AD A074680

USAFETAC/DS-79/061

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MINERAL WELLS FAA TEXAS WBAN# 93985
N 32 47 W 098 04 ELEV 972 FT MWL WMO#

FT WOLTERS TEX/MINERAL WELLS WBAN# 03943
N 32 50 W 098 03 ELEV 902 FT KCWO WMO#

PARTS A-F

POR FROM HOURLY OBS: JAN 49-DEC 65, OCT 66-DEC 70
POR FROM DAILY OBS: JAN 49-DEC 65, OCT 66-DEC 70

MAY 18 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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SSN 4820/b

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

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FOR THE COMMANDER

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DATA PROCESSING SHEET

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18. SUPPLEMENTARY NOTES

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

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

(over)

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

This report is a six-part statistical summary of surface weather observations for Ft Wolters, Mineral Wells, Texas

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

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

* Texas * Ft Wolters TX

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.

DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
03943	FT WOLTERS AAF TEX/MINERAL WELLS	N 32 50	W 098 03	902	KCWO	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	BAROMETER	
1	Mineral Wells Texas MAP	FAA	Mar 48	Dec 65	N 32 47	W 098 04	972	939	24
2	Mineral Wells Tex/Ft Wolters	AAF	Oct 66	May 67	N 32 50	W 098 03	898	1036	14to22
3	No Change	AAF	Jun 67	Apr 69	No Change	No Change	902	886	24
4	No Change	AAF	May 69	May 69	No Change	No Change	No Chge	No Chge	16
5	No Change	AAF	Jun 69	Oct 70	No Change	No Change	No Chge	No Chge	24
6	No Change	AAF	Nov 70	Dec 70	No Change	No Change	No Chge	No Chge	14&12

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 48 to Dec 65	Located on the roof.	F420-B	None	28 Ft	
2	Oct 66 to 4May 67	Located on top of MMQ-2 Van.	AN/TMQ-15	None	12 Ft	
3	5May 67 to Feb 69	Located 2400 ft W of Weather Observing Site.	AN/GMQ-11	RO-2A	13 Ft	
4	Mar 69 to Dec 70	1.Located 2245 ft E & 1210 ft N of center of Heliport.	AN/GMQ-11	RO-2B	12 Ft	
		2.Located 2460 ft E & 340 ft S of center of Heliport.	T-755GMQ-20	RO-2B	12 Ft	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
		3.Located 950 ft W & 1425 ft S of center of Heliport.	AN/GMQ-11	RO-2B	30 Ft	
		4.Located 580 ft N &2425 ft W of center of Heliport.	AN/GMQ-11	RO-2B	12 Ft	

MAC—S AFB, Ill 68-8975

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ASHEVILLE, NORTH CAROLINA

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.

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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.

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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.2	5.6	2.2	1.3		8.7	9.6	1	.1	.3	10.0	14403
FEB		.4	6.3	.9	1.3	.0	8.2	8.5	.3	.0	1.1	9.8	13206
MAR		.7	4.7	.2	.4	.0	5.2	4.1	.6	.0	1.5	6.2	14484
APR		2.2	5.9	.0		.0	5.9	3.5	1.1		1.1	5.6	14199
MAY		3.2	5.5			.0	5.5	2.4	.7		.3	3.3	14579
JUN		1.9	3.3			.0	3.3	1.0	.6			1.6	14167
JUL		1.6	2.7				2.7	.5	.3		.0	.8	14581
AUG		1.4	2.2				2.2	.5	.4			.8	14595
SEP		1.5	4.4				4.4	2.0	.7			2.4	14090
OCT		.9	4.5		.0		4.5	3.4	.3		.0	3.5	15093
NOV		.4	5.9	.0	.2		6.0	6.6	.2		.3	7.0	14162
DEC		.2	5.8	.4	.5		6.6	8.4	.2	.0	.6	9.1	14132
TOTALS		1.2	4.7	.3	.3	.0	5.3	4.2	.5	.0	.4	5.0	171691

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.5	6.1	2.5	1.0		9.1	9.4			.1	9.4	1743
	03-05	.4	6.5	2.1	1.5		9.8	12.2	.2			12.3	1831
	06-08	.3	6.2	2.3	1.5		9.9	15.7	.2	.2		16.0	1835
	09-11	.3	5.6	2.4	1.3		9.3	13.0	.3	.2	.2	13.5	1841
	12-14	.1	5.3	2.0	1.6		8.7	7.6	.1	.2	.3	8.1	1835
	15-17		5.1	2.1	1.0		7.9	6.3	.1	.1	1.0	7.4	1820
	18-20		5.3	1.8	.8		7.5	6.3	.1		.5	6.8	1762
	21-23	.3	4.7	2.1	1.1		7.6	6.4			.3	6.7	1736
TOTALS		.2	5.6	2.2	1.3		8.7	9.6	.1	.1	.3	10.0	14403

DATA PROCESSING DIVISION
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WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.7	7.2	1.0	1.3		9.2	8.1	.1		1.0	9.2	1613
	03-05	.7	8.1	.8	1.0		9.9	12.4		.1	.7	13.1	1669
	06-08	.7	8.1	.9	1.3	.1	10.0	15.7	.3		.8	16.7	1669
	09-11	.1	6.1	1.3	1.3		8.2	12.0	.7		.8	13.0	1671
	12-14	.1	6.5	1.0	1.0		8.1	6.9	.5	.2	1.1	8.6	1671
	15-17	.2	4.7	.7	1.2	.1	6.3	4.3	.4		1.9	6.5	1664
	18-20	.4	4.6	.6	1.3		6.4	4.1	.2		1.7	5.9	1635
	21-23	.4	5.2	.7	1.4		7.1	4.6			.8	5.4	1614
TOTALS		.4	6.3	.9	1.3	.0	8.2	8.5	.3	.0	1.1	9.8	13206

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	1.0	5.2	.1	.3		5.6	4.3	.2		1.2	5.7	1758
	03-05	.8	5.5	.4	.4		6.3	5.3	.4		1.1	6.7	1824
	06-08	.5	5.0	.3	.4	.1	5.6	7.4	.9		1.3	9.2	1833
	09-11	.2	5.1	.5	.7		6.2	5.0	1.0		.9	6.7	1839
	12-14	.7	4.5	.3	.9		5.4	3.4	.7		1.1	5.1	1838
	15-17	.7	4.4		.3		4.7	2.4	.8		2.1	5.1	1829
	18-20	.8	4.0	.1	.2		4.0	2.6	.8		2.8	6.0	1791
	21-23	1.0	3.8		.3		4.0	2.7	.1	.1	1.8	4.7	1772
TOTALS		.7	4.7	.2	.4	.0	5.2	4.1	.6	.0	1.5	6.2	14484

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.3	5.6	.1		.1	5.7	3.4	.7		1.5	5.5	1755
	03-05	1.9	6.5				6.5	5.7	.6		.4	6.6	1792
	6-08	1.6	6.1				6.1	8.3	1.5		.6	9.7	1792
	09-11	1.5	5.9				5.9	3.0	1.6		.9	6.0	1794
	12-14	1.9	5.4			.1	5.4	1.3	1.3		1.0	3.5	1793
	15-17	2.2	6.1			.1	6.1	1.6	1.2		1.2	4.0	1791
	18-20	3.0	5.7				5.7	1.7	.9		1.8	4.3	1752
	21-23	3.3	5.7				5.7	2.2	1.0		1.7	4.8	1730
TOTALS		2.2	5.9	.0		.0	5.9	3.5	1.1		1.1	5.6	14199

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	4.5	6.3				6.3	1.7	.6		.3	2.6	1830
	03-05	3.5	6.9			.1	6.9	4.6	.7		.2	5.3	1832
	06-08	2.7	6.4				6.4	7.0	1.1		.5	8.1	1831
	09-11	2.0	5.8			.1	5.8	2.6	.6		.5	3.3	1837
	12-14	2.3	4.3				4.3	1.0	.5		.3	1.8	1839
	15-17	2.1	4.2				4.2	.8	.5		.3	1.7	1828
	18-20	4.1	4.6				4.6	.7	.9		.4	2.1	1791
	21-23	4.0	5.6				5.6	.8	.7		.2	1.7	1791
TOTALS		3.2	5.5			.0	5.5	2.4	.7		.3	3.3	14579

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	3.6	4.6			.1	4.6	.7	.3			1.0	1776
	03-05	2.9	4.9				4.9	1.9	.6			2.4	1782
	06-08	1.1	3.3				3.3	3.0	1.5			4.2	1785
	09-11	1.2	3.4				3.4	1.2	.7			1.9	1784
	12-14	.8	2.8				2.8	.4	.4			.9	1784
	15-17	1.7	2.5				2.5	.4	.3			.7	1777
	18-20	1.9	2.2			.1	2.2	.2	.3			.5	1745
	21-23	1.9	2.7				2.7	.4	.4			.8	1734
TOTALS		1.9	3.3			.0	3.3	1.0	.6			1.6	14167

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.9	1.6				1.6	.3	.2			.4	1834
	03-05	2.2	3.5				3.5	.6	.2			.8	1836
	06-08	2.3	4.1				4.1	2.0	.9			2.3	1836
	09-11	1.4	3.9				3.9	.4	.4			.8	1836
	12-14	1.5	2.7				2.7	.3	.2			.5	1836
	15-17	2.6	3.0				3.0	.1	.1			.1	1827
	18-20	1.3	1.8				1.8	.2	.3			.4	1787
	21-23	.6	1.2				1.2	.3	.4		.1	.7	1787
TOTALS		1.6	2.7				2.7	.5	.3		.0	.8	14581

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.5	1.3				1.3	.3	.4			.8	1836
	03-05	1.2	1.9				1.9	.7	.5			1.1	1842
	06-08	1.2	2.4				2.4	2.1	1.4			3.0	1842
	09-11	.5	2.3				2.3	.2	.2			.4	1841
	12-14	.9	2.0				2.0	.2	.1			.3	1842
	15-17	2.6	2.3				2.3	.1	.2			.2	1832
	18-20	2.7	2.2				2.2	.1	.2			.3	1783
	21-23	1.6	2.8				2.8	.1	.5			.5	1777
TOTALS		1.4	2.2				2.2	.5	.4			.8	14595

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	1.5	4.9				4.9	1.2	.7			1.8	1770
	03-05	1.5	4.9				4.9	2.5	1.0			2.9	1776
	06-08	.7	4.2				4.2	7.2	1.3			7.6	1774
	09-11	.9	4.9				4.9	2.3	.6			2.6	1776
	12-14	1.5	3.9				3.9	.8	.3			1.1	1779
	15-17	2.0	4.4				4.4	.3	.3			.6	1764
	18-20	2.2	4.0				4.0	.9	.5			1.3	1730
	21-23	2.0	4.3				4.3	.8	.5			1.3	1726
TOTALS		1.5	4.4				4.4	2.0	.7			2.4	14090

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	1.0	4.3				4.3	2.9	.3			3.1	1863
	03-05	1.4	5.3		.1		5.3	5.1	.3			5.1	1904
	06-08	1.2	5.0				5.0	7.5	.6			7.6	1917
	09-11	1.0	5.5				5.5	3.9	.5			4.2	1915
	12-14	.5	4.2				4.2	1.8	.3			2.0	1913
	15-17	.3	3.2				3.2	1.3	.3			1.5	1911
	18-20	1.1	4.4				4.4	2.0			.1	2.0	1844
	21-23	.8	4.1				4.1	2.3	.2			2.4	1821
TOTALS		.9	4.5		.0		4.5	3.4	.3		.0	3.5	15093

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.3	6.4	.1	.1		6.5	7.1			.1	7.2	1688
	03-05	.4	6.2	.2	.2		7.1	9.4				9.4	1760
	06-08	.5	6.6		.4		6.6	12.3	.3		.1	12.6	1816
	09-11	.7	6.2		.4		6.3	7.4	.1		.2	7.7	1816
	12-14	.5	5.8		.2		5.9	4.3			.4	4.7	1818
	15-17	.3	5.4		.2		5.5	3.8	.2		.6	4.5	1811
	18-20	.2	4.5		.1		4.5	3.6	.5		.5	4.3	1746
	21-23	.2	5.4				5.4	5.0	.3		.2	5.2	1707
TOTALS		.4	5.9	.0	.2		6.0	6.6	.2		.3	7.0	14162

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.2	5.9	.4	.4		6.6	7.4			.6	8.0	1701
	03-05	.2	6.4	.4	.5		7.2	10.9	.1	.1	.4	11.4	1742
	06-08	.1	7.0	.6	.3		8.0	14.4	.2		.3	14.7	1844
	09-11		5.7	.5	.5		6.8	10.8	.6		.2	11.5	1851
	12-14	.1	5.1	.1	.6		5.7	6.6	.1		.6	7.2	1810
	15-17	.2	5.5	.3	.8		6.4	5.1			1.1	6.1	1778
	18-20	.2	5.7	.5	.7		6.7	6.0	.1		1.0	7.0	1712
	21-23	.2	5.1	.4	.3		5.7	5.8	.1		.6	6.6	1694
TOTALS		.2	5.8	.4	.5		6.6	8.4	.2	.0	.6	9.1	14132

PART A ATMOSPHERIC PHENOMENA

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

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

03943	FT WOLTERS AAF TEX/MINERAL WELLS	49-65, 67-70	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	DAILY	3.6	28.6	7.2	7.2		30.9	28.6	1.3	.2	.2	29.0	559
FEB		6.7	31.2	3.3	5.7	.8	32.9	31.0	2.5	.4	.8	32.4	510
MAR		2.8	23.8	1.6	3.2		25.2	25.6	2.5	.2		25.6	571
APR		20.8	33.1	.2		1.3	33.1	17.9	3.6		.5	19.1	559
MAY		24.2	35.1			1.1	35.1	15.6	3.4			17.5	559
JUN		23.6	34.7			1.0	34.7	14.9	2.3			15.9	577
JUL		16.7	20.7				20.7	3.7	1.3			4.2	593
AUG		14.9	19.8			.2	19.8	3.7	1.5			4.4	592
SEP		16.1	24.7				24.7	12.0	1.3			12.3	559
OCT		9.6	21.6		.2	.2	21.8	14.0	1.4			14.5	564
NOV		5.1	25.4	.4	1.5		25.8	22.9	1.5			23.2	551
DEC		2.4	22.3	1.6	2.7		23.6	24.7	1.5	.2	.2	24.9	551
TOTALS		12.2	26.7	1.2	1.7	.4	27.4	17.8	2.0	.1	.1	18.6	6745

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall cables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

03943 STATION — FT WOLTERS ARF TEX/MINERAL WELLS STATION NAME — 49-65 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	06-.10	11-.25	.26-.50	.51 1.00	1 01-2.50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5-1 4	1.5-2 4	2.5 3 4	3 5-4 4	4.5-6.4	6 5-10 4	10 5-15 4	15.5-25.4	25 5-50 4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25 36	37-48	49-60	61-120	OVER 120					
JAN	68.7	13.7	1.9	3.0	3.6	2.8	2.8	1.5	1.9					17.6	527	1.85	4.64	.03
FEB	65.4	11.7	3.7	4.4	3.1	6.2	2.7	2.1	.6					22.9	480	1.49	3.91	.08
MAR	72.9	9.3	1.9	4.7	1.3	4.9	2.3	2.3	.9					17.8	527	1.45	3.98	.30
APR	65.5	8.2	1.8	3.7	2.9	6.1	3.7	6.1	1.6	.4				26.3	510	3.22	9.66	.85
MAY	64.7	8.3	1.3	2.8	3.0	4.6	6.3	4.9	3.6	.4				26.9	527	4.45	15.73	.34
JUN	74.7	4.9	2.2	2.7	2.0	3.7	3.3	3.9	2.7	.2				20.8	510	2.84	8.67	.10
JUL	79.1	5.3	1.3	2.5	1.3	4.0	2.7	1.5	1.7	.4	.2			15.6	527	2.67	10.30	.06
AUG	79.7	4.4	1.3	2.5	2.5	3.6	1.9	2.1	2.1					15.9	527	1.94	4.08	.17
SEP	76.1	4.7	1.6	2.0	2.9	2.4	3.9	4.1	1.8	.6				19.2	810	2.82	7.39	.21
OCT	78.2	5.7	1.5	2.3	1.5	2.5	2.7	2.7	2.7	.2	.2			16.1	527	2.77	9.57	.01
NOV	73.9	9.0	.8	3.9	3.3	2.2	2.5	2.4	2.0					17.1	510	1.91	5.04	.00
DEC	75.5	7.6	1.7	4.0	3.0	2.5	2.5	2.5	.8					16.9	527	1.40	4.04	TRACE
ANNUAL	72.8	7.7	1.7	3.2	2.5	3.8	3.1	3.0	1.9	.2	.0			19.4	6209	28.79		

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65, 67-70 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49	1.47	1.68	1.96	.91	2.10	1.16	.28	1.53	1.48	2.96	.00	.43	2.96
50	1.24	.85	.59	1.78	1.25	1.15	2.49	1.14	2.09	.20	TRACE	TRACE	2.49
51	.06	.93	.57	.62	1.30	1.47	3.27	.71	1.28	1.25	.48	.06	3.27
52	.32	.21	.29	1.11	1.94	.16	.91	.38	.80	.01	1.64	.96	1.94
53	.02	1.80	1.32	.57	1.78	.20	.46	.92	.93	2.22	.69	.74	2.22
54	.68	.22	.26	.74	1.50	.99	3.62	.54	.45	1.02	.90	.83	3.62
55	.76	.60	.22	1.07	1.60	1.70	1.10	.14	.56	.16	.65	.09	1.70
56	.98	.72	.52	.87	2.44	.60	.04	.15	.21	1.44	1.40	2.07	2.44
57	.47	2.34	1.03	2.66	4.09	.91	.25	1.49	1.00	2.50	1.45	.44	4.09
58	1.62	.17	.90	1.87	.79	1.06	1.86	2.16	.96	.30	.71	.79	2.16
59	.04	.15	.24	.52	.45	1.78	1.23	1.39	1.12	5.12	.47	1.04	5.12
60	1.46	.74	.40	.74	.64	.74	2.08	.95	1.12	.61	.06	1.30	2.08
61	2.20	.95	.88	.61	.78	1.62	.82	1.51	1.63	.85	1.07	.41	2.20
62	.07	.44	1.07	.98	.59	3.31	6.24	1.09	3.21	1.49	2.03	.69	6.24
63	.09	.04	.12	3.33	1.83	2.16	.26	1.70	.36	.60	1.54	.31	3.33
64	1.85	.46	1.16	.72	1.39	1.10	.17	1.18	1.32	.31	1.84	.62	1.85
65	1.73	.88	.32	1.23	2.37	.39	.92	1.72	2.56	1.94	.97	.71	2.56
MEAN	.88	.78	.70	1.20	1.58	1.20	1.59	1.10	1.24	1.35	.91	.68	2.96
S. D.	.736	.646	.495	.787	.898	.777	1.628	.577	.787	1.312	.619	.505	1.235
TOTAL OBS	527	480	527	910	527	510	527	527	510	527	510	527	6209

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65, 67-70 (YEARS)

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										0	0	0	PRECIP
													DAYS
67	0	0	0	.61	.69	1.25	0	TRACE	0	0	0	.44	PRECIP
				21	18	20		26				18	DAYS
68	1.50	.53	1.89	2.00	.32	.95	1.86	.89	1.53	.36	1.31	.02	PRECIP
	20	17	20	21	21	18	21	25	16	25	11	17	DAYS
69	1.62	.55	.85	.38	.90	.68	.09	.96	1.73	1.14	.09	.03	PRECIP
	22	18	18	19	23	20	17	20	24	22	15	13	DAYS
70	.24	.01	4.28	.96	1.12	.03	TRACE	.26	1.46	.05	.04	.06	PRECIP
	20	14	19	20	19	22	21	19	19	18	19	14	DAYS
MEAN													
S. D.													
TOTAL OBS													

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

4 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

03943 FT WOLTERS AAF TEX/MINERAL WELLS 49-65
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	92.2	5.1	.4	1.3	.6		.2	.2						2.7	527	1.3	8.0	.0
FEB	93.5	3.5	.6	1.7	.4		.2							2.9	480	1.0	6.0	.0
MAR	99.2	2.5	.2			.2								.4	529	.2	3.0	.0
APR	100.0														510	.0	.0	.0
MAY	100.0														527	.0	.0	.0
JUN	100.0														510	.0	.0	.0
JUL	100.0														527	.0	.0	.0
AUG	100.0														527	.0	.0	.0
SEP	100.0														510	.0	.0	.0
OCT	99.8	.2													527	TRACE	TRACE	.0
NOV	98.6	1.2	.2											.2	510	TRACE	.3	.0
DEC	97.2	2.1	.2	.4										.8	527	.2	1.1	.0
ANNUAL	96.2	1.2	.1	.3	.1	.0	.0	.0						.6	6209	2.9		

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

03943 (STATION) FT WOLTERS TEX/MINERAL WELLS (STATION NAME) 49-65, 69-90 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49	1.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
50	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	1.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.9
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	1.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0
55	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
56	2.1	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	TRACE
58	1.0	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.3
59	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
60	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
61	2.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.0
62	TRACE	TRACE	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
63	TRACE	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0
64	4.5	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.5
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN	.74	.66	.19	.00	.00	.00	.00	.00	.00	TRACE	.02	.16	1.27
S D	1.207	1.055	.726	.000	.000	.000	.000	.000	.000	.000	.072	.369	1.414
TOTAL OBS	527	480	527	510	527	510	527	527	510	527	510	527	6209

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

03943 STATION | FT WOLTERS TEX/MINERAL WELLS STATION NAME | 49-65, 67-70 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
67	0	0	0	0	0	0	0	0	0	0	21.0	0	SNOFALL
68	0	0	0	0	27.0	12.0	16.0	13.0	15.0	20.0	0	12.0	DAYS
69	16.0	TRACE	16.0	0	15.0	17.0	17.0	16.0	0	18.0	12.0	12.0	SNOFALL
70	0	0	20.9	22.0	20.0	22.0	22.0	21.0	21.0	22.0	19.0	14.0	DAYS
													SNOFALL
													DAYS
MEAN													
S. D.													
TOTAL OBS.													

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

4 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	93.4	4.2	1.3	.4	.4	.4								2.5	527			
FEB	93.0	3.1	1.5	.2	.2									1.9	480			
MAR	98.9	1.1													527			
APR	100.0														310			
MAY	100.0														527			
JUN	100.0														510			
JUL	100.0														527			
AUG	100.0														527			
SEP	100.0														510			
OCT	100.0														527			
NOV	99.8	.2													510			
DEC	99.1	.2	.5											.8	527			
ANNUAL	98.8	.7	.3	.0	.0	.0								.4	6209			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03943 FT WOLTERS NAF TEX/MINERAL WELLS 49-70
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
50	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
51	TRACE	3	0	0	0	0	0	0	0	0	0	0	3
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
54	1	0	0	0	0	0	0	0	0	0	0	1	1
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	5	1	TRACE	0	0	0	0	0	0	0	0	0	5
57	TRACE	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
58	0	1	0	0	0	0	0	0	0	0	0	1	1
59	1	1	0	0	0	0	0	0	0	0	0	0	1
60	0	1	TRACE	0	0	0	0	0	0	0	0	0	1
61	4	1	0	0	0	0	0	0	0	0	0	0	4
62	TRACE	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
63	0	TRACE	TRACE	0	0	0	0	0	0	0	0	1	1
64	6	TRACE	0	0	0	0	0	0	0	0	0	0	6
65	0	0	TRACE	3	0	0	0	0	0	0	0	0	TRACE
MEAN	.9	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	1.3
S. D.	1.749	.799	.000	.000	.000	.000	.000	.000	.000	.000	.000	.393	1.723
TOTAL OBS.	527	480	527	510	527	510	527	527	510	527	510	527	6209

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03949 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
66										0 22	0 20	0 21	SNO DPTH DAYS
67	0 21	0 19	0 23	0 22	0 28	0 22	0 25	0 27	0 23	0 27	0 21	0 19	SNO DPTH DAYS
68	0 23	0 20	0 21	0 22	0 25	0 25	0 27	0 26	0 20	0 26	0	0 21	SNO DPTH DAYS
69	0 22	0 19	0 20	0 22	0 25	0 24	0 28	0 28	0 24	0 26	0 18	0 19	SNO DPTH DAYS
70	0	0	0 22	0 22	0 20	0 22	0 22	0 21	0 21	0 22	0 19	0 14	SNO DPTH DAYS
MEAN													
S. D.													
TOTAL OBS.													

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

03943 FT WELTERS AAF TEX/MINERAL WELLS 67-70
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
MEAN													
S. D.													
TOTAL OBS													

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

03963 FT WOLTERS AAF TEX/MINERAL WELLS 67-70
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										0	0	0	WINDS
													DAYS
67					NNW 35	N 33	ESE 25	N 27	W 28	WNW 30	WNW 34	NNW 35	WINDS
	0	0	0	0	23	24	16	26	23	26	21	17	DAYS
68	N 26	NNW 31	S 34	S 30	SSE 54	NW 30	36/ 42	7/ 35	35/ 29	19/ 35	1/ 42	23/ 52	WINDS
	21	20	15	20	24	22	25	26	24	26	19	16	DAYS
69	33/ 43	30/ 46	27/ 44	21/ 32	29/ 40	25/ 34	15/ 29	31/ 34	1/ 36	1/ 34	34/ 35	35/ 40	WINDS
	18	20	19	20	19	20	20	22	23	24	18	18	DAYS
70	36/ 40	35/ 47	34/ 42	25/ 51	15/ 39	33/ 43	19/ 26	18/ 30	1/ 27	30/ 36	28/ 38	30/ 34	WINDS
	22	19	21	21	20	22	22	21	21	22	18	14	DAYS
MEAN													
S. D													
TOTAL OBS.													

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.4	1.6	2.3	1.8	.4	.1	.0					6.7	9.4
NNE	.4	1.3	1.6	.8	.1	.0	.0					4.2	8.1
NE	.5	1.3	1.3	.4	.1	.0	.0			.0		3.6	7.0
ENE	.3	.8	.9	.3	.0	.0						2.4	7.2
E	.3	1.0	1.2	.4	.0	.0	.0					3.0	7.3
ESE	.3	1.6	2.2	.8	.1	.0	.0	.0				5.0	8.0
SE	.5	4.2	9.6	3.9	.6	.0	.0	.0				18.8	8.8
SSE	.4	1.9	5.4	5.1	1.4	.1	.0	.0				14.3	10.9
S	.5	1.7	3.3	3.8	1.6	.2	.0	.0				11.1	11.3
SSW	.2	.6	1.1	1.5	.6	.1	.0					4.1	11.4
SW	.3	.7	.9	.7	.2	.0	.0	.0				2.9	9.2
WSW	.2	.7	.6	.4	.2	.0	.0	.0				2.1	9.0
W	.4	.9	.7	.4	.2	.0	.0	.0				2.7	8.3
WNW	.1	.5	.6	.5	.2	.0	.0	.0				1.9	9.8
NW	.3	.8	1.2	1.0	.3	.0	.0	.0				3.6	9.6
NNW	.2	.8	1.5	1.7	.6	.1	.0	.0				4.9	11.0
VARBL													
CALM												8.8	
	5.5	20.4	36.4	23.4	6.5	.9	.1	.0		.0		100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 171348

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	3.9	2.7	.8	.1						10.0	9.7
NNE	.4	1.2	1.6	.5	.1							3.8	7.7
NE	.3	1.0	.8	.2	.0							2.3	6.6
ENE	.3	.5	.4	.1	.0							1.3	6.3
E	.2	.7	.6	.2	.0	.0						1.8	7.4
ESE	.3	1.1	1.8	.4	.0							3.6	7.5
SE	.5	3.0	8.3	3.1	.3	.0						15.2	8.7
SSE	.3	1.7	4.6	2.9	.4	.1						9.8	9.7
S	.3	1.3	2.4	2.4	.8	.3	.0					7.6	11.0
SSW	.2	.6	.9	1.3	.8	.1	.0					3.9	12.0
SW	.4	.8	.9	1.0	.5	.1						3.8	10.1
WSW	.3	1.0	.7	.5	.2	.1	.0					2.8	8.8
W	.5	1.3	1.0	.6	.3	.1						3.7	8.4
WNW	.2	.8	.8	1.0	.2	.1						3.1	9.9
NW	.4	1.2	2.0	1.9	.6	.1						6.2	10.0
NNW	.3	1.2	3.3	3.9	1.4	.2	.0					10.3	11.6
VARBL													
CALM												10.6	
	5.3	19.4	34.1	22.7	6.9	1.2	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 14081

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	3.3	3.0	.9	.2	.0					9.9	10.3
NNE	.4	1.4	1.9	.8	.1	.0						4.7	8.1
NE	.6	1.5	1.2	.2	.0							3.5	6.3
ENE	.3	.8	1.0	.2								2.2	6.8
E	.2	.8	1.0	.4	.0							2.4	7.4
ESE	.3	1.1	2.1	1.1	.1							4.7	8.7
SE	.9	2.7	7.1	3.8	.5	.0	.0					14.6	9.4
SSE	.3	1.3	3.2	3.3	1.0	.1	.0					9.2	11.0
S	.5	1.1	2.3	2.2	1.0	.4	.0					7.5	11.4
SSW	.3	.5	.7	1.1	.6	.2						3.4	11.7
SW	.2	1.0	1.0	1.0	.5	.1	.0					3.8	10.2
WSW	.3	1.0	.8	.8	.2	.2	.1	.0				3.3	10.1
W	.4	1.2	1.3	.8	.3	.1	.0	.0				4.1	9.1
WNW	.2	.8	1.1	.9	.3	.1	.0					3.4	9.8
NW	.5	1.3	2.2	1.9	.5	.0	.0	.0				6.4	9.0
NNW	.3	1.2	2.6	3.6	1.2	.2	.0					8.7	11.6
VARBL													
CALM												8.2	
	5.0	19.6	32.6	24.9	7.2	1.6	.2	.0				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 13207

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.4	1.7	2.7	3.4	.9	.1	.0					9.2	10.7
NNE	.3	1.2	1.8	1.3	.2	.0	.0					4.8	9.0
NE	.4	1.3	1.1	.6	.0							3.5	7.4
ENE	.2	.8	1.1	.3	.0							2.3	7.5
E	.3	.8	1.2	.3	.0							2.6	7.4
ESE	.2	1.2	2.2	1.1	.1	.0						4.8	8.8
SE	.2	1.9	6.6	4.9	1.0	.1	.0					14.8	10.3
SSE	.2	.9	3.9	5.1	2.1	.3	.0					12.6	12.3
S	.3	.9	2.1	3.1	2.6	.6	.0	.0				9.6	13.3
SSW	.1	.4	.6	1.3	.9	.1	.0					3.5	13.2
SW	.2	.6	.9	1.0	.5	.1	.0					3.3	10.7
WSW	.1	.6	.8	.9	.6	.2	.1	.0				3.4	12.2
W	.4	.9	.8	1.0	.6	.3	.1	.0				4.1	11.8
WNW	.1	.5	.8	1.0	.5	.2	.0					3.0	12.3
NW	.3	.9	1.6	1.9	.7	.2						5.6	11.3
NNW	.2	.7	1.8	2.9	1.4	.3	.1					7.4	12.9
VARBL													
CALM												5.6	
	3.9	15.2	30.1	30.1	12.2	2.4	.4	.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 14479

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.3	1.5	2.6	2.4	.5	.1	.0					7.4	10.2
NNE	.4	1.3	1.7	1.3	.3	.0						5.0	9.2
NE	.3	1.1	1.5	.8	.1	.0						3.9	7.9
ENE	.3	.9	1.1	.6	.1							2.9	8.0
E	.2	.9	1.5	.6	.1	.0						3.3	8.5
ESE	.1	.8	1.8	1.3	.3	.0	.0					4.3	10.0
SE	.2	1.9	6.6	6.0	1.2	.0	.0	.0				15.9	10.7
SSE	.2	.9	4.3	7.1	3.6	.5	.1	.0				16.7	13.2
S	.3	1.1	2.6	4.6	2.7	.6	.1					11.9	13.2
SSW	.1	.4	.8	1.7	.9	.2	.0					4.2	13.0
SW	.2	.7	.8	.7	.2	.1	.0					2.7	10.2
WSW	.2	.5	.7	.7	.2	.1	.0					2.3	10.6
W	.3	.7	.9	.8	.3	.1	.0					3.0	9.6
WNW	.1	.4	.5	.7	.4	.1	.0					2.2	11.9
NW	.2	.9	1.2	1.3	.5	.1						4.2	10.6
NNW	.2	.8	1.4	1.6	.8	.2	.0	.0				5.0	11.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.0	
	3.7	14.7	30.1	32.1	12.1	2.0	.3	.0				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 14196

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.5	1.1	1.6	1.0	.3	.1						4.5	9.0
NNE	.4	1.1	1.6	.8	.2	.0						4.1	8.4
NE	.4	1.3	1.3	.5	.2							3.7	7.6
ENE	.3	.9	1.0	.3	.1							2.3	7.3
E	.3	1.0	1.2	.4	.0		.0					3.0	7.5
ESE	.2	1.3	2.1	1.1	.2	.0						4.9	8.7
SE	.4	3.3	9.2	5.3	1.2	.1						19.5	9.9
SSE	.4	1.6	6.0	9.6	3.8	.3	.0					21.8	12.6
S	.5	1.6	3.9	5.4	2.8	.3	.0					14.6	12.2
SSW	.1	.6	.9	1.4	.6	.1	.0					3.9	11.9
SW	.2	.5	.6	.9	.0							1.9	8.4
WSW	.2	.4	.5	.2	.1	.0						1.4	8.0
W	.4	.5	.5	.3	.1	.0						1.8	8.0
WNW	.2	.3	.3	.3	.0			.0				1.2	8.7
NW	.2	.7	.7	.4	.1		.0					2.1	8.2
NNW	.2	.3	.9	.7	.2	.0	.0					2.6	9.5
VARBL													
CALM												6.6	
	4.8	16.8	32.5	28.2	9.7	1.2	.1	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 14579

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.2	.9	1.0	.5	.1	.0	.0					2.7	7.8
NNE	.2	.9	1.1	.3	.1	.0						2.6	7.7
NE	.3	1.2	1.1	.3	.1	.0	.0					3.0	7.3
ENE	.3	1.0	.9	.4	.0							2.6	7.5
E	.3	1.1	1.4	.5	.0							3.4	7.5
ESE	.3	1.7	2.9	1.1	.1	.0						6.1	8.2
SE	.5	4.3	10.6	5.4	1.0							21.8	9.4
SSE	.8	2.3	6.8	9.0	2.7	.1						21.5	11.5
S	.6	1.7	4.8	7.6	2.9	.3	.0					18.1	12.2
SSW	.2	.6	1.4	2.0	.9	.1						5.1	12.0
SW	.2	.6	.7	.4	.1	.0	.0					2.1	8.5
WSW	.2	.3	.4	.1	.0	.0	.0					1.1	7.6
W	.1	.5	.3	.1	.0							1.0	7.2
WNW	.0	.2	.3	.1	.0							.8	8.5
NW	.1	.4	.4	.3	.1							1.2	8.8
NNW	.1	.3	.4	.3	.0	.0		.0				1.3	8.8
VARBL													
CALM												5.7	
	4.3	18.0	34.5	28.6	8.2	.7	.1	.0				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 14163

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.3	.7	.6	.3	.0	.0	.0					1.9	7.5
NNE	.3	1.0	1.2	.4	.1							3.0	7.5
NE	.5	1.3	1.4	.4	.1							3.7	7.1
ENE	.3	.9	1.2	.5	.1	.0						3.0	7.8
E	.6	1.3	1.7	.6	.1							4.3	7.4
ESE	.4	2.3	2.4	.8	.1							6.0	7.5
SE	.6	6.9	12.7	3.7	.4							24.4	8.2
SSE	.6	3.1	7.9	5.9	1.0	.0						18.5	9.9
S	.7	2.9	4.7	5.2	1.6	.1	.0					15.1	10.4
SSW	.2	1.0	2.4	2.2	.6	.0						6.3	10.4
SW	.2	.8	1.6	.8	.1							3.5	8.6
WSW	.1	.4	.6	.2	.0							1.3	7.4
W	.1	.4	.3	.1	.0							1.0	6.7
WNW	.1	.2	.2	.1	.0							.5	7.0
NW	.1	.3	.2	.0	.0							.6	6.4
NNW	.1	.2	.3	.1	.0							.7	7.3
VARBL													
CALM												6.1	
	5.3	23.6	39.4	21.3	4.1	.2	.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 14580

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.4	1.1	.9	.5	.1							3.0	7.4
NNE	.3	1.2	1.5	.5	.0							3.6	7.6
NE	.6	1.6	1.6	.4	.0					.0		4.3	7.0
ENE	.4	1.0	1.0	.3	.0	.0						2.8	7.0
E	.4	1.6	1.6	.4	.1							4.1	7.1
ESE	.5	2.9	3.5	1.0	.0	.0		.0				7.9	7.4
SE	.9	7.6	14.0	3.3	.2	.0						26.0	7.8
SSE	.6	3.1	7.0	3.9	.5	.0						15.1	9.1
S	.8	2.7	4.3	3.2	.7	.0						11.8	9.3
SSW	.2	1.1	1.8	1.4	.3	.0						4.9	9.7
SW	.3	.9	1.3	.6	.0			.0				3.1	8.1
WSW	.2	.6	.5	.2	.0		.0					1.6	7.1
W	.2	.5	.5	.1	.0							1.2	6.5
WNW	.1	.2	.2	.0	.0							.5	6.4
NW	.2	.3	.1	.1								.6	5.6
NNW	.1	.3	.4	.3	.0	.0						1.3	8.5
VARBL													
CALM												8.0	
	6.2	26.8	40.4	16.4	2.1	.2	.0	.0		.0		100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 14594

USAFETAC FORM 0 8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	1.8	2.2	1.0	.1							5.8	7.7
NNE	.5	1.9	2.2	1.2	.1	.0						5.8	7.9
NE	.9	2.2	2.1	.7	.1	.0						6.0	6.9
ENE	.5	1.3	1.5	.4	.0	.0						3.8	7.0
E	.6	1.7	2.0	.5	.0	.0	.0					5.0	7.0
ESE	.4	3.0	2.7	.8	.1							6.9	7.2
SE	.9	7.0	11.3	3.2	.2	.0						22.5	7.9
SSE	.4	2.0	5.0	3.6	.5	.0						11.5	9.7
S	.6	1.8	3.2	2.8	.8	.0						9.2	9.9
SSW	.2	.6	1.1	1.1	.4	.0	.0					3.5	10.7
SW	.3	.5	.7	.4	.1							1.9	7.8
WSW	.2	.3	.4	.1	.0							1.0	6.4
W	.4	.6	.3	.1	.0	.0						1.4	5.7
WNW	.1	.2	.2	.2	.1							.8	8.0
NW	.4	.6	.5	.2								1.7	6.6
NNW	.2	.8	.9	.4	.1	.0						2.3	7.9
VARBL													
CALM												10.9	
	7.3	20.2	36.3	16.6	2.4	.2	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 14092

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.2	3.0	2.0	.3	.0	.0					8.1	8.8
NNE	.5	1.5	1.7	1.0	.1							4.7	7.9
NE	.6	1.3	1.1	.3	.0							3.3	6.4
ENE	.4	.7	.7	.1	.0							1.9	6.3
E	.4	.9	.9	.2	.0							2.4	6.5
ESE	.3	1.5	2.0	.5	.0							4.4	7.5
SE	.7	5.5	10.9	2.7	.4							20.2	8.1
SSE	.5	2.1	6.0	4.0	.8	.0						13.4	9.9
S	.5	2.1	3.4	3.3	1.0	.1						10.4	10.2
SSW	.2	.6	.9	1.1	.3	.0	.0					3.2	10.1
SW	.4	.4	.6	.4	.1	.0						2.0	7.6
WSW	.3	.7	.4	.2	.0							1.6	6.6
W	.6	1.0	.4	.1	.0							2.2	5.5
WNW	.2	.5	.6	.4	.2	.0						1.8	9.3
NW	.4	.7	1.0	.7	.1							2.9	8.3
NNW	.3	1.1	1.7	1.3	.4							4.8	9.3
VARBL													
CALM												12.7	
	6.7	23.2	35.3	18.1	3.9	.2	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 15086

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	.5	2.1	3.1	2.4	.7	.1						8.9	9.6
NNE	.5	1.3	1.5	.9	.1	.0	.0					4.3	8.1
NE	.5	.9	.7	.3	.0							2.4	6.6
ENE	.3	.7	.6	.1								1.8	6.2
E	.3	.8	.6	.1	.0		.0					1.7	6.4
ESE	.3	1.2	1.5	.3	.1							3.4	7.2
SE	.6	3.6	8.8	2.5	.1	.0						15.5	8.4
SSE	.3	1.6	4.5	3.4	.5	.0						10.4	9.9
S	.3	1.6	3.4	3.1	1.1	.1	.0					9.5	10.7
SSW	.2	.6	.9	1.4	.6	.1						3.8	11.2
SW	.3	.6	.9	.7	.2	.1	.0					3.1	9.2
WSW	.2	.9	.7	.5	.2	.0	.0	.0				2.6	8.5
W	.7	1.6	.9	.5	.1	.1	.0					3.9	7.2
WNW	.3	.9	.8	.6	.2	.0						2.7	8.6
NW	.3	1.4	1.9	1.2	.2	.0						5.1	9.0
NNW	.4	1.1	2.0	2.5	.8	.1	.0	.0				7.1	11.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.8	
	6.1	21.1	32.9	20.5	5.0	.6	.1	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 14162

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.6	2.1	3.0	1.5	.6	.1	.0					8.8	9.5
NNE	.3	1.2	1.7	.6	.0							3.8	7.7
NE	.4	1.0	1.2	.4								3.0	7.0
ENE	.1	.4	.3	.1								1.0	6.6
E	.2	.7	.5	.1	.0		.0					1.5	6.5
ESE	.3	1.0	1.4	.3	.0							3.1	7.4
SE	.4	3.0	8.1	3.1	.3	.0						15.0	8.8
SSE	.4	1.8	4.7	3.0	.4	.0	.0					10.5	9.5
S	.6	1.4	2.7	2.3	.7	.1						7.7	10.0
SSW	.2	.7	1.1	1.4	.5	.1						3.9	11.2
SW	.4	1.0	1.0	.9	.3	.1	.0					3.6	9.1
WSW	.4	1.1	.9	.6	.2	.1	.0	.0				3.3	8.8
W	.6	1.7	1.5	.7	.3	.0	.0					4.8	7.7
WNW	.2	.8	1.2	.8	.4	.1						3.5	9.9
NW	.6	1.3	2.1	2.1	.6	.1	.0					6.7	9.9
NNW	.4	1.[illegible]	2.5	2.8	.7	.1	.0					7.7	10.8
VARBL													
CALM												12.0	
	6.1	20.5	33.9	21.7	5.9	.7	.1	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 14129

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.9	1.6	4.0	1.9	.6	.1						9.0	8.9
NNE	.4	1.3	1.3	.2	.2							3.8	6.7
NE	.3	1.1	.6	.1								2.1	6.0
ENE	.4	.5	.5	.1								1.4	6.0
E	.5	.6	.5	.2								1.7	6.0
ESE	.4	1.8	2.1	.3								4.6	6.8
SE	.7	3.9	10.5	3.2	.2							18.5	8.4
SSE	.4	1.5	4.9	2.5	.4							9.6	9.6
S	.2	1.6	1.8	1.6	.2							5.5	9.0
SSW	.2	.4	.5	.6	.2							1.9	10.0
SW	.3	1.2	.5	.3	.2							2.5	7.7
WSW	.4	1.2	.3	.3								2.1	6.1
W	.8	1.3	.6	.6								3.2	6.5
WNW	.2	.9	.6	.8	.1							2.6	8.2
NW	.5	.7	2.3	1.3	.8							5.6	10.1
NNW	.3	1.2	2.8	3.5	1.2	.1						9.0	11.2
VARBL													
CALM												16.8	
	7.0	20.8	33.8	17.5	4.0	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1705

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.3	1.8	4.2	2.6	.6	.1						9.5	9.7
NNE	.6	1.1	1.2	.4	.1							3.4	7.0
NE	.9	.9	.6	.1								2.5	5.2
ENE	.4	.5	.3	.2	.1							1.5	6.9
E	.4	1.1	.5	.1								2.1	5.6
ESE	.4	1.4	2.1	.3								4.2	7.0
SE	.5	3.9	9.8	2.6	.2							17.0	8.4
SSE	.3	2.3	3.9	1.5	.5							8.5	8.7
S	.6	1.4	1.4	1.3	.4							5.1	8.9
SSW	.3	.2	1.1	.4	.2							2.2	8.7
SW	.3	.8	.6	.5	.1							2.2	7.9
WSW	.6	1.3	.4	.3	.2		.1					2.9	7.2
W	.8	1.0	.9	.4								3.2	6.5
WNW	.2	.7	.6	1.3	.1							2.8	9.9
NW	.4	1.7	1.4	1.9	.3							5.7	9.3
NNW	.4	.9	3.8	3.2	1.0	.2						9.6	11.1
VARBL													
CALM												17.6	
	7.3	21.1	32.8	17.2	3.7	.2	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1797

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.8	1.2	3.5	1.7	.8	.1						8.0	9.5
NNE	.4	1.2	1.4	.4	.1							3.6	7.5
NE	.4	1.1	.7	.4								2.6	6.6
ENE	.3	.5	.2	.1								1.1	6.1
E	.3	.7	.3	.2	.1							1.5	6.7
ESE	.3	1.1	1.9	.1								3.3	6.8
SE	.8	4.3	10.8	2.7	.1							18.7	8.3
SSE	.4	1.7	5.1	1.4	.2							8.8	8.5
S	.4	1.6	1.4	.9	.3							4.6	8.3
SSW		.8	.6	.4	.2							1.9	8.4
SW	.2	.6	.8	.4								2.4	7.2
WSW	.5	1.2	.5	.3	.1							2.6	6.6
W	.6	2.1	.7	.3	.1	.1						3.8	6.4
WNW	.1	1.1	.8	.9	.3							3.3	9.7
NW	.6	1.8	2.4	1.8	.5	.1						7.2	9.2
NNW	.2	1.0	4.1	4.1	1.2	.2						10.8	11.4
VARBL													
CALM												15.7	
	6.9	22.1	35.3	16.1	3.9	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1798

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 69-69,67-70 (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	.5	1.5	2.9	3.7	1.1	.2						9.8	10.7
NNE	.3	.8	1.4	.7	.2							3.4	8.9
NE		.7	1.2	.4								2.3	8.2
ENE	.1	.4	.3	.2	.1							1.1	8.2
E		.4	.5	.3	.1							1.3	9.0
ESE	.2	.6	1.1	.4	.1							2.3	8.2
SE	.4	2.3	6.6	3.2	.4	.1						13.1	9.3
SSE	.1	1.7	5.6	3.0	.4	.2						11.0	9.9
S	.5	1.3	3.0	1.9	1.0	.6						8.3	11.0
SSW	.3	.4	1.3	1.3	.5	.1						3.6	11.4
SW	.4	.9	1.6	1.7	.9	.2						5.8	11.2
WSW		1.1	1.3	1.3	.5							4.2	10.3
W	.5	2.2	1.4	.8	.6	.1						5.6	8.6
WNW	.3	.8	.6	1.0	.1	.2						2.9	9.8
NW	.2	1.1	2.5	2.5	.5	.2						7.0	10.9
NNW	.3	1.3	3.0	4.2	1.8	.3	.1					11.0	12.2
VARBL													
CALM												7.1	
	4.2	17.0	34.0	28.3	8.2	2.2	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 1797

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.3	1.4	3.0	3.4	1.2	.1						9.3	10.9
NNE	.1	.7	2.0	.4	.3							3.6	9.1
NE	.1	.4	.8	.4								1.8	8.1
ENE	.2	.2	.3									.7	5.5
E	.1	.2	.4	.4	.1							1.2	10.0
ESE	.1	.0	.9	.7								2.3	8.6
SE	.2	.9	3.7	2.4	.3							7.5	9.8
SSE	.1	1.3	2.6	2.7	.6	.1						7.4	10.5
S	.4	1.2	3.1	3.7	1.8	1.2	.2					11.7	13.1
SSW	.1	.8	1.5	3.1	2.9	.7	.1					9.2	14.6
SW	.2	1.2	2.0	2.9	1.7	.3						8.3	12.2
WSW	.1	1.1	1.3	1.1	.5	.2						4.3	10.9
W	.1	1.0	1.8	1.6	.9	.2						5.6	11.3
WNW	.1	1.0	1.5	1.8	.4	.3						5.1	11.2
NW	.1	1.1	2.3	2.4	.9	.2						7.0	11.4
NNW	.1	1.2	3.2	4.9	2.2	.4						12.0	12.5
VARBL													
CALM												3.0	
	2.5	16.4	30.5	31.9	13.7	3.7	.3					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 1791

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT HOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.3	1.9	4.7	3.3	1.1	.2						11.5	10.6
NNE	.3	.7	1.9	.6	.2							3.8	8.3
NE	.2	.8	.5	.3								1.9	6.8
ENE	.1	.0	.3	.1								1.1	6.2
E	.2	.3	1.0	.3		.1						1.9	9.0
ESE	.3	.5	1.8	.6	.1							3.3	8.6
SE	.2	1.5	4.1	2.8	.3							8.8	9.4
SSE	.2	1.2	3.2	2.8	.4	.2						8.0	10.7
S	.2	1.1	4.1	4.8	2.0	.8						13.0	12.6
SSW	.4	.7	1.7	3.7	2.1	.3						8.8	13.1
SW	.3	.5	1.1	1.9	.8	.2						4.8	11.8
WSW	.2	.9	1.0	.9	.2	.4						3.6	10.8
W	.5	.9	1.5	.9	.6	.1						4.5	9.8
WNW	.2	.5	1.2	1.3	.2							3.5	9.9
NW	.3	1.0	2.1	2.7	1.0	.1						7.2	11.2
NNW	.3	1.0	2.5	4.3	1.9	.2						11.2	11.9
VARBL													
CALM												3.0	
	4.6	14.0	33.8	31.3	10.8	2.5						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 1768

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.8	3.6	5.2	2.3	.5	.2						12.5	8.6
NNE	.5	1.7	1.7	.4								4.3	7.1
NE	.5	1.3	.9	.1	.1							2.8	6.3
ENE	.2	.8	1.0									2.0	6.5
E	.1	1.0	1.3	.3		.1						2.8	7.7
ESE	.3	1.6	2.0	.5	.1							4.3	7.5
SE	.6	4.2	8.9	3.5	.2							17.4	8.5
SSE	.2	1.8	6.3	4.3	.3							12.8	9.9
S	.2	1.2	2.8	3.0	.3							7.4	9.9
SSW	.1	.8	.8	.3	.1							2.1	8.5
SW	.8	.8	.3	.1	.1	.1						2.1	6.4
WSW	.2	.7	.2	.2								1.3	6.3
W	.2	.5	.4	.1								1.2	6.1
WNW	.2	.9	.7	.5	.1							2.4	8.0
NW	.6	1.7	1.9	1.1	.2							5.4	8.1
NNW	.2	1.6	3.0	3.5	1.4							9.8	11.2
VARBL													
CALM												9.0	
	5.6	24.4	37.3	20.1	3.2	.5						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 1725

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.9	2.8	3.7	2.6	.5	.1						10.6	8.9
NNE	.4	1.6	1.8	.7								4.5	7.3
NE	.3	1.2	.9	.1	.1							2.5	6.3
ENE	.4	.7	.4	.1								1.6	5.2
E	.2	1.4	.7		.1							2.4	6.4
ESE	.4	1.2	2.3	.8								4.6	7.6
SE	.7	3.3	12.3	4.5	.4							21.2	8.9
SSE	.5	1.7	3.0	4.9	.2	.1						12.5	9.9
S	.1	.9	1.9	1.6	.4							5.0	10.2
SSW	.2	.6	.4	.2	.1							1.5	7.8
SW	.7	.5	.4	.1	.1							1.8	6.1
WSW	.1	.8	.1									1.1	4.8
W	.3	1.0	.6	.3	.1	.1						2.4	7.5
WNW	.3	.7	.7	.2								1.9	6.5
NW	.5	1.6	1.1	1.1	.4							4.6	8.8
NNW	.1	1.2	3.0	3.6	.9	.1						8.9	11.1
VARBL													
CALM												13.0	
	6.1	21.4	35.4	20.8	3.2	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1700

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.7	2.8	3.0	2.1	.6							9.1	8.7
NNE	.9	1.5	1.7	1.1	.2	.1						5.5	8.1
NE	.7	1.1	.9	.1								2.7	5.8
ENE	.4	.8	.7	.1								2.1	5.9
E	.2	.9	.6	.1								1.9	6.6
ESE	.2	1.1	1.9	.4	.1							3.7	7.7
SE	.8	4.2	10.7	5.0	.3	.1						21.1	8.8
SSE	.4	1.3	3.6	3.2	.7	.1						9.6	10.2
S	.6	1.1	1.4	1.1	.6	.1						4.8	9.3
SSW	.1	.4	.4	.6	.3							1.8	10.6
SW	.4	.9	.7	.4	.4	.1						2.9	8.7
WSW	.4	1.1	1.0	.4	.1	.1						3.0	7.7
W	.4	1.4	1.3	.6	.2							3.8	8.1
WNW	.4	.7	.9	.4	.1							2.6	7.5
NW	.8	1.4	1.3	1.0	.4		.1					5.0	8.5
NNW	.6	1.3	1.7	2.2	.6	.1						6.5	10.2
VARBL													
CALM												13.8	
	8.2	22.3	31.9	18.6	4.7	.3	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1613

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) — WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) — 49-65,67-70 (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	.0	2.7	2.3	2.2	.8	.1						8.6	9.1
NNE	.4	1.6	1.4	.5	.2							4.1	7.6
NE	.9	1.8	.9	.2								3.8	5.5
ENE	.5	.8	.7	.1								2.1	5.6
E	.4	.5	.7	.3								1.9	6.6
ESE	.4	1.7	2.2	.9								5.1	7.7
SE	.4	3.7	8.9	3.7	.2							16.9	8.4
SSE	.4	2.3	3.8	2.0	.5							9.0	9.0
S	.8	1.0	1.3	1.4	.2							4.7	8.7
SSW	.6	.5	.3	.3	.1							1.9	6.9
SW	.4	1.1	.6	.3	.4	.1						2.9	8.6
WSW	.7	1.4	.7	.7								3.4	6.7
W	.9	1.4	.7	.9	.2							4.1	7.3
WNW	.4	1.2	1.1	.6	.2							3.5	8.3
NW	.7	1.5	2.0	1.5	.4	.1						6.1	8.9
NNW	.2	1.1	2.3	2.9	1.0	.1						7.7	11.3
VARBL													
CALM												14.1	
	8.7	24.4	29.8	18.4	4.1	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1670

USAFETAC FORM 0 8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.5	1.9	2.0	2.6	.8	.1						8.0	10.4
NNE	.5	1.4	1.3	.5								3.8	6.7
NE	.7	1.6	1.3	.1								3.7	5.9
ENE	.4	.7	.4	.2								1.7	6.0
E	.5	.9	.7	.3								2.5	6.3
ESE	.1	1.3	1.7	.9	.2							4.2	9.0
SE	.6	4.1	8.4	4.1	.2							17.6	8.6
SSE	.6	1.4	2.9	1.6	.2							6.8	9.0
S	.4	1.4	2.2	.6	.1							4.7	7.8
SSW	.6	.4	.5	.3								1.7	6.3
SW	.5	.5	.5	.5	.1							2.0	7.4
WSW	.5	1.7	.6	.5	.2							3.7	7.3
W	.8	1.6	2.2	.8	.5	.1						6.1	8.4
WNW	.3	1.1	1.2	.6	.2							3.5	8.3
NW	.5	1.6	2.5	1.7	.3	.1						6.6	9.1
NNW	.4	1.4	3.0	2.9	1.1	.2						9.0	11.0
VARBL													
CALM												14.7	
	8.0	23.0	31.5	18.3	4.1	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1669

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.5	3.1	4.0	1.2	.3						10.4	11.5
NNE	.1	.9	1.4	.9	.1							3.4	9.4
NE	.2	1.0	1.7	.6								3.5	7.9
ENE	.2	.7	1.1	.2								2.2	7.2
E	.2	.8	1.0	.3								2.5	7.7
ESE	.2	.4	2.1	1.4	.1							4.2	9.7
SE	.3	2.5	4.7	3.4	.9							11.6	10.0
SSE	.2	1.1	3.1	3.5	1.0	.1						9.1	11.4
S	.7	1.3	2.7	2.6	1.0	.5	.1					8.9	11.1
SSW	.4	.4	1.1	1.1	.8	.2						4.0	12.0
SW	.2	1.2	1.4	1.7	.5		.1					5.1	10.5
WSW	.2	.5	1.0	.8	.4	.2	.1					3.2	11.0
W	.4	1.0	1.1	1.0	.4	.2	.1					4.6	9.4
WNW	.1	.5	1.5	1.0	.7	.1						3.9	11.3
NW	.1	1.5	3.4	2.8	.7	.1	.1	.1				8.6	10.6
NNW	.1	1.3	2.3	4.7	1.2	.4	.1					10.1	12.4
VARBL													
CALM												4.7	
	3.6	17.4	32.7	30.2	8.9	2.1	.4	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 1671

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	3.2	3.8	1.6	.2	.1					9.9	12.2
NNE	.2	.8	2.2	1.1	.1							4.5	9.3
NE	.3	.7	.9	.4								2.2	7.6
ENE		.5	.7	.4								1.6	8.3
E	.1	.7	1.1	.2	.1							2.1	7.6
ESE	.1	.5	1.7	1.3	.1							3.7	9.7
SE	.2	1.0	2.8	3.2	.6	.1						7.8	11.1
SSE	.1	1.0	1.9	3.2	1.2	.3	.1					7.8	12.5
S	.4	.5	2.3	3.9	1.9	1.2	.1					10.3	14.1
SSW	.4	.4	1.0	2.9	1.9	1.0						7.1	14.1
SW	.1	1.0	1.4	2.7	1.1	.5						6.9	12.6
WSW	.1	.7	1.1	1.6	.5	.6	.2	.1				4.7	14.2
W	.1	1.2	1.9	1.4	.5	.4						5.5	10.5
WNW	.3	.7	.9	1.9	1.0							4.8	11.6
NW	.1	1.3	2.3	3.3	.8	.1						8.0	11.4
NNW	.3	.7	2.7	5.0	1.9	.4	.1					11.0	12.9
VARBL													
CALM												2.2	
	2.8	12.6	27.9	36.3	12.9	4.7	.6	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 1671

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	3.2	4.4	1.3	.2	.1					10.3	12.2
NNE	.2	1.0	2.4	1.1	.2							4.9	9.2
NE	.3	.7	1.2	.2	.1							2.6	7.7
ENE	.1	.4	1.3	.1								1.9	7.7
E	.1	.3	1.2	.8								2.4	9.1
ESE	.4	.7	2.6	1.7	.3							5.6	9.7
SE	.7	.9	2.9	3.7	.9							8.2	10.9
SSE	.2	1.0	1.6	3.4	1.7	.3	.1					8.2	13.1
S	.4	1.3	2.4	4.0	2.1	1.1	.1					11.2	13.3
SSW	.7	.7	.7	2.9	1.5	.6						6.6	14.2
SW	.1	1.0	1.5	1.8	1.0	.1						5.4	11.5
WSW	.1	1.1	.9	1.3	.7	.3	.1					4.5	12.4
W	.2	.5	1.9	1.2	.4	.1	.2					4.4	11.2
WNW	.1	.7	1.6	1.7	.2	.1						4.3	11.0
NW	.2	.9	2.5	2.0	.5	.1						6.1	10.9
NNW	.2	1.0	2.6	5.5	1.8	.3						11.4	12.5
VARBL													
CALM												1.7	
	2.8	13.2	30.6	35.7	12.3	3.1	.5					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 1664

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.7	3.2	4.6	2.5	.7	.2						11.9	9.1
NNE	.4	1.6	2.1	1.0	.1							5.1	8.1
NE	.6	2.8	1.4	.1								4.8	5.7
ENE	.2	1.0	1.6	.1								2.9	6.8
E	.2	1.4	1.9	.2	.1							3.9	7.2
ESE	.4	1.3	2.9	1.0	.2							5.8	8.3
SE	.2	2.1	8.0	2.9	.5	.1						13.8	9.5
SSE		.9	5.1	4.2	1.1	.2						11.6	11.5
S	.1	1.0	4.1	2.7	1.0	.1						9.1	11.0
SSW	.2	.7	1.0	.5	.1							2.5	8.5
SW	.1	.7	.9	.6	.2							2.6	9.0
WSW	.1	.6	.4	.4		.1	.1					1.7	10.1
W	.2	.8	.4	.2	.1							1.7	7.6
WNW	.1	1.0	.7	.3	.2	.2	.1					2.6	9.9
NW	.9	1.3	2.2	1.5	.3							6.3	8.5
NNW	.4	1.3	2.7	2.1	1.1	.1						7.9	10.3
VARBL													
CALM												5.8	
	4.8	22.1	40.0	20.4	5.8	1.0	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1635

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.4	3.0	5.1	2.2	.4	.1						11.2	8.8
NNE	.5	2.4	2.5	.6	.1	.1						6.3	7.2
NE	.7	2.5	1.5	.2								4.9	5.8
ENE	.2	1.2	1.2	.1								2.8	6.9
E	.1	.7	1.1	.5	.1							2.5	8.2
ESE	.3	1.5	2.0	1.1	.1							5.0	8.0
SE	.7	2.8	10.9	4.7	.6	.1	.1					19.8	9.6
SSE	.4	1.2	3.9	5.3	1.1							11.8	10.9
S	.4	.9	2.4	.5	.8	.2						6.1	10.6
SSW	.2	.5	.4	.1	.1							1.2	7.3
SW	.2	1.2	.7		.2	.1						2.4	7.6
WSW	.2	.7	.8	.6	.1							2.4	8.2
W	.4	1.1	.4	.1	.2		.1	.1				2.5	8.4
WNW	.3	.8	.4	.4	.1							2.0	7.2
NW	.5	.9	1.6	1.4	.2							4.5	9.2
NNW	.4	1.0	1.4	2.1	.7							5.6	10.7
VARBL													
CALM												8.9	
	5.9	22.4	36.5	20.8	4.8	.6	.1	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1614

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.6	2.0	2.7	3.0	.5	.1						8.8	9.7
NNE	.5	1.8	1.6	1.3								5.2	8.0
NE	.6	1.8	.8	.7								3.9	6.7
ENE	.6	.9	.6	.1	.1							2.2	5.9
E	.2	1.2	.8	.2								2.4	6.7
ESE	.2	1.4	2.2	.7	.1							4.6	8.1
SE	.4	2.3	11.9	6.5	.6	.1						21.8	9.7
SSE	.2	1.5	4.9	5.4	1.5	.2						13.8	11.4
S	.2	1.0	1.0	2.3	1.4	.1						6.1	12.3
SSW	.1	.2	.2	.5	.2							1.1	11.7
SW	.5	.7	.4	.3		.1						1.9	6.8
WSW	.2	.7	1.1	.7	.3	.1						3.1	9.6
W	.7	.8	.7	.3	.1	.1						2.8	7.5
WNW	.1	.5	.5	.5	.4	.1						2.0	11.1
NW	.4	1.5	1.5	1.1	.3	.2						5.0	9.4
NNW	.3	.9	1.3	2.1	.7	.5	.1					5.7	12.0
VARBL													
CALM												9.6	
	5.7	19.1	32.2	25.8	6.1	1.5	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1757

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.7	1.3	3.3	3.0	.7	.1						9.1	10.2
NNE	.2	1.2	1.4	.8	.4							3.9	9.1
NE	.8	1.6	1.0	.3	.1							3.8	6.4
ENE	.3	.7	1.2	.1								2.3	6.8
E	.4	.9	.7	.2								2.2	6.6
ESE	.4	1.3	2.1	.4								4.3	7.5
SE	.1	2.6	10.1	4.9	.4	.1						18.2	9.5
SSE	.3	1.4	4.7	5.4	1.3	.3						13.5	11.1
S	.4	1.2	1.9	2.4	.6							6.5	10.1
SSW	.2	.4	.3	.8								1.7	9.2
SW	.3	.6	.7	.5	.1							2.2	8.1
WSW	.3	.9	.8	.5	.1	.1						2.6	8.6
W	.8	1.8	.7	.8	.1	.1						4.3	7.2
WNW	.2	.7	.3	1.3	.2	.1						2.9	10.5
NW	.3	.9	1.6	1.8	.4	.1						5.2	10.1
NNW	.2	.7	1.6	2.1	1.0	.4						5.9	13.0
VARBL													
CALM												11.3	
	6.1	18.0	32.7	25.6	5.3	1.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1823

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL HELLS (STATION NAME) 49-65,67-70 (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	.6	1.7	2.7	2.6	1.0	.2						8.8	10.3
NNE	.3	1.1	1.5	1.2	.2							4.3	8.8
NE	.3	1.0	1.1	.3	.1							2.9	7.0
ENE	.2	[illegible]	1.2	.4								2.6	7.6
E	.3	[illegible]	.7	.3								1.9	6.9
ESE	.2	1.[illegible]	[illegible].6	.4								3.9	7.1
SE	.3	2.[illegible]	8.7	5.3	.8							17.9	9.7
SSE	.3	1.[illegible]	5.2	4.8	1.1	.2						12.8	10.9
S	.8	1.4	2.5	1.8	.7	.1						7.2	9.7
SSW	.2	.2	.5	.7	.1							1.6	9.8
SW	.3	.3	1.2	.6								2.6	7.4
WSW	.4	.9	.8	.7	.1	.1	.1					3.1	9.8
W	.3	1.7	.9	1.1	.2	.1	.1					4.9	8.3
WNW	.2	.7	1.1	.8	.4	.1						3.3	10.4
NW	.2	1.4	1.7	2.2	.3	.1						6.0	10.1
NNW	.2	.7	1.9	3.5	1.0	.4						7.7	12.5
VARBL													
CALM												8.8	
	5.2	18.7	33.3	26.5	6.2	1.1	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1831

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	2.2	4.1	1.0	.2						8.6	11.9
NNE	.1	.5	2.0	2.5	.2	.1	.1					5.4	10.9
NE	.2	.7	1.0	.8								2.6	8.6
ENE		.4	1.0	.5	.1							2.0	9.4
E	.1	.7	1.4	.4	.1							2.6	8.8
ESE	.1	.6	1.2	2.0	.2							4.0	10.7
SE	.2	1.3	3.1	4.6	.9	.1						10.1	11.1
SSE	.2	.9	3.5	5.3	2.0	.1						12.0	12.3
S	.3	.7	2.6	3.6	3.6	.6		.2				11.4	14.3
SSW	.1	.5	.8	2.2	2.1	.3	.2					6.1	14.7
SW	.2	.3	.8	1.3	1.3	.1	.1					4.0	13.2
WSW	.2	.7	1.0	1.4	.9	.1	.2	.1				4.5	13.3
W	.3	.7	.8	1.4	1.1	.4	.1	.1				4.8	13.7
WNW	.1	.2	1.2	1.7	.7	.1	.1					4.0	13.1
NW	.1	.4	2.0	2.5	.8	.2						5.9	12.1
NNW		.6	2.2	3.6	2.8	.6	.1					9.8	14.1
VARBL													
CALM												2.0	
	1.9	10.3	26.5	37.9	17.7	2.8	.7	.3				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 1839

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.2	.9	2.3	4.1	1.1		.1					8.8	11.8
NNE		.9	1.6	2.0	.3							4.7	10.4
NE	.1	.7	1.0	.9								2.7	9.1
ENE	.1	.5	1.0	.2	.1							1.9	8.7
E	.1	.4	1.0	.3								1.8	8.2
ESE	.1	.5	1.1	1.5	.3							3.4	10.5
SE	.1	.8	1.4	3.6	1.2	.1						7.1	12.5
SSE		.5	2.8	3.0	2.4	.2						8.8	13.2
S	.1	.7	2.2	4.7	3.4	1.3	.2	.1				14.6	15.6
SSW	.2	.3	1.5	2.9	2.2	.4	.1					7.7	14.2
SW	.1	.9	.9	2.2	1.3	.2						5.5	13.0
WSW	.1	.6	.8	1.3	1.6	.5	.1	.1				5.1	15.1
W	.1	.8	1.3	1.5	1.2	.7	.4	.1				6.3	15.1
WNW	.1	.5	1.4	1.6	.9	.6	.2					5.2	13.7
NW	.2	.4	1.7	2.2	1.2	.5						6.2	13.1
NNW		.7	1.9	3.9	2.0	.3	.2					9.0	13.8
VARBL													
CALM												1.3	
	1.4	10.2	23.8	36.0	21.4	4.7	1.1	.2				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 1838

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.9	2.7	3.5	1.7	.3						9.3	12.5
NNE	.2	.8	1.9	1.4	.2	.1						4.6	9.8
NE	.1	.5	1.4	.8	.1							2.9	9.2
ENE		.6	.8	.5	.1							2.0	8.8
E		.2	1.3	.3								1.7	8.6
ESE	.1	.3	2.1	1.5	.3	.1						4.3	10.9
SE	.1	.8	2.8	3.1	1.5	.1						8.4	11.9
SSE	.3	.3	2.3	4.2	2.8	.8	.1					10.8	14.5
S	.4	.8	2.5	4.6	5.1	1.4	.2					15.1	15.0
SSW	.2	.3	.4	2.0	2.2	.2						5.4	14.8
SW	.1	.8	1.1	2.3	.9	.2	.1					5.5	12.8
WSW	.1	.3	1.2	1.5	1.1	.4	.1	.1				4.8	14.3
W	.3	.5	1.0	1.1	1.0	.5	.1	.1				4.6	14.2
WNW	.1	.3	.4	1.2	.9	.4	.1					3.4	14.9
NW	.2	.8	1.6	2.4	1.7	.3						7.1	13.0
NNW	.2	.4	2.2	4.0	1.7	.2	.1					8.6	13.0
VARBL													
CALM												1.5	
	2.4	8.6	25.8	34.4	21.0	4.8	.7	.2				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 1829

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.5	2.6	3.4	4.1	.6	.1						11.2	9.9
NNE	.4	1.3	2.3	.9	.1							5.1	8.0
NE	.3	1.7	1.3	.7								4.0	7.5
ENE	.2	1.1	1.0	.3								2.6	6.7
E	.4	1.4	2.0	.6								4.4	7.2
ESE	.2	1.5	4.0	1.4	.1	.1						7.3	8.8
SE	.1	2.2	6.3	4.6	1.6	.1	.1					14.9	10.7
SSE	.1	.5	3.6	5.1	3.2	.3						12.8	13.3
S	.2	.9	2.6	3.6	2.3	.6	.1					10.3	13.3
SSW	.1	.6	1.0	.6	.2							2.6	9.6
SW	.4	.6	1.2	.6	.1							2.8	8.1
WSW	.1	.2	.5	.2	.4	.1						1.5	12.0
W	.2	.4	.6	.8	.4	.2	.2	.1				3.0	13.1
WNW		.2	.6	.4	.2							1.4	11.0
NW	.3	.7	1.7	2.1	.5	.2						5.5	11.2
NNW	.4	.8	1.7	2.6	.9	.3	.1					6.8	12.0
VARBL													
CALM												3.6	
	4.0	16.8	33.6	28.9	10.7	1.9	.4	.1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1790

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.5	2.9	2.5	2.9	.3	.1						9.3	9.4
NNE	.5	1.9	1.9	.5								4.8	7.1
NE	.8	2.6	1.3	.2								4.9	5.9
ENE	.2	1.0	1.6	.2								3.1	6.9
E	.6	1.4	1.5	.3								3.8	6.4
ESE	.2	1.9	3.7	1.0	.1							6.9	8.0
SE	.6	2.7	9.0	6.5	1.4	.1	.1					20.3	10.3
SSE	.3	1.0	4.6	7.6	2.3	.3						16.1	12.4
S	.2	.7	1.4	1.3	1.9	.3						5.6	13.3
SSW	.1	.4	.1	.4	.2	.1						1.2	10.5
SW	.2	.4	.8	.2	.1							1.6	7.4
WSW	.1	.6	.6	.6	.1							2.0	9.3
W	.2	.5	.5	.8	.3	.2	.1					2.5	12.3
WNW		.7	.3	.5	.1	.1						1.5	9.4
NW	.3	.8	1.2	1.0	.5	.1						4.0	10.4
NNW		.8	1.9	1.5	.7	.1	.1					5.2	11.6
VARBL													
CALM												7.2	
	4.7	20.2	33.0	25.6	7.8	1.4	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1772

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.7	1.7	1.9	1.4	.3	.1						6.0	8.7
NNE	.6	1.5	1.4	1.1	.2	.1						4.8	8.5
NE	1.0	1.7	1.7	.7								5.1	6.7
ENE	.1	.7	.9	.2	.1							2.2	7.1
E	.2	1.0	1.4	.5								3.0	7.9
ESE		1.2	2.1	1.0	.2							4.5	9.2
SE	.3	2.8	10.0	6.1	1.2							20.6	10.0
SSE	.2	.9	4.7	8.6	3.0	.3	.2					17.7	13.1
S	.7	1.9	2.7	2.8	1.1	.1						9.5	10.2
SSW	.1	.5	.6	.9								2.1	9.9
SW	.3	.5	.2	.3	.1							1.4	7.5
WSW	.2	.6	.5	.4	.2	.1						2.1	9.3
W	.3	.7	.5	.1	.3	.2						2.1	9.2
WNW		.1	.5	.5	.3	.1						1.5	13.1
NW	.2	1.0	.9	.7	.2							3.0	8.5
NNW	.6	1.0	1.5	.6	.7	.3						4.8	10.0
VARBL													
CALM												9.7	
	5.9	17.8	31.5	25.9	8.0	1.1	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1756

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.0	2.8	1.1	.1	.1						6.3	8.1
NNE	.7	1.5	1.6	.7	.1							4.5	7.5
NE	.5	1.1	1.2	.6	.1							3.5	7.7
ENE	.6	.6	.7	.4								2.3	6.7
E	.2	1.2	1.1	.4								2.9	7.5
ESE	.3	1.3	2.0	.7	.2							4.4	8.1
SE	.6	3.0	10.9	5.7	.4							20.6	9.3
SSE	.6	1.4	5.4	5.7	1.9	.2	.1					15.3	11.5
S	.7	1.5	2.4	2.9	.8	.1	.1					8.5	10.5
SSW	.2	.7	.9	.6	.1	.1						2.6	8.8
SW	.3	.5	.6	.4	.1							1.8	8.2
WSW	.3	.5	.6	.4	.1							2.2	7.6
W	.7	.9	1.1	.7	.2							3.6	8.0
WNW	.2	.6	.5	.4	.3	.1						2.0	10.0
NW	.6	1.3	.9	1.2	.1							4.1	8.2
NNW	.1	1.1	1.3	.8	.9	.1						4.5	10.8
VARBL													
CALM												10.8	
	7.4	19.3	34.0	22.9	5.3	.4	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1792

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	2.4	2.1	.7	.1						6.6	10.2
NNE	.4	1.0	1.3	1.3	.4							4.4	9.7
NE	.5	1.6	.9	.8								3.8	7.1
ENE	.3	.6	1.1	.6								2.7	7.6
E	.2	.7	1.4	.2	.2							2.7	7.8
ESE	.1	1.1	1.5	.8	.3	.1						3.7	9.5
SE	.1	2.9	8.5	6.3	.6	.1						18.5	10.0
SSE	.3	2.1	6.1	6.4	1.7	.1	.1					16.7	11.2
S	.4	1.5	3.6	3.7	1.0	.1						10.2	10.7
SSW	.3	.3	.6	.8	.5							2.5	11.0
SW	.3	1.1	.5	.1	.1							2.1	6.5
WSW	.3	.4	.7	.7	.1							2.2	9.5
W	.7	1.7	1.1	.8	.2	.1						4.6	7.9
WNW	.1	.8	.6	.9	.4							2.8	10.4
NW	.2	1.4	1.3	.8	.9							4.4	9.6
NNW	.2	.5	1.7	1.1	.7	.3						4.6	11.8
VARBL													
CALM												7.4	
	4.5	19.0	33.5	27.3	7.5	.7	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1791

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	2.4	3.6	.8	.2	.1					8.3	11.6
NNE	.1	.9	1.6	1.6	.6							4.7	10.8
NE		.7	1.5	1.1	.2							3.5	9.8
ENE	.1	.6	.8	.7								2.1	9.1
E	.2	.5	1.3	.7								2.7	8.5
ESE	.1	.5	1.4	1.8	.3							4.1	10.7
SE	.1	1.2	2.9	4.6	1.1							9.9	11.6
SSE		.4	3.8	6.1	3.3	.4						14.1	13.5
S	.1	.9	2.5	8.1	4.6	1.1						17.3	14.4
SSW	.2	.5	.9	3.8	2.1	.7						8.2	14.3
SW	.1	1.1	1.2	1.4	.6	.3						4.7	11.6
WSW	.1	.7	.7	.9	.2		.1					2.6	10.7
W	.1	.9	.7	.9	.6	.1	.1					3.3	11.4
WNW		.5	.4	1.6	.7	.1						3.2	12.8
NW	.1	.3	1.2	1.9	.7	.2						4.5	12.9
NNW	.1	.4	1.3	2.3	1.0	.3	.1					5.5	13.1
VARBL													
CALM												1.3	
	1.3	11.1	24.8	41.2	16.7	3.2	.4					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 1794

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	2.9	3.2	.6	.2						7.8	11.7
NNE		.7	1.5	1.5	.6	.1						4.3	11.0
NE	.2	.7	1.6	.8	.2							3.5	9.2
ENE		.6	1.4	.8	.1							2.8	9.4
E	.2	.3	1.2	.8	.2							2.7	10.1
ESE	.1	.3	1.4	1.8	.3	.1						4.0	11.5
SE	.1	.4	2.0	4.6	1.3							8.3	12.7
SSE	.1	.2	2.8	6.0	4.6	.3	.1					14.1	14.5
S	.1	.7	2.5	6.9	5.3	1.2	.3					16.6	15.1
SSW	.1	.4	1.6	3.6	2.6	.6						8.9	14.7
SW		.6	1.8	1.9	.5	.4	.1					5.2	12.9
WSW	.1	.3	.9	1.5	.4	.2	.1					3.6	12.5
W	.1	.2	1.5	1.4	.2	.2						3.5	11.3
WNW		.3	.8	1.2	.7	.1	.1					3.2	13.0
NW		.6	1.1	2.2	1.0	.1						4.9	12.7
NNW		.3	1.3	2.8	1.3	.1						5.9	13.5
VARBL													
CALM												.7	
	1.1	7.4	26.2	40.5	19.9	3.6	.9					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 1792

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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		1.2	2.6	3.1	.6	.1						7.6	11.1
NNE	.1	.9	1.7	2.2	.4							5.3	10.9
NE	.2	.6	1.3	1.2	.1							3.4	9.4
ENE		.6	1.5	.6	.1							2.7	9.4
E	.1	.4	1.4	.9	.1							2.9	10.0
ESE		.2	1.8	2.1	.4	.1						4.6	12.0
SE	.1	.6	3.1	4.6	2.0	.1						10.6	12.6
SSE	.2	.2	2.2	7.0	6.2	.6	.1					16.4	15.2
S	.3	.6	2.3	6.0	3.4	1.3	.3					16.1	15.4
SSW		.4	1.0	2.6	1.4	.3	.1					5.8	14.2
SW		.6	.7	.9	.3	.1	.1					2.8	11.7
WSW	.1	.2	.9	.7	.6	.2	.1					3.0	13.6
W	.2	.4	1.0	1.5	.3	.1						3.5	11.3
WNW	.2	.2	.7	.8	.4	.3						2.6	13.0
NW	.1	.6	2.1	1.9	1.1							5.6	11.8
NNW		.6	1.5	3.0	1.2	.2						6.4	13.0
VARBL													
CALM												.8	
	1.4	8.3	25.8	39.1	20.7	3.4	.6					100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 1791

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	3.3	3.1	.5	.1						9.5	9.7
NNE	.5	1.4	2.0	1.2	.1							5.2	8.3
NE	.3	1.0	1.8	.4		.1						3.5	7.8
ENE	.3	1.6	1.5	1.0	.1							4.5	8.3
E	.3	1.4	2.7	1.1	.1							5.7	8.5
ESE	.1	1.2	2.1	1.5	.3		.1					5.2	10.0
SE	.2	1.7	6.0	7.4	1.2	.1	.1	.1				16.8	11.4
SSE	.2	.7	5.0	8.2	4.2	.9						19.1	13.4
S	.2	.7	2.4	4.3	1.6	.5	.1					9.8	13.2
SSW	.3	.5	.6	1.0		.1						2.5	9.5
SW	.1	.5	.9	.2								1.6	7.7
WSW	.2	.5	.5	.3	.1							1.5	8.6
W		.5	.7	.3	.1							1.6	9.0
WNW		.4	.5	.1	.2	.1						1.3	9.9
NW	.2	.9	1.2	1.1	.3	.3						3.9	10.6
NNW	.2	1.5	1.4	1.5	.2	.1		.1				4.9	10.0
VARBL													
CALM												3.3	
	3.3	16.6	32.0	32.9	9.0	2.1	.2	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 1751

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.3	2.0	2.4	1.6	.3	.3	.1					7.1	9.6
NNE	.8	2.2	2.4	1.2	.1							6.7	7.7
NE	.4	1.7	2.1	.4								5.1	6.8
ENE	.7	1.7	1.4	.2	.1							4.2	6.7
E	.3	1.4	1.4	.5	.2	.1						4.0	8.0
ESE	.1	.8	1.9	1.0	.2							4.0	9.5
SE	.3	2.5	9.4	8.7	1.7	.1						22.8	10.8
SSE	.2	1.3	4.8	8.6	4.1	.9	.2	.1				20.1	13.6
S	.3	1.2	2.1	2.1	1.3	.2						7.1	11.4
SSW		.2	.2	.3	.3							1.1	12.1
SW	.2	.6	.7	.1								1.6	6.3
WSW	.1	.3	.4	.3	.1							1.2	9.4
W	.2	.4	.9	.3	.2							2.1	9.0
WNW	.1	.2	.2	.3	.2	.1						.9	11.4
NW	.3	.8	.8	.7	.2	.1						2.8	9.2
NNW	.2	.9	1.2	.7	.2	.1	.1					3.4	9.3
VARBL													
CALM												6.0	
	5..	18.4	32.4	26.9	9.3	1.7	.3	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 1729

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT WOLTERS AAF TEX/MINERAL WELLS	49-65,67-70	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.1	.7	.2							4.3	7.6
NNE	.5	1.1	.9	.5	.1							3.2	6.9
NE	.6	1.2	.8	.6	.2							3.4	7.3
ENE	.5	.8	.9	.3								2.5	6.6
E	.5	1.0	.7	.3								2.5	6.3
ESE	.3	1.0	1.6	.9	.1							3.9	8.3
SE	.7	4.6	13.8	4.9	.8							24.7	8.9
SSE	.7	1.9	6.6	10.7	3.2	.5						23.6	12.1
S	.7	2.2	2.1	2.8	1.3	.1	.1					9.3	10.4
SSW	.1	.3	.2	.4								.9	8.9
SW	.5	.2	.3	.1								1.1	5.2
WSW	.3	.4	.2	.1								.9	5.4
W	.7	.7	.5	.1	.1	.1						2.1	6.6
WNW	.2	.3	.3	.1				.1				.9	8.5
NW	.3	1.0	.7	.2	.1							2.2	7.1
NNW	.3	.5	.2	.2	.1		.1					1.4	7.7
VARBL													
CALM												13.1	
	7.5	18.7	30.9	22.8	6.0	.8	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1831

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.7	1.5	1.3	.6	.2	.7						4.5	6.0
NNE	.4	1.0	1.7	.4								3.6	7.3
NE	.5	1.1	.7	.2	.2							2.7	6.6
ENE	.5	1.0	.9	.1								2.5	5.9
E	.4	1.0	.7	.1	.1							2.2	6.3
ESE	.4	1.6	2.5	1.0	.1							5.7	8.0
SE	.3	5.4	12.9	4.5	.3							23.5	8.7
SSE	.7	1.8	6.7	7.8	1.5	.2	.1					18.7	11.1
S	.7	1.7	3.1	2.7	.8							9.0	10.1
SSW	.3	.7	.4	.2								1.5	6.3
SW	.2	.7	.5	.1								1.5	6.7
WSW	.3	.8	.8	.2								2.0	6.3
W	.5	.9	.6	.1	.1							2.2	6.0
WNW	.3	.6	.2	.4	.1							1.6	7.3
NW	.4	1.1	.4	.3	.1							2.4	6.8
NNW	.3	.7	.8	.7	.1							2.5	8.1
VARBL													
CALM												14.0	
	7.1	21.6	34.2	19.2	3.4	.4	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1832

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.4	1.7	1.9	.8	.3	.1						5.2	8.7
NNE	.5	1.0	1.5	.9	.1	.1						4.1	8.7
NE	.8	1.2	.7	.4								3.1	6.1
ENE	.5	.9	.9	.3								2.6	6.6
E	.4	1.0	.6	.3								2.3	6.3
ESE	.2	1.3	2.0	.8	.1							4.3	8.2
SE	.9	4.2	10.4	4.7	.8							20.9	9.1
SSE	.4	2.2	6.4	8.0	1.7	.1						18.7	11.2
S	.7	2.2	4.2	4.2	2.0	.1						13.5	11.0
SSW	.3	.9	1.0	.8	.2							3.2	9.1
SW	.2	.4	.9	.3								1.9	8.0
WSW	.5	.7	.6	.3	.1							2.1	6.8
W	.7	.9	.9	.4								3.0	5.6
WNW	.4	.4	.3	.2	.1							1.4	6.4
NW	.3	.5	1.2	.4	.1							2.5	7.8
NNW	.4	.8	1.1	.4	.3							2.9	8.8
VARBL													
CALM												8.4	
	7.5	20.4	34.6	23.0	5.7	.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1831

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.2	.9	2.0	1.0	.2	.2						4.4	9.6
NNE	.2	1.2	1.4	.9	.4	.1						4.2	9.8
NE	.1	.9	1.9	.3	.2							3.4	8.7
ENE		.4	1.0	.4	.1							2.0	9.8
E	.1	.7	1.3	.3	.1							2.3	8.1
ESE		.9	1.4	.9	.2							3.4	9.4
SE	.2	1.3	4.7	3.6	1.0	.3						11.1	11.1
SSE	.1	1.1	4.7	7.3	2.8	.6						16.6	13.0
S	.1	1.6	6.4	9.6	6.3	.7	.1					24.7	13.3
SSW	.1	1.1	1.8	4.1	1.9	.4						9.5	12.8
SW	.6	1.4	1.5	1.5	.1							5.1	8.4
WSW	.2	.4	.7	.4	.3	.1						2.0	10.1
W	.2	.5	.4	.5	.3	.1						1.9	10.1
WNW	.1	.2	.5	.6								1.4	9.6
NW	.1	.7	1.0	.5	.1							2.3	9.3
NNW	.1	.8	1.0	1.2	.3	.1						3.5	10.3
VARBL													
CALM												2.2	
	2.1	14.1	31.7	33.2	14.2	2.4	.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 1837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	2.1	1.4	.4	.1						5.0	9.9
NNE		.6	1.7	1.1	.3	.1						3.8	10.6
NE	.1	1.0	1.5	.7	.2							3.5	9.0
ENE		.9	.8	.5	.1							2.2	8.7
E	.2	.4	1.0	.7								2.3	8.9
ESE	.1	.5	1.4	1.1	.2							3.2	10.2
SE	.2	1.0	4.0	4.6	1.3	.1						11.1	11.6
SSE	.3	.9	3.5	9.4	4.6	.7	.1					19.6	13.8
S	.3	1.7	5.1	10.0	5.8	.9						23.8	13.5
SSW	.1	.6	2.1	3.5	1.8	.4	.2					8.6	13.7
SW	.1	.7	.8	1.0	.2							2.8	10.2
WSW	.1	.5	.8	.4	.1							1.9	8.8
W	.2	.4	.7	.7	.2	.1						2.2	10.0
WNW		.3	.7	.9	.1							2.0	10.7
NW	.3	.5	1.1	.9	.2							2.9	9.0
NNW	.1	.4	1.3	1.0	.2	.1						3.0	10.7
VARBL													
CALM												2.0	
	2.1	11.5	28.4	37.8	15.0	2.4	.2					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 1839

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.3	.4	1.4	1.8	.4	.1						4.2	11.0
NNE	.1	1.1	2.3	1.1	.2	.1						4.9	9.2
NE	.2	.9	2.1	.7	.1							4.0	8.7
ENE	.2	.7	1.4	.2	.1							2.6	7.9
E	.3	.7	1.8	1.0	.1							3.8	9.0
ESE	.2	.7	2.5	1.9	.5							5.7	10.3
SE	.1	1.1	5.3	6.2	1.9	.2						14.8	12.0
SSE	.2	.9	4.3	9.9	7.6	.9	.1					23.9	14.4
S	.2	1.1	4.6	8.2	4.8	.5	.1					19.5	13.4
SSW	.1	.8	1.1	1.6	.8	.2						4.6	12.0
SW	.1	.5	.5	.5	.2							1.7	9.8
WSW		.3	.4	.2								.9	8.6
W	.2	.1	.3	.6	.1							1.2	9.9
WNW	.1	.1	.5	.3	.1							1.0	10.4
NW	.1	.6	.9	.7								2.3	8.9
NNW	.1	.3	1.1	1.4	.4	.1						3.4	11.3
VARBL													
CALM												1.6	
	2.3	10.1	30.4	36.2	17.1	2.0	.2					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 1827

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	1.8	1.2	.4	.2						5.5	9.2
NNE	.6	1.4	2.0	.9	.1							4.9	7.8
NE	.6	2.1	1.3	.5	.2							4.7	7.0
ENE	.3	1.4	1.4	.4	.1							3.5	7.2
E	.4	1.7	2.5	.4	.1							5.1	7.2
ESE	.4	2.1	3.0	1.3	.2							6.9	8.2
SE	.4	3.5	9.8	7.3	1.8							22.8	10.4
SSE	.2	1.8	6.6	12.1	4.7	.4						25.9	12.7
S	.5	1.2	3.5	4.0	1.1	.1						10.4	11.0
SSW	.1	.3	.4	.4	.1							1.3	9.4
SW		.2	.1	.1								.4	8.1
WSW	.1	.1		.2	.1							.4	12.6
W	.2	.2	.3	.2								.9	8.2
WNW		.2	.1	.1								.4	9.0
NW	.2	.4	.3	.2	.1		.1					1.2	9.9
NNW	.1	.4	1.1	.2	.1	.1						1.9	8.5
VARBL													
CALM												3.7	
	4.6	18.3	34.1	29.6	8.9	.8	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 1792

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.0	.8	1.0	.4	.2	.1						3.2	8.2
NNE	.8	1.7	1.5	.6	.1							4.6	6.8
NE	.6	2.2	1.3	.7	.2							4.9	7.3
ENE	.2	1.3	.7	.2	.1							2.5	6.6
E	.4	1.4	1.2	.6			.1					3.7	7.5
ESE	.3	2.3	2.8	.7	.1	.1						6.1	7.7
SE	.5	5.5	13.2	6.4	1.5	.1						27.2	9.5
SSE	.4	1.9	9.4	11.5	4.1	.3	.1					27.6	12.0
S	.6	1.2	2.0	1.6	.6	.2	.1					6.1	10.0
SSW	.1	.2	.3	.4	.1	.1						1.1	10.7
SW	.2	.1	.4									.7	6.5
WSW		.2	.2	.2								.5	8.9
W	.2	.1	.4			.1						.7	8.5
WNW	.2	.3	.2	.2								.8	6.9
NW	.2	.5	.3	.2								1.2	6.7
NNW	.3	.4	.6	.2	.1							1.7	7.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.3	
	5.4	20.1	35.5	23.7	7.0	.7	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1790

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.2	1.1	.4	.1	.1		.1					1.9	7.0
NNE	.2	.7	.8	.1								1.9	6.7
NE	.7	1.5	.8	.1		.1						3.2	5.8
ENE	.5	1.2	.5	.3								2.5	6.3
E	.5	1.1	1.2	.2								3.0	6.4
ESE	.4	2.2	2.1	.5	.1							5.2	7.0
SE	.4	6.3	16.8	5.0	.6							29.1	8.7
SSE	1.2	2.9	9.0	8.1	3.0							24.1	10.8
S	1.1	1.5	2.8	5.3	1.6	.1						12.3	11.2
SSW	.1	.5	.4	.4	.2							1.4	10.4
SW	.3	.2	.2			.1	.1					.8	7.5
WSW	.2	.2	.2	.2	.1	.1	.1					1.1	10.7
W	.3	.6	.2		.1							1.2	6.3
WNW		.3	.2	.1	.1							.6	7.8
NW	.1	.3	.2	.1								.6	7.4
NNW	.2	.5	.4	.1		.1						1.3	7.7
VARBL													
CALM												9.8	
	6.3	20.8	36.3	20.5	5.9	.3	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1774

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) — FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) — 49-65,67-70 (YEARS) — JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.0	.3								3.0	6.6
NNE	.3	1.1	.8	.1								2.3	6.3
NE	.6	1.3	1.0	.4	.2		.1					3.5	7.7
ENE	.2	1.1	.2	.2	.1							1.7	6.4
E	.6	1.2	.9	.2								2.8	6.0
ESE	.6	2.1	1.9	.2	.1							4.9	6.4
SE	1.5	7.5	15.0	2.6	.4							27.0	7.7
SSE	.8	3.5	6.7	8.1	1.2							20.4	10.2
S	1.1	2.5	4.4	4.9	1.1							14.1	10.0
SSW	.5	.5	.6	.4								2.0	7.1
SW	.4	.6	.2	.2		.1						1.3	6.5
WSW	.2	.2	.1	.1	.1	.1	.1					.7	9.8
W	.1	.6	.3	.1	.1							1.2	7.7
WNW	.1	.6	.5	.1	.1							1.3	6.9
NW	.1	.4	.2	.1								.8	6.5
NNW	.3	.4	.2	.1								1.0	5.4
VARBL													
CALM												12.1	
	7.8	24.8	33.8	17.9	3.4	.1	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1783

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.2	1.1	1.0	.6	.1							2.9	7.7
NNE	.2	.7	1.0	.3	.1	.1						2.3	7.9
NE	.3	1.2	1.1	.5	.1							3.1	7.6
ENE	.6	.6	.5	.2	.1							1.9	6.2
E	.2	.8	1.0	.2								2.1	7.1
ESE	.0	1.7	2.0	.6	.1							4.9	7.2
SE	.4	7.0	10.0	3.9	.2							21.6	8.3
SSE	.6	2.7	6.9	6.6	1.5							18.2	10.4
S	1.3	2.5	6.3	7.0	2.6	.3	.1					20.3	11.2
SSW	.5	.8	1.6	1.7	.8	.2						5.5	10.8
SW	.4	.4	.9	.5	.1							2.3	8.5
WSW	.3	.4	.3	.2								1.2	6.8
W		1.1	.4	.1								1.6	6.3
WNW	.1	.1	.3	.2								.7	8.0
NW	.2	.3	.7	.3	.1							1.6	9.0
NNW	.1	.6	.4	.2	.1							1.4	7.4
VARSL													
CALM												8.3	
	5.5	21.9	34.3	23.7	5.7	.5	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1785

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT WOLTERS AAF TEX/MINERAL WELLS	49-65,67-70	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.6	.4	.1							2.9	8.8
NNE	.2	.8	1.2	.3	.1							2.7	7.9
NE	.2	.7	1.3	.3	.1	.1						2.6	8.1
ENE	.3	.7	.7	.3								2.1	7.2
E	.3	1.2	.8	.4								2.6	7.2
ESE	.2	1.0	1.9	.7	.1							3.8	8.2
SE	.1	1.2	4.2	3.1	.4							9.0	10.3
SSE	.4	1.8	4.4	6.3	2.3	.3						15.5	11.7
S	.3	1.6	7.3	13.8	4.8	.8	.1					28.8	13.1
SSW	.1	1.2	2.7	7.0	2.6	.2						13.9	12.9
SW	.2	1.2	2.3	1.5	.4	.1						5.7	9.9
WSW	.3	.7	1.1	.1								2.2	6.8
W		.4	.7	.2								1.5	7.7
WNW		.4	.4	.3								1.2	8.6
NW		.4	.7	.7	.1							1.9	10.0
NNW		.2	.3	.3	.1							.9	9.9
VAPBL													
CALM												2.6	
	2.6	14.1	31.6	35.1	11.1	1.5	.1					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 1783

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.2	.6	.1							3.0	8.1
NNE	.1	.9	1.7	.4	.1							3.1	8.2
NE	.1	.5	1.6	.4	.1							2.6	8.7
ENE	.1	.9	1.2	.5								2.7	8.2
E	.1	1.0	1.7	.5								3.3	8.1
ESE	.2	1.1	2.1	1.4	.1							4.9	9.0
SE	.5	1.6	4.4	4.0	.7							11.3	10.2
SSE	.4	1.7	5.2	9.1	3.6	.4						20.4	12.5
S	.3	1.7	5.3	12.6	5.0	.7	.1					25.7	13.3
SSW	.1	.6	3.3	4.4	2.6	.3						11.3	13.0
SW	.1	.7	1.4	.9								3.1	8.8
WSW	.2	.5	.6	.2								1.5	7.0
W	.2	.4	.4	.3								1.3	7.6
WNW	.1	.2	.6	.1	.1							1.2	8.8
NW		.2	.7	.6	.2							1.7	10.8
NNW	.1	.2	.7	.7	.1							1.7	10.3
VARBL													
CALM												1.2	
	2.5	13.3	32.0	36.7	12.7	1.4	.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 1783

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.2	.7	1.8	.8	.1	.1						3.7	9.0
NNE	.2	.7	1.7	.8	.1							3.4	9.0
NE	.1	.8	1.0	.3								2.3	7.8
ENE	.1	.9	1.4	.8	.1							3.3	9.0
E	.2	.6	1.6	1.1								3.5	9.2
ESE	.2	1.0	3.5	1.7	.2	.1						6.6	9.7
SE	.2	1.2	5.6	7.9	2.1							17.0	11.7
SSE	.3	1.5	5.7	13.0	4.7	.2						25.4	13.0
S	.2	1.0	4.9	9.1	5.1	.8	.1					21.1	13.6
SSW	.1	.7	1.6	1.5	1.1	.1						5.1	11.6
SW	.3	.6	.6	.4	.1							1.9	7.5
WSW	.1	.3	.5	.1								1.0	7.6
W	.1	.2	.2	.1								.5	6.4
WNW	.1	.1	.1	.1	.2							.6	11.8
NW	.1	.2	.4	.3	.1							1.1	9.4
NNW		.3	1.1	.8								2.2	9.9
VARBL													
CALM												1.4	
	2.4	10.9	31.6	38.8	13.7	1.2	.1					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 1777

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.3	.9	.5	.5	.1							2.2	7.7
NNE	.1	1.1	1.2	.2	.1							2.8	7.4
NE	.3	1.3	1.5	.5	.2							3.9	7.6
ENE	.2	1.3	1.8	.8	.1							4.1	8.3
E	.3	1.7	2.4	.9	.1							5.4	8.0
ESE	.3	1.9	5.1	2.4	.3							10.1	9.1
SE	.3	3.8	11.5	9.1	1.8							26.8	10.3
SSE	.3	1.8	7.2	10.7	2.8	.1						23.1	11.9
S	.3	1.5	3.9	5.4	2.0							13.1	11.6
SSW		.1	.3	.3	.1							.8	10.2
SW	.1	.5	.2		.1							.9	6.5
WSW		.2	.1									.3	6.5
W	.1	.2	.1	.1	.1							.5	9.8
WNW		.1	.1	.2								.3	9.3
NW		.7	.3	.1								1.1	6.3
NNW	.1	.2	.3	.4	.1							1.1	9.8
VARBL													
CALM												3.3	
	3.3	17.5	36.6	31.6	7.8	.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.3	.3								1.6	6.7
NNE	.1	.9	.7	.2								2.0	7.1
NE	.4	1.9	.7	.1								3.1	5.6
ENE	.3	1.4	.6	.5	.1							2.9	7.1
E	.3	1.5	1.7	.7								4.2	7.4
ESE	.1	2.8	5.1	1.0	.1							9.1	7.8
SE	.5	5.5	17.2	8.0	1.6							32.8	9.5
SSE	.5	2.9	9.1	10.2	2.3	.1						25.1	11.0
S	.6	1.4	3.5	2.2	.7	.1						8.5	9.9
SSW	.1	.1	.4	.1	.1							.7	6.8
SW	.2	.3	.1	.1	.1							.7	6.3
WSW	.2	.1	.1		.1							.5	6.1
W	.1	.1		.1								.3	7.4
WNW	.1	.1	.1									.2	5.3
NW	.1	.3	.3	.1								.9	7.3
NNW	.2	.3	.2					.1				.7	8.1
VARBL													
CALM												6.3	
	4.2	20.2	40.0	23.0	5.0	.2		.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1734

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.4	.4	.3	.2								1.2	6.7
NNE	.6	1.4	.6	.4								3.0	6.2
NE	.8	1.4	.4	.1								2.7	5.0
ENE	.3	.8	.7	.1								2.1	5.8
E	.8	1.1	1.2									3.1	5.8
ESE	.8	2.7	2.3	.2								6.0	6.1
SE	1.1	10.4	22.5	3.6	.5							38.1	7.9
SSE	1.1	3.1	10.3	6.4	.7							21.5	9.5
S	1.2	2.2	2.1	2.5	1.1	.1						9.2	9.6
SSW	.1	.7	.1		.1							.9	5.3
SW	.2	.1	.1									.4	4.6
WSW	.2	.1	.1									.3	4.8
W	.1	.2	.2	.1								.4	6.9
WNW	.2	.1	.1									.3	4.3
NW	.1	.1	.1									.2	5.0
NNW	.1	.2	.1									.4	4.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.0	
	8.1	24.9	41.1	13.5	2.3	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1833

USAFETAC FORM JUL 64 0 8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.3	1.3	.6	.4								2.6	6.7
NNE	.5	.8	.8	.1	.1							2.2	6.3
NE	1.1	1.1	.5	.1								2.7	4.7
ENE	.3	.9	.3									1.6	5.1
E	1.1	1.3	.8	.1								3.2	5.3
ESE	.5	3.3	1.4	.1								5.9	5.6
SE	1.1	13.2	17.1	1.5	.2							33.2	7.0
SSE	.9	4.8	8.3	4.1	.3							18.4	8.5
S	1.3	3.4	3.4	2.2	.4							10.7	8.0
SSW	.2	.3	.2									.9	4.7
SW	.2	.3	.2									.7	4.8
WSW	.3	.1	.1									.5	4.7
W		.3	.2									.5	6.1
WNW	.1	.1	.1	.1								.3	6.0
NW	.2	.3	.1	.1								.6	5.7
NNW	.3	.3	.1									.7	4.2
VARBL													
CALM												15.2	
	8.3	32.7	34.1	8.7	1.0							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1838

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT WORTH AAF TEX/MINERAL WELLS	49-65,67-70	JUL
STATION	STATION NAME	YEARS	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	1.1	.7	.2								2.5	6.2
NNE	.3	.7	1.0	.3								2.2	7.3
NE	.3	1.4	1.6	.1								3.4	6.5
ENE	.2	.4	.4	.1								1.1	6.9
E	.6	.8	1.0	.1								2.5	6.0
ESE	.5	2.8	1.6	.2	.1							5.2	6.2
SE	1.4	9.3	13.8	1.5	.1							25.7	7.3
SSE	.7	3.6	8.1	4.5	.2							16.6	8.7
S	1.8	4.6	5.6	5.1	.5	.1						16.9	9.0
SSW	.6	1.1	2.2	2.1	.5							6.5	9.8
SW	.3	.8	1.4	1.1	.1							3.6	8.8
WSW	.2	.5	.5	.2								1.5	7.2
W	.2	.4	.4	.1								1.1	6.1
WNW	.2											.2	3.0
NW	.1	.4	.2	.1								.8	5.5
NNW	.1	.4	.5	.1								1.1	7.0
VARBL													
CALM												3.1	
	6.8	28.4	39.0	15.1	1.5	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1836

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WELTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.4	.4	.9	.2								1.9	7.0
NNE	.4	.7	1.3	.4								2.7	7.7
NE	.4	.8	1.4	.4								2.9	7.4
ENE	.2	.6	1.0	.4								2.2	8.0
E	.5	.7	1.2	.4								2.8	7.3
ESE	.1	.6	1.5	.2								2.3	8.0
SE	.1	2.1	3.2	.8	.2							6.4	8.0
SSE	.3	2.0	4.4	1.4	.5							10.6	9.8
S	.5	3.4	7.5	9.0	2.8	.1						23.3	11.1
SSW	.3	2.5	7.5	7.7	1.8	.1						20.0	10.8
SW	.4	2.7	6.5	3.3	.3							13.2	9.0
WSW	.2	1.3	2.2	.8	.1							4.6	8.0
W	.3	.9	.9	.2								2.2	6.6
WNW	.2	.2	.3	.1								.8	6.2
NW	.1	.4	.5	.1								1.0	7.0
NNW		.3	.5	.2								1.0	8.5
VARBL													
CALM												2.1	
	4.4	19.0	40.7	27.5	5.0	.2						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1836

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT WOLTERS AAF TEX/MINERAL WELLS	49-65,67-70	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	.7	.4	.1	.1						2.0	8.8
NNE	.1	.9	1.7	.7	.2							3.6	9.1
NE	.3	.7	2.1	.7	.2							3.9	8.7
ENE	.4	1.0	1.6	1.1		.1						4.2	8.4
E	.3	1.3	1.7	1.2	.2							4.6	8.8
ESE	.1	1.4	2.1	.9	.1							4.6	8.5
SE	.3	2.7	4.7	3.3	.2							11.2	9.2
SSE	.5	2.1	4.9	6.9	1.7							16.1	10.9
S	.4	3.1	5.6	8.2	3.1	.1						20.5	11.4
SSW	.3	1.4	6.1	4.4	1.3	.1						13.5	10.7
SW	.3	1.4	3.0	1.1	.1							5.9	8.3
WSW	.2	.7	1.1	.3								2.2	7.4
W	.2	.7	.7	.3								1.9	7.2
WNW	.1	.5	.4	.1								1.1	7.0
NW	.2	.3	.3	.1								.9	6.9
NNW		.2	.5	.2								.9	9.4
VARBL													
CALM												2.8	
	3.1	18.9	37.3	29.8	7.2	.3						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 1836

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT HUTCHERS AAF TEX/MINERAL WELLS	49-65,67-70	JUL
STATION	STATION NAME	YEARS	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	.8	.4	.2							1.9	9.7
NNE	.1	.9	2.2	.7	.2							4.1	8.7
NE	.2	1.0	2.4	.8	.4							4.8	9.2
ENE	.1	.7	1.8	1.2	.3							4.1	10.1
E	.3	1.4	2.2	1.8	.2							5.9	9.0
ESE	.1	1.8	3.0	2.1	.4							7.3	9.4
SE	.3	2.1	6.1	7.0	.8							16.3	10.6
SSE	.1	2.7	6.9	8.5	2.5	.1						20.9	11.4
S	.1	2.6	6.9	8.4	2.5	.3	.1					20.9	11.5
SSW	.1	.7	2.1	2.6	.7							6.2	11.1
SW	.1	.5	.9	.9	.1							2.5	9.6
WSW		.3	.3									.6	6.5
W	.1	.6	.1	.1	.1							1.0	7.1
WNW		.3	.4	.2	.1							.9	8.5
NW	.1	.3	.3									.7	6.5
NNW	.1	.3	.2	.1								.7	6.9
VARBL													
CALM												1.2	
	1.8	16.9	36.5	34.9	8.4	.4	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1827

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WELTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	.4	.2			.2					1.3	9.7
NNE	.2	1.2	1.4	.3	.1							3.1	7.6
NE	.8	2.1	1.4	.6	.2							4.6	7.2
ENE	.2	1.1	2.6	.7	.1	.1						4.9	8.3
E	.1	2.2	4.0	.9								7.8	7.7
ESE	.3	2.2	3.7	2.0	.1							8.3	8.3
SE	.4	5.8	14.4	7.7	.6							28.9	9.3
SSE	.2	2.0	8.6	7.6	1.5							20.3	10.5
S	.3	1.6	4.1	4.5	1.3	.1						12.0	11.0
SSW		.1	.8	.8								1.7	9.7
SW	.2	.3	.6	.1	.1							1.1	7.3
WSW	.1	.2	.3	.1								.6	7.1
W		.1	.2	.1								.3	7.8
WNW		.1	.1	.1	.1							.3	10.7
NW	.1	.2	.1	.1	.1							.5	6.9
NNW	.1	.2	.2	.2	.1							.7	8.8
VARBL													
CALM												3.2	
	3.3	20.4	42.8	25.6	4.2	.1	.2					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 1787

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	.4	.6	.3	.1	.1							1.5	5.9
NNE	.6	1.2	.8	.1	.1							2.9	6.3
NE	.6	2.2	1.2	.6	.1							4.6	6.7
ENE	.8	1.5	1.0	.3	.1							3.7	6.6
E	.6	1.8	2.0	.6	.1							5.0	7.2
ESE	.6	3.1	3.9	.9	.3							8.8	7.7
SE	.8	9.7	19.9	4.7	.6							35.7	8.1
SSE	1.1	3.7	12.0	6.2	1.0							24.0	9.3
S	.4	2.1	2.1	1.7	.4	.1						6.8	9.1
SSW		.4	.2	.1								.7	7.1
SW	.1	.3		.1								.4	6.0
WSW			.2									.2	8.3
W	.1	.1	.1									.3	4.8
WNW	.1	.1										.1	4.0
NW		.2										.2	5.3
NNW	.1		.1	.1								.2	7.0
VARBL													
CALM												5.1	
	6.4	28.8	43.6	15.5	2.7	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1787

USAFETAC FORM 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	1.3	.3	.3	.1							2.3	6.1
NNE	.6	1.6	.9	.1	.1							3.3	5.9
NE	1.1	1.8	.7	.2								3.8	5.2
ENE	.7	1.1	.3	.1								2.2	4.8
E	.5	1.0	1.0	.1								2.6	5.8
ESE	.8	4.1	2.0	.2								7.1	5.8
SE	1.1	10.0	22.1	2.6	.2							35.9	7.6
SSE	.8	3.4	9.3	3.6	.5							17.6	8.9
S	1.4	2.7	2.3	2.2	.3							8.3	8.2
SSW	.4	.5	.2	.1								1.1	5.0
SW	.4	.2	.1									.7	4.0
WSW	.4	.3	.1									.8	3.9
W	.2	.2	.1	.1								.4	6.0
WNW	.1	.1										.1	4.0
NW	.2	.1										.3	2.8
NNW	.1	.2	.2	.1								.6	7.2
VARBL													
CALM												12.9	
	9.2	27.9	39.4	9.6	1.0							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1836

USAFETAC FORM 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT WOLTERS AAF TEX/MINERAL WELLS	49-65,67-70	AUG
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	.7	.1	.1							2.6	6.4
NNE	.4	1.1	.8	.1	.1							2.3	5.9
NE	1.1	1.9	.7									3.6	5.0
ENE	.8	.9	.3									1.7	4.3
E	1.0	1.0	.5									2.5	4.7
ESE	.8	3.1	1.7	.3								5.9	5.8
SE	2.2	13.7	17.4	1.3								34.6	6.8
SSE	1.4	3.9	6.6	2.0	.1							14.0	7.6
S	1.3	2.1	3.0	1.2	.1							7.7	7.3
SSW	.1	.5	.2									.8	5.4
SW	.5	.2	.1									.8	4.0
WSW	.4	.4		.1								.9	4.2
W	.4	.3	.1									.8	4.1
WNW		.3	.1									.4	4.6
NW	.3	.3										.6	3.5
NNW	.4	.3	.4	.2		.1						1.3	7.7
VARBL													
CALM												19.5	
	11.2	31.0	32.7	5.2	.4	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1841

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L or Z))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.7	.8	.3								3.2	6.0
NNE	.4	1.6	.8	.3								3.0	6.4
NE	.9	.9	1.4	.2	.1							3.5	6.3
ENE	.4	.8	.4	.1								1.6	5.1
E	.5	1.0	.5									2.1	5.2
ESE	.2	2.9	1.7	.3								5.5	6.1
SE	1.7	10.6	14.7	1.9								28.9	7.0
SSE	.8	4.6	6.6	2.6	.3							14.8	8.1
S	1.4	3.0	4.1	2.5	.4							11.4	8.2
SSW	.5	.8	1.4	1.0	.3							4.0	8.9
SW	.2	.9	1.0	.6								2.8	8.1
WSW	.1	.3	.3	.1								.8	6.8
W	.2	.5	.3									1.0	5.6
WNW	.2	.1	.1	.1								.4	5.4
NW	.3	.2	.1									.6	4.1
NNW	.3	.4	.6	.2								1.5	7.1
VARBL													
CALM												14.9	
	8.9	30.4	34.7	10.0	1.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1842

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.3	.8	1.4	.4								2.9	7.4
NNE	.3	.8	2.0	.6								3.7	7.9
NE		.5	2.3	.6	.1							3.5	8.8
ENE	.2	.4	1.0	.4		.1						2.1	8.7
E	.2	1.2	.7	.2	.1							2.4	6.7
ESE	.3	1.1	2.0	.4								3.9	7.5
SE	.3	2.4	5.1	1.5	.1							9.3	8.1
SSE	.7	2.8	5.9	2.9	.4							12.8	8.8
S	.5	3.8	6.9	5.3	1.6	.1						18.3	10.1
SSW	.7	2.3	6.2	4.9	.9	.2						14.8	10.2
SW	.3	3.2	5.5	2.6	.2							11.8	8.7
WSW	.3	1.7	2.2	1.2								5.4	8.0
W	.2	.9	1.7	.3								3.1	7.5
WNW		.4	.2									.5	6.2
NW	.2	.1	.5	.1								.8	7.2
NNW	.1	.4	.4	.3	.1							1.2	8.9
VARBL													
CALM												3.5	
	4.9	23.0	44.0	21.8	3.4	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1841

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.2	.6	.1							3.6	7.9
NNE		1.3	2.1	1.0	.1							4.1	8.9
NE	.1	1.1	2.2	.7	.1					.1		4.2	8.6
ENE		.7	2.0	.8		.1						3.5	9.0
E	.2	1.4	2.3	.5	.1							4.4	7.9
ESE	.1	1.8	3.3	1.4		.1						6.6	8.7
SE	.1	2.9	6.0	2.7	.3							12.1	8.8
SSE	.1	2.2	6.5	4.8	.9	.1						14.6	10.1
S	.3	3.3	7.2	5.3	1.5	.2						17.7	10.3
SSW	.2	2.0	4.3	3.7	1.0	.2						11.3	10.4
SW	.4	1.8	1.8	1.0								5.0	7.7
WSW	.1	1.4	1.0	.2								2.7	6.7
W	.4	.9	.9	.2								2.4	6.4
WNW	.2	.7	.5	.1								1.4	6.0
NW	.1	.5	.3	.2								1.1	7.0
NNW	.1	.7	1.1	.5	.2							2.6	9.1
VARBL													
CALM												2.7	
	2.5	23.6	42.7	23.9	4.1	.3				.1		100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1842

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03945	FT WOLTERS AAF TEX/MINERAL WELLS	49-65,67-70	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	1.2	.9	.1							3.1	9.0
NNE	.2	1.0	2.8	1.5	.2							5.7	9.1
NE	.2	1.8	2.1	1.0	.1							5.2	8.3
ENE	.1	.9	2.1	.7	.1							3.9	8.8
E	.1	1.7	2.8	1.0	.3							5.8	8.9
ESE	.2	1.9	5.7	2.6	.1							10.5	9.0
SE	.3	2.8	9.1	6.5	.5	.1						19.5	9.6
SSE	.1	2.0	5.8	6.1	.8							14.7	10.7
S	.3	3.1	6.2	6.1	1.4	.1						17.3	10.3
SSW	.2	1.4	1.5	1.6	.4							5.1	9.6
SW	.2	.7	.9	.3	.1							2.1	8.4
WSW	.2	.5	.4	.3	.1							1.5	8.1
W	.2	.4	.4	.1	.1							1.1	6.8
WNW		.2	.3	.1								.5	8.2
NW	.1	.3	.1	.1								.7	6.9
NNW	.1	.3	.5	.4	.1	.1						1.5	10.1
VARBL													
CALM												1.8	
	2.9	19.8	42.0	29.2	4.1	.2						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 1832

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	1.1	.7	.2							3.1	8.6
NNE		1.7	1.7	.4								3.8	7.5
NE	.6	2.6	2.0	.6								5.7	6.9
ENE	.0	1.5	1.3	.4	.2							3.9	7.1
E	.4	3.0	3.5	1.2	.1							8.2	7.5
ESE	.4	4.4	6.9	2.4				.1				14.2	8.0
SE	.4	7.6	15.4	6.3	.3							29.9	8.6
SSE	.3	2.6	5.9	5.2	.6	.1						14.7	9.9
S	.4	2.6	3.3	2.1	.4							8.7	8.9
SSW	.1	.7	.6	.2	.1							1.6	7.5
SW	.1	.2	.5	.2	.1			.1				1.1	9.6
WSW	.2	.1	.1	.1			.1					.6	7.8
W	.1	.3	.2	.1								.6	6.5
WNW	.1			.1								.1	8.0
NW	.1	.4	.1	.1								.6	5.3
NNW		.2	.1	.3								.6	10.3
VARBL													
CALM												2.5	
	3.9	28.8	42.5	20.2	1.8	.1	.1	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1783

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.0	.6	.3	.2							2.8	7.4
NNE	.3	1.2	1.3	.3								3.2	6.9
NE	1.1	2.0	1.6	.2								4.8	6.1
ENE	.9	1.6	1.1	.2								3.7	5.7
E	.6	2.3	1.8	.4								5.3	6.5
ESE	.3	4.3	4.8	.6	.1							10.2	7.0
SE	1.1	10.9	22.7	3.5	.2							38.4	7.7
SSE	.8	3.4	9.2	3.9	.5							17.8	8.8
S	.5	1.5	1.6	1.0	.1							4.7	8.1
SSW	.1	.3	.1		.1							.5	6.9
SW	.2	.3	.1	.1								.6	5.8
WSW	.1	.1			.1							.2	8.3
W	.1	.2	.1									.3	5.7
WNW	.1	.1	.3		.1							.5	8.3
NW	.2	.2	.1									.5	4.5
NNW	.2	.3	.1	.2								.7	6.3
VARBL													
CALM												5.7	
	7.5	29.8	45.4	10.3	1.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1777

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	1.6	.6	.2							5.4	7.2
NNE	.8	2.0	1.7	.5	.1							5.0	6.7
NE	1.[illegible]	1.8	1.1	.3	.1							4.4	6.1
ENE	.6	1.1	.9	.1								2.8	5.5
E	.5	1.4	1.0									2.9	5.7
ESE	.8	3.6	2.0	.2								6.6	5.9
SE	1.5	10.2	17.8	2.9	.1							32.5	7.4
SSE	.7	2.3	4.9	2.8	.3							10.9	8.9
S	.6	1.8	1.1	1.5	.1							5.1	8.2
SSW	.1	.9	.2	.1								1.0	6.1
SW	.6	.1	.1	.1								.8	4.7
WSW	.2	.3	.1									.6	4.0
W	.5	.3	.1	.1								1.0	5.1
WNW	.1	.1	.2	.1	.1							.6	9.9
NW	.6	.5	.2	.1								1.6	4.8
NNW	.8	.5	.3	.2	.1							1.5	7.2
VARBL													
CALM												17.4	
	9.8	28.8	33.2	9.8	1.0							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1770

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT WORTH AAF TEX/MINERAL WELLS	49-65,67-70	SEP
STATION	STATION NAME	YEARS	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	1.9	2.0	.7	.1							5.5	6.0
NNE	.5	1.4	1.6	.5								4.0	7.1
NE	1.1	2.1	.7	.3	.1							4.3	5.6
ENE	.7	1.1	.6	.1								2.4	5.2
E	1.1	1.7	.2									2.9	4.3
ESE	.6	3.6	2.2	.2								6.5	6.0
SE	1.5	10.8	13.7	1.4								27.3	6.9
SSE	.6	2.2	4.6	2.2	.1							9.6	8.4
S	.9	1.3	1.5	.6	.1							4.4	7.1
SSW	.3	.2	.1	.1		.1						.7	7.5
SW	.4	.3	.3	.1								1.2	5.9
WSW	.3	.3	.1									.7	4.3
W	.6	.6	.1	.1								1.5	3.9
WNW	.2	.3	.1	.1	.1							.8	7.4
NW	.8	.6	.8	.1								2.3	6.0
NNW	.3	1.2	.8	.3	.1							2.7	7.2
VARBL													
CALM												23.3	
	10.8	29.4	29.3	6.6	.5	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1776

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	2.5	1.1	.1							6.6	7.7
NNE	.5	1.5	1.2	1.0	.1	.1						4.3	8.1
NE	1.3	2.0	1.6	.1	.1	.1						5.2	6.0
ENE	.7	1.3	.6	.2								2.8	5.5
E	.7	1.2	.7	.2		.1						2.9	6.0
ESE	.6	2.6	2.1	.2	.1							5.6	6.6
SE	1.1	9.5	13.1	1.7	.1							25.5	7.3
SSE	.6	2.1	5.9	2.5	.2							11.3	8.7
S	1.2	1.2	2.0	1.4	.2							6.0	8.0
SSW	.2	.6	.4	.5	.1							1.7	8.2
SW	.2	.4	.2									.8	5.3
WSW	.1	.3										.5	3.9
W	.7	1.2	.3									2.2	4.7
WNW	.1	.5	.1	.1	.2							.8	7.9
NW	.7	.8	.6	.2								2.3	5.5
NNW	.3	1.0	.9	.2	.1							3.1	6.3
VARBL													
CALM												13.2	
	10.2	28.9	32.0	9.5	1.0	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1776

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.2	1.4	3.0	1.0	.2							5.7	8.4
NNE	.2	1.4	2.9	1.2	.1							5.7	8.4
NE	.3	1.2	2.5	1.2								5.2	8.5
ENE	.3	.9	1.6	.4								3.2	7.6
E	.5	.9	1.8	.6								3.8	7.5
ESE	.4	1.4	1.7	.5								3.9	7.4
SE	.6	2.6	5.1	2.9								11.1	8.6
SSE	.3	2.1	5.2	4.2	.7							12.6	10.1
S	.6	2.8	6.4	5.9	2.0	.2						17.9	10.8
SSW	.2	1.4	3.4	3.2	1.4							9.5	11.1
SW	.3	1.4	2.4	.9	.1							5.0	8.3
WSW	.3	1.0	1.3	.3								2.9	7.0
W	.7	1.0	.6	.5								2.8	6.3
WNW	.1	.4	.4	.3								1.2	7.9
NW	.2	1.0	.5	.5								2.3	7.6
NNW	.2	.5	1.2	.8	.1							2.8	9.1
VARBL													
CALM												4.3	
	5.7	21.2	39.9	24.4	4.5	.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1776

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.4	1.2	2.8	1.7	.1							6.2	8.8
NNE	.3	1.4	3.2	2.3								7.2	9.0
NE	.3	1.7	2.6	.8	.2	.1						5.7	8.1
ENE	.2	1.2	1.7	.5	.2							4.0	8.3
E	.3	1.6	3.0	.7	.1							5.7	7.8
ESE	.1	1.4	2.1	1.1	.2							5.0	8.0
SE	.2	2.2	4.6	3.7	.4	.1						11.1	9.7
SSE	.3	1.4	4.5	5.2	1.0							12.4	10.8
S	.3	2.4	6.1	5.4	2.2	.1						16.5	10.9
SSW	.1	.7	2.9	3.4	1.4	.1						8.6	12.0
SW	.2	1.1	1.5	1.1	.2							4.2	8.9
WSW	.1	.6	.9	.2	.1							1.8	7.1
W	.1	.7	.8	.1	.1							1.7	7.2
WNW	.1	.6	.3	.5								1.6	8.0
NW	.1	.8	1.0	.2								2.1	7.2
NNW	.1	.7	1.2	.7	.1	.1						2.9	9.0
VARBL													
CALM												3.1	
	3.4	19.9	39.2	27.8	6.0	.4						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1774

USAFETAC FORM 0 8 5 (OL 1, JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.9	3.5	1.2	.1							7.0	8.4
NNE	.2	1.8	3.6	2.3								7.9	8.9
NE	.3	2.0	3.8	1.5	.1	.1						7.9	8.3
ENE	.3	1.4	2.7	1.0	.1	.1						5.4	8.5
E	.6	1.2	3.1	1.4	.1		.1					6.5	8.2
ESE	.3	1.9	3.5	2.2	.1							7.9	8.9
SE	.5	3.2	6.6	5.3	.3							15.9	9.4
SSE	.4	1.6	4.3	5.4	.9							12.6	10.8
S	.3	1.7	4.5	5.6	1.4	.1						13.6	11.1
SSW	.2	.8	1.4	1.7	.4	.1	.1					4.7	11.0
SW	.1	.6	.5	.7	.1							2.0	9.2
WSW	.1	.2	.6									.9	7.1
W	.1	.2	.5									.7	6.8
WNW	.1	.3	.2	.1								.7	7.2
NW	.1	.3	.6	.5								1.4	9.1
NNW	.2	.6	1.1	.6								2.4	8.5
VARBL													
CALM												2.6	
	3.9	19.7	40.4	29.5	3.5	.3	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1763

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	.9	1.7	2.0	.9	.2							5.7	7.4
NNE	.5	2.9	1.7	.9	.2	.1						6.2	7.5
NE	1.3	2.9	2.9	.8								7.9	6.6
ENE	.6	2.4	2.8	.4	.1							6.2	6.8
E	.7	3.7	3.9	.8	.2							9.2	7.3
ESE	.3	3.7	4.0	.8								10.8	6.7
SE	.6	7.7	12.7	4.0	.5							25.5	8.1
SSE	.5	1.4	4.7	3.0	.4	.1						1[illegible].2	9.7
S	.8	1.5	2.4	1.6	.1							6.4	8.2
SSW	.2	.2	.3	.1								.9	6.6
SW	.2	.3	.2									.7	4.8
WSW	.1	.1	.1	.1								.3	7.3
W	.1	.2	.1			.1						.4	8.0
WNW	.1		.1	.1								.2	8.3
NW	.2	.2	.2	.2								.8	6.8
NNW		.6	.8	.1	.1							1.6	8.2
VARBL													
CALM												7.3	
	7.1	31.3	38.7	13.6	1.7	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1730

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	1.1	1.8	.6	.7	.1							4.3	6.6
NNE	1.1	2.5	1.6	.6								5.7	6.4
NE	1.7	3.6	1.6	.3	.1							7.4	5.6
ENE	.7	1.3	1.4	.2	.1							3.6	6.2
E	.7	2.2	2.6	.3								5.8	6.7
ESE	.3	3.6	4.0	1.0	.2							9.1	7.3
SE	.9	9.6	17.2	3.6	.1							31.4	7.9
SSE	.1	2.5	5.9	3.4	.3							12.2	9.4
S	.1	1.3	1.8	.6	.1							3.9	8.1
SSW	.1	.1	.3			.1						.6	8.0
SW	.2	.2	.1	.1	.1							.5	7.1
WSW	.2		.1	.1								.4	7.4
W	.3	.4		.1	.1							.9	5.8
WNW	.2	.1	.3	.1	.1							.8	8.3
NW	.2	.3	.1	.1								.8	6.2
NNW	.2	.5	.6	.2	.1							1.6	7.4
VARBL													
CALM												10.9	
	8.2	30.1	38.2	11.6	1.1	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1727

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03947 — STATION
FT WOLTERS AAF TEX/MINERAL WELLS — STATION NAME
49-70 — 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.[illegible]	2.9	2.2	1.0	.2	.1						7.4	7.2
NNE	.6	1.8	1.4	.3								4.3	6.6
NE	.5	1.6	.5	.2								2.8	5.6
ENE	.3	.6	.1									1.0	4.3
E	.3	.6	.6	.1	.1							1.8	7.1
ESE	.7	2.1	1.1	.3								3.8	6.6
SE	.8	7.6	16.4	3.2	.4							28.4	8.0
SSE	.6	1.8	5.2	4.[illegible]	.5	.1						12.2	9.6
S	.7	1.9	1.6	.9		.1						5.1	7.4
SSW	.3	.2	.1	.1								.7	6.0
SW	.2	.3	.1	.1								.5	5.7
WSW	.3	.9	.4	.1								1.7	5.2
W	.9	1.1	.3		.1							2.4	4.8
WNW	.2	.3	.3	.1								.9	6.8
NW	.5	.8	.5	.3								2.1	5.1
NNW	.5	1.0	1.3	.4								3.3	7.2
VARBL													
CALM												21.6	
	8.[illegible]	25.6	32.2	11.2	1.2	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1868

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03942	FT WORTH AAF TEX/MINERAL WELLS	49-70	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.5	2.3	.9	.1	.1						6.6	7.3
NNE	.3	1.9	.9	1.0	.1							4.2	7.5
NE	.7	1.4	.8	.1								3.0	5.3
ENE	.7	.7	.1									1.5	4.1
E	.5	.8	.5		.1							1.8	6.1
ESE	.4	1.3	1.4	.3	.1							3.5	6.8
SE	.8	8.4	12.8	2.1	.3							24.4	7.4
SSE	.7	2.0	4.6	2.4	.2							10.0	8.8
S	.8	1.9	1.9	.5	.1							5.1	7.0
SSW	.5	.1	.2									.8	4.1
SW	.9	.5	.2									1.6	4.0
WSW	.5	.9	.3	.1								1.8	5.1
W	1.2	1.6	.4									3.1	4.5
WNW	.7	.5	.7	.2	.2							1.7	8.5
NW	.7	.9	.9	.2								2.8	6.3
NNW	.3	1.2	1.9	.7								4.1	7.7
VARBL													
CALM												24.0	
	10.8	26.7	29.7	8.9	.9	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1904

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.5	2.4	2.8	1.8	.2							7.6	8.2
NNE	.3	1.4	1.7	.8	.1							4.2	7.7
NE	.5	1.4	.7	.2								2.7	5.6
ENE	.3	.6	.2									1.0	5.1
E	.5	.6	.3	.1								1.6	5.3
ESE	.4	1.3	1.7	.2	.1							3.7	7.2
SE	1.3	6.9	12.9	2.6	.1							23.7	7.5
SSE	.9	3.0	5.9	2.8	.3							12.9	8.5
S	.7	1.9	1.9	.7	.1	.1						5.3	7.3
SSW	.3	.4	.3	.1								1.0	5.6
SW	.3	.4	.1									.9	4.7
WSW	.6	.9	.1	.2								1.8	5.3
W	1.2	2.0	.7	.1	.1							4.0	4.9
WNW	.4	.5	1.1	.4								2.3	7.7
NW	1.1	.7	.8	.5	.2							3.4	7.0
NNW	.5	.8	1.7	.8	.3							4.1	8.4
VARBL													
CALM												19.9	
	9.1	25.2	32.9	11.1	1.2	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1916

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) UCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	3.5	2.9	.8							8.5	10.6
NNE	.1	1.2	1.8	1.4	.3							4.7	9.3
NE	.3	.9	1.4	.7	.1							3.3	8.3
ENE	.1	.4	1.3	.3	.1							2.1	8.2
E	.4	.8	1.0	.1								2.3	6.5
ESE	.1	.7	1.6	.6								3.0	8.5
SE	.4	2.8	4.1	2.6	.4							10.2	8.8
SSE	.2	2.3	5.8	4.3	1.1							13.7	10.1
S	.9	2.7	6.1	6.3	1.8	.1						17.9	10.5
SSW	.3	1.4	2.0	3.1	1.0							7.8	11.0
SW	.4	.8	1.4	1.0	.2							3.8	9.0
WSW	.2	1.0	1.0	.3	.2							2.6	7.9
W	.3	1.2	.7	.2	.1							2.5	6.4
WNW	.3	.7	.7	.5	.3							2.5	9.0
NW	.3	.7	1.1	1.0	.1							3.3	9.1
NNW	.3	1.0	2.2	2.2	.4							6.1	10.1
VARBL													
CALM												5.6	
	4.4	19.8	35.6	27.6	6.8	.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1913

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.3	1.4	3.8	3.3	.4	.1						9.2	10.2
NNE	.2	.9	2.0	1.3	.2							4.7	9.1
NE	.1	1.2	1.8	.6								3.6	7.9
ENE	.2	.6	1.4	.2	.1							2.4	7.5
E	.2	1.2	.8	.1								2.2	6.3
ESE	.1	1.0	1.9	.9	.2							4.1	8.8
SE	.3	1.5	4.0	2.7	.5							9.1	9.9
SSE	.2	1.2	3.8	4.7	1.5	.2						11.5	11.7
S	.2	2.9	4.7	8.3	3.1	.2						19.3	12.0
SSW	.1	1.5	2.6	3.6	.8	.2	.1					8.8	11.1
SW	.4	1.0	1.7	1.1	.3	.1						4.6	9.2
WSW	.2	1.0	1.0	.5	.1							2.8	7.5
W	.1	.7	.5	.3	.1							1.7	7.9
WNW	.2	.7	.6	.7	.4	.1						2.7	10.4
NW	.2	.6	1.4	1.9	.3							4.3	10.9
NNW	.3	.7	2.1	1.9	.9							5.9	11.0
VARBL													
CALM												3.1	
	3.1	18.1	34.2	32.6	8.6	.7	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1913

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	.3	1.3	4.3	2.8	.5							9.1	9.9
NNE	.3	1.5	2.3	1.6	.2							5.7	8.7
NE	.5	1.5	1.9	.3								4.2	6.8
ENE	.3	.9	1.3	.2								2.7	7.0
E	.4	.7	1.2	.3	.1							2.7	7.5
ESE	.2	1.4	2.9	.7	.1							5.2	8.1
SE	.4	2.9	5.8	3.4	.6							13.1	9.3
SSE	.3	1.4	5.3	5.7	1.8	.1						14.6	11.4
S	.3	1.6	5.2	7.3	2.6							17.0	11.7
SSW	.2	.7	1.7	1.7	.4	.1						4.7	10.3
SW	.3	.9	.9	.6	.2							2.8	8.1
WSW		.5	.5	.1	.1							1.2	7.9
W	.2	.9	.5	.2								1.8	6.6
WNW		.4	.5	.6	.4	.1						2.0	11.4
NW	.2	.5	1.0	.8	.4							2.9	10.4
NNW	.1	.9	2.2	2.5	.9							6.6	11.4
VARBL													
CALM												3.7	
	3.0	18.1	37.5	28.9	8.0	.2						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 1910

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03945 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.4	3.0	2.6	1.5	.2	.1	.1					8.4	8.2
NNE	.7	2.2	1.5	.5	.2							5.1	6.9
NE	1.1	1.8	.9	.2								3.9	5.5
ENE	.5	1.2	.7	.1								2.6	5.6
E	.2	2.1	1.8	.4								4.5	6.8
ESE	.4	2.7	3.4	.5								7.0	6.9
SE	.9	7.8	12.3	2.2	.2							23.4	7.5
SSE	.5	2.4	9.6	3.7	.7							16.8	9.3
S	.3	2.3	4.0	1.1	.2	.1						7.9	8.3
SSW		.4	.3	.1								.8	7.7
SW	.1	.6	.2	.1								.9	5.8
WSW	.2	.1	.2		.1							.5	6.3
W	.4	.1	.2									.7	4.0
WNW		.4	.7	.3	.1							1.6	9.5
NW	.2	.7	1.0	.3								2.1	7.5
NNW	.4	1.3	1.5	1.0	.2							4.5	8.3
VARBL													
CALM												9.5	
	6.1	29.1	40.6	12.3	1.9	.2	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1841

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943	FT WORTH AAF TEX/MINERAL WELLS	49-70	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.9	2.1	1.0	.3							8.1	7.9
NNE	1.2	1.5	1.5	.7	.1							4.9	6.7
NE	1.4	1.1	.8	.1								3.0	5.4
ENE	.6	.8	.4	.1	.1							2.0	5.8
E	.5	.7	.7	.1								2.0	5.6
ESE	.3	1.0	2.4	.5	.1							5.0	7.4
SE	.8	6.4	19.6	3.1	.3							30.3	8.1
SSE	.4	2.6	8.0	4.0	.5							15.5	9.4
S	.2	1.6	1.5	1.2	.2							4.7	8.5
SSW	.2	.3	.1	.2								.8	6.6
SW	.7	.5	.1									1.1	4.0
WSW	.1	.1	.1		.1							.3	7.2
W	.4	.4	.3									1.1	4.9
WNW	.1	.1	.1	.3	.1							.7	10.3
NW	.3	.9	1.0	.1								2.4	6.6
NNW	.4	1.0	.8	.5	.4							3.5	7.2
VARBL													
CALM												14.6	
	8.5	23.0	39.6	12.4	1.9							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1821

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-69 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.0	2.5	1.9	.5							7.9	8.5
NNE	.6	1.9	1.7	.5	.2							4.9	7.4
NE	.5	1.0	.5	.1								2.1	5.3
ENE	.7	.5	.3	.1								1.5	5.0
E	.1	.4	.4	.2								1.1	7.1
ESE	.6	1.5	1.1	.2								3.4	6.1
SE	.5	4.6	12.3	2.3	.1							19.8	8.1
SSE	.2	1.9	5.0	3.5	.3							10.8	9.7
S	.2	1.1	1.9	1.2	.3	.1						4.8	9.6
SSW	.2	.2	.3	.3	.1							1.2	8.7
SW	.2	.7	.2	.4	.1							1.6	8.6
WSW	.4	1.7	.4	.2								2.7	5.7
W	1.0	2.0	.6	.4								4.0	5.8
WNW	.4	.7	.4	.5	.1	.1						2.2	8.5
NW	.4	1.5	1.7	.8	.1							4.5	7.5
NNW	.7	.8	1.1	1.5	.8	.1						5.0	10.5
VARBL													
CALM												22.5	
	7.6	22.6	30.3	14.1	2.6	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1680

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.7	1.8	3.0	1.9	.3							7.7	8.7
NNE	.4	1.4	1.1	.9								3.8	7.4
NE	.7	.2	.1	.1								1.1	4.0
ENE	.5	.4	.5	.1								1.5	5.9
E	.9	.7	.3	.1								2.0	4.8
ESE	.3	1.4	1.1	.1	.1							3.0	6.4
SE	.9	5.9	11.7	1.4								19.9	7.6
SSE	.5	2.3	3.9	1.9	.3	.1						9.0	8.7
S	.3	1.1	1.5	1.3	.5							4.8	9.7
SSW	.2	.6	.5	.1								1.3	6.2
SW	.3	.7	.5	.1	.1							1.7	6.5
WSW	.3	1.1	.5	.1								1.7	5.5
W	1.2	2.9	.4	.3	.1							4.9	5.5
WNW	.3	1.0	.6	.5	.1							2.4	7.8
NW	.5	1.1	2.2	1.2		.1						5.1	8.6
NNW	.5	1.8	1.8	2.2	.7	.1						7.2	10.0
VARBL													
CALM												22.8	
	8.5	24.6	29.5	12.3	2.1	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1761

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	.7	2.1	2.5	2.3	.2	.1						7.9	8.8
NNE	.5	.9	1.3	.6								3.4	7.6
NE	.7	.8	.6	.1								2.2	5.5
ENE	.6	.5	.6									1.7	5.2
E	.4	.5	.8	.1	.1							1.8	6.3
ESE	.4	1.1	1.3	.1								3.0	6.7
SE	.4	4.7	9.7	1.9	.1							16.9	7.9
SSE	.8	2.3	4.7	2.4	.2	.1						10.6	8.7
S	.2	1.3	1.9	1.2	.1		.1					4.8	8.9
SSW	.4	.6	.2	.1	.2							1.4	6.8
SW	.6	.6	.3	.2								1.6	5.5
WSW	.2	1.3	.6	.3	.1		.1					2.5	7.3
W	.7	2.3	1.2	.2	.1							4.5	5.8
WNW	.4	1.2	.8	.6	.1							3.1	7.3
NW	.6	1.8	1.9	1.3								5.6	8.0
NNW	.5	1.2	2.4	2.2	.7	.1						7.2	10.5
VARBL													
CALM												22.0	
	8.3	23.2	30.9	13.6	1.7	.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1815

USAFETAC FORM 0 8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.3	1.7	3.6	2.9	1.2	.2						9.9	10.7
NNE	.1	1.1	1.7	1.9	.1	.1						5.0	9.9
NE	.1	.5	1.0	.7	.2							2.4	9.5
ENE	.2	.5	.6	.2								1.5	7.2
E	.1	.1	.7	.3								1.3	7.9
ESE	.2	.3	1.3	.8	.2							2.9	8.6
SE	.3	2.1	4.6	2.3	.2							9.5	8.8
SSE	.2	1.9	4.7	3.8	.8	.1						11.5	10.2
S	.4	2.5	4.8	4.8	1.3	.1						13.9	10.4
SSW	.2	.7	1.2	2.0	.7	.2						5.0	12.0
SW	.2	1.0	1.5	1.5	.5	.2	.1					4.9	11.2
WSW	.2	.6	.7	.8	.2		.1	.1				2.4	10.5
W	.8	1.3	1.8	.8	.3	.1						5.0	8.0
WNW	.2	1.0	1.2	.8	.2							3.4	8.9
NW	.1	1.2	1.4	1.7	.4	.1						4.8	10.2
NNW	.3	1.0	2.4	3.6	1.0	.2		.1				8.6	12.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.0	
	3.8	18.1	33.0	28.6	7.2	1.0	.1	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1816

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (YEARS) | NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	3.3	2.8	1.4	.1						9.4	11.1
NNE	.4	1.0	1.8	1.4	.1	.1						4.8	9.2
NE	.1	.5	1.2	.6	.1							2.4	9.0
ENE		.4	.5	.2								1.0	8.1
E	.1	.6	.4	.2								1.2	7.4
ESE	.2	.8	1.4	.3	.2							2.9	8.5
SE	.3	1.5	3.5	2.2	.1							7.6	9.3
SSE	.3	1.1	2.1	3.3	.8	.1						7.8	11.0
S	.2	1.4	4.3	6.0	2.7	.1						14.7	12.2
SSW	.2	1.0	1.5	4.9	1.9	.2						9.8	13.1
SW	.6	1.0	1.9	2.5	.7	.2						6.9	10.8
WSW	.1	.6	1.3	1.4	.7	.1						4.1	11.4
W	.4	1.0	1.4	1.0	.3	.2	.2					4.6	10.4
WNW	.2	.7	1.5	1.0	.2							3.6	9.3
NW	.2	1.3	1.8	2.6	.5	.2						6.6	10.9
NNW	.2	.8	2.5	4.4	1.4	.3	.1					9.1	12.8
VARBL													
CALM												2.9	
	3.5	15.3	30.6	34.7	11.2	1.5	.3					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1818

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	3.8	2.9	.9	.3						9.8	10.7
NNE	.3	1.2	1.7	1.1	.2		.1					4.5	8.9
NE	.2	.9	.9	.7								2.7	7.9
ENE	.2	.7	.9	.2								2.0	7.1
E	.1	.8	.9	.1								1.8	6.9
ESE	.1	1.2	2.2	.5	.1							4.1	8.1
SE	.3	2.0	4.1	2.4	.2							9.0	9.2
SSE	.3	.7	3.3	4.2	.7	.1						9.3	11.1
S	.6	1.8	4.8	5.9	2.7	.2						16.0	11.8
SSW	.3	.9	2.2	3.1	1.3	.1						7.8	11.5
SW	.3	.7	2.0	.7	.4	.1						4.3	9.6
WSW	.2	.5	1.3	1.0	.3							3.4	10.1
W	.3	1.2	1.0	.6	.3	.2						3.5	9.4
WNW	.3	.7	1.3	.7	.3							3.3	9.1
NW	.1	1.3	2.7	1.7	.6	.1						6.4	10.2
NNW	.6	.8	2.8	3.4	1.0	.1						8.7	11.2
VARBL													
CALM												3.5	
	4.1	17.3	36.1	29.0	8.9	1.0	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 1811

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	.7	3.3	3.6	1.7	.5	.1						10.0	8.3
NNE	.5	1.1	1.3	.5	.2							3.6	7.8
NE	.9	1.7	.7		.1							3.5	5.4
ENE	.2	1.6	1.0	.1								2.9	6.3
E	.1	1.9	.6	.1			.1					2.7	6.4
ESE	.3	1.6	2.1	.4								4.4	6.9
SE	.9	3.7	10.3	2.7	.2	.1						18.3	8.4
SSE	.1	1.1	7.4	3.4	.6							12.7	9.8
S	.2	1.5	5.6	2.6	.4							10.4	9.6
SSW	.2	.6	1.1	.2	.1							2.3	8.0
SW	.5	1.1	.4	.1								2.0	5.3
WSW	.2	.9	.7	.2								1.9	7.2
W	.3	1.1	.3	.2								1.8	5.4
WNW	.2	.7	.4		.3							1.6	7.9
NW	.5	1.7	1.9	.2	.1	.1						4.5	7.1
NNW	.6	1.5	1.5	1.4	.5							5.5	9.0
VARBL													
CALM												12.0	
	6.3	25.3	39.5	13.7	2.9	.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1746

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	.6	2.3	2.4	2.8	.6							8.7	9.5
NNE	1.2	1.9	1.2	.4	.1							4.8	6.1
NE	.8	1.6	.1	.1								2.6	4.8
ENE	.2	1.1	.5	.1								1.9	5.6
E	.3	.9	.6									1.8	5.8
ESE	.2	1.8	1.3									3.4	6.3
SE	.8	4.2	14.2	4.9	.3							24.4	8.8
SSE	.7	1.7	5.2	4.3	.4	.1						11.8	10.1
S	.2	1.6	1.9	1.6	.5							5.9	9.5
SSW	.1	.3	.4	.2	.1							1.2	9.5
SW	.2	.6	.4	.2								1.3	6.7
WSW	.4	.6	.4									1.3	4.9
W	.8	.9	.8	.1								2.6	5.5
WNW	.3	.9	.4	.4	.4							2.3	8.9
NW	.4	1.2	1.6	.3	.1							3.6	7.4
NNW	.3	1.1	1.7	1.3	.3	.2						4.9	9.6
VARBL													
CALM												17.5	
	7.0	22.7	33.1	16.6	2.8	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1707

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-69 (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	.5	2.6	2.6	1.8	.5							8.1	8.7
NNE	.2	1.3	1.6	.6	.1							3.8	8.0
NE	.6	1.1	.5	.2								2.4	6.1
ENE	.1	.5	.1									.7	5.0
E	.1	.9	.2	.1								1.4	5.9
ESE	.5	.8	1.6	.3								3.3	6.9
SE	.8	4.9	11.4	3.0	.3							20.5	8.3
SSE	.5	2.0	4.4	2.6	.4	.1						9.9	9.3
S	1.0	1.3	1.1	1.3	.2							4.9	8.0
SSW	.2	.5	.9	.2	.1							1.8	7.9
SW	.5	.8	.9	.4	.4							2.9	8.9
WSW	.2	1.1	.5	.1		.1						1.9	6.3
W	1.2	2.8	1.0	.4	.1							5.5	6.1
WNW	.2	.9	.7	.6	.3	.1						2.8	9.3
NW	.5	1.6	1.9	1.4	.4							5.7	8.7
NNW	.2	2.1	1.4	2.0	.6							6.3	9.5
VARBL													
CALM												18.1	
	7.4	25.1	30.9	15.0	3.3	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1701

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-69 (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	.6	1.8	2.9	2.2	.6							8.2	9.4
NNE	.4	1.1	1.5	.6	.1							3.7	7.6
NE	.3	1.5	.7	.2								2.7	5.8
ENE	.1	.3	.2	.1								.7	7.3
E	.3	.5	.6									1.4	5.9
ESE	.2	1.7	1.4	.3								3.7	7.0
SE	.6	4.3	10.5	2.6	.2							18.1	8.3
SSE	.6	1.7	4.5	1.5	.1		.1					8.4	8.3
S	.4	1.1	1.3	1.1	.1	.1						4.0	8.7
SSW	.2	.7	.5	.5	.1							1.9	8.1
SW	.3	1.1	.9	.5	.2							3.1	7.6
WSW	.6	1.2	.7	.3	.3							3.1	7.5
W	.5	2.6	1.6	.2	.2							5.2	6.6
WNW	.3	1.0	1.2	.6	.6							3.7	9.6
NW	.5	1.1	1.0	1.6	.6							4.7	10.0
NNW	.5	1.0	2.1	2.0	.6	.1						6.3	10.3
VARBL													
CALM												21.1	
	6.5	22.7	31.6	14.2	3.5	.2	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1741

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	.7	1.5	2.7	1.8	.4							7.1	8.8
NNE	.5	.8	1.5	.7								3.4	7.8
NE	.4	.8	1.0	.1								2.3	6.2
ENE	.1	.3	.2	.1								.7	6.7
E	.4	.7	.3	.1								1.4	5.3
ESE	.5	1.0	1.2	.3	.1							3.0	7.0
SE	.6	3.2	9.9	3.1	.4	.1						17.3	8.7
SSE	.7	2.0	4.8	1.7	.1							9.3	8.1
S	.9	1.8	1.7	1.0	.1							5.6	7.2
SSW	.4	.6	.5	.2								1.7	6.5
SW	.6	.4	.7	.3	.1							2.0	6.8
WSW	.4	1.2	1.1	.1								2.9	6.3
W	1.2	2.7	2.1	.7	.2							6.9	6.6
WNW	.2	.9	1.2	1.1	.2							3.6	9.6
NW	.7	1.1	1.7	1.9	.4	.1	.1					5.9	9.8
NNW	.7	1.8	2.8	2.5	.4	.3	.1					8.5	10.0
VARBL													
CALM												10.5	
	9.0	20.8	33.3	15.5	2.4	.4	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1844

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	.3	1.7	3.1	3.4	.7	.1						9.3	10.2
NNE	.5	.5	1.5	.5	.2							3.1	8.4
NE	.2	.4	1.0	.5								2.2	8.4
ENE	.1	.3	.4	.4								1.2	8.4
E	.1	.4	.1	.2								.8	7.0
ESE	.2	.8	1.2	.1								2.3	7.1
SE	.2	1.9	5.7	3.8	.4							11.9	9.8
SSE	.4	2.8	4.9	3.3	.5							11.9	9.3
S	.6	2.3	2.8	2.6	.6	.2						9.2	9.8
SSW	.2	.9	1.1	1.4	.9	.1						4.6	11.3
SW	.4	1.0	1.1	1.0	.4	.1						3.9	9.4
WSW	.4	1.0	1.4	1.4	.4	.2						4.7	10.0
W	.5	1.9	1.8	.7	.4							5.3	8.0
WNW	.2	1.0	1.8	.9	.5	.1						4.5	10.1
NW	.6	1.1	2.7	2.6	1.0	.2						8.2	10.9
NNW	.3	.6	3.4	3.6	1.0	.1	.2					9.1	11.6
VARBL													
CALM												7.8	
	5.0	18.7	34.1	26.4	6.9	1.0	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1851

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (YEARS) | DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	3.2	3.4	.6	.1						8.7	11.0
NNE	.1	.7	2.1	.6								3.5	8.3
NE	.1	.3	1.3	.6								2.3	8.6
ENE		.2	.6	.2								.9	8.9
E	.1	.7	.5	.3								1.5	7.2
ESE	.1	.4	1.1	.2	.1							1.8	8.8
SE	.4	.9	2.4	2.4	.1	.1						6.3	9.7
SSE	.2	1.1	3.8	3.4	.7	.2	.1					9.3	11.1
S	.7	1.4	2.9	4.4	1.8	.2						11.3	11.8
SSW	.2	.7	2.4	4.4	1.9	.7						10.2	13.2
SW	.6	1.3	1.4	2.8	.9	.3	.1					7.3	11.2
WSW	.3	.8	1.5	1.7	.5	.4	.1	.1				5.4	12.0
W	.2	1.1	2.3	1.9	.6	.1						6.6	10.2
WNW	.1	.8	1.5	1.1	.8	.1						4.4	11.1
NW	.4	.8	2.7	3.5	1.0	.4						8.7	11.7
NNW	.1	.4	3.1	4.5	1.3	.1	.1					9.5	12.4
VARBL													
CALM												2.7	
	3.5	12.6	32.8	35.2	10.4	2.4	.3	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 1809

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (YEARS) | DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.9	3.8	2.9	.5	.2						9.6	10.0
NNE	.1	1.7	2.0	.5	.1							4.3	7.6
NE	.3	.6	1.9	.8								3.6	8.3
ENE	.1	.5	.3	.1								1.0	6.4
E		.7	.7	.2								1.5	7.5
ESE	.1	1.0	1.5	.8								3.5	8.5
SE	.3	1.3	3.8	1.9	.2							7.5	9.1
SSE	.3	.7	3.8	3.7	.7	.1						9.2	11.0
S	.3	1.1	4.2	5.0	1.4	.2						12.2	11.7
SSW		.7	2.0	3.9	1.1	.1						7.8	12.1
SW	.1	.9	1.4	1.9	.3	.1						4.7	10.7
WSW	.3	1.2	1.2	.7	.4	.1	.1					3.9	9.7
W	.4	.7	1.9	1.2	.3	.1	.1					4.6	9.6
WNW	.3	.5	1.5	1.2	.4							3.9	10.4
NW	.6	1.4	2.9	2.8	1.0	.1						8.7	10.3
NNW	.2	.9	2.9	3.9	1.2	.1	.1					9.3	11.8
VARBL													
CALM												4.8	
	3.8	15.8	35.6	31.5	7.5	.9	.2					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 1777

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	1.1	3.3	2.9	2.0	.4	.1						9.6	8.2
NNE	.5	2.2	1.9	.4								5.0	6.7
NE	.5	2.3	1.9	.4								5.0	6.6
ENE	.4	.5	.2									1.1	4.8
E	.3	1.4	1.1	.1			.1					2.9	6.8
ESE	.2	1.3	1.9	.2	.1							3.7	7.6
SE	.2	3.4	10.3	3.0	.4							17.5	8.7
SSE	.1	1.6	6.8	3.7	.2							12.4	9.4
S	.5	1.1	5.3	1.8	.4	.1						9.1	9.3
SSW	.1	.6	1.0	.1								1.8	7.2
SW	.4	1.3	.7	.1								2.5	6.1
WSW	.4	1.1	.5	.1	.1	.1						2.1	6.4
W	.3	.8	.4	.4	.1							2.0	7.4
WNW	.2	.7	.8	.4	.2	.1						2.3	8.8
NW	.7	2.0	2.4	1.7								6.8	8.0
NNW	.6	1.3	2.2	1.9	.5	.1						6.7	9.6
VARBL													
CALM												9.5	
	6.4	24.9	40.3	16.2	2.2	.4	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1712

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (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	.8	2.8	3.0	2.5	.3	.1	.1					9.8	9.1
NNE	.4	1.3	1.7	.6	.1							4.0	7.4
NE	.6	1.5	1.1	.3								3.6	5.9
ENE	.3	.9	.2	.1								1.5	5.5
E	.4	.5	.5	.1	<.1							1.5	5.8
ESE	.4	1.3	1.2	.4	.1							3.3	6.9
SE	.2	4.3	11.7	5.3	.3							21.8	9.0
SSE	.6	2.7	5.1	4.4	.5							13.3	9.3
S	.5	1.0	1.9	.9	.6							5.0	9.4
SSW	.2	.4	.1	.5	.1							1.4	9.3
SW	.4	1.0	.8	.2								2.4	6.4
WSW	.5	1.4	.3	.3	.1							2.5	6.2
W	.5	1.3	.6	.1	.2							2.7	7.1
WNW	.5	.8	.5	.4	.2	.1						2.5	8.6
NW	.6	1.4	1.7	1.0	.1							4.7	8.1
NNW	.4	1.6	1.9	1.6	.3	.1						6.0	9.3
VARBL													
CALM												14.0	
	7.6	24.0	32.3	10.7	3.1	.4	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1694

USAFETAC FORM JUL 64 C 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (YEARS) | ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.7	5.6	3.9	.6	.1	.0					13.4	9.7
NNE	.4	2.6	2.6	1.1	.1	.0						6.3	8.2
NE	.4	1.7	2.2	.7	.1	.0						5.1	7.8
ENE	.4	1.2	1.4	.4	.1	.0						3.4	7.5
E	.3	1.2	1.5	.6	.0		.0					3.5	7.8
ESE	.3	1.3	2.4	1.2	.2	.0						5.4	8.7
SE	.4	2.4	6.4	4.9	.6	.0						14.7	9.9
SSE	.3	1.7	4.1	4.0	.7	.0	.0					10.8	10.4
S	.5	1.2	2.1	1.5	.3	.0	.0					5.6	9.4
SSW	.2	.4	.4	.3	.0	.0						1.3	8.4
SW	.2	.3	.2	.1	.1	.0						.9	7.6
WSW	.1	.5	.3	.2	.2	.1	.0	.0				1.4	10.9
W	.1	.7	.7	.5	.2	.0	.1	.0				2.4	10.5
WNW	.1	.6	.9	.8	.3	.1	.0	.0				2.8	10.5
NW	.2	1.2	2.3	2.0	.5	.1						6.3	10.3
NNW	.3	1.4	3.8	4.4	1.1	.2	.0					11.3	11.3
VARBL													
CALM												5.5	
	4.4	20.3	36.8	26.6	5.4	.8	.2	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 13003

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.8	64.7	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 20000	70.0	71.0	71.7	71.9	72.0	72.1	72.1	72.2	72.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3
≥ 18000	70.1	71.7	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5
≥ 16000	70.3	71.9	72.1	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 14000	71.0	73.2	73.4	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0
≥ 12000	73.3	75.1	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 10000	75.1	76.9	77.1	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.8
≥ 9000	75.7	77.5	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 8000	76.7	78.5	78.7	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 7000	77.4	79.3	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 6000	78.8	80.3	80.5	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 5000	79.4	81.5	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 4500	79.8	82.0	82.3	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0
≥ 4000	80.9	83.1	83.4	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 3500	81.6	83.9	84.2	84.5	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 3000	82.9	85.3	85.7	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.5
≥ 2500	84.4	86.7	87.1	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 2000	85.9	88.6	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1800	86.5	89.3	89.7	90.1	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.7
≥ 1500	87.7	91.1	91.1	91.5	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2
≥ 1200	88.9	92.2	92.8	93.2	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 1000	89.3	93.1	94.1	94.3	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 900	89.8	93.5	94.7	94.7	95.0	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.6
≥ 800	90.1	94.1	94.7	95.3	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 700	90.4	94.4	95.1	95.8	96.2	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9
≥ 600	90.6	94.8	95.6	96.4	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.6
≥ 500	90.7	95.0	95.9	96.8	97.4	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 400	90.7	95.2	96.1	97.1	97.7	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 300	90.8	95.3	96.2	97.2	97.9	98.1	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.3
≥ 200	90.8	95.3	96.2	97.2	98.0	98.2	98.7	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 100	90.8	95.3	96.2	97.2	98.0	98.2	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.6	99.8
0	90.8	95.3	96.2	97.2	98.0	98.2	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 171617

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-66,67-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	55.3	55.5	55.6	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.2	56.3
≥ 20000	62.6	62.6	62.6	62.8	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.2
≥ 18000	60.9	62.4	62.6	62.7	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.3	63.4
≥ 16000	61.3	62.7	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.6	63.8
≥ 14000	64.8	64.3	64.4	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.2	65.3
≥ 12000	64.0	64.1	64.2	64.4	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.1
≥ 10000	66.1	67.0	67.0	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.5	68.7
≥ 9000	66.0	67.1	68.3	68.3	68.4	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.1	69.2
≥ 8000	67.3	67.9	69.0	69.2	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.8	70.0
≥ 7000	67.9	68.5	69.7	69.9	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.5	70.6
≥ 6000	68.4	70.1	70.3	70.5	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.1	71.2
≥ 5000	69.5	71.2	71.6	71.7	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.3	72.5
≥ 4500	69.9	71.7	71.9	72.2	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.8	72.9
≥ 4000	70.7	72.4	72.8	73.0	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.9
≥ 3500	71.5	73.4	73.6	73.9	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.7
≥ 3000	72.7	74.6	75.1	75.3	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	76.1	76.3
≥ 2500	74.5	76.7	77.0	77.3	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.2
≥ 2000	74.7	76.9	77.2	77.5	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.3	78.5
≥ 1800	77.5	80.0	80.3	80.7	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.5	81.7
≥ 1500	79.2	82.1	82.6	83.2	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.8	84.0
≥ 1200	81.3	84.0	85.2	85.7	86.0	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.7	86.8
≥ 1000	82.1	85.3	86.6	87.2	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.1	88.2	88.2	88.3	88.5
≥ 900	86.6	86.7	87.4	88.1	88.5	88.6	88.9	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.4	89.5
≥ 800	87.0	87.1	88.4	89.3	89.7	89.8	90.1	90.2	90.2	90.3	90.3	90.4	90.5	90.5	90.6	90.8
≥ 700	88.3	88.2	89.2	90.2	90.7	90.8	91.2	91.3	91.3	91.4	91.5	91.5	91.6	91.6	91.8	91.9
≥ 600	88.6	88.9	90.0	91.2	91.9	92.1	92.5	92.6	92.6	92.8	92.8	92.8	93.0	93.0	93.1	93.3
≥ 500	91.8	89.4	90.6	92.1	93.0	93.3	93.9	94.1	94.2	94.4	94.4	94.4	94.6	94.6	94.8	94.9
≥ 400	93.9	89.6	91.1	92.7	93.9	94.3	95.0	95.3	95.4	95.6	95.7	95.7	96.0	96.0	96.1	96.3
≥ 300	93.9	87.8	91.3	93.1	94.5	95.0	95.9	96.3	96.4	96.8	96.9	96.9	97.2	97.2	97.4	97.6
≥ 200	93.9	88.0	91.3	93.2	94.6	95.1	96.0	96.4	96.6	97.0	97.1	97.1	97.4	97.4	97.6	97.8
≥ 100	93.9	89.0	91.3	93.2	94.7	95.2	96.3	96.8	96.9	97.3	97.4	97.4	97.8	97.8	98.0	98.2
0	93.9	89.0	91.3	93.2	94.7	95.2	96.3	96.9	96.9	97.3	97.4	97.5	97.8	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 14376

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
03947	FT WORTH AP TEX/MINERAL WELLS	49-65,67-70	JFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.): ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54,0	56,3	56,6	56,9	57,1	57,1	57,3	57,3	57,3	57,4	57,4	57,4	57,5	57,5	57,6	57,7
≥ 20000	61,1	62,9	63,2	63,5	63,8	63,9	64,0	64,0	64,0	64,2	64,2	64,2	64,2	64,2	64,3	64,5
≥ 18000	61,2	61,0	63,3	63,7	63,9	64,0	64,2	64,2	64,2	64,3	64,3	64,3	64,4	64,4	64,4	64,7
≥ 16000	61,2	63,4	63,7	64,0	64,3	64,3	64,5	64,5	64,5	64,7	64,7	64,7	64,7	64,7	64,9	65,0
≥ 14000	62,7	64,0	64,9	65,3	65,5	65,6	65,8	65,8	65,8	65,9	65,9	65,9	66,0	66,0	66,0	66,3
≥ 12000	63,1	65,4	66,4	66,7	67,0	67,1	67,2	67,4	67,3	67,4	67,4	67,4	67,5	67,5	67,5	67,8
≥ 10000	63,3	67,5	67,9	68,2	68,3	68,6	68,7	68,7	68,8	68,9	68,9	68,9	68,9	69,0	69,0	69,3
≥ 9000	63,3	67,7	68,3	68,6	68,9	69,1	69,2	69,2	69,2	69,3	69,3	69,3	69,4	69,4	69,5	69,7
≥ 8000	66,7	69,8	69,2	69,5	69,8	69,9	70,1	70,1	70,1	70,2	70,2	70,2	70,3	70,3	70,4	70,6
≥ 7000	67,8	70,0	70,3	70,7	70,9	71,0	71,2	71,2	71,2	71,3	71,4	71,4	71,4	71,4	71,5	71,7
≥ 6000	68,4	71,7	71,0	71,4	71,7	71,7	71,9	71,9	71,9	72,1	72,1	72,1	72,1	72,1	72,2	72,4
≥ 5000	68,6	71,9	72,4	72,7	73,0	73,1	73,2	73,3	73,3	73,4	73,4	73,4	73,5	73,5	73,5	73,8
≥ 4500	69,9	73,4	73,8	74,1	74,4	74,5	74,6	74,7	74,7	74,8	74,8	74,8	74,9	74,9	75,0	75,2
≥ 4000	71,0	73,4	73,9	74,2	74,5	74,6	74,8	74,8	74,8	75,0	75,0	75,0	75,0	75,0	75,1	75,3
≥ 3500	71,7	74,2	74,7	75,0	75,4	75,4	75,6	75,6	75,6	75,8	75,8	75,8	75,8	75,9	75,9	76,2
≥ 3000	72,4	74,8	76,3	76,7	77,0	77,1	77,2	77,3	77,3	77,4	77,4	77,4	77,5	77,5	77,6	77,8
≥ 2500	74,6	77,4	77,9	78,3	78,7	78,7	78,9	79,0	79,0	79,1	79,1	79,1	79,2	79,2	79,3	79,5
≥ 2000	76,8	79,9	80,4	80,9	81,3	81,3	81,5	81,6	81,6	81,7	81,7	81,7	81,8	81,8	81,9	82,1
≥ 1800	77,6	80,8	81,3	81,8	82,2	82,3	82,5	82,6	82,6	82,7	82,7	82,7	82,8	82,8	82,9	83,1
≥ 1500	79,0	81,9	82,1	83,7	84,1	84,2	84,4	84,5	84,5	84,6	84,6	84,6	84,7	84,7	84,8	85,0
≥ 1200	81,0	85,1	85,8	86,5	87,0	87,1	87,3	87,4	87,4	87,6	87,6	87,6	87,7	87,7	87,8	88,0
≥ 1000	81,9	86,5	87,3	88,1	88,7	88,9	89,1	89,2	89,2	89,4	89,5	89,5	89,5	89,5	89,6	89,9
≥ 900	82,3	87,4	88,2	89,0	89,6	89,7	90,0	90,1	90,1	90,4	90,4	90,4	90,5	90,5	90,6	90,8
≥ 800	82,8	87,7	89,2	90,2	90,9	91,0	91,4	91,5	91,5	91,8	91,8	91,8	91,9	91,9	92,0	92,2
≥ 700	83,2	88,0	90,0	91,1	91,9	92,1	92,5	92,6	92,7	93,0	93,0	93,0	93,1	93,1	93,2	93,4
≥ 600	83,5	88,3	90,6	92,0	93,1	93,2	93,8	93,9	94,0	94,3	94,4	94,4	94,5	94,5	94,6	94,8
≥ 500	83,7	88,9	91,4	92,8	94,2	94,4	95,1	95,3	95,3	95,7	95,8	95,9	96,0	96,0	96,1	96,3
≥ 400	83,8	89,1	91,9	93,4	95,0	95,2	96,1	96,3	96,4	96,9	97,0	97,0	97,2	97,2	97,3	97,5
≥ 300	83,8	89,4	92,0	93,7	95,4	95,7	96,7	97,0	97,1	97,7	97,8	97,8	98,0	98,0	98,1	98,4
≥ 200	83,8	89,5	92,0	93,7	95,6	95,9	97,0	97,4	97,5	98,2	98,3	98,3	98,4	98,4	98,8	99,1
≥ 100	83,8	89,5	92,0	93,7	95,6	95,9	97,1	97,4	97,5	98,2	98,5	98,5	98,8	98,8	99,1	99,5
0	83,8	89,5	92,0	93,7	95,6	95,9	97,1	97,4	97,5	98,2	98,5	98,5	98,8	98,8	99,1	100,0

TOTAL NUMBER OF OBSERVATIONS 13197

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAR (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.6	58.1	58.3	58.7	58.9	59.9	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 20000	66.6	66.1	66.5	66.9	67.2	67.2	67.4	67.4	67.4	67.5	67.6	67.3	67.6	67.6	67.7	67.7
≥ 18000	65.0	66.7	66.9	67.3	67.6	67.6	67.8	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1
≥ 16000	65.3	67.1	67.4	67.8	68.1	68.2	68.3	68.4	68.4	68.5	68.6	68.5	68.5	68.5	68.6	68.6
≥ 14000	67.2	68.9	69.1	69.5	69.8	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3
≥ 12000	68.5	70.3	70.6	71.0	71.2	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7
≥ 10000	69.9	71.7	71.9	72.3	72.6	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1
≥ 9000	70.6	72.4	72.5	72.9	73.2	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.7
≥ 8000	71.3	73.1	73.4	73.8	74.1	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 7000	72.0	74.0	74.3	74.7	74.9	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 6000	72.9	74.9	75.2	75.6	75.9	75.9	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.4	76.4
≥ 5000	74.1	76.2	76.5	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 4500	74.6	75.7	77.0	77.4	77.8	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 4000	75.6	78.0	78.2	78.7	79.0	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5
≥ 3500	76.6	79.1	79.3	79.8	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 3000	78.3	80.9	81.2	81.7	82.1	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 2500	80.1	82.8	83.2	83.7	84.0	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 2000	82.2	85.6	86.1	86.6	87.0	87.1	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 1800	83.4	86.5	87.0	87.6	88.0	88.1	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6
≥ 1500	85.0	88.4	88.9	89.6	90.0	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1200	86.5	90.4	91.0	91.8	92.2	92.3	92.6	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1000	87.4	91.5	92.3	93.1	93.6	93.7	94.0	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 900	87.8	92.1	92.8	93.7	94.2	94.3	94.6	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.1	95.1
≥ 800	88.2	92.7	93.5	94.4	95.0	95.2	95.5	95.6	95.6	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 700	88.5	93.2	94.1	95.1	95.8	95.9	96.3	96.4	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8
≥ 600	88.8	93.6	94.5	95.7	96.4	96.6	96.9	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.6	97.6
≥ 500	89.0	94.0	95.0	96.2	97.1	97.2	97.7	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.5
≥ 400	89.1	94.1	95.2	96.4	97.4	97.6	98.1	98.3	98.3	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 300	89.1	94.1	95.3	96.6	97.5	97.7	98.3	98.6	98.6	99.0	99.1	99.1	99.2	99.3	99.3	99.3
≥ 200	89.1	94.1	95.3	96.6	97.6	97.8	98.3	98.5	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 100	89.1	94.1	95.3	96.6	97.6	97.8	98.4	98.7	98.7	99.1	99.3	99.3	99.6	99.6	99.7	99.9
0	89.1	94.1	95.3	96.6	97.6	97.8	98.4	98.7	98.7	99.1	99.3	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 14481

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH, AAF TEX/MINERAL WELLS (STATION NAME) 63-65,67-70 (YEARS) APR (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.2	55.7	55.9	56.2	56.3	56.4	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 13000	61.5	63.4	63.6	64.0	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	61.7	63.6	63.9	64.2	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	63.0	64.9	65.2	65.5	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	64.1	66.2	66.5	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 10000	66.0	68.3	68.6	69.1	69.3	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7
≥ 9000	66.7	69.0	69.3	69.7	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	68.0	70.4	70.7	71.2	71.4	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	68.8	71.3	71.6	72.1	72.4	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	69.9	72.4	72.8	73.2	73.5	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	71.5	74.3	74.6	75.1	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	72.2	75.0	75.3	75.9	76.2	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	73.7	76.6	77.0	77.5	77.8	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	75.0	77.9	78.3	78.9	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	77.2	80.6	81.1	81.7	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 2500	79.4	82.8	83.4	84.0	84.4	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	[illegible]	[illegible]	[illegible]	87.2	87.6	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	83.2	87.0	87.7	88.4	88.9	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	84.0	88.2	89.0	90.7	91.2	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	86.0	91.4	92.1	92.9	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	87.5	92.4	94.2	94.1	94.6	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	87.8	92.8	93.7	94.6	95.2	95.3	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	88.2	93.4	94.3	95.3	95.9	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 700	88.4	93.6	94.8	95.9	96.5	96.6	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	88.7	94.0	95.2	96.4	97.1	97.2	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0
≥ 500	88.8	94.4	95.8	96.8	97.5	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	88.9	94.5	95.7	97.0	97.9	98.1	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	88.9	94.7	95.8	97.2	98.1	98.3	98.6	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 200	88.9	94.7	95.8	97.2	98.1	98.3	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 100	88.9	94.7	95.8	97.2	98.1	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
0	88.9	94.7	95.8	97.2	98.1	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 14198

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0494 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-68,67-70 YEARS | MAY 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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	55,2	56,8	57,1	57,2	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,1	57,4	57,4	57,4	57,4
≥ 20000	55,8	67,9	68,3	68,4	68,5	68,5	68,5	68,5	68,5	68,6	68,6	68,6	68,6	68,6	68,6	68,6
18000	66,1	68,2	68,5	68,7	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,4	68,9	68,9	68,9	68,9
16000	66,1	68,2	68,6	68,7	68,9	68,9	68,9	68,9	68,9	68,9	68,9	68,9	68,9	68,9	68,9	68,9
14000	67,2	69,3	69,7	69,8	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0
12000	69,1	71,3	71,6	71,8	71,9	71,9	72,0	72,0	72,0	72,0	72,0	72,0	72,0	72,0	72,0	72,0
10000	71,2	73,5	73,9	74,1	74,2	74,2	74,3	74,3	74,3	74,3	74,3	74,1	74,3	74,3	74,3	74,3
9000	71,8	74,1	74,5	74,7	74,8	74,8	74,9	74,9	74,9	74,9	74,9	74,9	74,9	74,9	74,9	74,9
8000	73,1	75,5	76,0	76,1	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3
7000	73,9	76,4	76,8	77,0	77,1	77,1	77,2	77,2	77,2	77,2	77,2	77,2	77,2	77,2	77,2	77,2
6000	74,9	77,5	78,0	78,2	78,3	78,3	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4
5000	76,4	79,2	79,7	79,9	80,0	80,0	80,1	80,1	80,1	80,1	80,1	80,1	80,1	80,1	80,1	80,1
4500	77,0	79,8	80,3	80,5	80,7	80,7	80,7	80,7	80,7	80,7	80,7	80,7	80,8	80,8	80,8	80,8
4000	78,7	81,7	82,2	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
3500	79,5	82,5	83,0	83,3	83,5	83,5	83,5	83,5	83,5	83,6	83,6	83,4	83,6	83,6	83,6	83,6
3000	81,4	84,5	85,1	85,4	85,6	85,6	85,6	85,6	85,6	85,7	85,7	85,7	85,7	85,7	85,7	85,7
2500	83,7	86,5	87,1	87,4	87,7	87,7	87,7	87,7	87,7	87,8	87,8	87,8	87,8	87,8	87,8	87,8
2000	85,5	89,0	89,6	90,0	90,2	90,2	90,3	90,3	90,3	90,4	90,4	90,4	90,4	90,4	90,4	90,4
1800	86,6	89,7	90,4	90,7	91,0	91,0	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1
1500	87,8	91,5	92,3	92,6	92,9	92,9	93,0	93,0	93,0	93,0	93,0	93,0	93,1	93,1	93,1	93,1
1200	89,3	93,5	94,3	94,7	95,0	95,0	95,1	95,2	95,2	95,2	95,2	95,2	95,2	95,2	95,2	95,2
1000	90,2	94,7	95,5	96,0	96,3	96,3	96,4	96,5	96,5	96,5	96,5	96,5	96,6	96,6	96,6	96,6
900	90,5	95,0	95,8	96,4	96,7	96,7	96,9	96,9	96,9	97,0	97,0	97,0	97,0	97,0	97,0	97,0
800	90,9	95,6	96,3	97,1	97,5	97,5	97,6	97,7	97,7	97,7	97,7	97,7	97,8	97,8	97,8	97,8
700	91,2	96,1	97,0	97,7	98,1	98,1	98,3	98,4	98,4	98,4	98,4	98,4	98,5	98,5	98,5	98,5
600	91,4	96,5	97,4	98,1	98,5	98,6	98,7	98,8	98,8	98,8	98,9	98,9	98,9	98,9	98,9	98,9
500	91,5	96,7	97,7	98,5	99,0	99,0	99,2	99,3	99,3	99,3	99,4	99,4	99,4	99,4	99,4	99,4
400	91,5	96,7	97,7	98,5	99,1	99,1	99,4	99,4	99,5	99,5	99,5	99,5	99,6	99,6	99,6	99,6
300	91,5	96,7	97,8	98,6	99,2	99,2	99,5	99,6	99,6	99,7	99,7	99,7	99,8	99,8	99,8	99,8
200	91,5	96,7	97,8	98,6	99,2	99,3	99,6	99,6	99,7	99,8	99,8	99,8	99,9	99,9	99,9	99,9
100	91,5	96,7	97,8	98,6	99,2	99,3	99,6	99,7	99,7	99,8	99,8	99,8	99,9	99,9	100,0	100,0
0	91,5	96,7	97,8	98,6	99,2	99,3	99,6	99,7	99,7	99,8	99,8	99,8	99,9	99,9	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 14572

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 — STATION
FT WORTH AAF TEX/MINERAL WELLS — STATION NAME
49-68,67-70 — YEARS
JUN — 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70,0	71,4	71,5	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6
≥ 20000	77,5	79,0	79,2	79,3	79,3	79,3	79,3	79,3	79,3	79,3	79,3	79,3	79,3	79,3	79,3	79,3
≥ 18000	77,6	79,2	79,3	79,4	79,4	79,4	79,4	79,4	79,4	79,4	79,4	79,4	79,5	79,5	79,5	79,5
≥ 16000	77,9	79,4	79,5	79,6	79,6	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7
≥ 14000	78,9	80,5	80,6	80,7	80,7	80,7	80,7	80,8	80,8	80,8	80,8	80,8	80,8	80,8	80,8	80,8
≥ 12000	81,8	82,6	82,7	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9
≥ 10000	82,8	84,5	84,6	84,8	84,8	84,8	84,8	84,8	84,8	84,8	84,8	84,8	84,8	84,8	84,8	84,8
≥ 9000	84,3	85,0	85,2	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,4	85,4
≥ 8000	84,5	86,2	86,3	86,5	86,5	86,5	86,5	86,5	86,5	86,5	86,5	86,5	86,5	86,5	86,6	86,6
≥ 7000	85,0	86,8	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	87,2
≥ 6000	86,9	87,7	87,8	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
≥ 5000	86,8	88,7	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
≥ 4500	87,1	89,1	89,2	89,4	89,4	89,4	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5
≥ 4000	88,2	90,2	90,4	90,5	90,5	90,6	90,6	90,6	90,6	90,6	90,6	90,6	90,6	90,6	90,6	90,6
≥ 3500	88,9	91,0	91,2	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
≥ 3000	90,1	92,2	92,4	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
≥ 2500	91,2	93,4	93,6	93,8	93,8	93,8	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9
≥ 2000	92,5	94,6	94,8	95,1	95,1	95,4	95,4	95,4	95,4	95,4	95,4	95,4	95,4	95,5	95,5	95,5
≥ 1800	93,1	94,6	95,7	95,9	95,9	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
≥ 1500	93,8	96,2	96,5	96,7	96,7	96,8	96,8	96,8	96,8	96,8	96,8	96,8	96,8	96,9	96,9	96,9
≥ 1200	94,6	97,1	97,4	97,6	97,7	97,8	97,9	97,8	97,8	97,8	97,8	97,8	97,8	97,8	97,8	97,8
≥ 1000	95,1	97,6	98,0	98,3	98,4	98,4	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 900	95,4	97,9	98,2	98,5	98,6	98,7	98,7	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8
≥ 800	95,4	98,1	98,4	98,8	98,9	99,0	99,0	99,0	99,0	99,1	99,1	99,1	99,1	99,1	99,1	99,1
≥ 700	95,5	97,7	98,6	99,0	99,1	99,2	99,2	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3
≥ 600	95,6	98,4	98,8	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
≥ 500	95,7	98,5	98,9	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
≥ 400	95,8	98,6	99,0	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
≥ 300	95,8	98,6	99,1	99,5	99,6	99,7	99,8	99,8	99,9	99,9	99,9	99,9	99,9	99,9	99,9	99,9
≥ 200	95,8	98,6	99,1	99,5	99,6	99,8	99,9	99,9	99,9	99,9	99,9	99,9	99,9	99,9	100,0	100,0
≥ 100	95,8	98,6	99,1	99,5	99,6	99,8	99,9	99,9	99,9	99,9	99,9	99,9	100,0	100,0	100,0	100,0
0	95,8	98,6	99,1	99,5	99,6	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 14154

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03963 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-69,67-70 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.5	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 20000	82.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	2.9	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
16000	3.1	84.2	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	84.3
≥ 14000	84.5	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	85.7	85.7
12000	87.7	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	89.1	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
9000	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 8000	90.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
7000	91.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	92.4	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
5000	93.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	93.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
4000	94.4	95.9	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
≥ 3500	94.8	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
3000	96.1	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	95.6	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2000	96.1	97.7	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	96.2	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	98.3	98.3
1500	96.5	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	96.8	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	99.1	99.1
1000	97.0	98.9	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	99.4
≥ 900	97.0	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
800	97.1	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	99.5	99.5
≥ 700	97.1	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
600	97.1	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.2	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	97.2	99.2	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
≥ 300	97.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	97.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	97.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14581

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 — STATION
FT WALTERS AAF TEX/MINERAL WELLS — STATION NAME
49-65,67-70 — YEARS
AUG. — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.2	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 20000	77.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	82.9	84.4	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
≥ 16000	83.0	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.8	84.9	84.9	84.9	84.9	84.9
≥ 14000	84.3	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 12000	86.7	88.3	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
≥ 10000	90.9	90.8	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
≥ 9000	91.3	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 8000	92.4	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 7000	93.2	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	94.3	94.2	94.4	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	95.2	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	95.6	95.6	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
≥ 4000	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 3500	96.5	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	97.0	97.2	97.4	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
≥ 2500	97.3	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
≥ 2000	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1800	97.9	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
≥ 1500	98.1	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	98.9	98.9
≥ 1200	98.3	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.4	98.8	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	99.4
≥ 900	98.5	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.6	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.6	99.1	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
≥ 600	98.7	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	98.7	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.8	99.2	99.5	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	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.8	99.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14590

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	69.1	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 20000	73.6	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 18000	73.7	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 16000	73.9	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	75.0	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 12000	77.4	79.1	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	79.7	81.7	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	80.2	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 8000	81.0	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 7000	81.7	84.1	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	82.7	85.2	85.5	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	83.7	86.4	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	84.1	86.8	87.2	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
≥ 4000	84.9	87.7	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	85.8	88.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	86.8	89.5	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	87.4	90.5	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	88.7	92.1	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 1800	89.3	92.7	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 1500	90.2	93.8	94.3	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
≥ 1200	91.8	95.2	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	92.0	96.1	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	92.2	96.4	97.0	97.3	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	92.4	96.8	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	92.6	97.2	97.8	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	92.9	97.6	98.3	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	92.9	97.7	98.4	98.9	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.0	97.9	98.6	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
≥ 300	93.0	97.9	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	93.0	97.9	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	93.0	97.9	98.5	99.1	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.0	97.9	98.6	99.1	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14000

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03961 FT WORTH AAF TEX/MINERAL WELLS 49-70 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.6	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.1	70.4	70.4
≥ 20000	72.8	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8
≥ 18000	72.9	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9
≥ 16000	73.0	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.1
≥ 14000	74.1	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1
≥ 12000	75.6	77.1	77.2	77.3	77.4	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.6
≥ 10000	77.6	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.9
≥ 9000	78.3	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.5	80.5
≥ 8000	79.5	81.2	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8
≥ 7000	80.1	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6
≥ 6000	81.0	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.7
≥ 5000	82.0	84.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.7	84.7
≥ 4500	82.4	84.5	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.1	85.1
≥ 4000	83.1	85.3	85.6	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.2	86.2
≥ 3500	84.0	86.2	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9
≥ 3000	86.3	87.6	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 2500	88.4	89.8	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.6
≥ 2000	88.8	90.6	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.6
≥ 1800	89.4	91.1	91.3	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.1
≥ 1500	89.6	92.4	92.7	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.5
≥ 1200	90.7	93.8	94.2	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.2
≥ 1000	91.4	94.5	95.0	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1
≥ 900	91.6	95.0	95.6	96.2	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.7	96.7
≥ 800	91.9	95.4	96.0	96.7	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 700	92.4	95.8	96.5	97.2	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9
≥ 600	92.5	96.2	96.9	97.7	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5
≥ 500	92.6	96.3	97.2	98.0	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 400	92.6	96.5	97.3	98.2	98.6	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	92.7	96.6	97.4	98.3	98.6	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 200	92.7	96.6	97.5	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100	92.7	96.6	97.5	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 0	92.7	96.6	97.5	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 13069

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03763 STATION | DE WILTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.4	65.7	65.9	66.0	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.8
≥ 20000	70.1	71.5	71.7	71.9	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.6	72.7
≥ 18000	70.2	71.6	71.7	72.0	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.7
≥ 16000	70.3	71.7	71.8	72.0	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.8
≥ 14000	71.0	72.4	72.6	72.8	73.1	73.1	73.2	73.2	73.2	73.1	73.3	73.1	73.4	73.4	73.5	73.6
≥ 12000	74.9	74.1	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.2	75.3
≥ 10000	74.1	74.7	74.9	76.1	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.8	76.9
≥ 9000	76.5	76.1	76.3	76.6	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.4
≥ 8000	75.8	77.1	77.2	77.5	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.2	78.3
≥ 7000	76.0	77.7	77.9	78.2	78.4	78.5	78.5	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.9	79.0
≥ 6000	76.7	78.5	78.7	79.0	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.8
≥ 5000	78.0	79.9	80.2	80.5	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.2	81.3
≥ 4500	78.8	81.4	80.7	81.0	81.2	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.7	81.8
≥ 4000	79.5	81.6	81.9	82.1	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.9	83.0
≥ 3500	80.2	82.3	82.6	82.9	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.7	83.8
≥ 3000	81.3	83.5	83.8	84.1	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.9	85.0
≥ 2500	82.5	84.8	85.2	85.5	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.2	86.4
≥ 2000	84.0	86.6	86.9	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	88.1	88.2
≥ 1800	84.6	87.3	87.7	88.0	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.8	89.0
≥ 1500	85.9	88.8	89.2	89.6	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.7
≥ 1200	86.9	90.1	90.6	91.1	91.5	91.6	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.1	92.3
≥ 1000	87.0	91.0	91.7	92.2	92.6	92.7	92.9	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.3	93.4
≥ 900	87.9	91.9	92.2	92.8	93.2	93.3	93.6	93.6	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.1
≥ 800	88.3	92.0	92.7	93.3	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.7	94.8
≥ 700	88.5	92.4	93.2	93.9	94.5	94.6	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.4	95.5
≥ 600	88.6	92.8	93.6	94.5	95.2	95.3	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.3
≥ 500	88.7	93.0	94.0	95.0	95.8	96.0	96.5	96.6	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.3
≥ 400	88.8	93.3	94.3	95.3	96.3	96.7	97.3	97.5	97.5	97.7	97.7	97.7	97.9	97.9	98.0	98.2
≥ 300	88.8	93.3	94.4	95.7	96.8	97.0	97.7	98.0	98.0	98.2	98.3	98.3	98.5	98.5	98.7	98.8
≥ 200	88.8	93.4	94.4	95.7	96.9	97.1	97.9	98.2	98.2	98.4	98.5	98.5	98.9	98.9	99.1	99.2
≥ 100	88.8	93.4	94.4	95.7	96.9	97.1	98.0	98.2	98.3	98.6	98.7	98.7	99.1	99.1	99.4	99.5
0	88.8	93.4	94.4	95.7	96.9	97.1	98.0	98.2	98.3	98.6	98.7	98.7	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1410?

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION — [redacted] STATION NAME — 49-70 YEARS — [redacted] 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	62.7	63.9	64.1	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6
≥ 20000	65.1	68.6	69.9	70.1	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.6	70.5	70.5	70.6	70.6
≥ 18000	65.4	68.9	70.1	70.4	70.5	70.6	70.6	70.7	70.7	70.7	70.8	70.9	70.8	70.8	70.9	70.9
≥ 16000	65.8	69.2	70.5	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.3	71.3
≥ 14000	66.9	69.3	70.6	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4
≥ 12000	68.1	70.6	71.9	72.2	72.3	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 10000	69.4	72.0	73.2	73.5	73.6	73.7	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.1
≥ 9000	69.9	72.5	73.7	74.0	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.6
≥ 8000	70.9	73.5	74.7	75.0	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.6
≥ 7000	71.5	73.1	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	72.3	74.1	74.3	74.6	74.7	74.7	74.8	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.1
≥ 5000	72.4	74.2	75.0	75.3	75.4	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.2
≥ 4500	73.1	73.5	75.8	76.1	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.7
≥ 4000	74.3	76.7	77.1	77.4	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0
≥ 3500	75.5	77.7	78.0	78.4	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0
≥ 3000	77.3	79.6	79.9	80.2	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8
≥ 2500	78.9	81.1	81.6	81.9	82.0	82.1	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 2000	81.0	83.4	83.9	84.3	84.4	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 1800	81.7	84.2	84.7	85.1	85.2	85.4	85.5	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.8	85.8
≥ 1500	83.0	85.9	86.4	86.9	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 1200	84.9	87.5	88.1	88.8	89.0	89.1	89.3	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.6	89.6
≥ 1000	85.2	88.1	89.4	90.1	90.3	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0
≥ 900	85.5	88.4	89.9	90.6	90.9	91.0	91.2	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6
≥ 800	85.8	88.8	90.3	91.4	91.7	91.8	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.5
≥ 700	90.1	92.3	91.2	92.1	92.6	92.7	93.0	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5
≥ 600	90.3	92.9	91.9	92.9	93.2	93.7	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.7
≥ 500	96.7	91.4	92.5	93.7	94.6	94.8	95.0	95.6	95.6	95.8	95.9	95.9	95.9	95.9	96.0	96.1
≥ 400	96.8	91.7	92.8	94.3	95.2	95.5	96.3	96.3	96.6	96.3	96.9	96.9	97.0	97.0	97.1	97.1
≥ 300	96.9	91.8	93.0	94.6	95.7	96.1	97.2	97.5	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.2
≥ 200	96.9	91.8	93.1	94.7	95.8	96.2	97.3	97.8	97.9	98.4	98.5	98.6	98.6	98.6	98.7	98.8
≥ 100	96.9	91.8	93.1	94.7	95.8	96.2	97.3	97.9	97.9	98.5	98.7	98.7	98.9	98.9	99.4	99.4
0	96.9	91.8	93.1	94.7	95.8	96.2	97.3	97.9	97.9	98.5	98.7	98.7	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 14127

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(3961) STATION — FT WILLIS AFF TEX/WICHITA FALLS STATION NAME — 49-65,67-70 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.0	58.5	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.5	59.5
≥ 20000	62.1	63.6	63.6	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.4	64.4	64.6	64.6
< 20000	62.3	63.8	63.8	63.9	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.6	64.6	64.7	64.7
≥ 18000	62.4	63.9	63.9	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.7	64.7	64.8	64.8
< 16000	62.4	63.9	63.9	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.7	64.7	64.8	64.8
≥ 14000	63.2	64.7	64.8	65.0	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.4	65.7	65.7	65.9	65.9
< 12000	66.1	67.6	67.7	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.6	68.6	68.8	68.8
≥ 10000	66.2	67.7	67.8	67.9	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.7	68.7	68.9	68.9
< 9000	66.3	67.8	67.9	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.8	68.8	69.0	69.0
≥ 8000	7.3	69.1	69.2	69.4	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.3	70.3
< 7000	7.4	69.2	69.4	69.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.4	70.4	70.6	70.6
≥ 6000	70.2	70.7	70.8	70.9	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.6	71.6	71.8	71.8
< 5000	70.2	70.7	70.9	71.1	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.8	71.8	72.0	72.0
≥ 4500	70.7	71.2	71.4	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.3	72.3	72.5	72.5
< 4000	70.7	71.2	71.4	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.3	72.3	72.5	72.5
≥ 3500	71.5	72.0	72.2	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	73.1	73.1	73.3	73.3
< 3000	71.5	72.0	72.2	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	73.1	73.1	73.3	73.3
≥ 2500	73.5	74.0	74.2	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	75.1	75.1	75.3	75.3
< 2000	73.7	74.2	74.4	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.3	75.3	75.5	75.5
≥ 1800	77.0	77.6	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.7	78.7	78.9	78.9
< 1500	77.0	77.6	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.7	78.7	78.9	78.9
≥ 1200	79.3	79.9	80.1	80.3	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	81.0	81.0	81.2	81.2
< 1000	79.5	80.1	80.3	80.5	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	81.2	81.2	81.4	81.4
≥ 900	80.0	80.6	80.8	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.7	81.7	81.9	81.9
< 800	80.8	81.4	81.6	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.5	82.5	82.7	82.7
≥ 700	83.2	83.8	84.0	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.9	84.9	85.1	85.1
< 600	83.3	83.9	84.1	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	85.0	85.0	85.2	85.2
≥ 500	83.6	84.2	84.4	84.6	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.5	85.5
< 400	83.7	84.3	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.4	85.4	85.6	85.6
≥ 300	83.7	84.3	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.4	85.4	85.6	85.6
< 200	83.7	84.3	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.4	85.4	85.6	85.6
≥ 100	83.7	84.3	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.4	85.4	85.6	85.6
0	83.7	84.3	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.4	85.4	85.6	85.6

TOTAL NUMBER OF OBSERVATIONS 1741

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 49-69,87-70 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.8	55.1	55.4	55.5	55.7	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.2	56.3	56.0	56.9
≥ 18000 ≥ 16000	57.4	59.7	60.0	60.2	60.4	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.9	60.9	61.2	61.7
≥ 14000 ≥ 12000	59.0	61.3	61.6	61.8	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.5	62.5	62.8	63.2
≥ 10000 ≥ 9000	61.8	64.2	64.5	64.7	64.9	64.9	65.0	65.0	65.0	65.2	65.2	65.2	65.4	65.4	65.7	66.1
≥ 8000 ≥ 7000	62.6	65.2	65.4	65.6	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.4	66.4	66.7	67.2
≥ 6000 ≥ 5000	63.8	66.3	66.6	66.8	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.6	67.6	67.9	68.4
≥ 4500 ≥ 4000	65.0	67.7	68.0	68.2	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	69.0	69.0	69.3	69.8
≥ 3500 ≥ 3000	66.4	69.5	69.8	69.7	70.0	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.9	71.4
≥ 2500 ≥ 2000	68.9	72.3	72.5	72.8	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.7	73.8	74.1	74.6
≥ 1800 ≥ 1500	74.5	76.3	76.5	76.8	77.1	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.9	78.0	78.2	78.7
≥ 1200 ≥ 1000	79.5	81.5	82.0	82.4	83.0	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.8	83.8	84.1	84.6
≥ 900 ≥ 800	78.2	84.5	85.2	85.8	86.5	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.4	87.4	87.7	88.2
≥ 700 ≥ 600	78.8	86.1	86.9	87.8	88.7	88.8	89.3	89.3	89.3	89.4	89.4	89.5	89.6	89.7	89.9	90.4
≥ 500 ≥ 400	78.9	86.9	88.4	89.8	91.0	91.4	92.0	92.0	92.0	92.1	92.1	92.1	92.4	92.5	92.7	93.2
≥ 300 ≥ 200	79.0	87.1	89.0	90.9	92.9	93.3	94.3	94.3	94.3	94.4	94.4	94.4	94.7	94.8	95.2	95.7
≥ 100 0	79.0	87.4	89.1	91.0	93.1	93.5	95.0	95.1	95.1	96.0	96.0	96.0	96.3	96.4	97.0	98.4

TOTAL NUMBER OF OBSERVATIONS 1820

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION — FT WORTH AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[redacted] HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.1	48.1	48.3	48.8	49.1	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.6	49.6	49.9	50.3
	51.3	[illegible]	54.2	54.7	[illegible]	55.1	55.2	55.2	55.4	55.3	55.4	55.3	55.5	55.8	55.[illegible]	56.3
≥ 18000 ≥ 16000	52.0	54.1	54.3	54.6	55.1	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.7	55.7	55.9	56.4
	52.6	54.7	54.9	55.4	55.7	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.2	56.2	56.5	57.0
≥ 14000 ≥ 12000	54.6	56.7	57.0	57.5	57.7	57.8	57.9	57.9	57.9	58.1	58.1	58.1	58.3	58.3	58.5	59.0
	56.4	58.5	58.8	59.3	59.5	59.6	59.7	59.7	59.7	59.9	59.9	59.9	60.1	60.1	60.3	60.8
≥ 10000 9000	57.9	60.1	60.3	60.8	61.1	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.7	61.7	61.9	62.4
	59.3	61.5	61.7	62.2	62.4	62.5	62.7	62.7	62.7	62.8	62.8	62.8	63.0	63.0	63.2	63.8
≥ 8000 7000	60.8	63.1	63.4	63.9	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.8	64.8	65.0	65.5
	61.4	63.8	64.2	64.6	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.6	65.6	65.8	66.3
≥ 6000 5000	62.7	65.3	65.6	66.2	66.5	66.6	66.8	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.4	68.0
	64.0	66.7	67.2	67.8	68.1	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.8	68.8	69.1	69.8
≥ 4500 4000	65.5	68.1	68.4	69.0	69.3	69.4	69.6	69.6	69.6	69.8	69.8	69.8	70.0	70.0	70.2	70.7
	66.6	69.2	69.4	70.0	70.3	70.4	70.5	70.6	70.6	70.7	70.7	70.7	71.0	71.0	71.2	71.7
≥ 3500 3000	67.0	69.7	69.9	70.5	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.5	72.0
	68.0	70.7	71.2	71.8	72.1	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.8	72.8	73.1	73.6
≥ 2500 2000	68.5	71.2	71.4	72.0	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.7	73.0	73.0	73.3	73.8
	69.4	72.1	72.4	73.0	73.3	73.4	73.6	73.6	73.6	73.7	73.7	73.7	74.0	74.0	74.3	74.8
≥ 1800 1500	69.4	72.1	72.3	73.1	73.5	73.5	73.8	73.9	73.9	74.0	74.0	74.1	74.2	74.2	74.5	75.0
	70.5	73.2	73.5	74.2	74.6	74.7	74.9	75.0	75.0	75.1	75.1	75.2	75.3	75.3	75.6	76.2
≥ 1200 1000	72.0	74.7	75.0	75.8	76.1	76.2	76.4	76.5	76.5	76.6	76.6	76.7	76.8	76.8	77.1	77.7
	73.1	75.8	76.1	76.9	77.2	77.3	77.5	77.6	77.6	77.7	77.7	77.8	77.9	77.9	78.2	78.8
≥ 900 800	74.7	77.5	77.8	78.6	79.0	79.1	79.3	79.4	79.4	79.5	79.5	79.6	79.7	79.7	80.0	80.6
	75.2	78.0	78.3	79.1	79.5	79.6	79.8	79.9	79.9	80.0	80.0	80.1	80.2	80.2	80.5	81.1
≥ 700 600	75.5	78.3	78.6	79.4	79.8	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.5	80.5	80.8	81.4
	75.5	78.3	78.7	79.5	79.9	80.0	80.2	80.3	80.3	80.4	80.4	80.5	80.6	80.6	80.9	81.5
≥ 500 400	75.7	78.5	78.9	79.7	80.1	80.2	80.4	80.5	80.5	80.6	80.6	80.7	80.8	80.8	81.1	81.7
	75.9	78.7	79.1	79.9	80.3	80.4	80.6	80.7	80.7	80.8	80.8	80.9	81.0	81.0	81.3	81.8
≥ 300 200	75.9	78.8	79.2	80.0	80.4	80.5	80.7	80.8	80.8	80.9	80.9	81.0	81.1	81.1	81.4	82.0
	75.9	78.8	79.2	80.0	80.4	80.5	80.7	80.8	80.8	80.9	80.9	81.0	81.1	81.1	81.4	82.0
≥ 100 0	75.9	78.9	79.3	80.2	80.6	80.7	80.9	81.0	81.0	81.1	81.1	81.2	81.3	81.3	81.6	82.2
	75.9	78.9	79.3	80.2	80.6	80.7	80.9	81.0	81.0	81.1	81.1	81.2	81.3	81.3	81.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1811

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME FT WALTERS AAF [illegible] WELLS 49-65,67-70 YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-1100~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	56.8	57.1	57.5	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.1	58.2
≥ 18000 ≥ 16000	56.5	57.0	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.5
≥ 14000 ≥ 12000	62.9	63.1	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.1
≥ 10000 ≥ 9000	65.0	65.0	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.8	66.0
≥ 8000 ≥ 7000	66.0	66.0	66.1	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.8	66.9
≥ 6000 ≥ 5000	66.7	66.8	66.9	66.5	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1
≥ 4500 ≥ 4000	67.0	67.4	67.6	68.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.6	68.7
≥ 3500 ≥ 3000	67.1	68.6	68.8	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	70.0
≥ 2500 ≥ 2000	70.6	72.3	72.5	73.0	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.7
≥ 1800 ≥ 1500	73.3	75.3	75.5	76.1	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8
≥ 1200 ≥ 1000	76.6	81.2	81.4	82.2	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.1
≥ 900 ≥ 800	79.9	83.1	83.9	85.0	85.4	85.5	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.3
≥ 700 ≥ 600	81.1	85.1	86.1	87.6	88.1	88.3	88.8	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.4	89.5
≥ 500 ≥ 400	81.5	86.3	87.5	89.5	90.7	91.2	92.3	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.3	93.5
≥ 300 ≥ 200	81.8	86.3	88.2	90.6	92.2	92.5	94.1	95.2	95.2	95.8	96.4	96.4	96.7	96.7	97.1	97.3
≥ 100 0	81.8	86.4	88.2	90.6	92.4	93.0	94.5	95.7	95.7	96.6	97.4	97.4	98.0	98.1	98.6	99.5

TOTAL NUMBER OF OBSERVATIONS _____ 1935

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

03943 | FT WORTH AAF (TEX)/MINERAL WELLS | 49-65,67-70 | JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.2	53.7	53.8	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
	61.2	61.5	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
< 20000 ≥ 18000	61.5	62.2	62.2	62.3	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
< 18000 ≥ 16000	62.2	62.8	62.9	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
< 16000 ≥ 14000	63.4	64.0	64.1	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
< 14000 ≥ 12000	65.4	66.0	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
< 12000 ≥ 10000	66.8	67.3	67.6	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
< 10000 ≥ 9000	67.7	67.9	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
< 9000 ≥ 8000	67.7	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
< 8000 ≥ 7000	68.5	69.2	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
< 7000 ≥ 6000	69.8	70.1	70.1	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
< 6000 ≥ 5000	70.1	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
< 5000 ≥ 4500	70.9	71.1	71.2	71.3	71.3	71.4	71.5	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
< 4500 ≥ 4000	71.3	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
< 4000 ≥ 3500	72.1	72.9	73.0	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
< 3500 ≥ 3000	73.7	74.1	74.2	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
< 3000 ≥ 2500	76.0	76.9	77.1	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
< 2500 ≥ 2000	78.8	80.0	80.1	80.5	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9	80.8	80.8	80.8	80.8
< 2000 ≥ 1800	80.3	81.4	81.6	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
< 1800 ≥ 1500	82.6	83.9	84.1	84.4	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
< 1500 ≥ 1200	84.6	86.2	86.4	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
< 1200 ≥ 1000	86.3	87.5	87.9	88.4	88.5	88.6	88.7	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
< 1000 ≥ 900	88.0	88.7	88.8	89.4	89.6	89.7	89.7	89.8	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.3
< 900 ≥ 800	89.6	90.3	90.3	91.0	91.3	91.4	91.5	91.6	91.6	92.0	92.1	92.1	92.2	92.2	92.2	92.2
< 800 ≥ 700	90.0	90.4	91.3	92.2	92.7	92.8	93.0	93.0	93.1	93.4	93.6	93.6	93.7	93.7	93.7	93.7
< 700 ≥ 600	91.0	91.4	92.4	93.4	94.3	94.5	94.9	95.0	95.1	95.5	95.6	95.6	95.7	95.7	95.7	95.7
< 600 ≥ 500	91.8	92.1	92.8	94.1	95.1	95.6	96.1	96.3	96.4	96.8	97.0	97.0	97.2	97.2	97.2	97.2
< 500 ≥ 400	91.9	92.2	93.2	94.5	95.8	96.3	97.1	97.3	97.4	97.9	98.2	98.2	98.4	98.4	98.4	98.4
< 400 ≥ 300	91.9	92.4	93.3	94.9	96.3	96.8	97.9	98.2	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.4
< 300 ≥ 200	91.9	92.4	93.3	94.9	96.3	96.9	97.9	98.3	98.4	99.0	99.3	99.3	99.4	99.4	99.4	99.4
< 200 ≥ 100	91.9	92.4	93.3	94.9	96.3	96.9	97.9	98.3	98.4	99.0	99.3	99.3	99.4	99.4	99.4	99.4
< 100 0	91.9	92.4	93.3	94.9	96.3	96.9	97.9	98.3	98.4	99.0	99.3	99.3	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1892

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(1941) STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.6	56.4	56.5	56.6	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1
≥ 18000 ≥ 16000	64.0	65.4	65.5	65.6	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1
≥ 14000 ≥ 12000	67.2	67.9	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6
≥ 10000 ≥ 9000	71.1	71.8	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 8000 ≥ 7000	72.7	73.4	73.6	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 6000 ≥ 5000	74.2	75.0	75.2	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8	75.8
≥ 4500 ≥ 4000	75.6	76.5	76.7	76.8	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 3500 ≥ 3000	77.6	78.5	78.7	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 2500 ≥ 2000	82.0	83.3	83.5	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 1800 ≥ 1500	84.8	86.4	86.8	87.4	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 1200 ≥ 1000	87.0	89.4	90.1	90.7	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 900 ≥ 800	87.5	90.4	91.1	91.8	92.2	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 700 ≥ 600	88.1	91.3	92.5	93.3	94.0	94.2	94.4	94.5	94.6	94.7	94.7	94.7	95.0	95.0	95.0	95.0
≥ 500 ≥ 400	89.0	92.8	93.2	95.0	96.5	96.7	97.2	97.4	97.7	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300 ≥ 200	89.0	92.9	94.3	95.9	97.1	97.4	98.1	98.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6
≥ 100 0	9.0	92.9	94.3	95.9	97.1	97.5	98.2	98.8	99.0	99.3	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1515

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | FT WORTH/AP TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	[illegible]	[illegible]	61,5	61,7	61,7	61,	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,9
	[illegible]	[illegible]	68,3	[illegible]	[illegible]	[illegible]	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1
≥ 18000 ≥ 16000	[illegible]	[illegible]	69,0	69,1	69,1	69,2	69,2	69,2	69,2	69,2	69,2	69,2	69,2	69,2	69,2	69,3
	[illegible]	[illegible]	[illegible]	69,3	69,2	69,3	69,3	69,3	69,3	69,3	69,3	69,3	69,3	69,3	69,3	69,4
≥ 14000 ≥ 12000	[illegible]	[illegible]	70,6	70,8	70,8	70,8	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9
	[illegible]	[illegible]	72,3	72,4	72,4	72,5	72,5	72,5	72,5	72,5	72,5	72,5	72,5	72,5	72,5	72,6
≥ 10000 ≥ 9000	71,8	73,8	73,9	74,0	74,0	74,1	74,1	74,1	74,1	74,1	74,1	74,1	74,1	74,1	74,1	74,2
	[illegible]	[illegible]	76,9	75,0	[illegible]	75,0	75,1	75,1	75,1	75,1	75,1	75,1	75,1	75,1	75,1	75,1
≥ 8000 ≥ 7000	73,5	[illegible]	75,7	75,8	75,8	75,8	75,9	75,9	75,9	75,9	75,9	75,9	75,9	75,9	75,9	75,9
	[illegible]	[illegible]	76,2	76,3	[illegible]	76,4	76,5	76,5	76,5	76,5	76,5	76,5	76,5	76,5	76,5	76,5
≥ 6000 ≥ 5000	[illegible]	[illegible]	76,8	76,9	76,9	77,0	77,0	77,0	77,0	77,0	77,0	77,0	77,0	77,0	77,0	77,1
	[illegible]	[illegible]	78,2	78,3	[illegible]	78,3	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4
≥ 4500 ≥ 4000	[illegible]	[illegible]	78,6	78,7	78,7	78,8	78,8	78,8	78,8	78,8	78,8	78,8	78,8	78,8	78,8	78,9
	[illegible]	[illegible]	79,4	79,5	79,5	79,6	79,6	79,6	79,6	79,6	79,6	79,6	79,6	79,6	79,6	79,7
≥ 3500 ≥ 3000	77,9	[illegible]	[illegible]	80,4	80,4	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,6
	[illegible]	[illegible]	[illegible]	82,2	82,2	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,4
≥ 2500 ≥ 2000	[illegible]	[illegible]	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
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800 ≥ 1500	[illegible]	[illegible]	86,1	86,2	86,2	86,3	86,3	86,3	86,3	86,3	86,3	86,3	86,3	86,3	86,3	86,4
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200 ≥ 1000	[illegible]	[illegible]	89,9	90,2	90,2	90,3	90,4	90,4	90,4	90,4	90,4	90,4	90,5	90,5	90,5	90,6
	[illegible]	[illegible]	90,7	91,2	91,3	91,4	91,5	91,5	91,5	91,5	91,5	91,5	91,6	91,6	91,6	91,6
≥ 900 ≥ 800	[illegible]	[illegible]	91,1	91,6	91,8	91,9	92,0	92,0	92,0	92,0	92,0	92,0	92,1	92,1	92,1	92,2
	[illegible]	[illegible]	[illegible]	92,7	92,9	93,0	93,1	93,1	93,1	93,1	93,1	93,1	93,2	93,2	93,2	93,3
≥ 700 ≥ 600	[illegible]	[illegible]	92,6	93,3	93,7	93,8	93,9	93,9	93,9	94,0	94,0	94,0	94,0	94,0	94,0	94,1
	[illegible]	[illegible]	93,2	94,1	94,7	94,8	94,9	94,9	94,9	95,0	95,0	95,0	95,1	95,1	95,1	95,1
≥ 500 ≥ 400	[illegible]	[illegible]	94,0	95,4	96,1	96,3	96,4	96,5	96,5	96,6	96,6	96,6	96,8	96,8	96,8	96,9
	[illegible]	[illegible]	94,1	95,6	96,4	96,8	97,0	97,0	97,0	97,3	97,3	97,3	97,5	97,5	97,5	97,6
≥ 300 ≥ 200	[illegible]	[illegible]	94,4	96,0	97,0	97,4	98,0	98,1	98,1	98,3	98,4	98,4	98,5	98,5	98,6	98,6
	[illegible]	[illegible]	94,5	96,1	97,2	97,6	98,3	98,4	98,5	98,7	98,8	98,8	99,1	99,1	99,1	99,2
≥ 100 0	[illegible]	[illegible]	94,5	96,1	97,2	97,6	98,4	98,6	98,6	99,0	99,1	99,1	99,6	99,6	99,7	99,8
	[illegible]	[illegible]	94,5	96,1	97,2	97,6	98,4	98,6	98,6	99,0	99,1	99,1	99,6	99,6	99,7	100,0

TOTAL NUMBER OF OBSERVATIONS 1758

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] FT WORTH/DALLAS TEX/MINERAL WELLS 69-65,67-70 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	70.1	70.2	70.3	70.3	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	73.3	73.4	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	75.4	77.3	77.7	77.7	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.1	78.0	78.0	78.1	78.1
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	79.7	79.9	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	81.9	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	84.2	84.3	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	88.2	88.3	88.6	88.6	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	90.8	91.1	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	91.1	92.2	92.4	92.6	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	93.8	94.0	94.4	94.7	94.9	94.9	94.9	95.2	95.2	95.3	95.3	95.3	95.4	95.4
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	96.5	95.3	96.1	96.3	97.1	97.3	97.3	97.5	97.5	97.4	97.6	97.6	97.8	97.9
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	96.5	95.3	96.4	96.8	97.6	97.8	97.8	98.0	98.4	98.4	96.9	98.9	99.1	99.2
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 1733

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03021 | FT WORTH AAF TEX/MINERAL WELLS | 49-65,67-70 | YEARS | FEB | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0300 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	61.5	61.7	61.9	62.0	62.0	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 20000	63.6	65.3	65.5	65.8	66.0	66.0	66.1	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.6
18000	63.6	65.3	65.5	65.8	66.0	66.0	66.1	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.6
16000	63.6	65.3	65.5	65.8	66.0	66.0	66.1	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.6
AVA 14000	64.4	66.2	66.4	66.7	66.9	66.9	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.5
AVA 12000	65.3	67.1	67.5	67.8	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.6
AVA 10000	66.3	68.4	68.6	68.9	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.7
AVA 9000	66.8	68.5	68.7	69.0	69.2	69.2	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.8
AVA 8000	67.2	69.3	69.5	69.8	70.0	70.0	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.6
AVA 7000	68.1	70.4	70.6	70.9	71.1	71.1	71.2	71.2	71.2	71.5	71.5	71.5	71.6	71.6	71.6	71.7
AVA 6000	68.9	71.3	71.7	72.0	72.2	72.2	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.8
AVA 5000	70.0	72.9	73.0	73.4	73.5	73.5	73.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.2
AVA 4500	70.4	73.4	73.5	73.9	74.1	74.1	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.7
AVA 4000	70.8	74.1	74.4	74.7	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.6
AVA 3500	71.3	74.7	75.0	75.4	75.7	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.3
AVA 3000	72.0	76.1	76.4	76.8	77.0	77.0	77.1	77.1	77.1	77.4	77.4	77.4	77.5	77.5	77.5	77.6
AVA 2500	73.4	77.5	77.9	78.3	78.5	78.5	78.7	78.7	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.2
AVA 2000	76.4	80.2	80.7	81.1	81.4	81.4	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	82.1
AVA 1800	77.1	81.2	81.7	82.1	82.4	82.4	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.1
AVA 1500	78.8	83.1	83.7	84.2	84.6	84.6	84.8	84.8	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.3
AVA 1200	80.7	85.4	86.1	86.8	87.3	87.3	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	88.0
AVA 1000	81.4	86.6	87.5	88.2	88.7	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.4	89.4	89.4	89.6
AVA 900	81.4	87.4	88.6	89.3	89.8	89.8	89.9	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.6
AVA 800	81.7	88.3	89.6	90.2	90.9	91.0	91.3	91.3	91.3	91.6	91.6	91.6	91.8	91.8	91.8	92.0
AVA 700	81.9	88.8	90.2	90.9	91.5	91.6	91.9	92.0	92.0	92.3	92.3	92.3	92.5	92.5	92.5	92.7
AVA 600	81.9	89.4	90.7	91.4	92.1	92.2	92.6	92.7	92.7	93.1	93.1	93.1	93.3	93.3	93.4	93.5
AVA 500	82.3	89.6	91.1	92.0	93.0	93.2	93.9	94.0	94.0	94.5	94.5	94.5	94.7	94.7	94.8	95.0
AVA 400	82.4	90.3	91.9	93.1	94.2	94.3	95.2	95.3	95.3	95.8	95.8	95.8	96.0	96.0	96.1	96.3
AVA 300	82.4	90.5	92.2	93.5	94.8	95.0	96.1	96.3	96.3	96.8	96.8	96.8	97.0	97.0	97.1	97.3
AVA 200	82.4	90.6	92.3	93.7	95.0	95.4	96.8	97.0	97.0	97.5	97.6	97.6	97.8	97.8	98.1	98.1
AVA 100	82.4	90.6	92.3	93.7	95.0	95.4	96.9	97.1	97.1	97.6	97.8	97.8	98.1	98.2	98.5	98.7
0	82.4	90.6	92.3	93.7	95.0	95.4	96.9	97.1	97.1	97.6	97.8	97.8	98.2	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1610

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03940 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 59-65,67-70 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	55.6	58.9	56.2	56.8	56.8	57.1	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.6	57.9
≥ 20000	58.8	59.9	60.2	60.6	61.2	61.2	61.5	61.6	61.6	61.9	61.9	61.9	61.9	61.9	62.1	62.5
≥ 18000	58.8	60.1	60.4	60.7	61.4	61.4	61.7	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.2	62.6
≥ 16000	58.8	60.3	60.6	60.9	61.6	61.6	61.9	61.9	61.9	62.2	62.3	62.3	62.3	62.3	62.4	62.8
≥ 14000	59.7	61.5	61.8	62.2	62.8	62.8	63.1	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.7	64.1
≥ 12000	61.4	63.2	63.5	63.8	64.5	64.5	64.8	64.9	64.9	65.2	65.2	65.3	65.3	65.3	65.5	65.9
≥ 10000	62.3	64.6	64.9	65.3	65.9	65.9	66.2	66.3	66.3	66.6	66.7	66.7	66.8	66.8	66.9	67.3
≥ 9000	62.7	64.9	65.2	65.5	66.2	66.2	66.5	66.5	66.5	66.8	66.9	66.9	67.0	67.0	67.1	67.6
≥ 8000	63.2	65.8	65.8	66.2	66.8	66.8	67.1	67.2	67.2	67.5	67.6	67.6	67.7	67.7	67.8	68.2
≥ 7000	64.1	66.7	67.0	67.3	68.0	68.0	68.3	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.9	69.4
≥ 6000	64.8	67.2	67.5	67.9	68.5	68.5	68.8	68.9	68.9	69.2	69.2	69.3	69.4	69.4	69.5	69.9
≥ 5000	65.5	68.5	68.9	69.2	69.9	69.9	70.2	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.9	71.3
≥ 4500	66.4	69.0	69.4	69.8	70.4	70.4	70.7	70.8	70.8	71.1	71.2	71.3	71.3	71.3	71.4	71.8
≥ 4000	67.2	69.8	70.2	70.6	71.2	71.2	71.5	71.6	71.6	71.9	72.0	72.0	72.1	72.1	72.2	72.7
≥ 3500	67.9	70.5	70.9	71.3	71.9	71.9	72.2	72.3	72.3	72.7	72.7	72.7	72.8	72.8	73.0	73.4
≥ 3000	68.3	72.3	72.7	73.1	73.9	73.9	74.2	74.2	74.2	74.6	74.6	74.6	74.8	74.8	74.9	75.3
≥ 2500	70.3	73.4	74.8	74.2	74.9	74.9	75.2	75.3	75.3	75.7	75.7	75.7	75.8	75.8	76.0	76.4
≥ 2000	72.9	76.2	76.6	77.0	77.8	77.8	78.1	78.2	78.2	78.6	78.7	78.7	78.8	78.8	78.9	79.3
≥ 1800	74.2	77.6	78.1	78.4	79.3	79.3	79.6	79.6	79.6	80.0	80.1	80.1	80.2	80.2	80.3	80.8
≥ 1500	75.7	79.3	79.9	80.4	81.3	81.3	81.6	81.7	81.7	82.1	82.1	82.1	82.3	82.3	82.4	82.8
≥ 1200	76.4	82.3	82.9	83.4	84.4	84.4	84.8	84.8	84.8	85.4	85.4	85.4	85.6	85.6	85.7	86.1
≥ 1000	78.1	83.3	83.9	84.5	85.8	85.8	86.2	86.2	86.2	86.8	86.9	86.9	87.0	87.0	87.1	87.5
≥ 900	79.0	84.4	85.3	86.0	87.3	87.3	87.6	87.7	87.7	88.3	88.4	88.4	88.5	88.5	88.6	89.0
≥ 800	79.3	85.1	86.0	86.8	88.1	88.4	88.8	88.8	88.9	89.5	89.6	89.7	89.7	89.7	89.8	90.2
≥ 700	79.9	86.6	86.9	87.5	89.2	89.3	89.7	89.8	89.9	90.5	90.5	90.9	90.6	90.6	90.8	91.2
≥ 600	79.9	86.9	87.4	88.5	90.5	90.5	91.2	91.2	91.3	92.0	92.0	92.0	92.1	92.1	92.3	92.7
≥ 500	79.8	86.9	88.4	89.7	91.8	91.8	92.8	92.9	92.9	93.6	93.6	93.6	93.8	93.8	93.9	94.3
≥ 400	79.9	87.1	88.9	90.3	92.6	92.6	93.6	93.8	93.8	94.5	94.6	94.6	94.7	94.7	94.8	95.3
≥ 300	79.9	87.3	89.0	90.9	93.7	93.8	95.1	95.3	95.3	96.1	96.2	96.3	96.3	96.3	96.5	96.9
≥ 200	79.9	87.3	89.0	90.9	93.8	94.0	95.7	96.0	96.0	96.9	97.1	97.1	97.2	97.2	97.3	98.0
≥ 100	79.9	87.3	89.0	90.9	93.8	94.0	95.7	96.1	96.1	97.2	97.4	97.4	97.7	97.7	98.1	98.7
0	79.9	87.3	89.0	90.9	93.8	94.0	95.7	96.1	96.1	97.2	97.4	97.4	97.8	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1668

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03942 | FT WORTH NAS/JRB MIDWAY FLD | 59-65,67-70 | FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	47.4	49.3	50.0	50.3	50.7	50.7	51.2	51.3	51.3	51.5	51.5	51.5	51.8	51.8	52.1	52.9
≥ 20000	52.5	54.6	55.4	55.9	56.3	56.4	56.9	57.0	57.0	57.2	57.2	57.3	57.5	57.5	57.8	58.0
≥ 18000	52.7	54.8	55.5	56.0	56.4	56.5	57.0	57.1	57.1	57.3	57.3	57.4	57.6	57.6	57.9	58.9
≥ 16000	52.8	55.0	55.8	56.3	56.7	56.7	57.3	57.3	57.3	57.6	57.6	57.8	57.9	57.9	58.2	59.1
≥ 14000	53.9	56.3	57.1	57.6	58.0	58.2	58.7	58.8	58.8	59.0	59.0	59.2	59.3	59.3	59.6	60.6
≥ 12000	55.7	58.2	59.0	59.5	60.0	60.2	60.7	60.8	60.8	61.0	61.0	61.2	61.3	61.3	61.6	62.6
≥ 10000	57.2	59.7	60.5	61.0	61.5	61.7	62.2	62.3	62.3	62.5	62.5	62.7	62.8	62.9	63.2	64.1
≥ 9000	57.3	60.0	60.8	61.3	61.8	62.0	62.5	62.6	62.6	62.8	62.8	63.0	63.1	63.2	63.5	64.4
≥ 8000	58.4	61.0	61.8	62.3	62.8	63.0	63.5	63.6	63.6	63.8	63.8	64.0	64.1	64.2	64.5	65.4
≥ 7000	59.5	62.1	63.0	63.6	64.1	64.2	64.8	64.8	64.8	65.1	65.1	65.3	65.4	65.5	65.8	66.7
≥ 6000	60.3	63.2	64.0	64.5	65.0	65.2	65.7	65.8	65.8	66.1	66.1	66.3	66.4	66.4	66.7	67.7
≥ 5000	61.8	64.8	65.6	66.1	66.6	66.8	67.4	67.4	67.4	67.7	67.7	67.9	68.0	68.1	68.4	69.4
≥ 4500	62.1	65.2	66.0	66.6	67.0	67.2	67.8	67.8	67.8	68.1	68.1	68.3	68.4	68.5	68.8	69.8
≥ 4000	62.6	65.8	66.6	67.2	67.6	67.8	68.4	68.4	68.4	68.7	68.7	68.9	69.0	69.1	69.4	70.4
≥ 3500	63.3	66.6	67.4	67.9	68.4	68.6	69.1	69.2	69.2	69.5	69.5	69.7	69.8	69.9	70.2	71.2
≥ 3000	64.1	67.6	68.4	69.0	69.5	69.7	70.2	70.3	70.3	70.6	70.6	70.8	70.9	71.0	71.4	72.4
≥ 2500	64.9	68.3	69.4	70.0	70.5	70.6	71.2	71.4	71.4	71.7	71.7	71.9	72.0	72.0	72.4	73.5
≥ 2000	67.9	72.0	72.9	73.6	74.2	74.4	75.1	75.2	75.2	75.5	75.5	75.6	75.8	75.9	76.3	77.3
≥ 1800	68.3	72.6	73.5	74.2	74.7	74.9	75.7	75.9	75.9	76.2	76.2	76.4	76.5	76.6	76.9	78.0
≥ 1500	69.9	74.7	75.7	76.5	77.1	77.2	78.1	78.3	78.3	78.6	78.6	78.8	78.9	79.0	79.4	80.4
≥ 1200	71.8	77.7	78.9	79.7	80.4	80.6	81.5	81.7	81.7	82.1	82.1	82.3	82.4	82.4	82.9	83.9
≥ 1000	73.2	79.2	81.1	82.1	82.9	83.0	83.9	84.1	84.1	84.6	84.6	84.8	84.9	85.0	85.4	86.4
≥ 900	73.4	80.3	81.7	82.7	83.5	83.6	84.5	84.7	84.7	85.2	85.2	85.3	85.5	85.6	86.1	87.0
≥ 800	74.1	81.7	83.3	84.4	85.2	85.4	86.3	86.5	86.5	86.9	86.9	86.9	87.2	87.3	87.7	88.7
≥ 700	74.9	82.4	84.1	85.3	86.2	86.4	87.5	87.7	87.7	88.2	88.2	88.3	88.6	88.6	89.0	90.1
≥ 600	76.0	83.5	85.3	86.8	87.9	88.1	89.3	89.8	89.8	90.4	90.4	90.6	90.7	90.8	91.2	92.2
≥ 500	75.0	84.2	86.3	88.1	89.6	89.9	91.4	92.0	92.1	92.6	92.7	92.7	93.0	93.0	93.5	94.5
≥ 400	75.0	84.7	86.8	88.9	90.6	91.0	92.6	93.4	93.5	94.1	94.1	94.1	94.5	94.5	95.0	96.0
≥ 300	75.0	84.7	86.9	89.0	91.0	91.4	93.2	94.1	94.2	94.9	95.0	95.0	95.3	95.4	96.0	97.0
≥ 200	75.0	84.7	86.9	89.0	91.0	91.4	93.3	94.2	94.3	95.0	95.1	95.1	95.4	95.5	96.1	97.1
≥ 100	75.0	84.7	86.9	89.0	91.0	91.4	93.3	94.5	94.6	95.4	95.6	95.6	96.0	96.1	96.7	98.0
0	75.0	84.7	86.9	89.0	91.0	91.4	93.5	94.5	94.6	95.4	95.6	95.6	96.0	96.1	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1669

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WALTERS A/F TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	50.5	50.8	51.4	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1
≥ 20000	56.0	56.3	56.6	57.4	57.7	57.9	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.2
≥ 18000	55.1	57.0	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.7
≥ 16000	55.2	57.1	57.5	58.1	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.9
≥ 14000	55.4	58.3	58.7	59.3	59.6	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.1
≥ 12000	55.5	58.5	60.9	61.0	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.8
≥ 10000	59.5	61.5	61.9	62.5	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.4
≥ 9000	60.3	62.3	62.7	63.3	63.6	64.3	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.3
≥ 8000	61.3	64.3	64.0	64.7	65.0	65.1	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.5
≥ 7000	62.7	65.1	65.4	66.1	66.3	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.9
≥ 6000	63.9	67.0	66.9	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	64.4	68.1	67.2	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 4500	64.6	68.2	67.4	68.1	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.9
≥ 4000	65.8	68.4	68.5	69.2	69.5	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.9	70.0
≥ 3500	66.1	68.5	69.0	69.8	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.5
≥ 3000	67.6	70.3	70.8	71.4	71.9	72.0	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.4
≥ 2500	68.9	71.5	72.0	72.6	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.7
≥ 2000	70.8	73.6	74.1	75.0	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.9	76.0
≥ 1800	71.4	74.2	74.7	75.6	76.1	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.7
≥ 1500	73.4	76.4	76.9	77.8	78.1	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.9
≥ 1200	76.2	78.6	80.2	81.6	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.8
≥ 1000	76.2	80.2	83.1	84.5	85.1	85.3	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.9
≥ 900	76.7	80.2	83.6	85.4	86.1	86.3	86.4	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.9	87.0
≥ 800	79.9	84.1	85.6	87.4	88.5	88.7	88.8	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.5	89.6
≥ 700	80.1	85.4	86.7	88.8	90.1	90.2	90.6	90.7	90.9	91.1	91.2	91.2	91.3	91.3	91.4	91.5
≥ 600	84.4	87.2	87.6	89.9	91.7	92.0	92.3	92.6	92.8	93.1	93.2	93.2	93.2	93.2	93.4	93.5
≥ 500	91.4	86.8	89.1	90.8	93.2	93.7	94.4	94.6	94.7	94.9	95.0	95.1	95.1	95.1	95.3	95.4
≥ 400	1.4	87.9	88.6	91.4	94.3	94.7	95.6	96.0	96.2	96.6	96.8	96.9	96.9	96.9	97.1	97.2
≥ 300	91.4	86.7	88.6	91.4	94.4	94.9	96.2	96.6	96.9	97.4	97.7	97.7	98.0	98.1	98.3	98.4
≥ 200	91.4	86.9	88.6	91.5	94.6	95.1	96.5	96.9	97.2	98.1	98.4	98.6	98.9	98.9	99.3	99.5
≥ 100	91.4	86.9	88.6	91.5	94.6	95.1	96.5	96.9	97.2	98.2	98.6	98.8	99.0	99.0	99.3	99.9
0	91.4	86.9	88.6	91.5	94.6	95.1	96.3	96.8	97.2	98.1	98.6	98.8	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1670

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03944 | FT WILLIAMS AAF TEX/MINERAL WELLS | 49-65,67-70 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	54.6	54.5	54.6	54.7	54.7	54.8	54.9	54.8	54.8	54.8	54.8	54.8	54.9	54.8	54.8
≥ 20000	63.0	63.2	63.0	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	61.1	62.8	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	61.0	63.1	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	62.7	64.5	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	64.3	65.4	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	65.5	67.3	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.8	67.8	67.8	67.8
≥ 9000	66.1	67.9	68.1	68.3	68.4	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	68.9	69.6	69.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	69.9	69.7	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	68.5	70.3	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	69.6	71.8	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	70.1	72.1	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	70.9	72.8	73.1	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
≥ 3500	71.6	73.5	73.8	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3000	74.3	76.1	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	75.8	77.9	78.3	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2000	78.0	80.3	80.8	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	79.6	81.8	82.0	82.3	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	81.6	83.5	84.0	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	83.1	85.7	87.3	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	84.4	86.5	89.3	89.9	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	85.1	87.2	90.1	90.8	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 800	85.8	90.4	91.3	92.3	92.5	92.5	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	86.1	90.3	92.0	93.2	93.8	93.8	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	86.5	91.4	92.6	94.1	94.9	94.9	95.4	95.5	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	86.9	91.3	93.4	94.9	95.9	95.9	96.4	96.6	96.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4
≥ 400	86.7	92.1	93.7	95.3	96.6	96.7	97.4	97.7	97.8	98.1	98.4	98.4	98.7	98.7	98.7	98.7
≥ 300	86.7	92.2	93.7	95.3	96.8	96.9	97.7	98.0	98.3	98.4	99.3	99.3	99.5	99.5	99.5	99.5
≥ 200	86.8	92.2	93.8	95.5	96.9	97.0	98.0	98.3	98.5	99.1	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	86.8	92.5	93.8	95.5	96.9	97.0	98.0	98.3	98.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0
0	86.8	92.2	93.8	95.5	96.9	97.0	98.0	98.3	98.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1671

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 (STATION) FT WORTH NAS, TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.1	54.[illegible]	55.1	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
	62.8	64.1	64.4	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000 ≥ 16000	62.5	64.2	64.5	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
	63.3	65.[illegible]	65.3	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000 ≥ 12000	65.3	67.[illegible]	67.3	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
	68.9	69.[illegible]	69.0	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000 ≥ 9000	69.9	71.[illegible]	71.1	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
	69.1	71.1	71.2	71.9	72.[illegible]	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000 ≥ 7000	70.4	72.3	72.7	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
	71.2	73.3	73.6	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000 ≥ 5000	71.8	73.6	74.0	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
	72.6	74.6	75.0	75.3	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500 ≥ 4000	72.9	74.9	75.3	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	74.7	76.8	77.1	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500 ≥ 3000	75.9	78.0	78.3	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	77.6	79.[illegible]	80.2	80.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2500 ≥ 2000	79.9	82.2	82.6	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	81.9	84.5	84.9	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800 ≥ 1500	83.1	85.7	86.1	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	84.5	87.6	88.0	88.5	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200 ≥ 1000	89.9	89.4	89.7	90.3	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	90.6	90.7	91.2	92.1	92.4	92.5	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900 ≥ 800	91.2	91.4	91.9	92.8	93.2	93.3	93.9	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	92.5	92.1	92.6	93.6	93.9	94.0	94.3	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700 ≥ 600	94.0	94.7	95.5	96.6	95.1	95.3	95.6	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	94.3	95.1	96.0	95.4	96.1	96.3	96.7	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500 ≥ 400	96.4	97.1	97.4	97.8	98.9	97.1	97.0	97.7	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4
	96.7	97.9	97.9	98.4	97.6	97.8	98.3	98.4	98.6	99.1	99.2	99.4	99.3	99.3	99.3	99.3
≥ 300 ≥ 200	98.7	97.9	98.0	98.5	97.8	98.0	98.0	98.7	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6
	98.7	97.9	98.0	98.5	97.8	98.0	98.1	98.8	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100 0	98.7	97.9	98.0	98.5	97.8	98.0	98.7	98.8	99.0	99.6	99.8	99.8	99.9	99.9	99.9	100.0
	98.7	97.9	98.0	98.5	97.8	98.0	98.7	98.8	99.0	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1002

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13963	FT WORTH AAF TEX/MINERAL WELLS	49-65,67-70	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.1	61.0	61.2	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	67.0	68.8	69.3	69.5	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	67.1	69.0	69.4	69.6	69.8	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	67.9	69.8	70.2	70.4	70.6	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 14000	69.2	71.1	71.5	71.7	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	70.9	72.8	72.7	72.9	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	71.7	73.7	74.2	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	72.3	74.4	74.8	75.0	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	73.1	75.1	75.3	75.5	75.9	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	76.2	78.2	78.6	78.9	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	75.0	77.1	77.5	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	78.2	80.3	78.8	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	78.6	80.7	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	78.6	80.8	80.7	81.0	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	79.1	81.3	81.6	82.1	82.3	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	80.7	83.1	83.7	83.9	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	84.1	86.6	85.2	85.5	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	86.0	87.6	87.6	87.9	88.2	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	86.5	87.7	88.2	88.6	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	89.4	89.2	89.7	90.0	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	90.4	91.3	91.4	92.0	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	90.6	91.3	92.0	92.6	93.1	93.2	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	91.0	91.7	92.7	93.1	93.8	93.9	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	91.3	92.4	93.3	93.9	94.4	94.6	94.8	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	91.6	92.9	93.1	94.7	95.4	95.5	95.8	95.8	95.8	96.1	96.2	96.3	96.2	96.2	96.2	96.2
≥ 600	91.8	93.2	94.8	95.5	96.5	96.6	96.8	96.8	96.9	97.2	97.2	97.3	97.3	97.4	97.4	97.4
≥ 500	91.9	93.4	95.3	96.1	97.4	97.5	97.9	97.9	97.9	98.3	98.3	98.4	98.5	98.5	98.5	98.5
≥ 400	92.1	93.3	95.7	96.5	97.9	98.0	98.5	98.5	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1
≥ 300	92.1	93.4	95.8	96.8	98.2	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	92.1	93.4	95.8	96.8	98.2	98.3	99.0	99.1	99.2	99.5	99.5	99.6	99.9	99.9	99.9	99.9
≥ 100	92.1	93.4	95.8	96.8	98.2	98.3	99.0	99.1	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0
0	92.1	93.4	95.8	96.8	98.2	98.3	99.0	99.1	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1634

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.7	70.2	64.5	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 20000	69.7	71.4	71.5	71.6	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 18000	69.7	71.4	71.5	71.6	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 16000	69.9	71.7	71.7	71.9	72.0	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 14000	70.0	72.3	72.4	72.5	72.7	72.7	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 12000	71.5	73.6	73.6	73.8	73.7	73.7	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 10000	72.7	74.6	74.7	74.8	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 9000	72.9	74.8	74.9	75.0	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 8000	73.7	75.6	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.4
≥ 7000	74.0	76.0	76.0	76.8	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 6000	75.1	76.9	77.1	77.2	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 5000	76.0	78.7	78.9	79.0	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 4500	77.0	79.1	79.3	79.4	79.5	79.5	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 4000	78.2	80.3	80.5	80.7	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 3500	79.8	81.2	81.4	81.5	81.6	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 3000	80.2	82.6	82.9	83.0	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 2500	81.7	84.3	84.5	84.6	84.8	84.8	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 2000	82.8	85.5	85.9	86.1	86.4	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 1800	83.4	86.1	86.4	86.7	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1500	84.3	87.0	87.4	87.7	88.1	88.1	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1200	85.8	89.1	89.7	90.2	90.6	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.3
≥ 1000	86.6	90.3	90.8	91.4	91.8	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.7
≥ 900	87.0	90.7	91.4	92.1	92.6	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 800	87.5	91.6	92.5	93.2	93.7	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.7
≥ 700	87.6	91.7	92.7	93.8	94.3	94.5	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.5
≥ 600	88.1	92.4	93.9	94.5	95.1	95.4	95.7	95.9	95.9	96.0	96.0	96.1	96.0	96.0	96.1	96.3
≥ 500	88.1	93.1	94.1	94.9	95.7	95.9	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 400	88.4	93.7	94.9	95.7	96.7	97.0	97.0	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 300	88.4	93.8	94.9	95.9	97.0	97.3	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 200	88.4	93.9	95.0	96.2	97.3	97.6	98.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 100	88.4	93.9	95.0	96.2	97.3	97.6	98.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.2	99.4
0	88.4	93.9	95.0	96.2	97.3	97.6	98.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1613

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 | FT WORTH AAF TEX/MINERAL WELLS | 49-65,67-70 (YEARS) | MAR (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.0	69.4	69.5	69.9	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
≥ 20000	68.3	69.7	69.8	70.2	70.8	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
≥ 18000	68.4	69.9	70.0	70.4	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 16000	69.1	70.5	70.6	71.0	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 14000	70.3	71.7	71.8	72.2	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 12000	71.7	73.2	73.3	73.7	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 10000	74.1	74.3	74.3	74.7	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7
≥ 9000	74.9	74.7	74.7	75.1	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1
≥ 8000	75.8	75.6	75.7	76.1	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 7000	76.5	76.3	76.3	76.7	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 6000	75.3	77.1	77.1	77.5	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 5000	76.0	76.4	76.4	78.8	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 4500	76.9	76.2	78.8	79.2	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 4000	77.7	79.7	79.8	80.2	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 3500	78.4	80.5	80.5	81.0	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
≥ 3000	79.1	82.0	82.0	82.5	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
≥ 2500	81.9	84.2	84.3	84.8	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 2000	83.8	86.6	86.7	87.1	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 1800	85.1	87.6	88.1	88.5	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 1500	86.1	89.3	89.4	89.9	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 1200	87.4	91.1	91.4	92.0	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1000	88.1	92.1	92.4	93.1	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 900	88.7	93.3	93.1	93.7	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1
≥ 800	88.8	93.9	93.4	94.2	95.2	95.2	95.4	95.4	95.4	95.5	95.9	95.9	95.7	95.7	95.8	95.8
≥ 700	89.1	93.4	93.9	94.7	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.4	96.4
≥ 600	89.2	93.7	94.2	95.1	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.9	96.9
≥ 500	89.4	94.0	94.5	95.6	96.6	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.5	97.5	97.6	97.6
≥ 400	89.4	94.1	94.9	96.2	97.3	97.4	97.6	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.4	98.4
≥ 300	89.4	94.1	94.9	96.2	97.3	97.4	98.0	98.0	98.0	98.1	98.3	98.3	98.5	98.5	98.6	98.6
≥ 200	89.4	94.1	95.0	96.4	97.6	97.7	98.2	98.4	98.4	98.6	98.8	98.8	99.0	99.0	99.1	99.1
≥ 100	89.4	94.1	95.0	96.4	97.6	97.7	98.3	98.4	98.4	98.7	98.9	98.9	99.2	99.2	99.3	99.4
0	89.4	94.1	95.0	96.4	97.6	97.7	98.3	98.4	98.4	98.7	98.9	98.9	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1758

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 (STATION) FT WORTH/AP TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.4	58.8	58.9	59.1	59.5	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.2	60.2
≥ 20000	63.1	64.7	64.8	65.0	65.4	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	66.1	66.1
≥ 18000	63.4	65.0	65.1	65.3	65.7	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.4	66.4
≥ 16000	63.7	65.2	65.4	65.5	65.9	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.6	66.6
≥ 14000	65.0	66.6	66.7	66.8	67.2	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.9	67.9
≥ 12000	66.4	68.0	68.1	68.3	68.7	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 10000	68.1	69.7	69.9	70.1	70.4	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.2	71.2
≥ 9000	68.8	70.5	70.6	70.8	71.2	71.3	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.9	71.9
≥ 8000	69.7	71.5	71.7	71.9	72.3	72.4	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	73.0	73.0
≥ 7000	70.5	72.3	72.4	72.6	73.0	73.1	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7
≥ 6000	71.2	73.0	73.1	73.4	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.5	74.5
≥ 5000	72.3	74.2	74.3	74.7	75.1	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.8	75.8
≥ 4500	72.4	74.3	74.5	74.8	75.2	75.3	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.9	75.9
≥ 4000	73.3	75.2	75.3	75.7	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	77.0	77.0
≥ 3500	74.4	76.6	76.8	77.1	77.5	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.2	78.2
≥ 3000	76.2	78.8	78.9	79.3	79.7	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.4	80.4
≥ 2500	77.5	80.3	80.4	80.8	81.2	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.9	81.9
≥ 2000	81.1	84.4	84.7	85.1	85.5	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.2	86.2
≥ 1800	82.1	86.5	86.8	86.2	86.6	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.3	87.3
≥ 1500	85.6	87.1	87.4	87.8	88.3	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	89.0	89.0
≥ 1200	85.4	89.6	90.2	90.7	91.2	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.9	91.9
≥ 1000	86.4	91.3	91.7	92.2	92.7	92.8	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.5	93.5
≥ 900	90.0	91.7	92.1	92.6	93.1	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.9	93.9
≥ 800	87.1	91.8	92.7	93.4	93.9	94.1	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	95.0	95.0
≥ 700	87.7	92.4	93.5	94.4	95.0	95.1	95.4	95.5	95.5	95.7	95.8	95.8	95.8	95.8	96.1	96.1
≥ 600	87.9	92.7	93.8	94.8	95.3	95.5	95.8	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.4	96.4
≥ 500	88.2	93.1	94.4	95.4	96.1	96.3	96.7	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.3	97.3
≥ 400	88.4	93.3	94.6	95.7	96.7	96.9	97.5	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.2	98.2
≥ 300	88.4	93.1	94.6	95.8	96.8	97.1	97.9	98.1	98.1	98.4	98.6	98.6	98.7	98.7	98.9	98.9
≥ 200	88.4	93.3	94.6	95.8	96.8	97.1	97.9	98.2	98.2	98.5	98.7	98.7	98.8	98.8	99.0	99.0
≥ 100	88.4	93.3	94.6	95.8	96.9	97.2	98.1	98.4	98.4	98.8	99.0	99.0	99.2	99.2	99.4	99.4
0	88.4	93.3	94.6	95.8	96.9	97.2	98.1	98.4	98.4	98.8	99.0	99.0	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1824

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.9	51.1	51.6	51.9	52.2	52.2	52.3	52.3	52.3	52.7	52.7	52.7	52.8	52.8	52.9	52.9
≥ 20000	56.5	56.8	57.4	57.8	58.2	58.2	58.3	58.3	58.3	58.7	58.7	58.7	58.8	58.8	58.9	58.9
≥ 18000	59.0	57.3	57.9	58.3	58.7	58.7	58.8	58.8	58.8	59.2	59.2	59.2	59.2	59.2	59.4	59.4
≥ 16000	59.6	57.9	58.5	59.0	59.4	59.4	59.4	59.5	59.5	59.8	59.8	59.8	59.9	59.9	60.1	60.1
≥ 14000	60.0	60.4	61.0	61.5	61.9	61.9	61.9	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.6	62.6
≥ 12000	59.8	60.4	61.0	61.4	61.8	61.8	61.8	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.5	62.5
≥ 10000	61.2	62.9	64.5	64.9	65.3	65.3	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	66.0	66.0
≥ 9000	60.8	60.6	62.2	62.7	63.1	63.1	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.8	63.8
≥ 8000	63.7	66.0	67.6	67.6	68.0	68.0	68.0	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.7	68.7
≥ 7000	63.8	67.5	68.1	68.6	69.0	69.0	69.0	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.7	69.7
≥ 6000	69.8	69.4	69.2	69.6	70.0	70.0	70.0	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.7	70.7
≥ 5000	70.9	70.0	70.6	71.0	71.4	71.4	71.5	71.5	71.5	71.9	71.9	71.9	72.0	72.0	72.1	72.1
≥ 4500	67.1	70.3	70.9	71.4	71.7	71.7	71.8	71.8	71.8	72.2	72.2	72.2	72.3	72.3	72.4	72.4
≥ 4000	68.4	71.8	72.5	72.9	73.3	73.3	73.4	73.5	73.5	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥ 3500	69.3	72.9	73.6	74.0	74.4	74.4	74.5	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.2	75.2
≥ 3000	70.6	74.4	75.2	75.7	76.1	76.1	76.2	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.9	76.9
≥ 2500	71.7	75.8	76.4	77.0	77.4	77.4	77.5	77.5	77.5	77.9	77.9	77.9	78.0	78.0	78.1	78.1
≥ 2000	74.7	79.0	79.8	80.4	80.8	80.9	81.0	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.7	81.7
≥ 1800	76.2	80.6	81.4	82.0	82.4	82.5	82.6	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.3	83.3
≥ 1500	76.4	83.1	84.0	84.6	85.1	85.2	85.3	85.4	85.4	85.8	85.8	85.8	85.8	85.8	86.0	86.0
≥ 1200	80.5	85.7	86.6	87.3	87.8	87.9	88.0	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.7	88.7
≥ 1000	81.1	88.0	89.2	90.0	90.6	90.7	90.8	90.9	90.9	91.3	91.3	91.3	91.4	91.4	91.5	91.5
≥ 900	82.0	89.5	89.8	90.6	91.2	91.3	91.5	91.7	91.7	92.0	92.0	92.0	92.1	92.1	92.3	92.3
≥ 800	82.7	89.5	90.9	91.8	92.4	92.5	92.7	92.8	92.8	93.2	93.2	93.2	93.3	93.3	93.5	93.5
≥ 700	93.1	90.1	91.8	93.0	93.7	93.8	94.1	94.2	94.2	94.6	94.7	94.7	94.7	94.7	94.9	94.9
≥ 600	93.4	90.5	92.1	93.6	94.5	94.6	95.0	95.3	95.3	95.7	95.7	95.8	95.8	96.0	96.0	96.0
≥ 500	93.7	91.2	92.9	94.5	95.4	95.6	96.1	96.6	96.6	97.1	97.2	97.2	97.2	97.2	97.4	97.4
≥ 400	93.9	91.3	93.2	94.8	96.0	96.1	96.7	97.2	97.2	97.8	97.9	97.9	98.0	98.0	98.2	98.2
≥ 300	94.0	91.5	93.4	95.1	96.4	96.7	97.3	97.9	97.9	98.5	98.6	98.6	98.7	98.7	98.9	98.9
≥ 200	94.0	91.5	93.4	95.1	96.4	96.7	97.3	97.9	97.9	98.5	98.7	98.7	98.9	98.9	99.1	99.1
≥ 100	94.0	91.5	93.4	95.1	96.4	96.7	97.3	97.9	97.9	98.6	98.8	98.8	99.0	99.0	99.4	99.7
≥ 0	94.0	91.5	93.4	95.1	96.4	96.7	97.3	97.9	97.9	98.6	98.8	98.8	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1933

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DA9A2 (STATION) | FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) | 49-65,67-70 (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.2	53.0	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8
≥ 20000	58.8	61.4	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7
≥ 18000	59.4	61.6	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.4
≥ 16000	59.8	62.1	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8
≥ 14000	61.4	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5
≥ 12000	63.4	65.8	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5
≥ 10000	65.8	67.5	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2
≥ 9000	65.7	68.2	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9
≥ 8000	66.4	68.9	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6
≥ 7000	67.5	70.1	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 6000	68.4	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7
≥ 5000	69.2	71.9	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 4500	69.5	72.2	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0
≥ 4000	70.0	73.3	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 3500	71.2	74.0	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9
≥ 3000	72.8	75.7	76.1	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 2500	75.4	79.3	78.9	79.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
≥ 2000	78.9	82.1	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5
≥ 1800	79.5	82.9	83.5	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 1500	82.8	86.1	86.8	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8
≥ 1200	86.4	88.7	89.6	89.9	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9
≥ 1000	86.9	90.0	91.3	91.7	92.2	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8
≥ 900	88.5	91.4	92.2	92.9	93.5	93.6	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 800	88.8	91.9	92.8	93.6	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 700	91.3	92.9	93.5	94.3	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 600	91.6	93.2	94.2	95.2	96.2	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.3
≥ 500	91.9	94.5	94.7	95.9	97.3	97.5	97.8	98.4	98.4	98.6	98.6	98.6	98.9	98.9	98.9	98.9
≥ 400	91.9	93.8	94.9	96.1	97.6	97.8	98.2	98.7	98.7	99.0	99.0	99.0	99.6	99.6	99.6	99.6
≥ 300	91.9	94.8	94.9	96.1	97.6	97.8	98.2	98.7	98.7	99.0	99.0	99.0	99.7	99.7	99.7	99.7
≥ 200	91.9	94.6	94.9	96.1	97.6	97.8	98.2	98.7	98.8	99.1	99.1	99.1	99.8	99.8	99.8	99.8
≥ 100	91.9	94.6	94.9	96.1	97.6	97.8	98.2	98.7	98.8	99.1	99.2	99.2	99.9	99.9	99.9	100.0
≥ 0	91.9	93.6	94.9	96.1	97.6	97.8	98.2	98.7	98.8	99.1	99.2	99.2	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1838

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-63,67-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.3	57.1	57.1	57.2	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
≥ 20000	65.0	66.4	66.5	66.6	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	65.9	66.8	66.9	67.0	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	66.3	67.2	67.2	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8
≥ 14000	68.4	69.3	69.3	69.4	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 12000	69.4	70.3	70.3	70.3	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 10000	70.8	71.4	71.5	71.6	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	71.2	72.0	72.1	72.2	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	71.8	72.7	72.7	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥ 7000	72.7	73.7	73.7	73.8	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 6000	73.8	74.8	74.9	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	74.9	75.8	76.0	76.1	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 4500	75.5	76.4	76.6	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 4000	76.2	77.3	77.6	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	77.2	78.0	78.2	78.9	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 3000	80.0	81.4	81.8	81.9	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 2500	82.0	83.6	83.9	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	84.5	86.8	87.2	87.3	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	85.6	87.9	88.3	88.5	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 1500	87.3	90.2	90.6	90.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 1200	89.6	92.4	92.9	93.3	93.6	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	90.0	93.4	94.0	94.5	94.8	94.9	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	90.3	93.8	94.2	94.7	95.0	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 800	90.9	94.4	95.0	95.5	95.9	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 700	90.9	94.6	95.3	95.8	96.2	96.4	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3
≥ 600	91.1	94.9	95.6	96.4	97.0	97.1	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 500	91.9	95.6	96.4	97.2	97.9	98.0	98.7	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	91.0	95.8	96.5	97.3	98.2	98.3	99.0	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 300	91.6	95.8	96.5	97.3	98.2	98.3	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	91.6	95.8	96.5	97.3	98.2	98.3	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	91.6	95.8	96.5	97.3	98.2	98.3	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	91.6	95.8	96.5	97.3	98.2	98.3	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1818

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13943 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.4	56.2	56.4	56.9	57.1	57.1	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	66.5	67.6	67.8	68.4	68.5	68.5	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	67.0	67.9	68.2	68.8	68.9	69.0	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	67.5	68.5	68.7	69.3	69.4	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	69.3	70.4	70.6	71.2	71.3	71.4	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	70.5	71.6	71.8	72.4	72.6	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	71.6	72.6	72.9	73.5	73.6	73.7	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	72.2	73.4	73.6	74.2	74.3	74.4	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000	72.8	74.0	74.2	74.8	75.0	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	73.6	74.8	75.0	75.6	75.8	75.8	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	74.5	76.0	76.3	76.9	77.0	77.1	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	76.1	77.4	77.7	78.3	78.4	78.5	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	76.8	78.1	78.4	79.1	79.3	79.4	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	78.6	79.9	80.3	80.9	81.1	81.2	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	80.0	81.3	81.7	82.4	82.6	82.7	83.1	83.2	83.2	83.3	83.3	83.4	83.3	83.3	83.3	83.3
≥ 3000	82.4	84.1	84.5	85.2	85.4	85.4	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	84.5	86.2	86.5	87.3	87.5	87.6	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	85.9	88.1	88.5	89.3	89.6	89.7	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	86.4	88.6	89.1	90.0	90.3	90.4	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	88.0	90.4	90.9	91.8	92.1	92.2	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	88.8	91.4	92.2	93.3	93.8	93.9	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	89.7	92.3	93.2	94.5	94.7	94.9	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	90.1	92.9	93.7	95.0	95.4	95.5	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	90.7	93.8	94.6	96.0	96.3	96.5	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	91.0	94.1	95.0	96.4	96.9	97.0	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	91.7	94.7	95.6	97.0	97.5	97.7	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	91.3	94.3	95.7	97.2	97.6	97.9	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	91.6	94.9	95.8	97.4	97.8	98.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	91.6	94.9	95.8	97.4	97.9	98.1	99.0	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	91.6	94.9	95.8	97.4	97.9	98.1	99.0	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9
≥ 100	91.6	94.9	95.8	97.4	97.9	98.1	99.0	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9
0	91.6	94.9	95.8	97.4	97.9	98.1	99.0	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1828

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	57.9	59.1	59.6	60.5	60.7	60.7	61.0	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	68.6	70.0	70.5	71.3	71.7	71.8	72.0	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	69.1	70.5	71.0	72.0	72.2	72.3	72.5	72.6	72.6	72.7	72.8	72.9	72.8	72.8	72.8	72.8
≥ 16000	70.0	71.4	71.9	72.9	73.1	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	71.8	73.2	73.8	74.8	74.9	75.0	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	73.3	74.7	75.3	76.3	76.4	76.5	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	75.0	76.4	76.9	77.9	78.1	78.2	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	75.5	76.9	77.5	78.6	78.7	78.8	79.1	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	76.2	77.7	78.3	79.3	79.5	79.6	79.8	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	76.9	78.4	79.0	80.0	80.2	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	77.7	79.2	79.8	80.8	81.1	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	79.3	81.0	81.5	82.6	82.8	82.9	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	80.0	81.7	82.2	83.4	83.7	83.8	84.0	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	81.0	82.9	83.4	84.5	84.9	85.0	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	81.9	83.9	84.4	85.5	85.9	86.0	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	83.8	85.7	86.3	87.5	87.9	88.0	88.2	88.3	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	85.0	87.0	87.6	89.1	89.5	89.6	89.8	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	86.4	88.8	89.4	90.7	91.2	91.3	91.6	91.6	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	86.9	89.3	90.0	91.3	91.8	91.9	92.2	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	87.9	90.3	91.1	92.5	93.0	93.1	93.4	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	88.7	91.3	92.2	93.7	94.2	94.4	94.6	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	89.2	91.9	92.8	94.4	94.9	95.0	95.3	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	89.7	92.3	93.3	95.1	95.6	95.8	96.1	96.2	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 800	90.1	93.1	94.3	95.9	96.3	96.7	97.0	97.1	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 700	90.9	93.8	94.9	96.5	97.2	97.3	97.6	97.7	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4
≥ 600	92.6	95.7	96.9	97.5	97.7	97.7	97.9	98.0	98.0	98.4	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	93.8	96.0	96.5	97.2	97.7	98.0	98.4	98.5	98.5	98.9	99.1	99.1	99.2	99.2	99.3	99.3
≥ 400	94.6	96.7	97.2	97.9	98.1	98.3	98.6	98.7	98.7	99.1	99.3	99.3	99.4	99.4	99.5	99.5
≥ 300	95.0	97.2	97.7	98.4	98.7	98.9	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	95.0	97.2	97.7	98.4	98.7	98.9	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	95.0	97.2	97.7	98.4	98.7	98.9	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	95.0	97.2	97.7	98.4	98.7	98.9	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1791

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 | FT WORTH NAS TEX/MINERAL WELLS | 49-65,67-70 | MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.0	66.5	66.6	66.9	67.1	67.2	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	71.7	74.5	74.5	74.9	75.0	75.2	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	71.9	74.6	74.8	75.2	75.3	75.4	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000	72.3	75.3	75.4	75.7	75.9	76.0	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	73.6	76.4	76.5	76.8	77.0	77.1	77.1	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	74.1	77.0	77.0	77.4	77.5	77.6	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	75.3	78.1	78.1	78.5	78.7	78.8	78.8	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	75.6	78.4	78.5	78.8	79.0	79.1	79.2	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000	76.1	78.9	79.0	79.3	79.5	79.6	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	76.5	79.4	79.5	79.8	80.0	80.1	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	77.1	80.0	80.1	80.4	80.6	80.7	80.7	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	78.0	81.4	81.4	81.8	81.9	82.0	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	78.8	82.4	82.4	82.9	83.1	83.2	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	79.5	83.5	83.5	84.0	84.3	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	80.4	84.8	84.9	85.0	85.3	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	81.3	85.4	85.4	85.9	86.3	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	82.8	87.1	87.2	87.8	88.2	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	85.0	89.6	89.7	90.3	90.7	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	85.3	89.9	90.1	90.7	91.1	91.2	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	86.3	91.2	91.4	92.2	92.6	92.7	92.8	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	87.6	92.9	93.2	94.0	94.4	94.5	94.5	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	88.0	93.6	93.8	94.6	95.0	95.1	95.2	95.3	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	88.3	93.9	94.1	94.9	95.4	95.5	95.5	95.6	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	88.5	94.2	94.5	95.4	95.9	96.0	96.1	96.4	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	88.8	94.7	95.0	95.9	96.5	96.6	96.7	97.0	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	89.0	95.2	95.6	96.6	97.1	97.2	97.3	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	89.2	95.9	96.0	97.0	97.6	97.7	97.8	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	89.4	96.0	96.2	97.1	97.9	98.0	98.1	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	89.2	95.7	96.3	97.2	98.0	98.1	98.2	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	89.2	95.7	96.3	97.3	98.0	98.1	98.2	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	89.2	95.7	96.3	97.3	98.0	98.1	98.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.4
0	89.2	95.7	96.3	97.3	98.0	98.1	98.2	98.6	98.6	99.0	99.3	99.4	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1771

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.6	69.6	69.9	70.0	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 20000	65.3	67.2	68.3	68.5	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 18000	67.5	67.9	68.3	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 16000	66.9	68.3	68.7	69.0	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
≥ 14000	67.5	69.9	70.3	70.5	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 12000	67.9	70.4	70.8	71.1	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 10000	69.1	71.7	72.3	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 9000	69.8	72.5	73.0	73.4	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 8000	70.6	73.5	74.1	74.6	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 7000	71.4	74.3	74.7	75.2	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0
≥ 6000	72.5	75.3	75.9	76.4	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 5000	73.6	76.6	77.2	77.7	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 4500	74.0	77.0	77.6	78.2	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 4000	75.1	78.2	78.7	79.3	79.7	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 3500	75.8	78.9	79.5	80.1	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 3000	77.2	80.4	81.3	82.0	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 2500	79.4	82.6	83.5	84.3	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 2000	81.8	85.5	86.4	87.2	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 1800	83.1	86.8	87.7	88.5	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 1500	84.4	88.6	89.5	90.4	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1200	86.2	91.0	91.7	92.6	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1000	86.5	91.5	92.5	93.5	94.1	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.8
≥ 900	87.1	92.2	93.2	94.2	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 800	87.5	93.1	94.1	95.1	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4
≥ 700	87.7	93.4	94.6	95.8	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.2
≥ 600	88.0	94.1	95.3	96.6	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 500	88.2	94.3	95.6	96.9	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 400	88.3	94.5	95.8	97.3	98.1	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 300	88.4	94.5	95.8	97.4	98.2	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 200	88.3	94.5	95.8	97.4	98.3	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7
≥ 100	88.3	94.5	95.8	97.4	98.3	98.5	99.1	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.8	99.9
0	88.3	94.5	95.8	97.4	98.3	98.5	99.1	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1755

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947 (STATION) FT WILTEKA AFF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	54.7	54.7	54.9	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	57.3	60.5	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2
≥ 18000	57.3	60.5	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2
≥ 16000	57.8	61.0	61.1	61.2	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 14000	59.2	62.5	62.6	62.7	62.8	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	59.8	63.3	63.4	63.5	63.6	63.6	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	1.3	64.8	65.0	65.1	65.1	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 9000	61.4	65.4	65.5	65.6	65.7	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	62.8	66.3	66.6	66.7	66.8	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	63.7	67.4	67.5	67.7	67.7	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
≥ 6000	64.5	68.4	68.6	68.8	68.8	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 5000	65.0	69.0	69.2	70.0	70.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
≥ 4500	66.1	70.1	70.3	70.5	70.6	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	67.1	71.4	71.7	71.8	71.9	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
≥ 3500	68.1	74.3	72.7	72.9	73.0	73.0	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	69.8	74.6	74.9	75.2	75.3	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	72.0	77.1	77.5	77.7	77.8	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
≥ 2000	75.3	80.5	81.2	81.6	81.7	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 1800	77.2	82.6	83.3	83.7	83.8	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1500	78.1	83.2	83.9	87.4	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 1200	11.5	88.3	89.2	89.8	90.2	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 1000	12.9	90.0	90.9	91.6	92.0	92.1	92.8	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 900	13.5	90.9	92.0	92.6	93.0	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 800	13.5	91.1	92.2	93.0	93.4	93.5	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 700	14.1	91.8	92.9	93.9	94.3	94.5	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	14.5	92.2	93.3	94.9	95.3	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 500	14.7	93.7	93.9	95.0	95.6	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 400	14.7	93.1	94.3	95.4	96.1	96.5	97.3	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 300	14.7	93.4	94.5	95.8	96.6	97.1	98.0	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 200	14.7	93.4	94.3	95.9	96.7	97.2	98.1	98.2	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.7
≥ 100	14.7	93.6	94.5	95.9	96.7	97.2	98.2	98.3	98.3	98.8	98.9	98.9	99.2	99.2	99.3	99.6
0	14.7	93.4	94.5	95.8	96.7	97.2	98.2	98.3	98.3	98.8	98.9	98.9	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1722

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 STATION — FT WALTERS AAF TEX/MINERAL WELLS STATION NAME — 49-69,67-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	44.8	46.7	47.0	47.2	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	49.5	52.0	52.3	52.7	52.8	52.8	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	49.0	52.1	52.5	52.8	53.0	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	49.7	53.2	53.6	53.9	54.1	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	50.8	54.4	54.7	54.1	54.2	54.2	54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	52.3	55.0	55.3	55.7	55.8	55.8	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	54.4	57.1	57.4	57.9	58.1	58.1	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	55.1	57.8	58.1	58.6	58.8	58.8	58.8	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2
≥ 8000	56.0	59.4	59.8	60.3	60.6	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 7000	57.5	60.4	60.9	61.4	61.7	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	58.8	61.7	62.2	62.9	63.2	63.4	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	60.3	63.3	63.8	64.5	64.9	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4
≥ 4500	60.7	63.9	64.5	65.2	65.6	65.8	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4000	62.3	65.3	66.0	66.7	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8
≥ 3500	62.5	66.1	66.7	67.5	68.0	68.1	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3000	65.1	68.3	69.8	70.6	71.1	71.3	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2500	67.9	72.0	72.8	73.6	74.1	74.3	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 2000	71.3	76.3	77.3	78.2	78.9	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	73.0	78.1	78.9	79.9	80.6	80.7	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1500	75.0	81.1	82.1	83.2	83.9	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200	78.6	85.1	86.0	87.3	88.0	88.2	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	80.1	86.9	88.1	89.6	90.2	90.5	90.7	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	80.5	87.7	88.8	90.3	91.0	91.2	91.5	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	81.2	88.0	89.7	91.3	92.0	92.2	92.5	92.6	92.6	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 700	81.6	88.2	90.4	92.1	92.9	93.1	93.4	93.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	82.3	89.0	91.4	93.2	94.1	94.4	94.8	95.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	82.5	89.4	92.0	94.0	95.0	95.4	95.9	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	82.6	90.7	92.4	94.5	95.6	96.0	96.7	97.0	97.0	97.5	97.5	97.6	97.5	97.6	97.7	97.7
≥ 300	82.6	90.9	92.6	94.9	96.1	96.5	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.6	98.7	98.7
≥ 200	82.6	90.9	92.6	94.9	96.1	96.5	97.4	97.9	97.9	98.3	98.3	98.4	98.4	98.7	98.8	98.8
≥ 100	82.6	90.9	92.6	94.9	96.1	96.5	97.4	97.9	97.9	98.6	98.6	98.6	98.6	99.2	99.3	99.3
0	82.6	90.9	92.6	94.9	96.1	96.5	97.4	97.9	97.9	98.6	98.6	98.6	98.6	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1292

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	47.5	49.0	49.4	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	53.4	54.9	55.2	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	53.3	55.0	55.3	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	53.3	55.0	55.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	54.3	56.1	56.4	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000	55.7	57.4	57.7	57.9	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	58.2	60.1	60.6	60.8	61.1	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	59.2	61.1	61.6	61.9	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	60.7	63.0	63.4	63.7	64.0	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	61.3	63.6	64.0	64.3	64.6	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	62.0	64.4	64.8	65.1	65.4	65.9	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	63.2	65.8	66.3	66.7	67.0	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	64.1	66.7	67.3	67.7	68.0	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	65.5	68.0	68.6	69.0	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	67.2	69.8	70.3	70.7	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	69.8	72.7	73.3	73.8	74.2	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	72.7	75.6	76.3	76.8	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2000	76.0	79.0	80.0	81.1	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	78.3	81.9	82.7	83.2	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	81.4	85.3	86.1	86.6	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	84.3	89.1	90.0	90.6	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	86.3	91.2	92.3	93.0	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	86.8	91.9	93.0	93.6	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	87.0	92.0	93.0	94.8	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	88.0	93.5	94.8	95.6	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	88.3	94.0	95.2	96.1	96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	88.7	94.8	96.0	97.2	98.0	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	88.8	94.9	96.3	97.5	98.4	98.7	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	88.9	95.0	96.3	97.5	98.4	98.7	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.9	95.0	96.3	97.5	98.4	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	88.9	95.0	96.3	97.5	98.4	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	88.9	95.0	96.3	97.5	98.4	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1791

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 | FT WORTH AAF TEX/MINERAL WELLS | 49-65,67-70 | APR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	52.5	53.1	54.2	53.5	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	60.6	61.3	61.5	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	60.7	61.3	61.5	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	60.7	61.3	61.5	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	61.2	62.0	62.1	62.4	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	62.5	63.5	63.5	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	64.4	65.4	65.6	65.9	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	64.4	65.9	66.0	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	66.9	68.2	68.3	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	67.6	68.8	68.9	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	68.8	70.1	70.3	70.6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	70.3	71.7	71.9	72.2	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	71.5	72.9	73.1	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	74.0	75.3	75.6	75.9	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	76.2	77.7	78.0	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	80.9	82.2	82.9	83.3	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	83.9	85.8	86.5	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	88.8	89.2	89.9	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	89.6	90.1	90.9	91.2	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	90.5	92.1	92.9	93.3	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	91.6	94.6	95.1	95.5	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	92.2	95.1	95.8	96.3	96.8	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	92.4	95.3	96.1	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	92.9	95.8	96.7	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	92.9	95.9	96.8	97.5	98.0	98.2	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	92.9	96.0	97.1	97.8	98.4	98.5	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	93.0	96.3	97.2	97.9	98.6	98.7	98.9	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	93.0	96.3	97.2	98.0	98.7	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.2	96.5	97.4	98.3	98.9	99.1	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.2	96.5	97.4	98.3	98.9	99.1	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	96.5	97.4	98.3	98.9	99.1	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	93.2	96.5	97.4	98.3	98.9	99.1	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1793

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4249.1	17 WILLIAMS AAF TEX/MINERAL WELLS	49-65,67-70	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	55.3	55.9	55.7	55.9	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	64.7	65.9	66.0	66.3	66.5	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	64.7	65.9	66.0	66.3	66.5	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	67.0	68.1	68.1	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	66.4	67.5	67.6	67.9	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	67.0	68.1	68.2	68.5	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	70.6	71.4	71.6	71.9	72.1	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	71.2	72.0	72.1	72.4	72.6	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	72.2	73.1	73.2	73.7	73.9	73.9	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	73.1	73.9	73.9	74.4	74.6	74.6	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	74.5	75.4	75.6	76.1	76.3	76.3	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	76.5	77.4	77.6	78.3	78.6	78.6	78.7	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	77.7	78.8	79.0	80.4	80.8	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	80.0	81.2	81.4	82.8	83.2	83.2	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	82.4	84.6	84.8	85.3	85.6	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	85.3	87.9	88.4	88.9	89.2	89.2	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	90.9	92.0	92.1	92.6	92.9	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	92.1	93.2	93.4	93.9	94.2	94.2	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	92.9	94.0	94.2	94.7	95.0	95.0	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	94.2	95.4	95.6	96.1	96.4	96.4	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	94.7	96.0	96.2	96.7	97.0	97.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	95.2	96.5	96.7	97.2	97.5	97.5	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	95.2	96.5	96.7	97.2	97.5	97.5	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	95.3	96.6	96.8	97.3	97.6	97.6	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0	95.5	96.8	96.9	97.4	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 1700

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13943 STATION | FT WORTH/MEACHAM FLD, TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.9	71.2	71.8	72.3	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	69.7	71.1	71.6	72.1	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	69.8	71.4	71.6	72.4	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 16000	70.2	71.8	72.0	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 14000	71.8	73.2	73.9	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 12000	73.2	75.1	75.4	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 10000	75.5	77.6	77.9	78.8	79.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	76.1	78.2	78.5	79.4	79.6	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 8000	77.1	79.2	79.6	80.4	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 7000	78.3	80.5	80.9	81.7	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
≥ 6000	79.4	81.7	82.0	82.9	83.1	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	82.1	84.6	84.9	85.8	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	82.4	84.9	85.3	86.1	86.4	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 4000	83.7	86.3	86.8	87.7	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 3500	86.8	89.5	89.9	90.8	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 3000	86.2	88.9	89.3	90.2	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 2500	87.4	90.5	91.2	92.2	92.5	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 2000	88.0	91.0	91.7	92.8	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 1800	88.9	92.4	93.1	94.2	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 1500	89.0	92.8	93.5	94.7	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 1200	90.4	94.3	95.0	96.3	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	90.6	94.6	95.4	96.7	97.3	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	90.7	94.9	95.7	97.0	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	90.9	95.3	96.1	97.5	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 700	91.0	95.4	96.3	97.8	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 600	91.1	95.5	96.4	98.1	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2
≥ 500	91.1	95.5	96.5	98.1	98.6	98.7	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4
≥ 400	91.3	95.6	96.6	98.3	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6
≥ 300	91.3	95.6	96.8	98.3	99.0	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 200	91.3	95.8	96.8	98.5	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	91.3	95.8	96.8	98.5	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
0	91.3	95.8	96.8	98.5	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1752

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.2	65.[illegible]	66.1	66.3	66.4	66.4	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9
≥ 20000	71.5	71.7	73.9	74.6	74.6	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 18000	71.8	73.7	74.0	74.4	74.7	74.8	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
16000	71.7	73.8	74.1	74.5	74.8	74.9	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.3
≥ 14000	75.1	75.4	75.7	76.1	76.4	76.5	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
12000	76.1	76.6	76.9	77.3	77.6	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1
≥ 10000	75.6	78.2	78.5	79.0	79.3	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
9000	76.0	78.6	78.9	79.4	79.8	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3
≥ 8000	77.2	79.9	80.1	80.7	81.1	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
7000	78.4	81.1	81.3	81.9	82.3	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	79.1	82.0	82.3	82.9	83.3	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
5000	81.2	84.6	84.9	85.6	86.0	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 4500	81.7	85.2	85.4	86.1	86.5	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0
4000	82.8	86.4	86.7	87.3	87.7	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	83.4	86.9	87.2	87.9	88.3	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
3000	86.5	89.1	89.5	89.2	89.7	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 2500	85.7	89.4	89.8	90.5	91.1	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8
2000	87.0	91.0	91.5	92.3	93.0	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	87.5	91.6	92.0	92.9	93.5	93.6	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1500	88.1	92.6	93.1	94.0	94.7	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1200	88.9	93.5	94.0	95.0	95.7	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
1000	89.3	94.0	94.6	95.6	96.4	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 900	89.4	94.2	94.9	95.8	96.7	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5
800	89.6	94.3	95.1	96.1	97.0	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 700	89.8	94.9	95.8	96.8	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.5
600	90.0	95.1	96.0	97.1	98.0	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 500	90.0	95.2	96.1	97.3	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1
400	90.0	95.1	96.3	97.6	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.5
≥ 300	90.0	95.4	96.4	97.7	98.8	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
200	90.0	95.4	96.4	97.7	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.9	99.9	100.0
≥ 100	90.0	95.4	96.4	97.7	98.8	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0
0	90.0	95.4	96.4	97.7	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1731

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03943 STATION | FT WORTH NAS, TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.9	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 20000	69.9	71.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
≥ 18000	70.2	73.1	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 16000	70.3	73.2	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 14000	72.6	74.8	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 12000	73.1	76.3	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 10000	74.7	77.9	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 9000	75.3	78.5	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.3	79.4	79.4	79.4	79.4
≥ 8000	76.6	79.8	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 7000	76.8	80.0	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 6000	77.6	81.1	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0
≥ 5000	78.4	82.4	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 4500	79.5	83.3	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3
≥ 4000	80.8	84.8	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.9	85.8	85.8
≥ 3500	81.2	85.2	85.8	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 3000	82.6	86.6	87.2	87.4	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 2500	85.8	88.8	89.4	89.6	89.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 2000	89.4	90.6	91.4	91.7	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1800	87.7	91.6	92.2	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1
≥ 1500	88.1	92.6	93.3	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1200	9.1	94.1	94.8	95.2	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1000	9.9	95.2	95.9	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
≥ 900	0.2	95.7	96.1	97.0	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 800	0.4	96.2	96.9	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 700	0.7	96.3	97.5	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9
≥ 600	0.1	96.8	97.6	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 500	0.8	97.2	98.1	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	0.8	97.2	98.2	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	0.9	97.3	98.3	99.0	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	0.9	97.3	98.3	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	0.9	97.3	98.3	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	0.9	97.3	98.3	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1869

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13963	FT WORTH AAF TEX/MINERAL WELLS	49-53,57-70	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	62.2	65.5	66.0	66.2	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000 ≥ 16000	67.6	67.6	66.2	66.5	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000 ≥ 12000	68.0	68.6	67.2	67.5	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000 ≥ 9000	69.8	70.3	70.7	71.0	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000 ≥ 7000	72.3	73.1	73.4	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000 ≥ 5000	74.3	74.4	75.1	75.4	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500 ≥ 4000	76.6	76.9	77.4	77.7	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500 ≥ 3000	77.6	78.0	78.8	79.2	79.6	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500 ≥ 2000	78.0	81.3	82.3	82.7	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800 ≥ 1500	79.2	86.1	87.0	87.4	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200 ≥ 1000	83.0	91.1	92.2	92.7	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900 ≥ 800	84.2	92.7	93.8	94.3	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700 ≥ 600	85.0	93.6	94.9	95.7	96.2	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500 ≥ 400	85.5	94.0	96.2	97.2	97.8	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300 ≥ 200	85.6	94.1	96.6	97.6	98.6	98.6	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100 ≥ 0	85.6	94.1	96.6	97.6	98.7	98.7	99.3	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1820

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH NAS JRB/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	53.2	48.5	48.9	49.2	49.4	49.4	49.0	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	53.0	57.1	57.6	57.9	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
≥ 18000	53.4	57.5	58.0	58.3	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
≥ 16000	53.4	57.5	58.0	58.3	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
≥ 14000	54.8	59.3	59.5	59.9	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 12000	57.3	61.8	62.3	62.7	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 10000	59.7	64.4	64.9	65.3	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
≥ 9000	60.2	64.9	65.4	65.8	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 8000	61.7	66.7	67.3	67.7	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 7000	62.5	67.7	68.3	68.7	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
≥ 6000	63.4	68.7	69.3	69.8	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 5000	63.4	68.7	69.3	70.0	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
≥ 4500	64.5	70.0	70.6	71.3	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 4000	65.9	71.6	72.3	73.1	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 3500	66.1	72.0	72.6	73.4	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 3000	67.3	73.2	73.8	74.7	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 2500	69.5	75.3	76.2	77.0	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.2
≥ 2000	71.5	77.8	78.5	80.4	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8
≥ 1800	73.7	79.6	80.3	81.2	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1500	75.4	82.1	83.0	83.9	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 1200	79.0	86.2	87.2	88.3	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 1000	80.7	88.5	89.7	90.8	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 900	81.0	88.9	90.2	91.4	92.5	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 800	81.9	89.4	91.6	92.8	94.0	94.0	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 700	82.4	91.3	92.6	94.0	95.4	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 600	83.0	92.2	93.6	95.1	96.5	96.5	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 500	83.2	92.4	94.2	95.9	97.4	97.4	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	83.3	92.6	94.3	96.0	97.5	97.5	98.4	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 300	83.3	92.6	94.3	96.1	97.7	97.8	98.7	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 200	83.3	93.3	94.3	96.1	97.7	97.8	98.9	99.1	99.1	99.2	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	83.3	92.8	94.3	96.1	97.7	97.8	98.9	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.8	99.9
0	83.3	92.8	94.3	96.1	97.7	97.8	98.9	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1811

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION | FT WALTON AAF (EGLIN/DUPONT WELLS) STATION NAME | 49-65,67-70 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50,0	50,8	50,9	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0
	59,4	60,2	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3
≥ 18000 ≥ 16000	59,5	60,2	60,3	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4
	59,5	60,2	60,3	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4
≥ 14000 ≥ 12000	59,8	60,8	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9
	62,9	63,8	63,9	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0
≥ 10000 ≥ 9000	65,0	66,0	66,2	66,2	66,2	66,2	66,2	66,2	66,2	66,2	66,2	66,2	66,2	66,2	66,2	66,2
	65,8	66,8	67,0	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1
≥ 8000 ≥ 7000	67,8	68,8	69,0	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1
	68,2	69,3	69,5	69,6	69,6	69,6	69,6	69,6	69,6	69,6	69,6	69,6	69,6	69,6	69,6	69,6
≥ 6001 ≥ 5000	69,2	70,4	70,5	70,6	70,6	70,6	70,6	70,6	70,6	70,6	70,6	70,6	70,6	70,6	70,6	70,6
	70,2	71,7	71,9	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,2
≥ 4500 ≥ 4000	70,8	72,3	72,4	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7
	72,0	73,7	74,0	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
≥ 3500 ≥ 3000	72,8	74,5	74,8	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2
	74,3	76,1	76,4	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8
≥ 2500 ≥ 2000	78,1	80,2	80,5	80,9	80,9	80,9	80,9	80,9	80,9	80,9	80,9	80,9	80,9	80,9	80,9	80,9
	81,0	83,2	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
≥ 1800 ≥ 1500	82,5	84,7	85,1	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
	86,0	88,5	88,9	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
≥ 1200 ≥ 1000	88,9	91,9	92,3	92,9	93,0	93,0	93,1	93,1	93,1	93,1	93,2	93,2	93,2	93,2	93,2	93,2
	90,5	93,8	94,3	95,0	95,1	95,1	95,2	95,2	95,2	95,2	95,3	95,3	95,3	95,3	95,3	95,3
≥ 900 ≥ 800	90,7	94,2	94,7	95,4	95,5	95,6	95,7	95,7	95,7	95,7	95,8	95,8	95,8	95,8	95,8	95,8
	91,8	95,4	95,9	96,7	96,8	96,8	97,0	97,0	97,0	97,0	97,1	97,1	97,1	97,1	97,1	97,1
≥ 700 ≥ 600	92,4	96,4	96,9	97,8	97,9	97,9	98,1	98,1	98,1	98,1	98,2	98,2	98,2	98,2	98,2	98,2
	92,8	96,9	97,5	98,3	98,7	98,7	98,9	98,9	98,9	98,9	99,1	99,1	99,1	99,1	99,1	99,1
≥ 500 ≥ 400	92,8	96,9	97,5	98,3	99,1	99,1	99,3	99,3	99,3	99,3	99,5	99,5	99,6	99,6	99,6	99,6
	92,8	96,9	97,5	98,3	99,1	99,2	99,4	99,4	99,4	99,4	99,6	99,6	99,7	99,7	99,7	99,7
≥ 300 ≥ 200	92,9	97,0	97,8	99,0	99,3	99,4	99,6	99,6	99,6	99,6	99,8	99,8	99,9	99,9	99,9	99,9
	92,9	97,0	97,8	99,0	99,3	99,4	99,6	99,6	99,6	99,6	99,8	99,8	99,9	99,9	100,0	100,0
≥ 100 0	92,9	97,0	97,8	99,0	99,3	99,4	99,6	99,6	99,6	99,6	99,8	99,8	99,9	99,9	100,0	100,0
	92,9	97,0	97,8	99,0	99,3	99,4	99,6	99,6	99,6	99,6	99,8	99,8	99,9	99,9	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 1836

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.7	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	62.8	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	63.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	63.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	64.1	65.1	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
≥ 12000	66.0	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	68.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	68.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	70.1	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
≥ 7000	71.1	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	72.5	73.6	73.8	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
≥ 5000	74.3	75.4	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	75.1	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	77.3	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	79.2	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	83.1	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	87.0	88.7	89.0	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	89.7	91.6	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	90.3	92.2	92.6	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
≥ 1500	92.6	94.6	95.0	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
≥ 1200	93.6	95.6	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	93.9	96.4	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 900	94.2	96.7	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 800	94.6	97.2	97.6	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	95.0	97.7	98.3	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	95.1	97.9	98.4	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	95.2	97.9	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	95.2	97.9	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	95.2	97.9	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	95.2	97.9	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.2	97.9	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	95.2	97.9	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1819

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4

STATION	STATION NAME	YEARS	MONTH
03961	FT WORTH/MEACHAM/DALLAS	69-73	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 1800-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.1	57.9	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	69.2	70.1	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	69.7	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	69.8	70.7	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	70.6	71.6	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	72.1	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	74.6	75.6	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
≥ 9000	75.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	76.7	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	77.8	78.9	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	79.3	80.4	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	81.4	82.5	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
≥ 4500	82.1	83.4	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
≥ 4000	84.8	86.1	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	86.8	88.1	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	90.2	91.6	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
≥ 2500	91.5	93.0	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	93.4	95.0	95.6	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
≥ 1800	93.6	95.2	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	94.2	95.8	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	95.0	96.7	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	95.1	97.4	98.2	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
≥ 900	95.4	97.5	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	95.5	97.6	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
≥ 700	95.7	97.9	98.7	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
≥ 600	95.9	98.1	99.1	99.4	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	95.9	98.3	99.2	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	95.9	98.3	99.2	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	95.9	98.3	99.2	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	95.9	98.3	99.2	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	95.9	98.3	99.2	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	95.9	98.3	99.2	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 1826

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943	FT WALTERS AAF TEX/MINERAL WELLS	49-63,67-70	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.4	60.7	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	74.1	75.3	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	74.6	75.7	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	74.9	76.1	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	75.7	76.9	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	77.2	78.5	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	80.3	81.8	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	80.7	82.3	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	82.4	83.9	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
≥ 7000	82.8	84.3	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	85.9	85.5	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	86.3	87.4	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	86.4	88.0	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
≥ 4000	86.4	88.1	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	89.1	90.0	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	90.9	92.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	91.3	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	92.1	94.3	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	92.3	94.5	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	93.2	95.4	96.1	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	93.8	96.1	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	94.3	97.0	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	94.5	97.1	98.0	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	94.8	97.5	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	94.8	97.6	98.5	98.8	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	94.9	97.7	98.6	98.8	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.9	97.7	98.6	98.9	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.9	97.7	98.6	98.9	99.5	99.6	99.7	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	94.9	97.7	98.6	98.9	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.9	97.7	98.6	98.9	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.9	97.7	98.6	98.9	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.9	97.7	98.6	98.9	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1772

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03961 STATION | FT WALTER, GAF, TEX/MINERAL WELLS STATION NAME | 69-70-67-70 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	76.5	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000 ≥ 16000	77.2	78.9	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000 ≥ 12000	79.8	81.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000 ≥ 9000	82.2	83.5	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
≥ 8000 ≥ 7000	85.8	86.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000 ≥ 5000	86.9	88.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500 ≥ 4000	88.9	90.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500 ≥ 3000	89.4	91.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500 ≥ 2000	91.0	92.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800 ≥ 1500	91.7	93.5	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
≥ 1200 ≥ 1000	93.1	95.0	97.9	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
≥ 900 ≥ 800	93.5	95.4	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700 ≥ 600	93.7	95.7	98.8	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
≥ 500 ≥ 400	93.7	95.9	99.1	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
≥ 300 ≥ 200	93.7	95.9	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0	93.7	95.9	99.1	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 1761

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 FT WALTERS AAF TEX/MINERAL WELLS 49-69,67-70 JUN
STATION STATION NAME YEARS 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.2	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 20000	82.6	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	80.6	82.9	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
≥ 16000	80.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	82.4	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	84.5	84.5
≥ 12000	84.5	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	86.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 9000	86.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	87.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	88.3	90.3	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
≥ 6000	89.1	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	91.5
≥ 5000	90.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 4500	90.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 4000	90.3	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	93.1	93.1
≥ 3500	90.5	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 3000	91.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 2500	91.8	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	94.7	94.7
≥ 2000	92.9	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	92.9	95.5	96.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	93.4	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	94.5	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 1000	94.6	97.9	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 900	94.8	98.1	98.3	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 800	94.9	98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	95.2	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	95.2	98.6	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	95.4	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 400	95.4	99.1	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	99.8
≥ 300	95.4	99.1	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.4	99.1	99.2	99.4	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	95.4	99.1	99.2	99.4	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	95.4	99.1	99.2	99.4	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 1774

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0493	FT WALTERS AAF TEX/MINERAL WELLS	49-65,67-70	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.4	69.1	69.3	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	72.7	73.7	73.9	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	73.0	73.9	74.1	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	77.4	78.3	78.5	78.9	78.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	74.8	77.7	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	78.9	79.9	80.1	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	78.9	82.1	82.3	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	79.2	82.3	82.6	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	80.4	83.7	84.0	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	81.4	85.0	85.3	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	82.0	86.6	86.9	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	83.1	86.7	87.0	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	83.3	87.3	87.4	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	83.9	87.7	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	84.3	88.1	88.4	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	85.0	89.0	89.3	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	85.9	90.0	90.4	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
≥ 2000	88.2	92.5	93.0	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	88.7	93.2	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	89.5	93.9	94.5	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	90.0	95.3	95.8	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	91.3	96.2	96.9	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	91.4	96.4	97.1	97.5	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	91.5	96.4	97.3	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	91.5	96.4	97.5	97.9	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	91.6	96.7	97.6	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	91.7	97.0	97.9	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	91.9	97.4	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	91.9	97.5	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	91.9	97.6	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	91.9	97.6	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
0	91.9	97.6	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1783

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION — FT WORTH MEACHAM FLD/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	71.5 67.9	64.2 70.9	64.5 71.3	64.7 71.5	64.8 71.6	64.0 71.6	64.8 71.7	64.8 71.7	64.8 71.7	64.8 71.7	64.8 71.7	64.8 71.7	64.9 71.8	64.9 71.8	64.9 71.8	64.9 71.8
≥ 18000 ≥ 16000	67.0 67.9	71.0 71.3	71.4 71.7	71.7 71.9	71.7 72.0	71.7 72.0	71.8 72.0	71.8 72.0	71.8 72.0	71.8 72.0	71.8 72.0	71.8 72.0	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2
≥ 14000 ≥ 12000	69.4 72.0	72.8 75.2	73.2 76.3	73.4 76.6	73.5 76.6	73.5 76.6	73.6 76.7	73.6 76.7	73.6 76.7	73.6 76.7	73.6 76.7	73.6 76.7	73.7 76.8	73.7 76.8	73.7 76.9	73.7 76.9
≥ 10000 ≥ 9000	74.9 75.6	78.8 79.6	79.2 79.9	79.5 80.2	79.6 80.3	79.6 80.3	79.6 80.3	79.6 80.3	79.6 80.3	79.6 80.3	79.6 80.3	79.6 80.3	79.7 80.4	79.7 80.4	79.8 80.5	79.8 80.5
≥ 8000 ≥ 7000	77.2 77.9	81.6 82.0	81.9 82.5	82.1 82.8	82.2 82.9	82.0 82.9	82.0 82.9	82.0 82.9	82.0 82.9	82.0 82.9	82.0 82.9	82.0 82.9	82.1 83.0	82.1 83.0	82.2 83.1	82.2 83.1
≥ 6000 ≥ 5000	78.5 78.9	82.6 83.0	83.0 83.5	83.4 83.8	83.6 83.9	83.4 83.9	83.5 83.9	83.5 83.9	83.5 83.9	83.5 83.9	83.5 83.9	83.5 83.9	83.6 84.0	83.6 84.0	83.6 84.1	83.6 84.1
≥ 4500 ≥ 4000	79.0 79.8	83.1 83.9	83.5 84.3	83.9 84.6	83.9 84.7	83.9 84.7	84.0 84.8	84.0 84.8	84.0 84.8	84.0 84.8	84.0 84.8	84.0 84.8	84.1 84.9	84.1 84.9	84.1 84.9	84.1 84.9
≥ 3500 ≥ 3000	80.4 81.6	84.5 85.7	85.0 86.1	85.3 86.4	85.4 86.5	85.4 86.5	85.4 86.6	85.4 86.6	85.4 86.6	85.4 86.6	85.4 86.6	85.4 86.6	85.5 86.7	85.5 86.7	85.6 86.7	85.6 86.7
≥ 2500 ≥ 2000	82.0 85.0	86.9 89.4	87.3 89.7	87.7 90.2	87.7 90.3	87.7 90.3	87.8 90.4	87.8 90.3	87.8 90.3	87.8 90.3	87.8 90.3	87.9 90.3	87.9 90.4	87.9 90.4	88.0 90.5	88.0 90.5
≥ 1800 ≥ 1500	88.8 89.8	90.2 91.9	90.6 92.5	91.1 93.0	91.2 93.1	91.2 93.1	91.3 93.2	91.3 93.2	91.3 93.2	91.3 93.2	91.3 93.2	91.3 93.2	91.4 93.3	91.4 93.3	91.4 93.3	91.4 93.3
≥ 1200 ≥ 1000	93.9 94.9	93.5 96.6	94.1 95.2	94.6 95.9	94.7 95.9	94.8 96.0	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	95.0 96.2	95.0 96.2	95.0 96.2	95.0 96.2
≥ 900 ≥ 800	96.0 91.1	95.7 96.2	96.4 97.0	97.0 97.7	97.1 97.8	97.2 97.9	97.3 98.0	97.3 98.0	97.3 98.0	97.3 98.0	97.3 98.0	97.3 98.0	97.4 98.2	97.4 98.2	97.4 98.2	97.4 98.2
≥ 700 ≥ 600	91.1 91.4	96.4 96.6	97.2 97.5	98.0 98.4	98.2 98.5	98.3 98.6	98.4 98.8	98.4 98.8	98.4 98.8	98.4 98.8	98.4 98.8	98.4 98.8	98.5 98.9	98.5 98.9	98.6 99.0	98.6 99.0
≥ 500 ≥ 400	91.6 91.6	96.9 96.9	97.7 97.8	98.8 98.9	98.9 99.1	99.0 99.2	99.3 99.5	99.3 99.5	99.3 99.5	99.3 99.5	99.3 99.5	99.3 99.4	99.4 99.6	99.4 99.6	99.4 99.7	99.4 99.7
≥ 300 ≥ 200	91.6 91.6	97.0 97.0	97.9 97.9	99.0 99.0	99.2 99.2	99.3 99.4	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.8	99.8 99.9	99.8 99.9
≥ 100 0	91.6 91.6	97.0 97.0	97.9 97.9	99.0 99.0	99.2 99.2	99.4 99.4	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1785

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH 6AF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	66.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	72.2	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	72.2	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	72.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	73.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	73.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	77.3	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	78.1	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	79.0	80.4	80.6	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	79.4	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	80.0	81.4	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	80.5	82.0	82.2	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
≥ 4500	80.7	82.1	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	81.3	82.8	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	82.4	83.9	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	84.4	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	86.8	88.5	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	89.0	91.5	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	90.8	92.6	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	92.6	94.5	94.7	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	94.3	96.4	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	97.1
≥ 1000	95.0	97.1	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	95.1	97.3	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	95.3	97.5	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	95.4	97.5	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	95.7	97.7	98.8	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.8	97.8	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.9	98.0	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.9	98.0	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.9	98.3	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.9	98.3	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	95.9	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1784

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13744 | FT WORTH AAF TEX/BIRDVAL WELLS | 49-65,67-70 | JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	0.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	0.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	1.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	1.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	2.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	3.0	83.1	83.1	83.1	83.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	4.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	17.0	87.5	87.5	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
≥ 3500	89.3	90.0	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
≥ 3000	92.1	92.9	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
≥ 2500	94.2	95.1	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
≥ 2000	95.5	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	96.3	97.1	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	96.6	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	97.2	98.3	98.8	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
≥ 1000	97.5	98.6	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
≥ 900	97.6	98.8	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	99.4
≥ 800	97.6	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
≥ 700	97.7	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.6	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	99.8	99.8
≥ 500	97.8	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.8	99.2	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
≥ 300	97.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	97.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	97.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1783

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION | FT WILTSES AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1700 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.2	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	1.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	1.3	81.6	81.6	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	2.1	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	4.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	86.2	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	86.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	88.0	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	88.3	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	89.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	91.9	91.9	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
≥ 4500	92.4	92.7	92.7	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
≥ 4000	93.9	94.4	94.4	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
≥ 3500	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	96.2	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	97.0	97.6	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
≥ 2000	97.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.8	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	98.0	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	99.2	99.3	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
≥ 1000	99.4	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	99.4	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.5	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.5	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.5	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.5	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1777

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 — STATION
FT WORTH AAF TEX/MINERAL WELLS — STATION NAME
49-65,67-70 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	75.5	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 16000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 14000	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 12000	89.5	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	89.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	91.3	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	91.2	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	91.5	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	93.0	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	93.7	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	94.8
≥ 4500	94.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	95.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	95.4	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	96.7
≥ 3000	96.0	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	96.1	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	96.7	97.8	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
≥ 1800	96.8	97.9	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
≥ 1500	97.2	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	97.5	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.5	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.5	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	97.7	98.9	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.9	99.0	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.1	99.2	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.1	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.1	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1745

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.1	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	85.7	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 18000	85.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 16000	86.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 14000	86.8	88.5	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	88.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	89.7	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	90.1	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 8000	91.7	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	92.4	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
≥ 6000	92.9	94.7	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	94.9
≥ 5000	93.8	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	93.9	94.0	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	96.2
≥ 4000	94.4	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	94.6	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	94.6	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	95.0	97.2	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
≥ 2000	95.0	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	95.7	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	96.0	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.4	98.7	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
≥ 1000	96.6	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	96.7	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	96.7	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	96.7	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.9	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.0	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.0	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.0	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.0	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	97.0	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	97.0	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 1733

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03961 STATION | FT WORTH'S AAF (TX)/MINERAL WELLS STATION NAME | 49-69,67-70 YEARS | JUL 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	84.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 20000	88.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 18000	88.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 16000	88.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 14000	90.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 12000	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	93.2	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
≥ 9000	93.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	94.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 7000	94.2	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	94.7	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 5000	95.0	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
≥ 4500	95.2	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	95.3	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	95.6	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	95.8	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	97.9	97.9
≥ 2500	95.9	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	98.0
≥ 2000	96.1	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
≥ 1800	96.5	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
≥ 1500	96.5	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.0	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	99.2
≥ 1000	97.3	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	97.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.4	99.5	99.6	99.7	99.8	99.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	97.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	97.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	97.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	97.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	97.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1836

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 (STATION) FT WILLIAMS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUL (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 20000	81.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 18000	81.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 16000	81.2	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	83.2	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	85.8	85.8
≥ 12000	83.3	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	88.7	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 9000	89.5	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	92.4	92.4
≥ 8000	90.7	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
≥ 7000	91.1	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	94.1	94.1
≥ 6000	91.7	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	92.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 4500	92.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 4000	92.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 3500	92.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 3000	93.2	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
≥ 2500	93.2	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	96.7	96.7
≥ 2000	93.7	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	97.3	97.3
≥ 1800	93.9	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	94.1	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 1200	94.9	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	95.0	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	99.4
≥ 900	95.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 800	95.0	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 700	95.0	99.1	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
≥ 600	95.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 500	95.2	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
≥ 400	95.2	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
≥ 300	95.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	95.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	95.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 18x1

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03944 (STATION) FT WORTH MEACHAM AAF, TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	76.7	77.0	76.8	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4
	76.9	77.2	77.2	77.3	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 18000 16000	75.4	77.1	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9
	75.6	77.3	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.1
≥ 14000 12000	77.0	79.1	79.2	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
	81.4	83.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 10000 9000	86.7	87.3	87.4	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
	89.1	89.8	88.9	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 8000 7000	87.8	90.3	90.8	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
	88.3	90.8	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 6000 5000	89.1	91.6	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
	89.7	92.3	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 4500 4000	89.9	92.6	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
	90.2	93.1	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 3500 3000	90.4	93.3	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
	90.8	93.7	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 2500 2000	91.0	94.0	94.3	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
	91.7	94.8	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1800 1500	92.0	95.2	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
	92.4	95.8	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1200 1000	93.0	96.2	96.5	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7
	93.4	96.9	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 900 800	93.4	97.2	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
	93.4	97.2	97.9	98.4	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700 600	93.4	97.3	98.0	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
	93.5	97.4	98.2	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500 400	93.7	97.7	98.5	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
	93.7	97.8	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300 200	93.8	97.8	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
	93.8	97.8	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100 0	93.8	97.8	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
	93.8	97.8	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1816

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 STATION | FT WORTH LAF, TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0001-1100~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	71.6 79.1	72.0 79.7	72.1 79.7	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8	72.1 79.8
≥ 18000 ≥ 16000	79.1 79.3	79.7 79.8	79.7 79.9	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0	79.8 80.0
≥ 14000 ≥ 12000	80.8 83.3	81.3 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9	81.4 83.9
≥ 10000 ≥ 9000	86.3 86.7	86.9 87.3	86.9 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4	87.0 87.4
≥ 8000 ≥ 7000	87.7 88.5	88.3 89.1	88.4 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2	88.5 89.2
≥ 6000 ≥ 5000	89.5 90.4	90.1 91.1	90.2 91.1	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2	90.3 91.2
≥ 4500 ≥ 4000	90.6 91.4	91.3 91.9	91.3 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0	91.4 92.0
≥ 3500 ≥ 3000	91.6 92.8	92.4 93.5	92.4 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6
≥ 2500 ≥ 2000	93.9 95.1	94.7 96.0	94.8 96.0	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1	94.8 96.1
≥ 1800 ≥ 1500	95.4 96.6	96.3 97.2	96.4 97.3	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5	96.6 97.5
≥ 1200 ≥ 1000	97.0 97.1	98.0 98.2	98.2 98.4	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6
≥ 900 ≥ 800	97.3 97.4	98.5 98.7	98.7 99.0	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3
≥ 700 ≥ 600	97.5 97.5	99.1 99.1	99.2 99.3	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8
≥ 500 ≥ 400	97.5 97.5	99.1 99.1	99.3 99.3	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
≥ 300 ≥ 200	97.5 97.5	99.1 99.1	99.3 99.3	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 ≥ 0	97.5 97.5	99.1 99.1	99.3 99.3	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1d36

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943	FT WORTH AAF TEX/MINERAL WELLS	49-65,67-70	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	80.3	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
≥ 12000	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	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
≥ 8000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	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
≥ 6000	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	89.5	89.5	89.5
≥ 5000	91.4	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
≥ 4500	92.6	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
≥ 4000	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	95.5	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
≥ 3000	95.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	97.5	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	98.0	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	98.1	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
≥ 1500	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	98.4	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	99.3	99.3
≥ 1000	98.4	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	99.3	99.3
≥ 900	98.4	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
≥ 800	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.5	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	99.6
≥ 600	98.5	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.7	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.7	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.7	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.7	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.7	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	98.7	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1836

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C1943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 69-69,67-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	71.9	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	72.1	72.1
≥ 20000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	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	92.1
≥ 6000	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	95.8	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	96.9	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
≥ 3500	97.6	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
≥ 3000	97.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	98.1	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	99.4
≥ 1800	98.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.2	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	99.5
≥ 1200	98.3	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
≥ 1000	98.3	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
≥ 900	98.4	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	98.4	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	98.4	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	98.4	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
≥ 500	98.4	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
≥ 400	98.5	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	98.5	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	98.5	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	98.5	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	98.5	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 1927

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1:00-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 20000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 14000	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 12000	91.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	93.0	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	93.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 8000	94.5	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
≥ 7000	95.8	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
≥ 6000	96.6	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
≥ 5000	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500	96.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	97.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	97.8	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	99.0
≥ 3000	98.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 2000	98.3	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	99.7	99.7
≥ 1800	98.3	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	99.7	99.7
≥ 1500	98.3	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	99.7	99.7
≥ 1200	98.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1000	98.4	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	100.0	100.0
≥ 900	98.4	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	100.0	100.0
≥ 800	98.4	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	100.0	100.0
≥ 700	98.4	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	100.0	100.0
≥ 600	98.4	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	100.0	100.0
≥ 500	98.4	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	100.0	100.0
≥ 400	98.4	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	100.0	100.0
≥ 300	98.4	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	100.0	100.0
≥ 200	98.4	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	100.0	100.0
≥ 100	98.4	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	100.0	100.0
0	98.4	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH ARP TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	84.8	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	88.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 18000	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 16000	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 14000	90.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 12000	91.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 10000	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000	94.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 8000	95.0	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	95.5	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
≥ 6000	95.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	96.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	96.3	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
≥ 4000	96.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	97.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	97.1	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
≥ 2500	97.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.5	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
≥ 1800	97.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	97.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.9	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
≥ 1000	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.0	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
≥ 700	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1787

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03243 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 20000	78.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 18000	78.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 16000	78.1	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 14000	89.1	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
≥ 12000	91.7	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 10000	92.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	93.5	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	93.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	93.9	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	94.3	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
≥ 5000	94.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	94.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	94.7	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	98.1	98.1
≥ 3500	94.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	95.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	95.0	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
≥ 2000	95.1	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
≥ 1800	95.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	95.8	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
≥ 1200	95.9	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	95.8	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	95.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	95.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.1	99.3	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
≥ 500	96.2	99.3	99.9	100.0	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	96.2	99.3	99.9	100.0	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	96.2	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
≥ 200	96.2	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	96.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1836

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	1.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 20000	84.6	87.1	87.4	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
≥ 18000	84.6	87.1	87.4	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
≥ 16000	84.7	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 14000	86.6	89.3	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 12000	88.9	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 10000	90.6	93.3	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9
≥ 9000	91.0	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 8000	91.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 7000	92.1	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	92.6	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 5000	92.8	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 4500	93.0	96.1	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
≥ 4000	93.3	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 3500	93.3	96.5	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	93.5	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 2500	93.6	96.8	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
≥ 2000	93.8	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1800	94.0	97.2	97.4	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
≥ 1500	94.2	97.6	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	94.6	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	94.8	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	95.1	98.6	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
≥ 800	95.3	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	95.4	98.8	99.1	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
≥ 600	95.4	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	95.5	99.0	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	95.6	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	95.6	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	95.6	99.1	99.4	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
≥ 100	95.6	99.1	99.4	99.6	99.8	99.9	99.8	99.9	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	95.6	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1842

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH ARF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	73.6	75.9	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 20000	77.5	80.2	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 18000	77.5	80.2	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 16000	77.6	80.3	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	78.7	81.4	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	81.3	84.0	84.4	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
≥ 10000	85.4	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 9000	86.1	89.1	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 8000	87.7	91.0	91.4	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
≥ 7000	88.2	91.7	92.1	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	88.9	92.6	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 5000	89.2	92.9	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 4500	89.3	93.0	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 4000	89.8	93.5	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 3500	90.0	93.7	94.2	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
≥ 3000	90.2	94.0	94.5	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
≥ 2500	90.4	94.1	94.6	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
≥ 2000	90.9	94.8	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1800	91.0	94.9	95.3	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
≥ 1500	91.5	95.6	96.1	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	92.1	96.1	96.7	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
≥ 1000	92.3	96.4	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 900	92.9	96.9	97.1	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
≥ 800	92.7	97.1	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	92.8	97.3	97.9	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	93.1	97.7	98.3	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
≥ 500	93.1	97.7	98.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	93.1	97.7	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	93.1	97.7	98.3	99.4	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	93.1	97.7	98.3	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
≥ 100	93.1	97.7	98.3	99.4	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	93.1	97.7	98.3	99.4	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 1841

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WILLIEBS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	79.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	79.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 16000	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	81.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	83.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	85.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	86.3	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
≥ 8000	87.8	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
≥ 7000	88.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	89.5	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
≥ 5000	90.1	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
≥ 4500	90.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	90.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	91.6	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	92.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	93.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.8	95.9
≥ 2000	94.7	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
≥ 1800	95.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	95.9	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
≥ 1200	96.4	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	96.9	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
≥ 900	96.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	96.8	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.0	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
≥ 400	97.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1841

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION | FT WORTH/AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	77.0	77.0	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
≥ 18000 16000	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000 12000	79.3	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
	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000 9000	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000 7000	86.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000 5000	89.3	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
	91.5	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
≥ 4500 4000	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500 3000	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	96.9	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
≥ 2500 2000	97.6	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
	98.2	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	99.2
≥ 1800 1500	98.5	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
	98.6	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
≥ 1200 1000	98.6	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
	98.6	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 800	98.6	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	99.9
	98.6	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	99.9
≥ 700 600	98.6	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	99.9
	98.6	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	99.9
≥ 500 400	98.6	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	99.9
	98.6	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	99.9
≥ 300 200	98.6	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	99.9
	98.6	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	99.9
≥ 100 0	98.6	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	99.9
	98.6	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	100.0

TOTAL NUMBER OF OBSERVATIONS 1840

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03944 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 14000	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000	89.2	89.4	89.4	89.5	89.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	90.7	90.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	94.3	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	96.4	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	97.7	98.1	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
≥ 3500	98.0	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.4	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.7	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.9	99.5	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
≥ 1200	98.9	99.5	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
≥ 1000	98.9	99.5	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
≥ 900	98.9	99.5	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
≥ 800	98.9	99.5	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
≥ 700	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1832

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) AUG (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.1	77.7	77.7	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
≥ 20000	85.9	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 18000	85.0	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 16000	86.1	85.8	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
≥ 14000	86.5	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
≥ 12000	89.9	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10000	92.1	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 9000	92.7	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	93.4	94.2	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	94.3	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000	95.7	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	96.9	98.5	98.1	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
≥ 4500	97.1	98.2	98.3	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
≥ 4000	97.5	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	97.6	98.8	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	97.8	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	97.8	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.0	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.0	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.1	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1781

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

039a3 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65-67-70 (YEARS) AUG (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	84.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 20000	89.2	91.3	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
≥ 18000	89.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 16000	89.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 14000	90.3	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
≥ 12000	91.0	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	93.3	93.3
≥ 10000	92.6	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	95.0
≥ 9000	92.9	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
≥ 8000	93.3	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 7000	93.8	96.1	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
≥ 6000	94.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	94.6	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	94.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	95.3	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	95.4	96.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	95.8	96.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	95.9	98.9	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
≥ 2000	96.0	98.9	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
≥ 1800	96.0	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.1	99.3	99.3	99.3	99.3
≥ 1500	96.1	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	96.2	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	99.6
≥ 1000	96.3	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
≥ 900	96.3	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
≥ 800	96.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.5	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
≥ 600	96.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1777

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 (STATION) FT WILTBS AAF TEX/MINERAL WELLS (STATION NAME) 49-68,07-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.4	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
≥ 20000	77.4	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 18000	77.6	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
≥ 16000	77.8	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	79.0	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	81.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 10000	82.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 9000	83.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 8000	83.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 7000	84.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	85.3	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 5000	86.1	89.1	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 4500	86.4	89.5	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	87.1	90.4	90.7	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500	87.5	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
≥ 3000	87.9	91.4	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	88.6	92.1	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.9	92.8	92.8	92.8	92.8
≥ 2000	89.2	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	89.5	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	90.1	94.1	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1200	91.4	95.5	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1000	91.8	96.3	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 900	92.1	96.7	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	92.2	96.8	97.3	97.6	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	92.6	97.3	97.8	98.1	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	92.9	97.7	98.3	98.6	98.8	98.9	98.9	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	93.0	98.0	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	93.1	98.3	98.9	99.2	99.4	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	93.1	98.4	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.1	98.4	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.1	98.4	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.1	98.4	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1766

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.2	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
≥ 20000	72.8	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 18000	72.9	75.0	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 16000	73.0	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 14000	74.3	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 12000	76.9	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 10000	78.6	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	82.0
≥ 9000	78.8	81.5	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
≥ 8000	79.5	82.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 7000	80.1	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	83.9	83.9
≥ 6000	80.8	84.2	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
≥ 5000	81.4	85.1	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4
≥ 4500	81.7	85.5	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 4000	82.2	85.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 3500	82.2	86.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 3000	82.7	86.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 2500	88.6	87.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
≥ 2000	90.1	89.3	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 1800	90.0	91.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 1500	90.9	92.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.9
≥ 1200	93.1	94.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 1000	93.7	95.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 900	94.9	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.3
≥ 800	94.1	95.8	97.1	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
≥ 700	89.4	96.3	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	98.2
≥ 600	89.6	97.1	98.5	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
≥ 500	89.6	97.3	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 400	89.7	97.6	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	99.6
≥ 300	89.7	97.6	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	89.7	97.6	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	89.7	97.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
0	89.7	97.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1773

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03943 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 42-65,67-70 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.0	69.9	66.2	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	75.2	69.7	69.2	69.8	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	74.5	69.9	69.3	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	74.9	69.9	69.4	70.0	70.3	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	75.4	69.9	70.4	71.0	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	77.0	72.7	73.2	73.8	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	78.0	78.3	75.9	76.7	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	78.4	78.7	76.3	77.1	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	71.4	78.7	77.3	78.1	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	72.0	77.9	78.2	79.1	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	72.3	79.5	79.2	80.2	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	73.3	79.4	80.2	81.2	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	73.4	79.6	80.4	81.5	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	74.1	80.3	81.2	82.2	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	74.4	80.5	81.5	82.6	83.0	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	75.0	81.6	82.5	83.6	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	75.8	82.4	83.3	84.3	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	77.2	84.0	84.9	86.0	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	77.9	84.8	85.7	86.8	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	78.4	85.9	87.8	88.9	89.4	89.4	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	81.5	89.3	90.3	91.5	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	82.5	90.9	92.1	93.3	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	82.8	91.4	92.5	93.9	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	83.0	91.7	93.1	94.7	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	83.5	92.0	94.1	95.5	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	84.0	92.8	95.0	96.8	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	84.1	94.0	95.4	97.3	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	84.2	94.3	95.7	97.6	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	84.2	94.3	95.7	97.6	98.8	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.2	94.3	95.7	97.6	98.8	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	84.2	94.3	95.7	97.6	98.8	98.9	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	84.2	94.3	95.7	97.6	98.8	98.9	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1774

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	62.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	67.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	67.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	67.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	69.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	74.3	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	74.8	75.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	75.2	75.7	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
≥ 8000	76.4	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
≥ 7000	76.7	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	77.8	80.1	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	78.3	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	78.7	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	79.2	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	79.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	81.1	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	81.9	84.2	84.4	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
≥ 2000	86.6	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	85.9	88.6	88.7	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	88.0	90.8	91.0	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
≥ 1200	89.9	93.1	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	91.2	94.6	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	91.5	95.1	95.5	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	92.0	95.8	96.2	96.4	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	92.4	96.0	97.4	97.7	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.4	98.5	98.5	98.5	98.5
≥ 600	92.9	97.1	98.1	98.5	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	93.0	97.5	98.3	98.7	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.0	97.5	98.3	98.7	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.1	97.7	98.5	98.8	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	97.7	98.3	98.9	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	97.7	98.3	98.8	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.1	97.7	98.3	98.8	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1716

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03964 | FT WALTERS AAF TEX/MINERAL WELLS | 49-65,67-70 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	70.4	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	70.1	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 16000	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	72.1	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	76.8	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	77.8	78.7	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
≥ 7000	78.8	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	82.3	83.5	83.6	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
≥ 4000	84.3	85.3	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
≥ 3500	85.0	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	87.3	89.2	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
≥ 2500	89.7	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	92.1	93.6	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
≥ 1800	92.7	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	94.0	95.7	95.9	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
≥ 1200	95.3	97.1	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	96.1	98.1	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	96.6	98.2	98.6	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
≥ 800	96.9	98.6	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
≥ 700	96.9	98.6	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
≥ 600	96.9	98.6	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.7
≥ 500	96.9	98.6	99.3	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
≥ 400	96.9	98.6	99.3	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
≥ 300	96.9	98.6	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
≥ 200	96.9	98.6	99.3	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	96.9	98.6	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
≥ 0	96.9	98.6	99.3	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

TOTAL NUMBER OF OBSERVATIONS 1773

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03963 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	83.2	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
≥ 9000	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	86.9	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
≥ 5000	89.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	89.6	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	90.7
≥ 4000	90.9	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
≥ 3500	91.9	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
≥ 3000	93.8	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	94.3	95.6	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
≥ 2000	95.4	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	95.7	97.3	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
≥ 1500	96.2	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	96.6	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
≥ 1000	96.8	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	96.8	98.0	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	97.0	98.8	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.1	98.9	99.2	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
≥ 600	97.3	99.1	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	99.9
≥ 500	97.3	99.1	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
≥ 400	97.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1702

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

039,4 (STATION) ET WILTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	73,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3	74,3
	80,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0	81,0
≥ 18000 ≥ 16000	80,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3
	80,5	81,4	81,5	81,5	81,5	81,5	81,5	81,5	81,5	81,5	81,5	81,5	81,5	81,5	81,5	81,5
≥ 14000 ≥ 12000	81,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2
	82,7	84,3	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0
≥ 10000 ≥ 9000	85,8	87,0	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1
	86,7	88,-	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
≥ 8000 ≥ 7000	87,8	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
	88,5	90,1	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2
≥ 6000 ≥ 5000	89,5	91,3	91,4	91,5	91,5	91,6	91,6	91,6	91,6	91,6	91,6	91,6	91,6	91,6	91,6	91,6
	90,6	92,5	92,6	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
≥ 4500 ≥ 4000	90,9	92,8	92,9	93,1	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2
	91,5	93,5	93,6	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
≥ 3500 ≥ 3000	92,0	94,-	94,2	94,3	94,4	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5
	93,4	95,5	95,6	95,7	95,9	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
≥ 2500 ≥ 2000	93,8	95,9	96,0	96,1	96,3	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4
	94,3	96,5	96,6	96,9	97,1	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,2
≥ 1800 ≥ 1500	94,5	96,8	96,9	97,2	97,3	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5
	94,7	97,1	97,2	97,5	97,6	97,7	97,7	97,7	97,8	97,8	97,8	97,8	97,8	97,8	97,8	97,8
≥ 1200 ≥ 1000	95,3	97,6	97,8	98,0	98,3	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4
	95,7	98,1	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	99,0
≥ 900 ≥ 800	95,7	98,1	98,3	98,6	98,8	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0
	95,8	98,2	98,4	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
≥ 700 ≥ 600	95,8	98,2	98,3	98,8	99,2	99,3	99,4	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5
	95,9	98,3	98,7	99,0	99,3	99,5	99,6	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 500 ≥ 400	95,9	98,3	98,8	99,1	99,5	99,6	99,8	99,8	99,8	99,8	99,8	99,9	99,9	99,9	99,9	99,9
	96,0	98,3	98,9	99,2	99,5	99,7	99,8	99,9	99,9	99,9	99,9	99,9	100,0	100,0	100,0	100,0
≥ 300 ≥ 200	96,0	98,3	98,9	99,2	99,5	99,7	99,8	99,9	99,9	99,9	99,9	99,9	100,0	100,0	100,0	100,0
	96,0	98,4	98,9	99,2	99,5	99,7	99,8	99,9	99,9	99,9	99,9	99,9	100,0	100,0	100,0	100,0
≥ 100 ≥ 0	96,0	98,3	98,9	99,2	99,5	99,7	99,8	99,9	99,9	99,9	99,9	99,9	100,0	100,0	100,0	100,0
	96,0	98,3	98,9	99,2	99,5	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 1729

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2900 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 20000	80.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	80.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 16000	81.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	81.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	83.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	85.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	86.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	87.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	87.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	88.9	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
≥ 5000	89.6	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	89.9	92.6	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
≥ 4000	90.4	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	90.4	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	90.9	94.2	94.4	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
≥ 2500	91.6	94.9	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
≥ 2000	92.1	95.8	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	92.2	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	96.5
≥ 1500	92.5	96.2	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	92.8	96.9	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	93.3	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	93.5	97.7	98.0	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
≥ 800	93.9	98.1	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	93.9	98.1	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	94.1	98.3	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	94.2	98.4	99.0	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	94.2	98.6	99.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.2	98.6	99.1	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
≥ 200	94.3	98.7	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.3	98.7	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	94.3	98.7	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1727

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	73.2	75.2	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
	76.2	78.4	78.4	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9	78.9
≥ 18000 ≥ 16000	76.2	78.4	78.4	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9	78.9
	76.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9
≥ 14000 ≥ 12000	77.2	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.9	79.9
	78.3	80.5	80.5	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 10000 ≥ 9000	79.4	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
	79.9	82.1	82.1	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 8000 ≥ 7000	81.0	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
	81.5	84.0	84.0	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 6000 ≥ 5000	82.2	84.7	84.7	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
	82.7	85.2	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 4500 ≥ 4000	83.7	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1
	84.2	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8
≥ 3500 ≥ 3000	84.9	87.9	88.0	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
	85.9	89.1	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.7	89.7
≥ 2500 ≥ 2000	86.7	89.8	90.0	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
	88.1	91.5	91.7	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1800 ≥ 1500	88.7	92.0	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.0	93.0
	89.5	93.2	93.5	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1200 ≥ 1000	90.6	94.3	95.1	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1
	91.1	95.3	95.9	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 900 ≥ 800	91.5	95.8	96.4	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
	91.8	96.3	97.0	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 700 ≥ 600	91.9	96.4	97.1	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
	92.0	96.5	97.4	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 500 ≥ 400	92.0	96.8	97.6	98.3	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1
	92.1	97.1	97.9	98.7	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6
≥ 300 ≥ 200	92.2	97.2	98.0	98.8	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
	92.2	97.2	98.0	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100 0	92.2	97.2	98.0	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
	92.2	97.2	98.0	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1866

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.4	70.5	70.9	71.0	71.1	71.2	71.3	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.7	72.0
≥ 20000	70.5	72.7	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.9	74.2
≥ 18000	70.5	72.7	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.9	74.2
≥ 16000	70.5	72.7	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.9	74.2
≥ 14000	71.5	73.6	73.9	74.1	74.2	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.8	75.2
≥ 12000	72.7	74.9	75.2	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	76.1	76.4
≥ 10000	74.3	76.6	76.9	77.0	77.2	77.3	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.8	78.1
≥ 9000	74.9	77.2	77.5	77.7	77.8	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.4	78.7
≥ 8000	76.1	78.4	78.7	78.9	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.9
≥ 7000	76.6	79.1	79.5	79.6	79.7	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.4	80.7
≥ 6000	77.4	80.1	80.5	80.6	80.7	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.4	81.7
≥ 5000	78.4	81.3	81.6	81.8	81.9	82.0	82.1	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.5	82.8
≥ 4500	78.8	81.7	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.9	82.9	82.9	82.9	83.1	83.4
≥ 4000	79.8	82.9	83.2	83.4	83.5	83.6	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.1	84.5
≥ 3500	80.3	83.0	83.9	84.1	84.2	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.8	85.1
≥ 3000	81.7	85.1	85.5	85.6	85.7	85.9	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.4	86.7
≥ 2500	82.3	86.0	86.4	86.6	86.7	86.9	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.4	87.7
≥ 2000	84.2	88.1	88.6	88.9	89.0	89.2	89.3	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.7	90.0
≥ 1800	84.7	88.8	89.2	89.5	89.7	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.3	90.7
≥ 1500	86.5	90.9	91.3	91.7	91.9	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.9
≥ 1200	87.7	92.5	93.3	93.9	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.9	94.6	94.6	94.7	95.1
≥ 1000	88.0	93.2	94.1	94.7	94.9	95.1	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.9
≥ 900	88.4	93.8	94.7	95.4	95.5	95.7	95.9	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.3	96.6
≥ 800	88.7	94.1	95.1	95.8	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.7	97.1
≥ 700	89.2	94.6	95.6	96.4	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.6
≥ 600	89.4	95.0	96.0	96.8	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.7	98.1
≥ 500	89.4	95.1	96.1	97.0	97.3	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.6
≥ 400	89.5	95.2	96.3	97.3	97.8	98.0	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.8	99.1
≥ 300	89.7	95.4	96.6	97.6	98.1	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.4
≥ 200	89.7	95.4	96.6	97.7	98.2	98.5	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.7
≥ 100	89.7	95.4	96.6	97.7	98.2	98.5	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.5	99.8
0	89.7	95.4	96.6	97.7	98.2	98.5	98.9	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1906

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 FT WORTH'S AAF TEX/MINERAL WELLS 49-70 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	70.2	84.0	64.3	64.5	64.7	64.7	64.9	65.0	65.0	65.2	65.2	65.2	65.5	65.5	65.6	65.9
≥ 20000	63.4	67.3	68.0	68.3	68.5	68.5	68.7	68.7	68.7	68.9	68.9	68.9	69.2	69.2	69.5	69.7
≥ 18000	63.4	67.6	68.0	68.3	68.5	68.5	68.7	68.7	68.7	68.9	68.9	68.9	69.2	69.2	69.5	69.7
≥ 16000	63.5	67.7	68.1	68.3	68.5	68.5	68.7	68.8	68.8	69.0	69.0	69.0	69.3	69.3	69.5	69.7
≥ 14000	64.7	68.9	69.3	69.5	69.7	69.7	69.9	70.0	70.0	70.2	70.2	70.2	70.5	70.5	70.7	70.9
≥ 12000	65.3	70.2	70.6	70.9	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.9	71.9	72.1	72.3
≥ 10000	67.7	72.2	72.6	73.0	73.2	73.2	73.4	73.4	73.4	73.6	73.6	73.6	73.9	73.9	74.2	74.4
≥ 9000	68.5	73.0	73.4	73.7	73.9	73.9	74.2	74.2	74.2	74.4	74.4	74.4	74.7	74.7	74.9	75.1
≥ 8000	69.9	74.4	74.8	75.1	75.4	75.4	75.6	75.6	75.6	75.8	75.8	75.8	76.1	76.1	76.3	76.6
≥ 7000	70.5	75.3	75.7	76.0	76.2	76.2	76.4	76.5	76.5	76.7	76.7	76.7	77.0	77.0	77.2	77.4
≥ 6000	71.9	77.0	77.4	77.7	77.9	77.9	78.1	78.2	78.2	78.4	78.4	78.4	78.7	78.7	78.9	79.1
≥ 5000	72.7	77.9	78.4	78.6	78.8	78.8	79.0	79.1	79.1	79.3	79.3	79.3	79.6	79.6	79.8	80.0
≥ 4500	73.0	78.1	78.5	78.9	79.1	79.1	79.3	79.3	79.3	79.5	79.5	79.5	79.8	79.8	80.1	80.3
≥ 4000	74.0	79.3	79.7	80.1	80.3	80.3	80.5	80.5	80.5	80.7	80.7	80.7	81.0	81.0	81.3	81.5
≥ 3500	74.8	80.2	80.6	80.9	81.1	81.1	81.3	81.4	81.4	81.6	81.6	81.6	81.9	81.9	82.1	82.3
≥ 3000	75.9	81.5	81.9	82.2	82.3	82.5	82.7	82.8	82.8	83.0	83.0	83.0	83.3	83.3	83.5	83.7
≥ 2500	77.2	82.9	83.3	83.7	83.9	83.9	84.1	84.2	84.2	84.4	84.4	84.4	84.8	84.8	85.0	85.2
≥ 2000	78.8	84.7	85.1	85.6	85.8	85.8	86.1	86.2	86.2	86.4	86.4	86.4	86.7	86.7	86.9	87.1
≥ 1800	79.4	85.4	85.8	86.3	86.5	86.5	86.7	86.8	86.8	87.0	87.0	87.0	87.4	87.4	87.6	87.8
≥ 1500	80.7	87.0	87.7	88.3	88.5	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.4	89.4	89.6	89.8
≥ 1200	82.4	89.3	90.0	90.5	90.9	90.9	91.2	91.3	91.3	91.5	91.5	91.5	91.8	91.8	92.0	92.2
≥ 1000	83.4	90.6	91.3	92.0	92.4	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.4	93.4	93.7	93.9
≥ 900	83.8	91.1	92.0	92.9	93.3	93.4	93.6	93.9	93.8	94.0	94.0	94.0	94.3	94.3	94.6	94.8
≥ 800	84.3	92.0	92.8	93.7	94.2	94.3	94.6	94.8	94.8	95.0	95.0	95.0	95.3	95.3	95.6	95.8
≥ 700	84.6	92.5	93.3	94.4	94.9	94.9	95.4	95.6	95.6	95.8	95.8	95.8	96.1	96.1	96.3	96.6
≥ 600	85.0	93.0	93.8	94.9	95.5	95.7	96.1	96.3	96.3	96.6	96.6	96.6	96.9	96.9	97.1	97.3
≥ 500	85.1	93.2	93.9	95.0	95.8	95.9	96.4	96.7	96.7	97.0	97.1	97.1	97.4	97.4	97.7	97.9
≥ 400	85.2	93.3	94.1	95.3	96.2	96.4	97.1	97.3	97.3	97.7	97.8	97.8	98.1	98.1	98.4	98.6
≥ 300	85.2	93.3	94.2	95.4	96.3	96.5	97.3	97.5	97.5	97.9	98.0	98.0	98.4	98.4	98.7	98.9
≥ 200	85.2	93.4	94.3	95.5	96.5	96.7	97.6	97.9	97.9	98.3	98.4	98.4	98.8	98.8	99.2	99.4
≥ 100	85.2	93.4	94.3	95.5	96.5	96.7	97.6	97.9	97.9	98.3	98.4	98.4	98.9	98.9	99.3	99.7
≥ 0	85.2	93.4	94.3	95.5	96.5	96.7	97.6	97.9	97.9	98.3	98.4	98.4	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1915

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.8	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	66.8	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
≥ 18000	66.8	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
≥ 16000	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	67.6	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7
≥ 12000	69.1	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
≥ 10000	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	72.6	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7
≥ 8000	73.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 7000	74.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	75.7	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
≥ 5000	76.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 4500	76.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
≥ 4000	77.5	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 3500	78.1	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	79.9	79.9
≥ 3000	79.4	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
≥ 2500	81.1	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 2000	84.6	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 1800	84.1	85.8	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	86.3	88.1	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	88.5	90.3	91.0	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 1000	89.6	92.2	92.8	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	90.0	93.4	94.0	94.4	94.5	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	90.8	93.7	94.4	95.1	95.2	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	91.4	94.2	94.9	95.7	95.9	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 600	91.9	94.8	95.8	96.5	96.8	96.9	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 500	92.1	95.5	96.7	97.5	98.0	98.1	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8
≥ 400	92.1	95.6	96.8	97.7	98.2	98.3	98.5	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	92.1	95.8	97.0	97.9	98.5	98.7	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	92.1	95.8	97.0	97.9	98.6	98.7	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	92.1	95.8	97.0	97.9	98.6	98.7	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0	92.1	95.8	97.0	97.9	98.6	98.7	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1914

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 | FT WORTH NAS FTW/MINERAL WELLS | 49-70 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.1	66.3	66.3	66.4	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000 ≥ 16000	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	71.1	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	71.4
≥ 14000 ≥ 12000	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	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	74.4	74.4	74.4
≥ 10000 ≥ 9000	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000 ≥ 7000	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000 ≥ 5000	80.4	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
	81.3	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500 ≥ 4000	81.4	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	82.4	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500 ≥ 3000	83.5	84.1	84.2	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
	86.8	86.7	86.8	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
≥ 2500 ≥ 2000	87.0	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
	90.9	91.9	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
≥ 1800 ≥ 1500	91.0	92.6	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
	92.8	93.8	94.0	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
≥ 1200 ≥ 1000	94.0	94.6	95.0	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
	96.0	96.8	96.8	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
≥ 900 ≥ 800	96.9	96.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	96.9	96.9	97.0	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700 ≥ 600	97.2	97.6	97.7	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
	98.7	97.7	98.5	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
≥ 500 ≥ 400	98.7	97.9	98.6	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
	98.7	97.9	98.6	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	98.7	97.8	98.6	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	98.7	97.8	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100 0	98.7	97.8	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	98.7	97.8	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1913

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03945 | FT WORTH AAF TEX/MINERAL WELLS | 49-70 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 9000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	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
≥ 7000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	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	91.3	91.3	91.3
≥ 3000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	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	96.3	96.3	96.3
≥ 1200	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	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
≥ 800	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	98.8	98.8	98.8	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
≥ 600	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.3	99.3	99.3	99.3	99.5	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.4	99.4	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.4	99.5	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.5	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.5	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1911

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13943 STATION | FT WORTH/ARL TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	79.5	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	79.6	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	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	81.5	81.5	81.5
≥ 12000	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	84.9	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	85.0	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000	86.9	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	87.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	88.8	89.4	89.4	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
≥ 5000	89.4	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	89.6	90.7	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	91.0
≥ 4000	90.8	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	91.4	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	92.3	93.4	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
≥ 2500	92.9	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	93.5	94.8	94.9	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
≥ 1800	93.8	95.2	95.3	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	94.0	95.6	95.7	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
≥ 1200	94.6	96.1	96.4	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
≥ 1000	94.7	96.4	96.6	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
≥ 900	94.8	96.6	96.7	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
800	95.3	97.1	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	95.4	97.1	97.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	95.8	97.7	98.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	95.8	97.7	98.0	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	96.9	97.8	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.9	97.3	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	95.9	97.8	98.2	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	95.9	97.3	98.2	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	95.9	97.3	98.2	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 1843

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03943 (STATION) FT WALTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 20000	79.6	80.6	80.6	80.6	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	79.7	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	81.0	81.0
≥ 16000	80.0	81.2	81.2	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
≥ 14000	81.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 12000	82.2	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	83.8	85.1	85.1	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
≥ 9000	84.0	85.3	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	85.4
≥ 8000	85.7	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	86.4	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	87.0	88.3	88.5	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
≥ 5000	87.9	89.2	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
≥ 4500	88.8	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	89.7	90.9	90.9	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
≥ 3500	89.9	91.2	91.2	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
≥ 3000	90.7	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	90.9	92.0	92.0	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	91.5	92.5	93.6	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	91.6	93.9	94.0	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
≥ 1500	92.3	94.7	94.8	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	93.2	95.4	95.6	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	93.5	95.8	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	93.8	95.1	96.3	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	94.1	96.5	96.9	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	94.3	96.9	97.4	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
≥ 600	94.3	96.9	97.5	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
≥ 500	94.4	97.1	97.7	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 400	94.5	97.2	97.9	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 300	94.5	97.3	98.0	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	94.6	97.3	98.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	94.6	97.3	98.0	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	94.6	97.3	98.0	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1821

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03962 FT WALTERS AAF, TEX/MINERAL WELLS 49-69 NOV
STATION STATION NAME YEARS 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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	67.7	69.3	69.4	69.5	69.8	70.0	70.0	70.0	70.0	70.3	70.3	70.3	70.4	70.4	70.5	70.7
≥ 20000	71.4	72.9	73.0	73.4	73.7	73.8	73.8	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.6
≥ 18000	71.4	72.8	73.0	73.4	73.7	73.8	73.8	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.6
≥ 16000	71.4	72.8	73.0	73.4	73.7	73.8	73.8	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.6
≥ 14000	71.9	73.3	73.5	73.9	74.2	74.3	74.3	74.3	74.3	74.6	74.7	74.7	74.8	74.8	74.9	75.1
≥ 12000	73.6	75.1	75.5	75.9	76.2	76.3	76.3	76.3	76.3	76.7	76.7	76.7	76.8	76.8	76.9	77.1
≥ 10000	75.2	76.8	77.0	77.4	77.7	77.8	77.8	77.8	77.8	78.2	78.3	78.3	78.4	78.4	78.4	78.7
≥ 9000	75.7	77.3	77.4	77.8	78.1	78.3	78.3	78.3	78.3	78.6	78.7	78.7	78.8	78.8	78.9	79.1
≥ 8000	76.3	78.1	78.1	78.6	78.9	79.0	79.0	79.0	79.0	79.3	79.4	79.4	79.5	79.5	79.6	79.8
≥ 7000	76.6	78.3	78.4	78.9	79.1	79.3	79.3	79.3	79.3	79.6	79.7	79.7	79.8	79.8	79.9	80.1
≥ 6000	77.4	79.1	79.3	79.7	80.0	80.1	80.1	80.1	80.1	80.5	80.5	80.5	80.6	80.6	80.7	80.9
≥ 5000	79.0	80.9	81.0	81.5	81.8	81.9	81.9	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.5	82.7
≥ 4500	79.6	81.7	81.9	82.3	82.6	82.7	82.7	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.3	83.5
≥ 4000	80.5	82.6	82.8	83.2	83.5	83.6	83.6	83.6	83.6	84.0	84.1	84.1	84.2	84.2	84.2	84.5
≥ 3500	81.1	83.2	83.4	83.8	84.1	84.2	84.2	84.2	84.2	84.6	84.7	84.7	84.8	84.8	84.8	85.1
≥ 3000	81.8	84.1	84.3	84.7	85.0	85.1	85.1	85.1	85.1	85.5	85.5	85.5	85.7	85.7	85.7	86.0
≥ 2500	82.6	85.0	85.2	85.6	85.9	86.0	86.0	86.0	86.0	86.4	86.4	86.4	86.6	86.6	86.6	86.8
≥ 2000	84.5	87.1	87.3	87.9	88.2	88.3	88.3	88.3	88.3	88.6	88.7	88.7	88.8	88.8	88.9	89.1
≥ 1800	85.0	87.7	88.1	88.6	88.9	89.0	89.0	89.0	89.0	89.3	89.4	89.4	89.5	89.5	89.6	89.8
≥ 1500	85.8	88.6	89.0	89.4	89.9	90.0	90.0	90.0	90.0	90.4	90.5	90.5	90.6	90.6	90.6	90.9
≥ 1200	86.6	89.4	90.0	90.4	90.9	91.2	91.4	91.5	91.5	91.8	91.9	91.9	92.0	92.0	92.1	92.3
≥ 1000	87.1	91.1	91.5	92.1	92.5	92.6	92.7	92.7	92.7	93.1	93.1	93.1	93.2	93.2	93.3	93.5
≥ 900	87.3	91.6	92.1	92.7	93.1	93.2	93.4	93.4	93.4	93.7	93.8	93.8	93.9	93.9	94.0	94.2
≥ 800	87.6	92.2	92.7	93.3	93.7	93.8	94.0	94.0	94.0	94.4	94.4	94.4	94.5	94.5	94.5	94.8
≥ 700	88.0	92.5	93.1	93.7	94.1	94.2	94.4	94.4	94.4	94.7	94.8	94.8	94.9	94.9	95.0	95.2
≥ 600	88.2	92.8	93.7	94.5	94.9	95.0	95.2	95.2	95.2	95.6	95.6	95.6	95.7	95.7	95.8	96.0
≥ 500	88.4	93.1	94.0	95.0	95.4	95.5	95.7	95.7	95.7	96.1	96.1	96.1	96.3	96.3	96.3	96.6
≥ 400	88.7	93.4	94.3	95.7	96.2	96.3	96.7	96.7	96.7	97.1	97.1	97.1	97.2	97.2	97.3	97.5
≥ 300	88.8	93.4	94.4	95.8	96.5	96.7	97.1	97.2	97.2	97.5	97.6	97.6	97.7	97.7	97.7	98.0
≥ 200	88.8	93.4	94.4	95.9	96.7	96.9	97.3	97.4	97.4	97.8	98.1	98.1	98.2	98.2	98.3	98.6
≥ 100	88.8	93.4	94.4	95.9	96.7	96.9	97.3	97.4	97.4	97.8	98.1	98.1	98.2	98.2	98.3	98.6
≥ 0	88.8	93.4	94.4	95.9	96.7	96.9	97.3	97.4	97.4	97.8	98.1	98.1	98.2	98.2	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS 1683

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | FT WORTH/FT WORTH MEACHAM FIELD/TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	[illegible]	67.9	67.7	68.0	68.1	68.4	68.4	68.4	68.7	68.7	68.7	68.8	69.8	69.1	69.9
≥ 20000	[illegible]	[illegible]	71.6	71.7	72.1	72.1	72.4	72.5	72.5	72.7	72.7	72.7	72.9	72.9	73.1	73.9
≥ 18000	68.5	71.2	71.4	71.7	72.1	72.1	72.4	72.5	72.5	72.7	72.7	72.7	72.9	72.9	73.1	73.9
≥ 16000	68.5	71.2	71.4	71.7	72.1	72.1	72.4	72.5	72.5	72.7	72.7	72.7	72.9	72.9	73.1	73.9
≥ 14000	68.8	71.5	71.7	71.9	72.3	72.4	72.7	72.7	72.7	73.0	73.0	73.0	73.1	73.1	73.4	73.8
≥ 12000	70.0	72.7	72.9	73.1	73.5	73.6	73.9	73.9	73.9	74.2	74.2	74.2	74.3	74.3	74.6	75.0
≥ 10000	71.2	73.8	74.1	74.4	74.8	74.8	75.1	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.9	76.3
≥ 9000	71.6	74.4	74.8	75.2	75.6	75.6	75.9	76.0	76.0	76.2	76.2	76.2	76.4	76.4	76.7	77.1
≥ 8000	71.9	74.7	75.0	75.3	75.8	75.8	76.1	76.2	76.2	76.4	76.4	76.4	76.6	76.6	76.9	77.3
≥ 7000	72.0	74.8	75.2	75.6	76.0	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.8	76.8	77.1	77.5
≥ 6000	73.1	75.9	76.3	76.6	77.0	77.1	77.4	77.5	77.5	77.7	77.7	77.7	77.9	77.9	78.2	78.5
≥ 5000	73.5	76.3	76.8	77.1	77.5	77.6	77.9	78.0	78.0	78.2	78.2	78.2	78.4	78.4	78.7	79.1
≥ 4500	74.8	77.6	78.1	78.6	79.1	79.2	79.5	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.4	80.8
≥ 4000	76.1	79.0	79.5	80.0	80.7	80.7	81.1	81.1	81.1	81.4	81.4	81.4	81.5	81.5	81.8	82.2
≥ 3500	76.7	80.2	80.6	80.9	81.4	81.4	81.8	81.8	81.8	82.1	82.1	82.1	82.2	82.2	82.5	82.9
≥ 3000	77.4	81.2	81.5	81.9	82.3	82.4	82.7	82.8	82.8	83.0	83.0	83.0	83.2	83.2	83.5	83.9
≥ 2500	78.0	82.2	82.6	83.1	83.6	83.6	84.0	84.0	84.0	84.3	84.3	84.4	84.4	84.4	84.7	85.1
≥ 2000	78.3	82.5	82.9	83.4	83.8	83.9	84.2	84.3	84.3	84.5	84.5	84.6	84.7	84.7	85.0	85.4
≥ 1800	78.8	83.0	83.5	86.0	86.4	86.5	86.9	86.9	86.9	87.2	87.2	87.2	87.3	87.3	87.6	88.0
≥ 1500	79.1	83.3	87.5	87.8	88.2	88.4	88.8	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.5	89.9
≥ 1200	82.7	86.9	88.8	89.3	89.7	89.8	90.2	90.2	90.2	90.5	90.5	90.5	90.6	90.6	90.9	91.3
≥ 1000	83.0	87.4	89.2	89.7	90.2	90.3	90.6	90.7	90.7	90.9	90.9	90.9	91.1	91.1	91.4	91.8
≥ 900	83.4	87.8	89.9	90.5	91.0	91.1	91.5	91.5	91.5	91.8	91.8	91.8	91.9	91.9	92.2	92.6
≥ 800	83.6	88.0	90.1	90.6	91.2	91.3	91.8	91.8	91.8	92.1	92.1	92.1	92.2	92.2	92.5	93.0
≥ 700	84.1	88.5	91.0	91.5	92.0	92.1	92.5	92.6	92.6	92.8	92.8	92.8	93.0	93.0	93.4	93.8
≥ 600	84.3	88.7	91.2	91.7	92.4	92.6	93.0	93.0	93.0	93.3	93.3	93.3	93.4	93.4	93.7	94.2
≥ 500	84.7	89.1	91.6	92.0	92.9	93.0	93.4	93.4	93.4	93.7	93.7	93.7	93.8	93.8	94.2	94.6
≥ 400	84.9	89.3	91.8	92.3	93.2	93.3	93.7	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.5	95.0
≥ 300	85.0	89.4	92.0	92.5	93.4	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.7	95.2
≥ 200	85.0	89.4	92.0	92.5	93.4	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.7	95.2
≥ 100	85.0	89.4	92.0	92.5	93.4	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.7	95.2
0	85.0	89.4	92.0	92.5	93.4	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.7	95.2

TOTAL NUMBER OF OBSERVATIONS 1761

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03944 STATION | FT WORTH MEACHAM FLD/MUNICIPAL ARPT STATION NAME | 49-70 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0600 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.2	60.1	60.8	61.2	61.5	61.5	61.6	61.7	61.7	61.8	61.8	61.9	62.1	62.1	62.2	62.6
≥ 20000	7.1	60.1	60.9	61.4	61.8	61.8	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.1	62.2	62.7
≥ 18000	7.1	64.2	65.0	65.4	65.6	65.7	65.8	65.9	65.9	66.0	66.0	66.1	66.4	66.4	66.4	67.0
≥ 16000	7.2	60.3	62.0	65.5	65.7	65.7	65.9	65.9	65.9	66.1	66.1	66.1	66.5	66.5	66.5	67.1
≥ 14000	7.9	62.8	65.7	66.2	66.4	66.5	66.6	66.6	66.6	66.8	66.8	66.9	67.2	67.2	67.6	67.8
≥ 12000	7.7	62.9	66.8	67.3	67.6	67.6	67.7	67.8	67.8	68.0	68.0	68.1	68.3	68.3	68.7	68.9
≥ 10000	9.2	67.1	68.7	69.2	69.4	69.5	69.6	69.7	69.7	69.8	69.8	69.9	70.2	70.2	70.6	70.8
≥ 9000	14.0	67.4	69.3	69.8	70.1	70.2	70.3	70.3	70.3	70.5	70.5	70.6	70.9	70.9	71.3	71.5
≥ 8000	16.6	71.2	71.1	71.6	71.9	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.7	72.7	73.2	73.4
≥ 7000	17.0	71.3	72.1	72.8	73.1	73.1	73.2	73.3	73.3	73.5	73.5	73.6	73.8	73.8	74.3	74.6
≥ 6000	23.4	71.7	72.7	73.4	73.7	73.7	73.8	73.9	73.9	74.1	74.1	74.1	74.4	74.4	74.9	75.2
≥ 5000	23.4	71.7	74.1	74.7	75.0	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.8	75.8	76.3	76.5
≥ 4500	9.7	73.6	74.5	75.2	75.4	75.5	75.6	75.7	75.7	75.8	75.8	75.8	76.2	76.2	76.7	76.9
≥ 4000	10.0	74.0	75.5	76.1	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.9	77.2	77.2	77.7	77.9
≥ 3500	21.4	75.6	76.3	77.0	77.3	77.4	77.5	77.5	77.5	77.7	77.7	77.7	78.1	78.1	78.6	78.8
≥ 3000	22.5	76.7	77.5	78.2	78.5	78.6	78.7	78.8	78.8	79.0	79.0	79.1	79.4	79.4	79.8	80.1
≥ 2500	24.1	78.1	79.1	79.8	80.1	80.2	80.3	80.4	80.4	80.6	80.6	80.7	80.9	80.9	81.4	81.7
≥ 2000	25.1	80.0	81.1	81.8	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.6	83.0	83.0	83.5	83.7
≥ 1800	29.6	81.6	81.7	82.4	82.8	82.9	83.0	83.1	83.1	83.3	83.3	83.3	83.6	83.6	84.1	84.4
≥ 1500	29.5	81.7	83.9	84.9	85.4	85.4	85.6	85.6	85.6	85.8	85.8	85.9	86.2	86.2	86.7	86.9
≥ 1200	29.1	84.7	86.9	87.1	87.6	87.6	87.8	87.9	87.9	88.2	88.2	88.2	88.5	88.5	89.0	89.2
≥ 1000	29.5	85.6	86.8	88.1	88.6	88.7	89.0	89.0	89.1	89.3	89.3	89.4	89.7	89.7	90.2	90.4
≥ 900	30.2	86.1	87.4	88.7	89.3	89.4	89.6	89.9	89.9	90.2	90.2	90.2	90.6	90.6	91.1	91.3
≥ 800	30.2	86.4	88.1	89.4	90.0	90.2	90.6	90.7	90.7	91.0	91.0	91.0	91.5	91.5	92.0	92.2
≥ 700	30.7	87.0	88.8	90.1	90.9	91.0	91.0	91.8	91.9	92.1	92.1	92.1	92.6	92.6	93.1	93.3
≥ 600	30.8	87.2	89.0	90.5	91.4	91.6	92.2	92.3	92.6	92.9	92.9	92.9	93.3	93.3	93.8	94.1
≥ 500	31.8	87.4	89.3	91.0	92.1	92.5	93.4	93.6	93.6	94.1	94.1	94.1	94.5	94.5	95.0	95.3
≥ 400	31.9	87.5	89.7	91.4	92.9	93.2	94.4	94.5	94.6	95.1	95.1	95.2	95.6	95.6	96.1	96.4
≥ 300	31.9	87.6	89.7	91.6	93.0	93.9	95.2	95.4	95.4	95.9	96.1	96.1	96.6	96.6	97.2	97.5
≥ 200	31.9	87.6	89.8	91.6	93.2	94.1	95.5	95.8	95.8	96.3	96.5	96.5	97.1	97.1	97.8	98.1
≥ 100	31.9	87.7	89.8	91.7	93.2	94.1	95.6	95.8	95.9	96.4	96.6	96.7	97.2	97.2	98.0	98.3
0	31.9	87.8	89.8	91.7	93.2	94.1	95.6	95.8	95.9	96.4	96.6	96.7	97.2	97.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1316

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | FT WORTH NAS JRB/MINERAL WELLS STATION NAME | 69-70 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6
≥ 20000	[illegible]	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.9	67.0
≥ 18000	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	67.0	67.1
≥ 16000	[illegible]	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.1	67.2
≥ 14000	66.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.2	68.2
≥ 12000	[illegible]	68.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.8	68.9
≥ 10000	69.4	70.6	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.5	71.6
≥ 9000	69.9	71.2	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.8	72.0	72.0
≥ 8000	70.8	72.1	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	73.0	73.0
≥ 7000	71.4	72.8	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.7	73.7
≥ 6000	72.4	74.0	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	75.1	75.1
≥ 5000	73.3	74.9	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9	76.0	76.1	76.1
≥ 4500	73.6	74.2	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.3	76.4
≥ 4000	74.8	75.5	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.3	77.4	77.4	77.6	77.6
≥ 3500	75.6	77.3	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.5
≥ 3000	76.8	78.5	78.9	79.1	79.4	79.5	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.7	79.8
≥ 2500	78.4	80.2	80.5	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.3	81.4
≥ 2000	[illegible]	82.3	[illegible]	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.5	83.6
≥ 1800	84.1	84.2	84.5	84.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.5	84.5
≥ 1500	[illegible]	86.1	86.3	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.6	87.6
≥ 1200	86.4	88.2	88.5	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.9	89.9
≥ 1000	[illegible]	89.4	89.9	90.4	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.4	91.5
≥ 900	[illegible]	90.9	90.4	91.0	91.5	91.6	91.6	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.3
≥ 800	[illegible]	[illegible]	91.0	91.4	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	93.1	93.1
≥ 700	87.3	91.2	91.7	92.6	93.3	93.4	93.7	91.8	93.8	93.8	93.8	93.8	93.9	93.9	94.2	94.2
≥ 600	[illegible]	91.6	92.3	93.4	94.2	94.4	94.7	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.3	95.3
≥ 500	87.8	92.2	94.3	94.5	95.9	96.1	96.7	96.9	96.9	97.0	97.1	97.1	97.4	97.4	97.6	97.6
≥ 400	[illegible]	92.4	94.6	94.9	96.3	96.5	97.5	97.9	97.9	98.0	98.2	98.2	98.3	98.3	98.4	98.9
≥ 300	87.9	92.4	94.6	94.9	96.5	96.8	97.7	98.2	98.2	98.4	98.6	98.6	99.1	99.1	99.5	99.6
≥ 200	[illegible]	92.4	94.6	94.9	96.5	96.8	97.8	98.2	98.2	98.5	98.6	98.6	99.2	99.2	99.7	99.8
≥ 100	87.9	92.4	94.6	94.9	96.5	96.8	97.8	98.2	98.2	98.5	98.6	98.6	99.3	99.3	99.8	99.9
≥ 0	[illegible]	92.4	94.6	94.9	96.5	96.8	97.8	98.2	98.2	98.5	98.6	98.6	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1816

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03964 | FT WORTH AAF TEX/MINERAL WELLS | 49-70 | NOV
STATION | STATION NAME | YEARS | 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.4	62.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	70.6	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	70.7	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	70.7	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	71.6	71.8	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	73.2	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	74.6	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	75.2	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	77.6	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	77.4	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	78.3	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	78.8	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	79.9	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	1.0	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	82.7	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	84.7	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	86.7	87.8	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	87.1	88.6	88.7	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	90.0	90.3	90.4	90.4	90.6	90.6	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	91.4	91.7	91.9	92.0	92.4	92.4	92.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	93.5	94.1	93.4	93.5	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	94.9	95.0	94.1	94.3	94.9	95.0	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	96.2	96.2	96.0	96.8	95.8	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	96.3	96.6	96.9	95.4	96.4	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	96.6	96.7	95.7	95.8	96.9	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	97.7	98.0	98.4	96.1	97.3	97.7	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	98.6	98.8	95.4	96.5	97.9	98.3	99.0	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 300	98.7	98.4	95.9	96.7	98.1	98.5	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.8	98.4	95.9	96.7	98.2	98.5	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	98.8	98.4	95.9	96.7	98.2	98.5	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0
0	98.8	98.4	95.9	96.7	98.2	98.5	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1819

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03924 | FT WALTER AAF TEX/MINERAL WELLS | 49-70 | NOV

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.4	65.6	65.6	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	77.3	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	75.0	74.0	74.0	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	78.8	74.2	74.2	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	75.1	75.5	75.5	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	78.6	77.0	77.0	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	78.7	79.2	79.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	79.1	79.6	79.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	79.6	80.2	80.2	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	80.9	81.2	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	81.4	82.2	82.2	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	83.3	84.2	84.2	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	83.8	84.5	84.5	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	84.9	85.1	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	85.4	86.6	86.7	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	86.3	87.6	87.8	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	87.6	89.0	89.2	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	88.4	90.3	90.5	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	89.5	91.1	91.3	91.7	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	90.4	92.2	92.4	92.7	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	91.3	93.1	93.7	94.1	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	91.8	94.1	94.5	95.1	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	91.9	94.3	94.8	95.5	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	92.4	95.1	95.5	96.3	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	92.7	95.4	96.0	96.8	97.3	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	92.8	95.7	96.3	97.2	98.0	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	92.9	95.9	96.6	97.6	98.4	98.5	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	92.9	95.9	96.6	97.6	98.4	98.5	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	92.9	95.9	96.6	97.6	98.4	98.5	99.0	99.2	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	92.9	95.9	96.6	97.6	98.4	98.5	99.0	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	92.9	95.9	96.6	97.6	98.4	98.5	99.0	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	92.9	95.9	96.6	97.6	98.4	98.5	99.0	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1810

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

[illegible] STATION | FT WORTH AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1801-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	[illegible] 70.1	[illegible] 77.1	[illegible] 77.2	70.1 77.4	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5	70.3 77.5
≥ 18000 ≥ 16000	76.1 [illegible]	77.1 77.4	77.3 77.5	77.4 77.7	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9	77.6 77.9
≥ 14000 ≥ 12000	77.3 [illegible]	[illegible] [illegible]	74.5 [illegible]	78.0 80.6	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8
≥ 10000 ≥ 9000	[illegible] [illegible]	81.0 82.3	82.0 82.5	82.2 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7	82.4 82.7
≥ 8000 ≥ 7000	[illegible] [illegible]	83.1 83.8	83.2 84.0	83.4 84.2	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4	83.6 84.4
≥ 6000 ≥ 5000	85.5 [illegible]	86.3 [illegible]	85.0 86.4	85.2 86.7	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8	85.4 86.8
≥ 4500 ≥ 4000	[illegible] [illegible]	87.4 87.7	87.1 87.8	87.3 88.0	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2
≥ 3500 ≥ 3000	[illegible] [illegible]	[illegible] [illegible]	[illegible] 89.1	88.4 89.3	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5
≥ 2500 ≥ 2000	[illegible] [illegible]	[illegible] [illegible]	90.4 91.7	90.7 92.0	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2	90.8 92.2
≥ 1800 ≥ 1500	[illegible] [illegible]	[illegible] [illegible]	92.1 92.9	92.4 93.3	92.6 93.5	92.6 93.5	92.7 93.5	92.7 93.5	92.7 93.5	92.7 93.5	92.7 93.5	92.7 93.5	92.7 93.5	92.7 93.5	92.7 93.5	92.7 93.5
≥ 1200 ≥ 1000	[illegible] [illegible]	[illegible] [illegible]	93.9 94.7	94.4 95.4	94.7 95.6	94.7 95.6	94.7 95.8	94.7 95.8	94.7 95.8	94.7 95.8	94.7 95.8	94.7 95.8	94.7 95.8	94.7 95.8	94.7 95.8	94.7 95.8
≥ 900 ≥ 800	[illegible] [illegible]	[illegible] [illegible]	94.9 95.7	95.5 96.0	95.8 96.2	95.8 96.3	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4
≥ 700 ≥ 600	[illegible] [illegible]	[illegible] [illegible]	95.6 96.2	96.3 96.9	96.5 97.4	96.6 97.4	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7
≥ 500 ≥ 400	[illegible] [illegible]	[illegible] [illegible]	96.4 96.9	97.1 97.8	97.9 98.4	97.9 98.5	98.2 98.7	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8
≥ 300 ≥ 200	[illegible] [illegible]	[illegible] [illegible]	97.1 97.1	98.0 98.1	98.6 98.7	98.7 98.8	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4
≥ 100 0	[illegible] [illegible]	[illegible] [illegible]	97.1 97.1	98.1 98.1	98.7 98.7	98.8 98.9	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23343	FT WORTH, AAF TEX/ARLINGTON HELLS	49-70	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.5	71.6	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 20000	75.1	76.3	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 18000	75.1	76.3	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 16000	75.2	76.4	76.4	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	75.7	77.0	77.0	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000	77.9	79.1	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	79.2	80.4	80.5	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	79.4	80.7	80.7	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 8000	79.9	81.1	81.2	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 7000	80.3	81.7	81.8	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 6000	80.6	82.1	82.2	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 5000	81.8	83.7	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 4500	82.5	84.4	84.5	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 4000	83.4	85.3	85.5	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 3500	84.4	86.4	86.6	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 3000	85.9	87.9	88.1	88.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.8	88.8	88.8
≥ 2500	86.9	88.8	88.8	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 2000	87.7	90.0	90.2	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 1800	88.1	90.5	90.7	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	88.6	91.0	91.2	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 1200	89.5	92.0	92.2	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	90.4	92.9	93.3	93.6	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 900	90.8	93.4	93.7	94.1	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 800	90.9	93.4	93.8	94.3	94.7	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	91.0	93.8	94.1	94.7	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	91.2	94.1	94.6	95.3	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 500	91.2	94.4	95.0	95.8	96.3	96.4	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	91.4	94.8	95.6	96.7	97.4	97.7	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	91.4	94.8	95.8	97.1	98.1	98.4	98.5	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0
≥ 200	91.4	94.8	95.9	97.2	98.3	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.5
≥ 100	91.4	94.8	95.9	97.2	98.3	98.5	98.8	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7
0	91.4	94.8	95.9	97.2	98.3	98.5	98.8	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1717

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | FT WORTH MAP TEX/DFW/DAL/DFW/MINERAL WELLS STATION NAME | 49-69 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	63.8	64.5	64.9	65.0	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
	67.7	69.3	69.5	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 18000 ≥ 16000	67.9	69.2	69.5	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
	66.0	69.3	69.6	69.8	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 14000 ≥ 12000	68.8	70.0	70.4	70.6	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2
	69.3	70.8	70.9	71.1	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
≥ 10000 ≥ 9000	70.1	71.3	71.7	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
	70.9	72.1	72.5	72.6	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 8000 ≥ 7000	72.1	73.3	73.7	73.9	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
	72.7	74.0	74.3	74.5	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 6000 ≥ 5000	73.4	74.7	75.0	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
	74.4	75.8	76.2	76.3	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 4500 ≥ 4000	74.7	76.2	76.6	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
	75.4	77.5	77.9	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.7
≥ 3500 ≥ 3000	77.1	78.7	79.1	79.3	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0
	78.5	80.4	80.7	80.9	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.6
≥ 2500 ≥ 2000	80.0	81.9	82.3	82.5	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.2
	82.2	84.8	85.2	85.4	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1
≥ 1800 ≥ 1500	82.9	85.7	86.6	86.8	86.9	86.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.5
	84.0	86.7	87.6	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.3
≥ 1200 ≥ 1000	85.7	88.6	89.3	89.5	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
	86.4	89.3	90.1	90.5	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 900 ≥ 800	88.0	90.9	91.8	91.7	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1
	89.1	91.9	91.7	92.1	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.7	93.0
≥ 700 ≥ 600	89.4	91.3	92.2	92.4	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	91.5	93.5	93.6
	89.6	91.6	92.6	93.0	93.3	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.2
≥ 500 ≥ 400	91.0	92.2	93.1	93.5	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.4
	91.0	92.3	93.3	94.2	94.8	95.2	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2
≥ 300 ≥ 200	92.6	92.8	93.6	94.7	95.5	96.1	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.3
	92.8	92.9	93.9	94.8	95.6	96.1	97.3	97.5	97.5	97.6	97.8	97.8	97.8	97.5	97.8	97.9
≥ 100 0	92.8	92.9	93.9	94.8	95.6	96.1	97.4	97.5	97.5	98.1	98.1	98.1	98.4	98.4	98.4	98.9
	92.8	92.9	93.9	94.8	95.6	96.1	97.4	97.5	97.5	98.1	98.1	98.1	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1629

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(3941) STATION | FT WORTH/BARKSDALE AFB, TEX/MINERAL WELLS STATION NAME | 49-69 YEARS | DEC 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.7	63.4	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 20000	4.0	66.7	67.3	67.7	67.8	67.8	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 18000	64.3	67.1	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 16000	64.3	67.1	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	65.0	67.8	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	65.7	68.8	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 10000	66.7	69.5	70.1	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	67.1	69.9	70.5	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 8000	67.8	70.6	71.1	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 7000	68.1	71.1	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 6000	69.0	71.8	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 5000	69.8	72.7	73.4	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	70.3	73.3	74.0	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 4000	71.3	74.4	75.2	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 3500	72.4	75.3	76.1	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	73.1	76.9	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 2500	74.9	78.3	79.1	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 2000	77.4	80.9	81.7	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.8
≥ 1800	78.3	81.8	82.6	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.9
≥ 1500	79.5	83.3	84.4	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1200	81.5	85.0	86.2	86.7	87.0	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 1000	82.4	86.1	87.4	88.1	88.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 900	82.8	86.5	87.9	88.6	89.0	90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.5
≥ 800	82.9	86.7	88.1	88.9	89.3	90.4	90.5	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0
≥ 700	83.2	86.9	88.4	89.2	89.6	91.0	91.3	91.6	91.8	92.0	92.0	92.1	92.0	92.0	92.1	92.1
≥ 600	83.4	87.1	88.6	89.4	89.8	91.3	91.6	92.1	92.4	92.7	92.8	92.8	92.9	93.0	93.0	93.1
≥ 500	83.8	87.5	89.0	89.9	90.3	91.5	92.0	92.9	93.4	93.7	93.9	93.9	93.9	94.0	94.1	94.2
≥ 400	83.8	87.5	89.0	90.2	90.7	91.8	92.3	93.4	94.1	94.4	94.7	94.7	94.8	94.9	94.9	95.0
≥ 300	83.9	87.6	89.1	90.3	90.8	92.0	92.5	93.8	94.5	94.8	95.1	95.2	95.3	95.3	95.4	95.5
≥ 200	83.9	87.6	89.1	90.3	90.8	92.0	92.5	93.8	94.5	94.8	95.1	95.2	95.3	95.3	95.4	95.5
≥ 100	83.9	87.6	89.1	90.3	90.8	92.0	92.5	93.8	94.5	94.8	95.1	95.2	95.3	95.3	95.4	95.5
≥ 0	83.9	87.6	89.1	90.3	90.8	92.0	92.5	93.8	94.5	94.8	95.1	95.2	95.3	95.3	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1740

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(13904) FT WORTH/DFW AP TEX/MINERAL WELLS 49-70 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0600 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	52.9	56.6	57.1	57.6	57.9	57.9	58.0	58.0	58.0	58.2	58.2	58.3	58.3	57.5	55.6	58.7
≥ 20000	7.2	60.9	61.2	61.9	62.1	62.1	62.3	62.3	62.3	62.5	62.5	62.6	62.8	62.5	61.0	61.1
NAV 18000	58.1	61.1	61.4	62.1	62.3	62.3	62.5	62.5	62.5	62.7	62.7	62.8	63.0	63.0	63.2	63.3
16000	58.0	61.0	61.9	62.5	62.7	62.7	62.9	62.9	62.9	63.2	63.2	63.3	63.4	63.4	63.6	63.7
NAV 14000	59.7	62.7	64.1	63.7	63.9	63.9	64.2	64.2	64.2	64.4	64.4	64.5	64.7	64.7	64.9	65.0
12000	61.0	64.1	64.4	65.1	65.3	65.3	65.6	65.6	65.6	65.8	65.8	65.9	66.1	66.1	66.3	66.5
NAV 10000	62.1	65.4	66.2	66.5	66.7	66.7	66.9	66.9	66.9	67.2	67.2	67.3	67.5	67.5	67.7	67.9
9000	62.3	65.6	66.4	67.0	67.2	67.2	67.4	67.4	67.4	67.7	67.7	67.8	68.0	68.0	68.2	68.3
NAV 8000	63.4	66.8	67.1	67.9	68.1	68.1	68.3	68.3	68.3	68.6	68.6	68.7	68.9	68.9	69.1	69.3
7000	63.7	67.2	67.5	68.3	68.5	68.5	68.7	68.7	68.7	69.0	69.0	69.1	69.3	69.3	69.5	69.6
NAV 6000	64.6	68.1	68.5	69.3	69.5	69.5	69.7	69.7	69.7	70.0	70.0	70.1	70.2	70.2	70.4	70.6
5000	65.7	69.4	69.7	70.6	70.7	70.7	70.9	70.9	70.9	71.1	71.1	71.2	71.4	71.4	71.6	71.8
NAV 4500	66.2	69.8	70.3	71.0	71.3	71.3	71.5	71.5	71.5	71.8	71.8	71.9	72.1	72.1	72.3	72.5
4000	67.1	71.0	71.5	72.3	72.5	72.5	72.8	72.8	72.8	73.0	73.0	73.1	73.3	73.3	73.5	73.7
NAV 3500	68.1	71.8	72.3	73.0	73.3	73.3	73.5	73.5	73.5	73.8	73.8	73.9	74.1	74.1	74.3	74.6
3000	70.0	73.9	74.5	75.2	75.4	75.4	75.7	75.7	75.8	76.0	76.0	76.1	76.4	76.4	76.6	76.8
NAV 2500	71.6	75.6	76.3	77.1	77.3	77.4	77.7	77.7	77.8	78.0	78.0	78.1	78.4	78.4	78.6	78.8
2000	73.7	77.7	78.4	79.2	79.4	79.5	79.8	79.8	80.0	80.2	80.2	80.3	80.6	80.6	80.8	81.0
NAV 1800	74.2	78.2	78.9	79.7	80.0	80.1	80.4	80.4	80.6	80.8	80.8	80.9	81.2	81.2	81.4	81.6
1500	75.4	79.5	80.2	81.0	81.3	81.4	81.7	81.7	81.9	82.1	82.1	82.2	82.5	82.5	82.7	82.9
NAV 1200	76.7	81.0	81.9	82.9	83.2	83.3	83.7	83.8	84.0	84.2	84.2	84.3	84.6	84.6	84.8	85.0
1000	77.8	82.2	83.1	84.2	84.5	84.6	85.0	85.1	85.3	85.5	85.5	85.6	85.9	85.9	86.1	86.3
NAV 900	78.0	82.5	83.4	84.7	85.0	85.2	85.6	85.7	85.9	86.2	86.2	86.3	86.6	86.6	86.8	87.0
800	78.1	82.6	83.5	84.8	85.1	85.3	85.7	85.8	86.0	86.3	86.3	86.4	86.7	86.7	86.9	87.1
NAV 700	78.7	83.2	84.3	85.6	86.0	86.2	86.6	86.7	86.9	87.2	87.2	87.3	87.6	87.6	87.8	88.0
600	79.1	83.7	84.8	86.1	86.5	86.7	87.1	87.2	87.4	87.7	87.7	87.8	88.1	88.1	88.3	88.5
NAV 500	79.4	84.0	85.0	86.4	86.8	87.1	87.5	87.6	87.8	88.1	88.1	88.2	88.5	88.5	88.7	88.9
400	79.4	84.0	85.0	86.4	86.8	87.1	87.5	87.6	87.8	88.1	88.1	88.2	88.5	88.5	88.7	88.9
NAV 300	77.6	82.7	83.8	85.2	85.6	85.9	86.3	86.4	86.6	86.9	86.9	87.0	87.3	87.3	87.5	87.7
200	79.0	84.2	85.3	86.7	87.1	87.4	87.8	87.9	88.1	88.4	88.4	88.5	88.8	88.8	89.0	89.2
NAV 100	79.0	84.2	85.3	86.7	87.1	87.4	87.8	87.9	88.1	88.4	88.4	88.5	88.8	88.8	89.0	89.2
0	79.0	84.2	85.3	86.7	87.1	87.4	87.8	87.9	88.1	88.4	88.4	88.5	88.8	88.8	89.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1344

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3991 STATION | FT WALTERS AFB TEX/GLOBAL WELLS STATION NAME | 49-70 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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	3.0	54.5	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
≥ 20000	10.2	61.0	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	10.3	61.1	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	10.4	62.3	62.6	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	12.5	64.0	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	14.0	65.7	66.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 10000	16.6	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.3
≥ 9000	6.0	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4	68.3
≥ 8000	10.4	69.5	69.9	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 7000	7.5	69.3	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3
≥ 6000	10.1	70.0	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 5000	8.2	71.1	71.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 4500	09.5	71.5	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 4000	10.9	73.0	73.3	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 3500	11.7	73.8	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 3000	12.4	75.1	75.7	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5
≥ 2500	14.0	77.4	77.6	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 2000	16.3	79.6	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8
≥ 1800	16.9	81.0	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
≥ 1500	18.6	82.3	82.9	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 1200	20.7	84.5	85.4	86.4	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.1	87.0	87.0	87.1	87.1
≥ 1000	21.3	84.5	86.4	87.6	88.3	88.3	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 900	24.0	86.7	87.3	88.4	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 800	24.3	86.7	86.2	89.7	90.2	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7
≥ 700	32.5	87.5	88.8	90.4	91.2	91.2	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.9
≥ 600	33.1	88.3	89.5	91.4	92.3	92.5	92.9	93.1	93.1	93.2	93.4	93.4	93.4	91.4	93.5	93.5
≥ 500	34.0	89.2	90.3	92.5	93.9	94.1	94.7	94.9	94.9	95.1	95.3	95.3	95.4	95.4	95.5	95.6
≥ 400	34.2	89.2	90.7	93.0	94.5	94.7	95.7	96.1	96.1	96.4	96.7	96.7	96.8	96.8	96.9	97.0
≥ 300	33.7	89.2	90.9	93.4	95.0	95.2	96.4	97.1	97.1	97.8	98.1	98.1	98.2	98.2	98.3	98.4
≥ 200	33.7	89.2	91.1	93.4	95.3	95.3	96.5	97.2	97.2	98.1	98.4	98.4	98.5	98.5	98.9	99.0
≥ 100	33.7	89.2	90.9	93.4	95.1	95.3	96.5	97.2	97.3	98.2	98.5	98.5	98.8	98.8	99.4	99.9
0	33.7	89.2	90.9	93.4	95.1	95.3	96.5	97.2	97.3	98.2	98.5	98.5	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1891

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13963 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 69-70 (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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	56.7	57.4	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	64.1	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2
≥ 18000	64.3	65.0	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4
≥ 16000	64.6	65.3	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	66.1	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	68.2	68.8	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	69.3	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	69.9	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0
≥ 8000	70.8	71.5	71.6	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
≥ 7000	71.6	72.4	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8
≥ 6000	72.5	73.3	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	73.1	73.9	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	73.7	74.5	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9
≥ 4000	74.5	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	75.5	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8
≥ 3000	77.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
≥ 2500	79.8	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5
≥ 2000	81.9	83.4	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
≥ 1800	83.0	84.5	84.5	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0
≥ 1500	85.4	87.0	87.1	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	87.0	89.3	89.3	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 1000	88.1	90.5	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 900	88.6	91.1	91.3	91.9	92.1	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6
≥ 800	89.3	92.1	92.2	92.9	93.2	93.3	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7
≥ 700	89.4	92.4	92.7	93.6	94.0	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	89.7	93.1	93.6	94.9	95.6	95.7	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5
≥ 500	90.2	93.6	94.3	95.8	96.9	97.1	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 400	90.2	93.8	94.5	96.4	97.5	97.7	98.7	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	90.2	93.8	94.5	96.4	97.7	97.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	90.2	93.8	94.5	96.4	97.7	97.9	99.0	99.2	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 100	90.2	93.8	94.5	96.4	97.7	97.9	99.0	99.2	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0
0	90.2	93.8	94.5	96.4	97.7	97.9	99.0	99.2	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1913

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3403	FT WORTH ARP TEX/MINERAL WELLS	49-70	JFC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.7	58.2	58.2	58.2	58.2	58.2	58.4	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	2.4	66.2	66.3	66.3	66.5	66.5	66.6	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	66.2	66.6	66.7	66.7	66.9	66.9	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	6.7	67.1	67.2	67.2	67.4	67.4	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	68.0	68.4	68.5	68.5	68.7	68.7	68.8	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	3.0	70.3	70.5	70.5	70.6	70.6	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	72.0	72.4	72.6	72.6	72.8	72.8	72.9	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	72.3	72.7	72.8	72.8	73.0	73.0	73.1	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	73.3	73.7	73.9	73.9	74.1	74.1	74.2	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	74.4	74.9	75.1	75.1	75.2	75.2	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	75.4	75.9	76.1	76.1	76.3	76.3	76.4	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	76.3	76.8	77.0	77.0	77.2	77.2	77.3	77.4	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	76.8	77.3	77.5	77.5	77.7	77.7	77.8	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	78.7	79.3	79.5	79.5	79.6	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	79.6	80.2	80.4	80.4	80.5	80.5	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	82.9	83.5	83.7	83.7	82.9	82.9	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	83.1	84.0	84.1	84.1	84.3	84.3	84.4	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	85.7	86.7	86.9	86.9	87.1	87.2	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	86.8	87.8	88.0	88.0	88.2	88.3	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	88.4	89.4	89.7	89.8	90.0	90.1	90.3	90.4	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	90.8	91.1	91.6	91.8	92.0	92.1	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	91.2	91.9	92.5	92.8	93.0	93.1	93.3	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	92.3	92.6	92.6	92.9	93.2	93.4	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	92.7	93.3	93.1	93.4	93.8	93.9	94.1	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	94.0	94.3	94.5	94.9	94.7	94.8	95.2	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	94.3	94.8	94.1	94.6	95.5	95.6	96.3	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	94.6	94.9	94.7	95.2	96.2	96.6	97.1	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	94.7	94.1	94.9	95.5	96.6	97.1	98.4	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	94.8	94.3	95.0	95.7	96.7	97.4	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	94.8	94.4	95.0	95.6	96.6	97.5	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.8	94.3	95.0	95.8	96.8	97.5	98.9	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.8	94.3	95.0	95.8	96.6	97.5	98.9	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1777

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 49-70 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1-20 2000~~ HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2
≥ 20000	[illegible]	[illegible]	72.2	72.4	72.4	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 18000	71.5	72.4	72.7	72.8	72.8	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	72.1	73.1	73.3	73.4	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 14000	73.1	74.1	74.3	74.5	74.5	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	74.0	75.0	75.2	75.5	75.5	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9
≥ 10000	75.9	76.9	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 9000	76.7	77.8	77.8	77.9	77.9	77.6	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 8000	77.1	78.2	78.4	78.6	78.6	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	77.7	78.8	79.0	79.3	79.3	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 6000	78.3	79.7	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
≥ 5000	79.0	80.7	81.2	81.4	81.4	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	80.0	81.7	81.7	82.0	82.0	82.1	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 4000	81.1	82.8	82.8	83.1	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 3500	82.0	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	83.4	84.9	85.3	85.6	85.6	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	84.5	86.2	86.7	87.0	87.0	87.1	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 2000	85.7	87.4	88.0	88.3	88.4	88.5	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 1800	86.4	88.2	88.8	89.1	89.2	89.3	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 1500	86.7	88.5	89.0	89.4	89.4	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 1200	87.6	89.5	90.1	90.6	90.6	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 1000	87.9	89.8	90.4	90.9	90.9	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 900	88.3	90.2	90.8	91.3	91.3	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8
≥ 800	88.6	90.5	91.0	91.6	91.6	91.8	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 700	88.9	90.8	91.3	91.9	91.9	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 600	89.1	91.0	91.6	92.2	92.2	92.4	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 500	89.4	91.3	91.9	92.5	92.5	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 400	89.5	91.4	92.0	92.6	92.6	92.8	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 300	89.6	91.5	92.1	92.7	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 200	89.6	91.5	92.1	92.7	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 100	89.6	91.5	92.1	92.7	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
0	89.6	91.5	92.1	92.7	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1712

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3103 | [illegible] AFB/INTERNATIONAL WELLS | 49-70 | DEC
STATION | STATION NAME | YEARS | 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	67.4	67.5	67.6	67.7	67.7	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 20000	[illegible]	72.4	72.6	72.6	72.7	73.1	73.1	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	[illegible]	[illegible]	73.9	73.9	73.9	74.1	74.3	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8
≥ 16000	[illegible]	[illegible]	73.4	73.5	73.6	73.7	73.8	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	[illegible]	73.5	74.0	74.1	74.2	74.4	74.6	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	[illegible]	[illegible]	74.9	74.9	75.0	75.3	75.4	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	[illegible]	[illegible]	75.9	75.9	76.0	76.3	76.4	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	[illegible]	[illegible]	76.7	76.8	76.9	77.2	77.3	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	[illegible]	77.7	77.9	77.9	78.0	78.3	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	[illegible]	[illegible]	78.3	78.5	78.6	78.8	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 6000	[illegible]	79.1	79.2	79.3	79.4	79.5	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	81.1	81.2	81.5	81.6	81.6	81.6	81.8	81.9	81.9	[illegible]	81.9	81.9	81.9
≥ 4000	[illegible]	[illegible]	82.1	82.2	82.3	82.5	82.7	82.7	82.7	82.9	82.9	[illegible]	[illegible]	[illegible]	[illegible]	83.0
≥ 3500	[illegible]	[illegible]	[illegible]	83.1	83.2	[illegible]	83.6	83.6	83.6	83.8	83.9	83.9	[illegible]	[illegible]	83.9	83.9
≥ 3000	[illegible]	[illegible]	84.5	84.6	84.7	84.9	85.1	85.1	85.1	85.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	85.9	86.0	86.2	86.4	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	[illegible]	[illegible]	[illegible]	88.2	88.3	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 1800	[illegible]	[illegible]	[illegible]	89.3	89.4	89.6	89.8	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	[illegible]	[illegible]	[illegible]	89.6	89.7	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 1200	[illegible]	[illegible]	90.6	90.7	90.9	91.1	91.3	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6
≥ 1000	[illegible]	[illegible]	91.5	91.7	92.1	92.3	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.8
≥ 900	[illegible]	[illegible]	92.1	92.4	92.8	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 800	[illegible]	[illegible]	[illegible]	92.9	93.3	93.6	93.7	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	[illegible]	[illegible]	93.9	93.7	94.2	94.4	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥ 600	[illegible]	[illegible]	94.7	94.8	94.7	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	[illegible]	[illegible]	94.3	94.8	95.5	95.7	95.9	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2
≥ 400	[illegible]	[illegible]	[illegible]	95.2	95.9	96.3	96.5	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	[illegible]	96.5	95.0	95.9	96.3	97.4	98.1	98.3	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 200	[illegible]	[illegible]	95.1	95.9	96.3	97.5	98.2	98.4	98.4	98.6	98.9	98.9	99.0	99.0	99.1	99.1
≥ 100	[illegible]	[illegible]	95.1	95.9	96.4	97.5	98.3	98.5	98.5	98.9	99.0	99.0	[illegible]	99.3	99.4	99.4
≥ 0	[illegible]	[illegible]	95.1	95.9	96.4	97.5	98.3	98.5	[illegible]	[illegible]	99.1	[illegible]	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1077

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

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) | FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) | 49-70 (PERIOD) | ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	36.1	2.2	3.1	3.1	2.2	1.5	2.2	2.8	3.9	2.7	40.4	5.3	14397
FEB		37.3	2.9	3.5	3.1	2.5	1.7	2.2	2.9	3.9	2.9	37.1	5.0	13200
MAR		35.9	3.0	3.7	3.7	2.7	2.2	2.7	3.4	4.7	3.4	34.7	5.0	14478
APR		33.2	2.8	3.9	4.2	2.9	2.0	2.5	3.4	5.3	3.8	35.8	5.2	14200
MAY		30.1	3.9	4.5	5.1	3.7	2.9	3.5	4.0	6.6	4.1	31.6	5.1	14567
JUN		38.7	5.3	6.2	6.7	5.0	3.6	3.5	4.2	5.9	3.6	17.3	3.8	14161
JUL		40.5	6.4	6.3	6.8	4.9	3.9	3.6	4.5	5.8	3.8	13.8	3.5	14572
AUG		44.6	6.2	6.7	7.0	5.2	3.8	3.5	3.9	4.7	3.2	11.3	3.1	14594
SEP		47.8	4.7	4.3	4.7	3.4	2.8	2.5	3.3	4.2	2.8	19.5	3.5	14092
OCT		50.5	3.5	3.8	3.6	2.9	2.0	2.1	2.8	3.9	2.8	22.1	3.5	15089
NOV		40.6	3.1	3.3	3.3	2.7	1.7	2.0	3.0	4.1	2.3	27.7	4.0	14157
DEC		42.8	2.5	3.1	3.0	2.2	1.6	2.0	2.7	3.7	2.5	33.8	4.6	14128
TOTALS		40.4	3.9	4.4	4.5	3.4	2.5	2.7	3.4	4.7	3.2	27.1	4.3	171635

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	44.4	1.7	2.9	2.6	1.8	1.3	2.7	1.5	3.7	1.3	36.1	4.6	1744
	03-05	42.0	1.6	2.7	2.7	2.4	1.0	1.5	1.8	3.3	1.0	40.0	4.9	1829
	06-08	32.6	2.0	2.1	2.8	2.3	1.3	1.8	2.4	4.3	2.2	46.2	5.7	1834
	09-11	27.1	2.6	3.2	3.0	1.9	1.5	1.6	3.4	3.9	3.5	48.3	6.1	1841
	12-14	29.1	2.2	2.6	3.2	2.8	1.5	2.0	3.2	4.9	4.0	44.6	5.9	1835
	15-17	31.3	3.7	3.0	2.9	1.9	2.0	2.6	3.4	3.4	4.6	41.3	5.6	1820
	18-20	38.1	2.5	4.3	3.6	2.5	1.7	2.7	3.5	4.0	2.7	34.4	4.8	1761
	21-23	43.9	1.6	3.6	3.9	2.2	1.5	2.3	2.9	3.8	2.0	32.5	4.4	1793
TOTALS		36.1	2.2	3.1	3.1	2.2	1.5	2.2	2.8	3.9	2.7	40.4	5.3	14397

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	46.1	2.0	4.5	1.8	2.1	.9	2.1	1.4	3.0	1.1	35.0	4.4	1612
	03-05	42.8	1.9	2.8	3.5	1.9	.9	1.1	2.3	2.3	1.9	38.6	4.7	1669
	06-08	35.0	2.6	2.9	2.5	2.2	1.6	1.9	2.5	4.4	2.6	41.6	5.4	1669
	09-11	32.2	3.5	3.1	2.5	1.7	1.4	2.2	2.6	3.8	4.0	43.1	5.6	1669
	12-14	31.3	3.4	3.3	3.4	3.3	1.6	2.3	3.8	4.3	3.8	39.5	5.5	1670
	15-17	30.3	3.4	4.0	3.8	2.9	2.8	2.9	4.4	4.5	3.8	37.1	5.4	1664
	18-20	34.8	4.3	4.1	4.2	2.9	1.8	3.0	4.2	5.4	3.4	31.8	4.9	1634
	21-23	46.2	2.4	3.2	2.7	3.1	2.4	2.1	2.3	3.2	2.5	29.8	4.2	1613
TOTALS		37.3	2.9	3.5	3.1	2.5	1.7	2.2	2.9	3.9	2.9	37.1	5.0	13200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	44.3	3.8	4.8	4.0	2.0	1.6	2.0	1.7	4.0	1.9	29.9	4.1	1758
	03-05	40.9	2.5	3.8	3.8	2.8	1.4	2.6	2.7	3.3	2.3	33.9	4.6	1822
	06-08	32.4	2.0	3.5	4.2	2.1	1.8	1.9	3.1	4.6	3.5	40.9	5.5	1832
	09-11	30.9	2.9	3.0	3.0	2.4	2.1	2.3	3.9	4.7	3.9	40.7	5.6	1839
	12-14	30.0	3.3	3.5	3.3	2.6	2.5	3.1	3.8	5.5	4.6	37.8	5.5	1838
	15-17	28.7	3.7	2.9	3.1	3.1	3.3	3.8	4.4	6.2	4.4	36.3	5.5	1827
	18-20	34.0	3.1	3.7	3.9	3.7	2.5	3.5	4.9	5.7	4.5	30.4	5.0	1790
	21-23	45.8	2.3	4.3	4.1	2.7	2.0	2.7	2.7	3.7	1.9	28.0	4.0	1772
TOTALS		35.9	3.0	3.7	3.7	2.7	2.2	2.7	3.4	4.7	3.4	34.7	5.0	14478

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	39.7	1.9	4.1	4.8	3.2	1.1	2.6	3.6	4.3	2.1	32.4	4.6	1756
	03-05	36.4	2.5	3.4	4.5	2.4	1.7	2.2	3.2	4.1	2.8	36.8	5.0	1792
	06-08	28.2	1.7	2.6	2.9	2.6	1.9	2.2	2.8	6.3	4.5	44.3	6.0	1792
	09-11	27.6	3.1	3.1	3.0	2.0	2.5	2.1	4.1	5.7	5.0	41.8	5.9	1794
	12-14	28.3	3.0	4.6	4.0	2.8	2.3	3.1	2.7	7.0	4.9	37.3	5.6	1792
	15-17	28.6	3.9	3.6	5.5	3.7	2.3	2.8	3.1	6.8	5.0	34.5	5.4	1791
	18-20	33.5	4.1	4.7	4.5	3.6	2.5	2.5	4.6	5.4	3.8	30.9	4.9	1752
	21-23	42.9	2.4	5.3	4.5	2.7	2.0	2.7	2.9	4.3	2.1	28.0	4.2	1731
TOTALS		33.2	2.8	3.9	4.2	2.9	2.0	2.5	3.4	5.5	3.8	35.8	5.2	14200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	40.1	3.0	3.3	4.3	2.2	1.5	3.4	3.2	5.9	1.9	31.2	4.6	1829
	03-05	33.8	2.8	3.9	4.2	3.5	2.0	3.1	3.1	5.3	3.3	34.9	5.1	1830
	06-08	24.3	3.6	4.2	4.2	3.4	3.0	2.6	3.3	6.4	5.0	40.1	5.9	1829
	09-11	24.5	3.4	4.4	5.0	3.4	3.5	3.4	4.6	6.3	5.0	36.5	5.7	1836
	12-14	23.5	4.8	5.3	5.1	4.7	4.2	3.9	4.8	7.6	6.0	30.1	5.4	1838
	15-17	23.1	5.8	5.1	6.6	5.9	4.4	4.6	4.5	7.7	5.4	26.9	5.2	1828
	18-20	30.4	4.0	5.0	6.0	3.9	3.2	3.7	5.2	7.8	4.4	26.4	4.9	1790
	21-23	40.7	3.9	4.8	5.1	2.9	1.7	2.9	3.6	5.4	2.1	27.0	4.2	1787
TOTALS		30.1	3.9	4.5	5.1	3.7	2.9	3.5	4.0	6.6	4.1	31.6	5.1	14567

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	53.9	2.9	4.7	4.8	2.9	1.4	2.4	2.4	4.3	1.6	18.5	3.1	1774
	03-05	43.9	3.8	5.3	6.2	3.6	1.9	2.9	3.1	6.2	2.5	20.8	3.7	1783
	06-08	32.4	4.3	5.9	6.8	3.9	3.0	3.6	4.7	7.0	5.4	23.0	4.6	1785
	09-11	29.4	7.1	6.6	6.6	6.3	3.6	3.9	5.3	6.9	4.9	19.4	4.4	1783
	12-14	24.3	6.8	7.4	8.3	8.0	7.0	4.7	5.8	7.9	5.1	14.8	4.4	1783
	15-17	27.2	7.4	8.9	8.8	8.4	7.2	3.2	5.0	6.0	3.7	14.2	4.0	1777
	18-20	43.1	6.4	6.0	6.9	3.7	3.2	4.1	4.4	5.1	4.0	13.2	3.3	1743
	21-23	55.5	3.5	4.7	5.0	3.4	1.7	3.0	3.2	4.1	1.7	14.2	2.8	1733
TOTALS		38.7	5.3	6.2	6.7	5.0	3.6	3.5	4.2	5.9	3.6	17.3	3.8	14161

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	62.1	3.0	5.5	4.0	2.7	1.6	2.4	2.5	3.2	1.6	9.4	2.1	1833
	03-05	52.9	4.5	5.4	6.2	3.4	2.2	2.5	3.8	3.3	2.5	13.3	2.8	1837
	06-08	35.2	6.5	5.6	5.8	4.3	2.9	3.4	5.6	6.3	4.5	20.0	4.2	1835
	09-11	35.2	6.9	6.6	6.3	4.0	3.8	3.6	4.2	6.4	4.8	18.1	4.0	1836
	12-14	19.9	7.4	6.9	9.3	7.7	7.0	5.5	6.8	9.1	6.1	14.2	4.7	1834
	15-17	18.1	9.3	9.0	11.7	8.7	6.4	4.4	5.7	8.2	4.5	14.0	4.4	1824
	18-20	40.6	7.6	5.5	5.8	4.5	3.6	4.4	4.6	6.2	4.9	12.3	3.5	1787
	21-23	59.7	4.0	5.7	5.0	3.6	3.4	2.2	2.9	3.6	1.2	8.8	2.2	1786
TOTALS		40.5	6.4	6.3	6.8	4.9	3.9	3.6	4.5	5.8	3.8	13.8	3.5	14572

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	64.9	3.5	5.0	3.9	3.3	2.0	2.7	2.4	3.0	.7	8.5	2.0	1836
	03-05	60.9	4.2	4.8	4.9	3.6	2.4	2.3	2.6	2.6	1.5	10.2	2.2	1841
	06-08	41.3	7.3	5.6	7.7	4.4	3.5	4.0	4.2	4.7	3.9	13.4	3.4	1842
	09-11	38.9	7.3	6.6	7.7	4.5	3.6	4.2	3.9	5.0	3.6	14.7	3.5	1841
	12-14	23.0	6.4	8.7	9.4	8.8	7.7	6.2	5.5	6.5	5.1	12.6	4.3	1842
	15-17	20.6	8.1	10.3	12.4	9.4	7.5	3.2	5.6	7.5	5.0	10.5	4.1	1832
	18-20	43.3	8.1	7.8	6.2	4.4	2.3	3.0	4.3	5.5	4.2	11.0	3.1	1782
	21-23	64.2	4.7	5.1	4.0	3.1	1.7	2.0	2.3	2.4	1.2	9.3	2.0	1778
TOTALS		44.6	6.2	6.7	7.0	5.2	3.8	3.5	3.9	4.7	3.2	11.3	3.1	14594

USAFETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	62.0	2.5	3.1	2.5	2.1	1.4	1.6	2.1	2.8	1.2	18.5	2.8	1770
	03-05	56.7	2.8	3.3	3.1	2.3	1.6	2.0	3.0	3.4	1.1	20.7	3.1	1776
	06-08	45.1	5.0	4.7	3.7	2.5	2.5	2.5	2.5	3.6	3.8	24.0	3.8	1776
	09-11	39.5	5.9	5.0	4.4	3.7	2.9	3.[illegible]	3.6	4.8	4.5	22.5	4.1	1776
	12-14	29.4	6.1	5.2	8.4	6.5	6.0	3.6	5.5	6.1	4.1	19.1	4.3	1773
	15-17	33.3	7.8	6.7	8.2	5.8	4.4	3.0	3.5	4.8	3.9	18.5	3.9	1764
	18-20	53.8	5.4	3.3	3.8	2.5	1.6	2.7	3.1	4.9	2.5	16.4	3.1	1730
	21-23	62.3	2.4	2.7	3.5	2.0	1.6	1.7	3.2	3.2	.9	16.6	2.7	1727
TOTALS		47.8	4.7	4.3	4.7	3.4	2.8	2.5	3.3	4.2	2.8	19.5	3.5	14092

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	61.6	2.1	2.8	3.2	1.8	1.4	1.2	2.0	2.8	1.7	19.5	2.8	1868
	03-05	58.7	1.9	3.3	3.0	1.5	1.1	1.6	1.6	2.6	2.0	22.8	3.2	1904
	06-08	46.3	3.1	3.7	2.9	2.7	1.8	1.7	3.3	4.0	3.0	27.5	4.1	1916
	09-11	42.2	3.3	4.0	3.1	3.5	2.2	1.8	3.4	4.0	3.8	28.8	4.3	1915
	12-14	40.2	4.1	4.8	3.5	4.9	3.3	2.8	3.5	6.1	4.3	22.3	4.1	1912
	15-17	42.8	5.5	4.1	5.9	3.7	3.3	2.7	3.3	5.1	3.8	19.8	3.7	1910
	18-20	52.8	3.1	3.9	4.4	2.6	1.6	2.4	3.1	3.4	2.4	18.3	3.1	1843
	21-23	59.7	2.6	3.5	3.1	2.6	1.3	2.4	2.5	3.0	1.2	18.1	2.8	1821
TOTALS		50.5	3.5	3.8	3.6	2.9	2.0	2.1	2.8	3.9	2.8	22.1	3.5	15089

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	55.7	1.5	2.7	3.2	2.2	1.7	1.8	1.8	3.3	1.4	24.6	3.4	1688
	03-05	54.1	2.1	2.3	3.3	2.3	1.5	1.6	2.7	3.2	1.2	25.6	3.5	1760
	06-08	42.6	3.3	4.4	3.3	1.7	1.9	2.1	2.6	4.7	2.9	30.5	4.4	1815
	09-11	38.7	3.3	3.3	2.8	3.4	1.8	1.6	3.7	3.9	3.5	34.1	4.8	1816
	12-14	37.6	4.5	3.7	4.0	3.1	1.7	2.5	3.6	4.8	3.8	30.4	4.6	1817
	15-17	40.7	4.0	4.0	3.1	3.3	2.3	2.3	4.0	4.8	2.9	28.6	4.4	1811
	18-20	49.6	3.7	3.1	3.8	3.1	1.1	2.2	2.8	5.2	1.4	24.2	3.7	1745
	21-23	55.0	2.3	2.5	2.8	2.7	1.8	1.8	2.5	3.2	1.6	23.8	3.4	1705
TOTALS		46.8	3.1	3.3	3.3	2.7	1.7	2.0	3.0	4.1	2.3	27.7	4.0	14157

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	51.7	1.9	3.0	2.5	2.2	.9	2.0	1.7	2.5	1.4	30.2	3.9	1701
	03-05	49.9	1.9	3.5	3.0	1.7	.7	1.7	1.7	2.1	1.4	32.5	4.0	1741
	06-08	38.0	2.3	4.3	3.1	2.4	2.3	2.0	2.3	4.2	3.0	35.4	4.8	1844
	09-11	34.1	2.7	2.5	3.1	1.8	2.1	2.1	2.8	4.8	3.8	40.2	5.4	1851
	12-14	35.9	3.1	2.7	3.2	1.9	1.9	1.8	3.2	4.8	3.5	38.1	5.2	1808
	15-17	35.9	3.4	3.0	3.1	2.1	2.2	2.0	3.7	5.0	4.0	35.7	5.1	1778
	18-20	45.4	2.7	2.9	3.2	3.0	1.6	2.4	3.6	3.2	1.8	30.3	4.2	1711
	21-23	51.0	2.3	2.9	2.7	2.4	1.5	2.2	2.5	3.2	1.1	28.0	3.8	1694
TOTALS		42.8	2.5	3.1	3.0	2.2	1.6	2.0	2.7	3.7	2.5	33.8	4.6	14128

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 presentation 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 deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

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 all years combined. The following information is provided:

   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 vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

   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 computations 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 tabulations 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 available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

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

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03949 FT WOLTERS AAF TEX/MINERAL WELLS 49-65, 67-70
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
110						.2	.2	.2					.0
105						1.6	5.4	8.4	1.0				1.4
100				.2	.3	11.5	36.7	38.3	6.2	.3			8.1
95			.2	2.0	8.4	41.0	71.0	68.7	30.7	2.5			19.4
90	.2	.2	2.8	8.0	29.0	72.3	90.1	89.5	53.0	12.9	.4	.2	30.7
85	.9	2.4	8.2	24.6	54.4	89.7	95.8	97.8	72.7	34.8	4.5	.7	41.6
80	3.0	5.9	15.9	45.9	77.3	95.0	98.5	99.7	88.0	52.3	11.9	2.4	50.7
75	10.4	14.5	29.6	64.2	88.9	98.1	100.0	100.0	95.8	71.2	25.9	6.9	59.8
70	19.6	29.4	47.1	78.5	95.5	99.1			99.1	83.6	45.0	16.9	68.7
65	31.1	43.1	62.5	88.3	98.0	100.0			100.0	92.5	60.0	33.8	76.3
60	47.5	55.7	73.6	95.2	99.6					96.7	74.1	51.0	83.3
55	60.7	71.2	83.0	98.6	99.8					98.7	85.5	66.1	89.0
50	72.0	82.0	90.7	99.8	100.0					99.5	93.5	80.2	93.4
45	80.2	91.2	94.4							99.8	96.0	88.7	96.0
40	84.8	94.9	97.4	100.0						100.0	99.5	95.3	97.7
35	90.9	97.1	99.5								99.8	98.2	98.8
30	95.2	98.8	100.0								100.0	100.0	99.5
25	98.0	100.0											99.8
20	99.5												100.0
15	100.0												100.0
MEAN	56.7	61.3	67.3	77.3	84.5	92.3	96.9	97.1	89.3	79.2	68.7	57.0	77.3
S D	14.463	17.631	12.637	9.651	7.848	6.748	5.786	5.703	7.816	9.641	11.172	11.130	17.332
TOTAL OBS	560	510	571	562	559	575	594	592	576	598	553	551	6801

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03943 — STATION
FT WOLTERS AAF TEX/MINERAL WELLS — STATION NAME
49-63, 67-70 — YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.7	2.3	3.0					.5
75				.2	.2	16.0	37.5	31.9	4.3				7.8
70				1.4	12.2	54.4	88.0	75.8	33.3	4.7			23.2
65			.9	11.0	38.3	83.5	98.1	93.7	59.2	14.4	.9		34.3
60	.7	.6	5.1	29.8	69.1	96.5	99.8	99.7	79.9	31.3	5.6		44.1
55	2.3	3.3	10.9	49.8	87.5	98.8	100.0	100.0	94.4	52.2	11.0	2.9	58.2
50	7.5	10.0	24.0	64.2	94.8	100.0			99.1	67.9	22.8	7.4	59.2
45	14.5	20.8	39.9	82.0	99.1				100.0	86.6	37.4	13.6	67.2
40	25.2	37.1	59.7	95.1	99.8					95.7	57.7	29.0	75.6
35	39.5	58.8	77.4	97.9	100.0					99.0	76.9	49.9	83.8
33	46.8	67.3	83.4	99.1						99.5	84.3	58.4	87.0
30	58.7	78.0	91.2	100.0						100.0	90.4	72.6	91.2
25	78.0	91.2	97.7								97.3	90.2	96.3
20	88.7	97.3	99.3								99.1	95.3	98.4
15	95.0	99.4	99.8								99.8	98.7	99.4
10	97.7	99.6	100.0								100.0	99.8	99.8
5	99.6	99.8										100.0	100.0
0	100.0	100.0											100.0
MEAN	32.3	36.8	42.2	55.3	62.0	69.8	73.3	72.2	65.4	54.6	42.0	35.0	51.2
S D	10.982	9.397	9.734	9.041	6.626	5.142	3.449	4.265	6.399	8.980	9.860	9.133	16.623
TOTAL OBS	560	510	571	562	559	575	594	592	576	598	553	551	6901

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03943 FT WOLTERS AAF TEX/MINERAL WELLS 47-65, 67-70
STATION STATION NAME YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
95								.3					.0
90						3.3	13.6	16.2	1.0				3.0
85					1.4	28.9	64.0	54.6	12.5	.3			14.0
80				2.0	19.1	66.4	91.1	87.2	42.9	5.4			27.0
75		.2	2.5	14.8	47.2	89.0	98.1	99.3	70.7	20.4	.7		37.9
70	1.1	1.2	7.2	36.5	75.5	96.0	100.0	100.0	87.7	42.1	6.3	.5	47.2
65	3.7	5.9	18.4	58.5	90.7	99.0			97.4	62.9	15.2	2.8	55.6
60	10.5	15.5	33.6	74.7	97.1	100.0			99.8	81.3	27.8	9.1	63.5
55	20.0	32.2	54.3	89.1	99.3				100.0	92.8	50.6	19.6	72.4
50	34.3	49.8	71.3	96.6	99.8					98.0	70.9	39.9	80.7
45	53.7	68.6	84.6	99.8	100.0					99.3	85.9	63.5	88.4
40	70.0	84.3	92.5							100.0	94.6	81.1	93.7
35	81.1	92.5	97.4	100.0							98.0	93.3	97.0
30	88.6	96.7	99.1								99.3	96.6	98.4
25	93.9	99.0	100.0								100.0	99.1	99.4
20	97.9	99.8										100.0	99.8
15	99.6	100.0											100.0
10	100.0												100.0
MEAN	44.7	49.3	55.0	65.5	73.5	81.1	85.3	84.9	77.6	67.1	54.6	47.2	65.5
S D	11.763	10.012	10.282	8.323	6.499	5.510	4.193	4.437	6.276	8.272	9.330	9.971	16.499
TOTAL OBS	960	510	571	562	559	575	594	592	576	598	553	451	6801

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13943 — STATION
FT WORTH AAF TEX/MINERAL WELLS — STATION NAME
49-69, 67-70 — YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
49	77	72	81	91	97	97	102	103	99	81	87	77	103
50	85	87	88	90	96	98	96	100	95	92	89	84	100
51	84	86	92	95	100	98	105	108	107	104	95	86	108
52	85	94	93	90	96	102	105	108	108	94	87	80	108
53	86	80	86	88	97	107	105	109	108	97	77	76	109
54	72	89	94	96	95	101	112	105	102	96	79	87	112
55	74	79	84	97	100	98	103	107	98	92	90	90	107
56	79	91	94	91	96	105	107	108	102	98	82	82	109
57	86	81	81	87	93	102	106	104	100	92	78	76	106
58	69	76	72	95	97	100	105	103	98	96	82	84	105
59	76	87	90	92	100	106	97	105	104	88	79	77	106
60	76	85	89	96	95	110	103	101	100	90	96	71	110
61	75	81	87	90	95	97	98	101	101	88	85	74	101
62	76	87	89	92	96	97	104	104	96	93	84	77	104
63	75	88	90	100	98	100	106	104	101	98	99	74	106
64	76	74	82	93	96	101	108	110	100	99	83	83	110
65	78	79	78	91	94	95	104	100	103	93	91	78	104
MEAN	78.6	82.8	86.7	93.1	96.6	101.0	103.7	104.7	101.3	93.6	84.3	79.8	106.3
S D	5.105	5.376	5.421	3.613	2.059	3.921	3.998	3.197	3.820	4.137	4.341	5.274	3.235
TOTAL OBS	527	480	527	510	527	510	527	527	510	527	510	527	6209

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

03943 — STATION
FT WORTH AAF TEX/MINERAL WELLS — STATION NAME
49-65, 67-73 — YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV.	DEC.	ALL MONTHS
67						100	104	101	91	86	80		MAX TEMP
						17	17	19	16	17	16		DAYS
68			78	84	91	95	96	97	98	92	75	71	MAX TEMP
			14	16	14	12	16	13	15	19	14	12	DAYS
69	91	74	86	83		100	104	107	92	93	81	71	MAX TEMP
	17	15	16	14		17	17	16	17	18	13	12	DAYS
70	84	78	83	89	89	104	105	100	95	89			MAX TEMP
	16	15	14	16	16	19	17	17	18	17			DAYS
MEAN													
S D													
TOTAL OBS													

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

03943 — STATION
FT WORTH AAP TEX/MINERAL WELLS — STATION NAME
49-68, 67-70 — YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
4[illegible]	4	15	30	38	55	63	67	61	49	36	29	21	4
5[illegible]	15	27	22	33	58	56	64	60	54	45	12	9	9
5[illegible]	12	3	23	37	69	59	66	69	49	40	18	13	3
5[illegible]	23	27	26	34	44	63	60	69	56	34	27	19	19
5[illegible]	17	20	42	34	45	63	62	63	55	39	30	13	13
5[illegible]	15	25	24	31	39	54	71	69	53	35	27	26	15
55	24	18	21	41	58	54	69	63	49	32	21	18	18
5[illegible]	5	21	28	35	52	61	70	63	53	43	22	24	5
57	15	34	27	31	45	61	72	63	50	30	28	19	15
5[illegible]	21	17	30	36	50	59	65	63	34	41	22	14	14
5[illegible]	6	20	26	31	55	62	68	64	52	35	18	25	6
6[illegible]	19	15	17	39	41	63	67	64	54	37	24	20	13
6[illegible]	8	27	37	33	49	60	64	59	52	44	34	17	8
6[illegible]	4	16	14	33	47	62	68	60	55	43	34	19	8
6[illegible]	6	20	27	46	49	65	68	66	49	47	31	12	6
[illegible]4	7	25	20	35	50	52	67	69	51	39	25	14	7
6[illegible]	22	18	18	42	50	60	64	62	51	40	31	29	10
MEAN	13.4	20.4	25.2	35.9	48.9	59.9	66.6	63.9	52.0	38.8	25.6	18.4	10.6
S D.	6.682	7.017	9.706	4.342	5.035	3.648	3.163	3.344	2.811	4.739	6.124	5.499	5.279
TOTAL OBS.	527	480	527	510	527	510	527	527	510	527	510	527	6209

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

03948 — STATION
FT WORTH AAF TEX/MINERAL WELLS — STATION NAME
49-65, 67-73 — YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB.	MAR	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
57						66 17	69 17	58 19	45 16	38 17	34 16		MIN TEMP DAYS
6?			23 14	34 16	46 14	60 12	65 16	69 13	47 19	36 19	26 14	25 12	MIN TEMP DAYS
65	41 7	27 15	23 16	45 16		52 17	60 17	71 16	56 17	38 18	23 13	32 12	MIN TEMP DAYS
7?	12 16	20 15	32 14	30 18	47 18	53 19	56 17	61 17	53 18	34 17			MIN TEMP DAYS
MEAN													
S D													
TOTAL OBS													

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | ALL MONTH | PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
112/111																	.0	2	2		
110/109																	.0	4	4		
108/107															.0	.0	.0	26	26		
106/105													.0	.0	.0	.0	.0	138	138		
104/103													.0	.0	.1	.1	.0	347	347		
102/101												.0	.0	.1	.1	.1	.0	689	689		
100/ 99											.0	.1	.2	.3	.1	.0	.0	1298	1298		
98/ 97									.0	.0	.1	.3	.4	.2	.1	.0	.0	1873	1873		
96/ 95								.0	.0	.1	.4	.5	.3	.1	.0	.0	.0	2492	2492		
94/ 93								.0	.1	.4	.5	.3	.2	.1	.0	.0	.0	2774	2774		
92/ 91				.0		.0	.0	.1	.4	.6	.4	.2	.1	.1	.0	.0	.0	3243	3244		
90/ 89				.0		.0	.1	.3	.7	.5	.3	.2	.1	.1	.0	.0	.0	3919	3919		
88/ 87					.0	.1	.3	.6	.6	.4	.2	.1	.1	.0	.0	.0	.0	4209	4214		
86/ 85			.0		.0	.3	.7	.7	.5	.2	.2	.1	.1	.1	.0	.0	.0	4847	4863	1	
84/ 83		.0	.0	.0	.2	.6	.8	.5	.3	.2	.1	.1	.1	.0	.0	.0		5105	5113	2	1
82/ 81		.0	.0	.1	.5	.8	.7	.4	.3	.2	.1	.1	.1	.0	.0	.0	.0	5695	5707	13	2
80/ 79	.0	.0	.1	.5	1.0	.8	.5	.3	.2	.1	.1	.1	.1	.0	.0			6785	6789	286	1
78/ 77	.0	.1	.*	1.0	1.0	.6	.4	.3	.2	.2	.1	.1	.1	.0	.0			7266	7283	1844	34
76/ 75	.0	.3	.9	1.1	.7	.5	.3	.2	.2	.2	.1	.1	.0	.0				8133	8150	7387	310
74/ 73	.0	.7	1.1	.8	.5	.4	.3	.2	.2	.2	.1	.1	.0					7736	7747	12842	1767
72/ 71	.1	.8	.8	.7	.5	.3	.2	.2	.2	.2	.1	.1	.0					7276	7289	14758	5843
70/ 69	.1	.8	.8	.7	.4	.3	.2	.2	.2	.2	.1	.0	.0					7102	7116	12664	10350
68/ 67	.1	.7	.7	.5	.3	.3	.2	.2	.2	.2	.1	.0		.0				6204	6218	9451	12668
66/ 65	.1	.8	.7	.4	.3	.3	.2	.3	.3	.2	.1	.0						6331	6361	8255	12071
64/ 63	.1	.8	.6	.4	.3	.3	.3	.3	.2	.1	.0	.0						5858	5865	7593	11228
62/ 61	.2	.8	.5	.3	.3	.3	.3	.3	.2	.1	.0							5397	5409	6916	9405
60/ 59	.2	.7	.5	.4	.3	.3	.3	.3	.2	.0	.0							5411	5428	6593	7942
58/ 57	.1	.6	.4	.4	.3	.4	.4	.2	.1	.0								5136	5146	5896	6560
56/ 55	.2	.6	.5	.4	.4	.4	.3	.2	.1	.0								5221	5221	5722	5877
54/ 53	.1	.5	.5	.4	.4	.4	.3	.1	.0	.0	.0							4847	4847	5444	5105
52/ 51	.1	.6	.4	.5	.4	.4	.2	.1	.0									4727	4727	5713	4786
50/ 49	.2	.6	.5	.5	.5	.4	.2	.0	.0									4883	4883	6270	4526
48/ 47	.2	.6	.3	.5	.5	.3	.1	.0										4497	4497	6199	4807
46/ 45	.1	.6	.6	.6	.4	.2	.1	.0	.0									4435	4436	6147	4755

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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

4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | ALL MONTH

 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
44/ 43	.1	.6	.6	.6	.4	.1	.0	.0										4088	4088	5612	4558
42/ 41	.1	.6	.6	.5	.3	.1	.0											3691	3691	5435	4851
40/ 39	.1	.6	.6	.5	.2	.1	.0	.0										3559	3559	5490	5158
38/ 37	.1	.6	.6	.4	.2	.0	.0											3207	3207	4730	5248
36/ 35	.1	.6	.5	.3	.1	.0												2729	2729	4213	5310
34/ 33	.1	.5	.5	.2	.0	.0												2377	2377	3487	5055
32/ 31	.1	.6	.4	.1	.0													2023	2024	3161	5175
30/ 29	.1	.5	.3	.1	.0	.0												1650	1652	2804	4849
28/ 27	.1	.4	.2	.0	.0													1240	1240	1971	4555
26/ 25	.1	.3	.1	.0														870	870	1508	4044
24/ 23	.0	.2	.1	.0														557	557	909	3456
22/ 21	.0	.2	.1	.0														457	457	588	2654
20/ 19	.0	.1	.0	.0														354	354	521	2177
18/ 17	.0	.1	.0															216	216	346	1716
16/ 15	.0	.1	.0															168	168	200	1150
14/ 13	.0	.0	.0															113	113	174	889
12/ 11	.0	.0	.0															59	59	120	665
10/ 9	.0	.0	.0															47	47	62	509
8/ 7	.0	.0																21	21	42	345
6/ 5	.0	.0																10	10	15	285
4/ 3	.0	.0																5	5	7	148
2/ 1																					135
0/ -1																					91
-2/ -3																					59
-4/ -5																					55
-6/ -7																					38
-8/ -9																					17
-10/-11																					5
-16/-17																					1
-18/-19																					1
-20/-21																					3
TOTAL	3.1	16.9	15.2	12.9	10.5	8.8	7.4	6.3	5.3	4.2	3.3	2.4	1.8	1.1	.6	.3	.2	171559		171240	
																		171347	171351		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	746259488	10701472	62.5	21.318	171340							
Dry Bulb	782727570	11149140	65.0	18.414	171359		402.9	4442.2	3393.9	2052.9	491.8	8760
Wet Bulb	583142564	9670450	56.4	14.769	171351		642.2	3020.3	1141.0	4.3		8760
Dew Point	474007990	8544164	49.9	16.688	171240	14.0	1703.4	1579.8	107.9	.2		8760

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JAN MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																.0		1	1		
90/ 89																.0		1	1		
88/ 87															.0	.0		4	4		
86/ 85											.0	.0	.0		.0			5	5		
84/ 83										.0	.0	.0		.0	.0			15	15		
82/ 81								.0	.0	.0	.0	.0	.0	.0				17	17		
80/ 79								.0	.0	.0	.0	.0	.0					28	28		
78/ 77						.0	.0	.0	.0	.0	.0	.0	.0					41	41		
76/ 75					.0	.1	.1	.1	.1	.1	.1	.1	.0					96	96		
74/ 73					.1	.1	.1	.1	.1	.1	.1	.2	.0					130	130		
72/ 71				.1	.2	.2	.0	.1	.1	.1	.1	.1	.0					137	137		
70/ 69			.0	.3	.2	.2	.1	.1	.2	.2	.1	.0	.0					220	220		
68/ 67		.0	.3	.3	.2	.2	.1	.1	.2	.3	.1	.0						242	242	8	
66/ 65		.2	.4	.2	.1	.2	.1	.3	.3	.3	.1	.0						297	297	82	
64/ 63	.1	.6	.4	.3	.2	.1	.2	.3	.3	.1	.0	.0						389	389	237	57
62/ 61	.2	.6	.4	.2	.2	.2	.3	.5	.3	.1	.0							402	402	314	199
60/ 59	.1	.4	.4	.3	.3	.4	.4	.5	.3	.0								453	453	383	242
58/ 57	.2	.6	.3	.2	.3	.5	.5	.4	.2	.0								485	485	331	239
56/ 55	.2	.6	.3	.4	.5	.5	.7	.4	.1									555	555	337	286
54/ 53	.3	.7	.4	.5	.5	.7	.7	.3	.0		.0							620	620	371	255
52/ 51	.3	.9	.4	.5	.6	.7	.5	.2	.0									606	606	480	317
50/ 49	.6	1.4	.6	.7	.9	.8	.3	.1										770	770	705	326
48/ 47	.4	.9	.8	.8	.9	.6	.2	.0										678	678	818	371
46/ 45	.4	1.1	.8	1.0	.8	.5	.2	.0										705	705	742	426
44/ 43	.3	.9	1.1	1.3	.8	.4	.1	.0										720	720	809	424
42/ 41	.2	1.1	1.3	1.1	.6	.2	.1											659	659	831	466
40/ 39	.4	1.3	1.2	1.1	.5	.1	.0											663	663	922	504
38/ 37	.3	1.7	1.4	1.1	.5	.1												731	731	898	629
36/ 35	.5	1.7	1.5	1.0	.3	.0												741	741	914	774
34/ 33	.4	1.8	1.4	.9	.1													659	659	781	857
32/ 31	.4	2.4	1.3	.5	.1													663	663	793	895
30/ 29	.6	1.9	1.4	.3	.0													599	601	910	885
28/ 27	.5	1.6	1.0	.2	.0													470	470	640	957
26/ 25	.6	1.4	.6	.1														400	400	619	880

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23	.2	.9	.7	.0														260	260	370	826
22/ 21	.2	.9	.5	.0														228	228	254	682
20/ 19	.2	.8	.4	.0														209	209	272	600
18/ 17	.2	.6	.3															155	155	201	512
16/ 15	.1	.5	.3															129	129	134	336
14/ 13	.1	.4	.1															85	85	134	332
12/ 11	.1	.3	.0															46	46	100	242
10/ 9	.1	.2	.0															42	42	49	224
8/ 7	.1	.1																17	17	38	148
6/ 5	.0	.0																5	5	8	155
4/ 3	.0																	4	4	4	69
2/ 1																					69
0/ -1																					61
-2/ -3																					40
-4/ -5																					38
-6/ -7																					31
-8/ -9																					10
-10/-11																					4
-16/-17																					1
-18/-19																					1
-20/-21																					3
TOTAL	8.1	28.7	20.0	13.6	9.0	6.7	5.0	3.7	2.3	1.3	.7	.5	.2	.0	.0	.0			14384		14373
																		14382		14383	

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.	69162956	946688	65.8	21.821	14382							
Dry Bulb	30848122	633118	44.0	14.396	14384		171.4	48.5	17.5	2.8		744
Wet Bulb	23820886	559158	38.9	12.034	14383		234.1	.4				744
Dew Point	17133618	454494	31.6	13.862	14373	9.8	414.2					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.0					3	3		
88/ 87														.0	.0	.0	.0	8	8		
86/ 85										.0	.0	.0	.0	.0	.0	.0		28	28		
84/ 83									.0	.0		.0	.0	.0	.1	.0		28	28		
82/ 81								.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	36	36		
80/ 79							.0	.0	.0	.1	.1	.1	.1	.0				52	52		
78/ 77						.0	.1	.1	.1	.0	.1	.1	.1	.0				75	75		
76/ 75					.0	.1	.1	.1	.1	.1	.1	.2	.1					114	114		
74/ 73				.0	.1	.1	.1	.1	.1	.2	.2	.2	.1					128	128		
72/ 71				.1	.1	.2	.1	.2	.2	.2	.3	.2	.0					211	211		
70/ 69		.0	.0	.2	.2	.2	.2	.2	.3	.3	.3	.1	.0					262	262		
68/ 67		.0	.1	.2	.2	.2	.2	.2	.4	.4	.3	.0						286	286	28	
66/ 65		.2	.3	.2	.2	.2	.2	.4	.4	.3	.1	.0						328	328	69	2
64/ 63	.0	.3	.3	.3	.2	.2	.3	.4	.3	.3	.0	.0						407	407	157	32
62/ 61	.1	.6	.5	.2	.3	.3	.6	.5	.4	.6	.0							484	484	260	132
60/ 59	.1	.7	.5	.3	.4	.5	.5	.6	.5	.1								540	540	331	218
58/ 57	.2	.6	.6	.4	.4	.6	.7	.6	.2	.0								561	561	389	239
56/ 55	.3	.8	.6	.6	.6	.6	.7	.4	.1	.0								639	639	496	290
54/ 53	.4	.9	.7	.6	.7	.8	.6	.4	.1	.0								699	699	545	270
52/ 51	.3	.9	.7	.7	.7	.8	.5	.2	.0									638	638	636	375
50/ 49	.3	.8	.8	.9	1.1	.8	.3	.1	.0									675	675	794	290
48/ 47	.3	1.2	1.0	1.1	1.1	.7	.3	.1										763	763	798	445
46/ 45	.4	1.5	1.3	1.3	1.0	.6	.2	.0										820	820	942	453
44/ 43	.2	1.3	1.3	1.3	.8	.4	.1											701	701	874	494
42/ 41	.5	1.7	1.3	1.0	.7	.2	.0											715	715	969	629
40/ 39	.3	2.1	1.6	1.0	.6	.2		.0										762	762	1040	684
38/ 37	.3	1.8	1.6	1.0	.4	.1												682	682	919	822
36/ 35	.3	1.6	1.5	.8	.3	.0												584	584	834	887
34/ 33	.4	1.4	1.2	.6	.1													484	484	722	884
32/ 31	.3	1.4	.9	.3	.0													389	390	643	857
30/ 29	.4	1.4	.6	.2	.0													343	343	577	867
28/ 27	.3	1.1	.5	.1														265	265	429	841
26/ 25	.2	.8	.3	.0														165	163	285	767
24/ 23	.2	.7	.2	.0														142	142	184	668

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21	.1	.5	.1	.0														83	83	146	481
20/ 19	.1	.1	.1															41	41	79	415
18/ 17	.1	.1	.0															21	21	46	365
16/ 15	.0	.0																6	6	21	257
14/ 13	.0	.0	.0															7	7	5	157
12/ 11		.0	.0															5	5	3	117
10/ 9		.0																4	4	6	75
8/ 7		.0																4	4	4	72
6/ 5		.0																5	5	7	38
4/ 3		.0																1	1	3	10
2/ 1																					12
0/ -1																					11
-2/ -3																					8
-4/ -5																					10
-6/ -7																					5
-8/ -9																					5
TOTAL	6.0	24.6	18.8	13.4	10.1	7.8	5.8	4.6	3.4	2.1	1.4	.9	.5	.2	.2	.1	.0	13194	13195	13195	13184

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	60397899	840085	63.7	22.883	13194							
Dry Bulb	33003198	636814	48.3	13.115	13195		75.5	62.7	24.0	6.9		672
Wet Bulb	24814510	535968	42.1	10.260	13195		123.9	1.4				672
Dew Point	17576740	454028	34.4	12.134	13184	2.0	307.8					672

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.0	2	2		
94/ 93															.0	.0	.0	5	5		
92/ 91												.0		.0	.0	.0	.0	15	15		
90/ 89											.0	.0	.1	.1	.0	.1	.0	43	43		
88/ 87										.0	.0	.1	.1	.0	.1	.0	.0	52	52		
86/ 85								.0	.0	.1	.1	.1	.1	.1	.0	.0		87	87		
84/ 83								.0	.0	.1	.1	.1	.1	.1	.0	.0		86	86		
82/ 81						.0	.0	.1	.1	.1	.1	.2	.1	.0	.0			115	115		
80/ 79						.0	.2	.2	.2	.1	.2	.1	.1	.1	.0			171	171		
78/ 77					.0	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0			244	244		
76/ 75					.1	.3	.3	.1	.2	.2	.3	.3	.1	.0				292	292		
74/ 73			.0	.1	.2	.3	.2	.3	.2	.2	.3	.2	.1					318	318		
72/ 71			.1	.3	.3	.3	.2	.2	.3	.3	.4	.3	.0					412	412	5	
70/ 69		.1	.3	.4	.3	.4	.3	.4	.4	.4	.5	.2						542	542	37	
68/ 67		.2	.4	.5	.3	.3	.4	.5	.5	.6	.4	.1		.0				597	597	181	8
66/ 65	.0	.4	.8	.4	.4	.3	.4	.5	.6	.3	.2							651	651	383	69
64/ 63	.0	.5	.7	.4	.4	.4	.5	.7	.6	.4	.1	.0						679	679	412	164
62/ 61	.1	.7	.7	.3	.4	.5	.5	.6	.4	.2	.0							643	643	522	318
60/ 59	.1	.5	.5	.4	.6	.7	.7	.5	.4	.1	.0							677	677	641	428
58/ 57	.1	.6	.6	.7	.8	.7	.9	.7	.3	.1								803	803	572	385
56/ 55	.3	.7	1.0	.8	.8	.8	.7	.4	.2									828	828	690	477
54/ 53	.1	.7	.7	.8	.9	.9	.6	.3	.0									715	715	797	396
52/ 51	.1	.8	.7	.9	.8	.9	.5	.2	.0									714	714	960	393
50/ 49	.2	1.0	.9	.9	.9	.9	.4	.1	.0									778	778	1092	522
48/ 47	.1	.8	1.0	1.1	1.1	.7	.2	.0										716	716	995	610
46/ 45	.1	1.1	1.0	1.2	1.0	.5	.1	.0	.0									738	738	1057	595
44/ 43	.2	1.1	1.1	1.2	.9	.4	.0	.0										716	716	978	650
42/ 41	.2	.8	1.1	1.1	.5	.2	.0											572	572	941	738
40/ 39	.1	.8	1.1	.9	.5	.1												507	507	904	832
38/ 37	.1	.8	.9	.8	.4	.0												437	437	771	816
36/ 35	.0	.7	.8	.5	.2													322	322	663	842
34/ 33	.1	.8	1.0	.4	.0													332	332	496	308
32/ 31	.3	.8	.7	.2														290	290	484	885
30/ 29	.1	.5	.4	.1														142	142	380	833

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27	.1	.4	.3	.0														113	113	234	797
26/ 25	.0	.2	.2	.0														64	64	129	690
24/ 23		.1	.0	.0														20	20	69	533
22/ 21		.1	.0	.0														18	18	35	422
20/ 19	.0	.1																12	12	29	371
18/ 17	.0	.0																6	6	13	280
16/ 15		.0																1	1	4	230
14/ 13	.0																	1	1	2	165
12/ 11																					89
10/ 9																					33
8/ 7																					34
6/ 5																					19
4/ 3																					16
2/ 1																					7
0/ -1																					1
-2/ -3																					3
-4/ -5																					4
-6/ -7																					1
-8/ -9																					2
-10/-11																					1
TOTAL	2.4	15.3	17.2	14.6	11.5	9.6	7.5	6.0	4.7	3.8	3.0	2.0	1.1	.6	.2	.1	.1	14476	14476	14476	14467

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	95670853	835819	57.722,624		14475							
Dry Bulb	45963588	791928	54.713,505		14476		34.3	153.2	73.5	25.1	.4	744
Wet Bulb	33042951	675323	46.710,309		14476		70.9	11.5				744
Dew Point	22909729	543025	37.712,817		14467	.6	278.5	.4				744

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

4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
100/ 99																	.0		1	1		
98/ 97																	.0		2	2		
96/ 95											.0		.0			.0	.1		18	18		
94/ 93											.0	.0	.0		.0	.0	.1		30	30		
92/ 91										.0	.1	.0	.0	.0	.1	.1	.0		45	45		
90/ 89									.0	.1	.1	.1	.0	.1	.1	.1	.0		84	84		
88/ 87								.0	.1	.2	.2	.2	.1	.1	.1	.0			184	184		
86/ 85						.0	.1	.2	.3	.3	.2	.2	.2	.2	.1	.0	.0		270	270		
84/ 83					.0	.1	.1	.5	.3	.2	.2	.2	.3	.2	.0				291	291		
82/ 81					.1	.3	.5	.4	.4	.3	.2	.3	.3	.1	.0				402	402		
80/ 79				.0	.3	.6	.6	.3	.4	.3	.3	.3	.2	.1					492	492		
78/ 77			.0	.3	.6	.6	.5	.5	.3	.3	.4	.3	.2	.0					557	557		
76/ 75			.2	.7	.9	.5	.6	.4	.4	.3	.5	.2	.0						683	683	11	
74/ 73		.0	.5	1.0	.9	.7	.4	.4	.4	.4	.3	.2	.0						744	744	86	
72/ 71		.2	1.1	1.1	1.0	.5	.4	.5	.3	.4	.4	.1	.0						851	851	309	27
70/ 69	.0	.9	1.8	1.2	.8	.5	.5	.6	.6	.5	.2	.1							1063	1063	716	160
68/ 67	.1	1.4	1.4	1.0	.5	.4	.5	.5	.4	.4	.1	.0							947	947	1004	422
66/ 65	.2	1.6	1.2	.9	.5	.5	.7	.6	.5	.2	.1								990	990	1178	783
64/ 63	.3	1.5	1.1	.6	.4	.7	.6	.6	.3	.1	.0								869	869	1157	1064
62/ 61	.3	1.6	.8	.6	.6	.7	.5	.4	.3	.0									809	809	1067	938
60/ 59	.4	1.4	.7	.9	.9	.6	.5	.4	.2	.0									861	861	1095	941
58/ 57	.3	.9	.8	.7	.6	.5	.6	.2	.1										669	669	965	914
56/ 55	.2	.8	.9	.8	.7	.6	.4	.1	.0										657	657	909	664
54/ 53	.1	.8	1.0	.6	.6	.5	.2	.1											563	563	933	580
52/ 51	.2	.9	.7	.9	.7	.3	.1	.0											531	531	991	624
50/ 49	.2	.7	.6	.8	.6	.3	.0												454	454	864	641
48/ 47	.1	.6	.6	.5	.5	.1	.0												318	318	701	705
46/ 45	.0	.5	.5	.5	.3	.1													270	270	669	741
44/ 43	.0	.3	.5	.4	.1	.0													191	191	488	639
42/ 41		.3	.4	.3	.0														138	138	355	629
40/ 39		.3	.2	.2	.1														102	102	300	683
38/ 37		.1	.1	.1															47	47	190	593
36/ 35	.0	.0	.1	.0															30	30	85	588
34/ 33	.0	.1	.0																16	16	65	464

Elemen. (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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31		.1	.0															11	11	39	387
30/ 29		.0																1	1	13	328
28/ 27																				1	238
26/ 25																					159
24/ 23																					118
22/ 21																					61
20/ 19																					34
18/ 17																					28
16/ 15																					16
14/ 13																					3
12/ 11																					5
10/ 9																					1
8/ 7																					1
TOTAL	2.3	14.8	15.2	14.3	11.6	9.2	7.0	6.7	5.3	4.3	3.4	2.2	1.4	.9	.5	.3	.2		14191		14179
																		14191		14191	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	61228881	876615	61.8	22.334	14191							
Dry Bulb	62174245	925169	65.2	11.445	14191		.6	338.1	193.0	80.5	2.6	720
Wet Bulb	48650801	803417	56.6	9.063	14191		2.7	107.9	4.9			720
Dew Point	36959005	703121	49.6	12.147	14179		70.0	30.9				720

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.0	4	4		
102/101																	.0	2	2		
100/ 99													.0	.0			.0	11	11		
98/ 97									.0	.0	.0	.0	.0	.0			.0	17	17		
96/ 95								.0	.0		.2	.1	.1	.0	.0	.0	.0	63	63		
94/ 93								.0	.0	.2	.3	.2	.1	.1	.1	.0	.0	152	152		
92/ 91							.0	.0	.2	.3	.4	.2	.1	.1	.1	.0	.0	226	227		
90/ 89						.0	.1	.2	.5	.8	.6	.2	.1	.1	.1	.0		395	395		
88/ 87					.0	.0	.2	.7	.9	.8	.3	.2	.2	.1	.0	.0		495	500		
86/ 85					.1	.2	.8	1.0	1.0	.5	.2	.2	.2	.1	.0	.0		624	637		
84/ 83				.0	.1	.6	1.1	1.2	.8	.3	.3	.1	.1	.0	.0			681	685		
82/ 81			.0	.1	.4	1.0	1.5	.9	.5	.3	.3	.2	.1	.0				764	770	3	
80/ 79			.1	.4	1.0	1.5	1.2	.7	.4	.3	.2	.1		.0	.0			835	837	23	
78/ 77		.0	.2	.8	1.8	1.3	.9	.5	.4	.2	.1	.1	.0	.0	.0			928	932	69	2
76/ 75		.1	.8	1.8	1.9	1.2	.6	.5	.3	.1	.1	.0	.0	.0				1093	1098	285	36
74/ 73	.0	.3	1.8	1.9	1.5	.6	.5	.3	.2	.1	.1	.0						1081	1084	758	92
72/ 71	.0	.9	2.2	2.0	.9	.4	.4	.2	.1	.1	.1		.0					1063	1068	1375	281
70/ 69	.1	1.7	2.4	1.6	.8	.7	.3	.3	.1	.1	.0							1179	1183	2123	753
68/ 67	.1	2.1	2.3	1.0	.8	.5	.3	.2	.1	.0								1062	1068	1927	1533
66/ 65	.4	2.8	1.8	.7	.5	.4	.1	.1	.0	.0	.0							1018	1029	1836	1852
64/ 63	.3	2.5	1.1	.6	.4	.2	.2	.1		.0								765	767	1524	2078
62/ 61	.3	1.8	.7	.5	.3	.2	.1	.0	.0									564	565	1269	1822
60/ 59	.4	1.3	.7	.5	.2	.1	.1	.0										469	469	964	1392
58/ 57	.2	.8	.6	.4	.2	.0	.0											332	332	671	893
56/ 55	.2	.7	.3	.3	.1	.0	.0											237	237	984	723
54/ 53	.0	.3	.3	.3	.1	.0	.0											157	157	337	658
52/ 51	.1	.3	.2	.1	.0	.0												94	94	267	528
50/ 49	.0	.3	.2	.0	.0	.0												83	83	199	441
48/ 47	.1	.2	.1	.0	.0													56	56	151	372
46/ 45		.1	.1	.0	.0													31	31	58	316
44/ 43		.0	.0	.0														8	8	47	226
42/ 41	.0	.0		.0														9	9	19	196
40/ 39				.0														2	2	10	118
38/ 37																				2	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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-69,67-70 (YEARS) MAY (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																				4	32
34/ 33																					24
32/ 31																					27
30/ 29																					14
28/ 27																					13
26/ 25																					7
24/ 23																					2
22/ 21																					1
20/ 19																					2
16/ 15																					2
TOTAL	2.2	16.3	16.1	13.2	11.1	9.0	8.4	6.9	5.6	4.2	3.2	1.6	1.0	.6	.3	.1	.1	14500	14572	14501	14496

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	71218849	976517	67.4	19.387	14499							
Dry Bulb	78984261	1063203	73.0	9.839	14572			548.0	378.5	199.6	12.7	744
Wet Bulb	61368214	938686	64.7	6.458	14501			336.7	58.4	.6		744
Dew Point	53097523	870099	60.0	7.752	14496		3.5	138.4	6.7			744

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
106/105																.0	.0	8	8		
104/103														.0	.1	.0	.1	32	32		
102/101													.0	.1	.1	.1	.0	46	46		
100/ 99											.0	.2	.4	.3	.1	.0	.0	144	144		
98/ 97										.0	.3	.6	.8	.4	.1	.0		311	311		
96/ 95									.1	.4	1.1	1.1	.7	.1	.0			509	509		
94/ 93								.1	.4	1.0	1.3	.9	.2	.1	.0			562	562		
92/ 91							.0	.4	1.1	1.8	1.2	.4	.1	.1				742	742		
90/ 89						.0	.3	1.2	2.2	1.4	.6	.2	.1	.0				871	871		
88/ 87					.0	.2	.9	1.9	1.7	.7	.3	.1	.0	.0				824	824		
86/ 85					.1	.8	1.9	2.1	.9	.4	.2	.0	.0					913	913		
84/ 83			.0	.0	.7	1.9	2.3	1.2	.4	.2	.1	.0						966	966		
82/ 81			.0	.3	1.3	2.4	1.4	.5	.2	.1	.1	.0						934	934	1	
80/ 79	.0	.0	.4	1.4	2.9	1.9	.8	.3	.1	.1	.0							1148	1148	93	
78/ 77	.0	.1	.9	2.6	2.5	1.3	.4	.1	.1	.1	.0							1153	1153	474	10
76/ 75	.0	.6	2.1	2.8	1.8	.7	.2	.1	.1	.0								1184	1184	1644	71
74/ 73	.0	1.1	2.8	2.1	.8	.3	.1	.1	.0									1048	1048	2786	469
72/ 71	.0	1.7	2.1	1.3	.6	.2	.1	.1										865	865	2983	1167
70/ 69	.2	1.7	1.7	.6	.2	.1	.1	.0										656	656	2395	2288
68/ 67	.1	1.4	1.1	.3	.2	.1	.0											493	493	1539	2922
66/ 65	.2	1.1	.5	.2	.2	.1	.0											328	328	952	2529
64/ 63	.2	.6	.2	.2	.2	.0	.0											210	210	506	1927
62/ 61	.1	.3	.2	.1	.0	.0												108	108	309	1107
60/ 59	.0	.1	.1	.0														46	46	187	594
58/ 57		.2	.1	.0														41	41	138	309
56/ 55		.1	.1															39	39	77	214
54/ 53		.1	.0															13	13	54	183
52/ 51		.0																1	1	20	182
50/ 49																				1	106
48/ 47																					40
46/ 45																					16
44/ 43																					8
42/ 41																					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

4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUN (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.0	9.2	12.3	12.2	11.7	10.1	8.6	8.2	7.5	6.1	5.4	3.6	2.3	1.2	.4	.2	.1	14155	14155	14155	14144

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	61700911	897953	63.4	18.294	14155							
Dry Bulb	93317662	1141946	80.7	9.176	14155			680.0	579.6	379.5	82.0	720
Wet Bulb	70535028	997280	70.5	4.387	14155			605.9	254.2	1.0		720
Dew Point	61320907	928815	65.7	4.808	14144			352.6	28.0			720

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

4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
112/111																	.0	2	2		
110/109																	.0	1	1		
108/107																	.0	5	5		
106/105															.0	.1	.2	50	50		
104/103													.0	.0	.2	.3	.2	122	122		
102/101													.2	.7	.7	.4	.1	307	307		
100/ 99												.0	.2	1.0	1.4	.8	.1	519	519		
98/ 97									.0	.0	.3	1.4	2.1	1.0	.3	.0		739	739		
96/ 95									.0	.5	1.7	2.0	1.0	.3	.0			805	805		
94/ 93								.0	.4	1.0	1.9	1.1	.3	.1	.0			808	808		
92/ 91							.0	.4	1.6	2.1	1.3	.3	.1	.2				856	856		
90/ 89						.0	.3	1.2	2.2	1.5	.6	.2	.0	.0				893	893		
88/ 87					.0	.2	1.2	2.1	1.7	.7	.2	.0						901	901		
86/ 85					.1	1.0	2.2	2.0	1.0	.3	.1	.0						973	973		
84/ 83				.1	.6	2.0	2.3	1.0	.5	.1	.0	.0						966	966		
82/ 81			.0	.4	2.0	2.5	1.6	.5	.2	.0	.0							1058	1058	4	
80/ 79			.4	2.0	3.2	1.9	.8	.3	.1	.0								1267	1267	70	
78/ 77		.3	1.6	3.1	2.3	.9	.3	.1	.0									1275	1275	594	8
76/ 75	.0	1.1	3.2	2.3	1.0	.3	.2	.0	.0									1189	1189	2568	86
74/ 73	.1	2.5	2.3	.8	.3	.2	.1	.0	.0									913	913	4076	556
72/ 71	.3	2.0	.8	.2	.1	.1	.0	.0										524	524	3826	1863
70/ 69	.3	.9	.2	.2	.1	.0	.0											257	257	2065	2874
68/ 67	.0	.1	.1	.1	.0	.0												61	61	818	2947
66/ 65	.0	.1	.1	.1	.0	.0												37	37	254	2187
64/ 63	.0	.0	.1	.0	.0													31	31	179	1637
62/ 61		.0	.0	.0														7	7	51	1059
60/ 59		.0	.0	.0														4	4	46	571
58/ 57			.0															1	1	13	369
56/ 55		.0																1	1	4	205
54/ 53																				2	103
52/ 51																					59
50/ 49																					33
48/ 47																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUL (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.8	7.1	8.9	9.3	9.8	9.2	9.0	7.7	7.8	6.9	6.2	5.3	4.7	3.5	2.1	1.0	.6	14572	14572	14572	14565

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	55181504	850106	58.3	19.582	14572							
Dry Bulb	105674707	1234195	84.7	8.856	14572			739.9	696.9	494.5	171.4	744
Wet Bulb	76183384	1052742	72.2	2.974	14572			716.0	373.4	.9		744
Dew Point	64786328	969330	66.6	4.349	14565			425.7	33.2			744

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

4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-69,67-70 (YEARS) AUG (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
110/109																	.0	3	3		
108/107															.0	.0	.1	17	17		
106/105														.0	.1	.2	.2	72	72		
104/103													.0	.2	.5	.3	.1	166	166		
102/101												.0	.2	.7	.8	.3	.1	298	298		
100/ 99											.0	.4	1.0	1.3	.7	.2	.0	536	536		
98/ 97										.1	.3	1.1	1.8	.8	.2	.1	.1	649	649		
96/ 95									.1	.4	1.3	1.9	1.0	.3	.2	.0	.0	740	740		
94/ 93								.0	.3	1.0	1.6	1.0	.6	.3	.1	.0	.0	739	739		
92/ 91						.0	.0	.3	1.0	1.6	1.3	.7	.3	.2	.0	.0		793	793		
90/ 89						.0	.2	.9	1.6	1.5	1.0	.5	.2	.1	.0			878	878		
88/ 87					.0	.1	.6	1.7	1.8	1.0	.5	.3	.1	.0				907	907		
86/ 85					.1	.7	1.7	1.9	1.1	.5	.3	.1	.0					937	937		
84/ 83				.1	.5	1.6	2.0	1.2	.6	.2	.1	.0						924	924		
82/ 81			.1	.4	1.5	2.3	1.6	.7	.4	.1	.1	.0						1032	1032	3	
80/ 79		.0	.2	1.4	2.7	1.9	1.0	.6	.2	.1	.0							1169	1169	80	
78/ 77	.0	.2	.9	2.8	2.1	1.1	.6	.3	.2	.0	.0							1213	1213	517	3
76/ 75	.0	.9	2.4	2.3	1.2	.5	.4	.2	.1	.0								1184	1184	2009	80
74/ 73	.0	1.9	2.2	1.1	.5	.4	.2	.1	.0	.0								950	950	3282	377
72/ 71	.2	1.6	1.0	.8	.5	.2	.1	.0	.0									652	652	3519	1303
70/ 69	.1	.7	.6	.6	.4	.2	.0	.0	.0									370	370	2339	2334
68/ 67	.0	.3	.3	.4	.2	.0	.0											178	178	1241	2497
66/ 65	.0	.1	.2	.2	.1	.0	.0											91	91	724	2307
64/ 63	.0	.1	.2	.1	.0	.0												59	59	415	1844
62/ 61		.0	.1		.0	.0												17	17	250	1228
60/ 59		.0			.0	.0												8	8	142	926
58/ 57					.0													1	1	38	674
56/ 55																				16	445
54/ 53																				4	230
52/ 51																				5	136
50/ 49																					85
48/ 47																					54
46/ 45																					20
44/ 43																					24

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 3/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																					10
40/ 39																					1
TOTAL	.4	5.9	8.1	10.0	9.7	9.1	8.7	7.8	7.4	6.7	6.5	6.0	5.3	3.8	2.6	1.2	.6	14587	14583	14584	14578

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.	52203255	824781	56.6	19.514	14582							
Dry Bulb	104561240	1227360	84.2	9.303	14583			735.0	673.8	474.8	164.3	744
Wet Bulb	74186031	1038711	71.2	3.761	14584			662.7	300.5	1.2		744
Dew Point	62130479	948693	65.1	5.188	14578			336.5	23.5			744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
108/107															.0		.0	4	4		
106/105													.0	.0	.0		.0	8	8		
104/103														.1	.0		.0	19	19		
102/101												.0	.0	.1	.0	.1	.0	35	35		
100/ 99												.0	.2	.1	.1	.1	.1	82	82		
98/ 97											.0	.2	.3	.3	.1	.1	.0	148	148		
96/ 95										.1	.4	.6	.6	.5	.1	.1		331	331		
94/ 93								.0	.1	.3	.8	.7	.5	.2	.1	.0		418	418		
92/ 91				.0			.0	.1	.3	.8	.8	.3	.4	.2	.1	.0	.0	457	457		
90/ 89				.0		.0	.1	.3	1.1	.9	.5	.4	.4	.1	.1	.0		588	588		
88/ 87						.1	.5	1.0	1.1	.5	.4	.4	.2	.1	.0			601	601		
86/ 85			.0		.0	.4	.9	1.0	.7	.4	.4	.3	.2	.1				620	620	1	
84/ 83		.0		.0	.2	.8	1.1	.9	.5	.4	.3	.2	.1	.0				664	664	2	1
82/ 81		.0	.0	.2	.9	1.1	1.1	.6	.6	.4	.4	.1	.0					779	779	2	2
80/ 79	.0	.0	.1	1.0	1.4	1.2	.8	.7	.6	.4	.3	.1	.0					946	946	20	1
78/ 77	.0	.1	.6	1.4	1.4	.9	.7	.6	.4	.4	.1	.0						942	942	176	11
76/ 75	.1	.8	2.0	1.8	1.2	.8	.6	.5	.4	.3	.1	.0						1214	1214	750	33
74/ 73	.1	2.1	2.1	1.4	.9	.7	.6	.4	.3	.1	.0							1207	1207	1558	220
72/ 71	.4	2.2	1.8	1.2	.8	.7	.4	.4	.1	.1	.0							1132	1132	2199	985
70/ 69	.3	1.9	1.2	1.2	.6	.7	.4	.2	.1	.0								933	933	1959	1484
68/ 67	.1	1.4	1.2	.8	.6	.5	.3	.1	.1	.0								727	727	1501	1651
66/ 65	.3	1.5	1.1	.7	.5	.4	.2	.1	.0									661	661	1347	1575
64/ 63	.1	1.1	.9	.5	.3	.3	.2	.0	.0									482	482	1206	1377
62/ 61	.1	.7	.7	.4	.3	.2	.0	.0										348	348	959	1167
60/ 59	.0	.8	.5	.4	.3	.1	.0	.0										290	290	790	1035
58/ 57		.6	.4	.2	.2	.1												201	201	596	906
56/ 55	.0	.2	.3	.2	.1	.0	.0											126	126	402	831
54/ 53		.1	.2	.1	.0	.0												58	58	270	662
52/ 51	.0	.1	.0	.1	.0													38	38	175	585
50/ 49	.0	.0	.0	.0														12	12	101	448
48/ 47		.0	.0	.0														7	7	36	381
46/ 45			.0	.0														4	4	20	269
44/ 43																				6	173
42/ 41																				4	132

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
40/ 39																				2	65
38/ 37																					49
36/ 35																					17
34/ 33																					15
32/ 31																					1
TOTAL	1.6	13.8	13.0	11.7	9.9	9.0	7.9	7.0	6.7	5.3	4.5	3.5	3.0	1.9	.8	.4	.2		14082		14076
																		14082		14082	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	62246423	889277	63.2	20.788	14081							
Dry Bulb	84264893	1079931	76.7	10.134	14082			606.1	463.4	268.9	33.4	720
Wet Bulb	68369179	940559	66.8	6.237	14082			417.6	128.3	.6		720
Dew Point	53860425	863615	61.4	7.882	14076		.1	224.5	13.7	.2		720

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.0	4	4		
102/101																	.0	1	1		
100/ 99														.0	.0	.0	.0	5	5		
98/ 97													.0	.0	.0		.0	7	7		
96/ 95											.0	.0	.0	.1	.0	.0	.0	24	24		
94/ 93										.0	.0	.1	.0	.1	.0	.1	.1	60	60		
92/ 91								.0	.0	.1	.1	.0	.1	.1	.1	.1	.0	108	108		
90/ 89							.0	.1	.2	.1	.1	.2	.1	.1	.1	.0		158	158		
88/ 87						.0	.1	.2	.2	.2	.3	.1	.2	.1	.1			216	216		
86/ 85						.1	.2	.3	.4	.4	.3	.2	.2	.2	.0			347	350		
84/ 83				.0	.0	.2	.3	.4	.5	.5	.5	.2	.1	.1	.0			413	417		
82/ 81			.0	.1	.2	.3	.5	.5	.5	.4	.2	.2	.1	.0				459	465		
80/ 79			.0	.2	.4	.5	.5	.4	.3	.3	.3	.3	.1	.0				513	515		
78/ 77		.0	.1	.3	.5	.6	.6	.5	.3	.5	.3	.2	.0					604	617	14	
76/ 75		.2	.5	.7	.8	.7	.6	.4	.4	.4	.3	.2	.0					753	765	120	4
74/ 73	.0	.5	.8	.6	.6	.6	.6	.4	.6	.4	.2	.1	.0					819	827	294	53
72/ 71	.1	.9	.7	.8	.7	.7	.5	.5	.5	.3	.2	.0						898	906	531	217
70/ 69	.2	.8	1.0	1.0	.7	.6	.5	.5	.4	.3	.2	.0						944	954	890	435
68/ 67	.2	.9	1.1	.9	.7	.6	.6	.4	.4	.2	.1	.0						951	959	991	579
66/ 65	.3	1.3	1.1	.8	.9	.7	.4	.4	.3	.1	.0							979	998	1116	639
64/ 63	.3	1.6	.8	.9	.7	.8	.4	.4	.3	.1	.0							921	926	1194	858
62/ 61	.4	1.3	1.2	.9	.7	.6	.4	.3	.1	.0								897	908	1140	972
60/ 59	.2	1.1	1.1	1.0	.7	.6	.4	.3	.1	.0								825	842	1084	899
58/ 57	.2	1.3	.8	.8	.6	.6	.4	.1	.0									732	742	1172	871
56/ 55	.2	1.0	1.0	.8	.7	.5	.3	.0	.0									667	669	1115	995
54/ 53	.1	.8	1.0	.7	.6	.3	.1	.0										564	564	938	930
52/ 51	.2	1.3	.9	.9	.4	.2	.0	.0										587	587	862	759
50/ 49	.1	.9	1.0	.6	.4	.2	.0	.0										477	477	886	854
48/ 47	.1	.8	.6	.5	.2	.0	.0											341	341	770	899
46/ 45	.0	.5	.5	.3	.1	.1	.0											240	240	665	812
44/ 43	.0	.3	.3	.2	.1	.0												146	146	579	734
42/ 41	.1	.3	.2	.2	.0	.0												124	124	304	690
40/ 39	.1	.2	.2	.1	.0													74	74	204	657
38/ 37	.0	.2	.1	.0	.0													47	47	129	533

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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35	.0	.1	.0	.0														22	22	90	428
34/ 33		.0	.0	.0														9	9	26	300
32/ 31	.0	.0																8	8	19	288
30/ 29																				11	175
28/ 27																					151
26/ 25																					95
24/ 23																					37
22/ 21																					9
20/ 19																					22
18/ 17																					32
16/ 15																					11
14/ 13																					1
TOTAL	2.9	16.5	15.0	13.4	10.7	9.5	7.9	6.6	5.7	4.4	3.1	1.8	1.1	.8	.3	.2	.2	14944	15080	14944	14939

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	67442901	931205	63.72	21.484	14944							
Dry Bulb	67956184	996790	66.11	1.711	15080		.4	363.0	223.9	103.6	5.0	744
Wet Bulb	51106429	863461	57.8	9.012	14944		1.5	141.4	21.3			744
Dew Point	41526502	769536	51.51	1.237	14939		40.9	64.1	2.8			744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.0	.0					3	3		
88/ 87											.0	.0	.0	.0				16	16		
86/ 85									.0	.0	.0	.0	.1	.0				35	35		
84/ 83								.0	.1	.0	.1	.1	.1					59	59		
82/ 81						.0	.0	.1	.1	.1	.0	.1	.1					79	79		
80/ 79						.0	.1	.2	.1	.2	.1	.1	.1					141	141		
78/ 77				.0	.1	.1	.3	.3	.2	.2	.2	.1	.0					203	203		
76/ 75			.0	.2	.1	.3	.2	.3	.2	.3	.2	.1	.0					270	270		
74/ 73		.0	.2	.2	.2	.3	.2	.2	.2	.3	.3	.0	.0					288	288		
72/ 71		.2	.3	.2	.4	.2	.3	.3	.4	.3	.2	.0	.0					401	401	11	
70/ 69	.0	.3	.3	.4	.4	.4	.4	.4	.4	.4	.2	.0	.0					503	503	140	22
68/ 67	.0	.3	.4	.4	.3	.3	.3	.4	.4	.4	.2	.0						475	475	212	109
66/ 65	.0	.5	.8	.4	.4	.3	.4	.4	.5	.3	.1	.0						608	608	279	128
64/ 63	.1	.7	.7	.4	.3	.3	.4	.6	.6	.2	.0							629	629	465	160
62/ 61	.3	1.0	.6	.5	.2	.5	.4	.5	.5	.1								639	639	549	368
60/ 59	.4	1.0	.6	.4	.4	.6	.6	.8	.3	.0								721	721	683	513
58/ 57	.4	1.2	.7	.5	.6	.6	.6	.5	.2	.0								752	752	678	479
56/ 55	.4	1.3	.7	.8	.9	.7	.7	.5	.0									831	831	718	477
54/ 53	.5	1.3	.8	.8	.7	.8	.6	.2	.0									819	819	784	565
52/ 51	.2	1.1	.9	1.0	1.0	.8	.5	.1	.0									811	811	790	558
50/ 49	.3	1.3	1.0	1.1	1.0	.7	.3	.1										828	828	920	670
48/ 47	.5	1.2	1.1	1.1	.8	.5	.2											753	753	1043	571
46/ 45	.4	1.3	1.4	1.0	.7	.5	.1	.0										775	775	1039	682
44/ 43	.1	1.5	1.4	.9	.6	.3	.1	.0										694	694	1009	701
42/ 41	.1	1.5	1.2	.9	.5	.1	.0											624	624	952	764
40/ 39	.1	1.5	1.3	.8	.3	.2	.0											594	594	891	852
38/ 37	.1	.9	1.0	.8	.2	.0	.0											432	432	747	864
36/ 35	.1	.9	.7	.5	.1	.0												337	337	614	862
34/ 33	.1	.9	.6	.3	.1	.0												280	280	473	784
32/ 31	.1	.4	.5	.2	.1													188	188	402	779
30/ 29	.0	.4	.3	.1	.0													148	148	252	662
28/ 27	.0	.3	.3	.1														96	96	203	566
26/ 25	.0	.2	.1	.1														53	53	138	511
24/ 23	.0	.1	.1	.0														25	25	71	457

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 3/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
22/ 21	.0	.1	.1																25	25	37	350
20/ 19		.0	.0																7	7	29	252
18/ 17		.0	.0																4	4	12	176
16/ 15		.0																	9	9	5	127
14/ 13		.0																	2	2	9	71
12/ 11																						74
10/ 9																						56
8/ 7																						44
6/ 5																						23
4/ 3																						28
2/ 1																						17
0/ -1																						5
-2/ -3																						5
-4/ -5																						1
TOTAL	4.4	21.4	18.3	14.0	10.5	8.6	6.8	5.9	4.4	2.9	1.7	.7	.4	.1					14151	14191	14151	14133

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	64237653	899503	63.622,333		14150							
Dry Bulb	43285695	761897	53.812,651		14151		28.1	125.8	55.7	13.9		720
Wet Bulb	33040764	667622	47.210,443		14151		58.9	18.5				720
Dew Point	24886859	563863	39.913,003		14133	.6	214.2	6.7				720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89															.0			2	2		
88/ 87															.0			1	1		
86/ 85												.0	.0	.0				8	8		
84/ 83										.0	.0	.0	.0		.0			12	12		
82/ 81									.0	.0	.0	.0	.0	.0				20	20		
80/ 79							.0	.0	.0	.0	.0	.0	.0	.0				23	23		
78/ 77							.0	.0	.0	.0	.0	.1	.0					31	31		
76/ 75					.0	.0	.0	.1	.0	.0	.1	.1	.0					61	61		
74/ 73				.0	.0	.1	.1	.1	.1	.1	.2	.1	.0					110	110		
72/ 71				.0	.1	.1	.2	.1	.1	.2	.1	.1						130	130		
70/ 69			.0	.1	.1	.1	.1	.1	.2	.3	.1	.0						173	173		
68/ 67		.0	.1	.2	.2	.1	.1	.2	.3	.3	.1	.0						225	225	5	
66/ 65	.0	.1	.3	.3	.2	.1	.2	.3	.4	.3	.1	.0						343	343	35	
64/ 63	.0	.3	.4	.2	.2	.2	.3	.6	.4	.2	.1							417	417	141	30
62/ 61	.1	.7	.4	.3	.2	.3	.4	.6	.4	.1								479	479	230	95
60/ 59	.1	.7	.4	.3	.2	.5	.6	.6	.2	.1								517	517	307	183
58/ 57	.2	.7	.4	.3	.3	.7	.7	.5	.2	.0								558	558	333	282
56/ 55	.4	.7	.4	.3	.7	.7	.8	.4	.1	.0								641	641	414	270
54/ 53	.2	.6	.3	.5	.8	.8	.6	.5	.0									641	641	409	273
52/ 51	.2	.9	.6	.7	.9	.9	.6	.2	.0									707	707	527	270
50/ 49	.3	1.0	.6	1.1	1.1	.8	.6	.1										806	806	708	310
48/ 47	.4	1.3	.9	1.2	1.2	.9	.2	.0										865	865	893	351
46/ 45	.4	1.3	1.1	1.4	1.1	.6	.1	.0										852	853	959	425
44/ 43	.5	1.7	1.4	1.3	1.0	.3	.0											912	912	1022	485
42/ 41	.5	1.5	1.6	1.6	.7	.1												850	850	1060	595
40/ 39	.6	1.4	1.8	1.5	.6	.1												859	859	1217	762
38/ 37	.5	1.6	2.1	1.2	.4													831	831	1074	882
36/ 35	.2	1.7	2.0	.9	.1													693	693	1009	880
34/ 33	.3	1.7	1.7	.4	.1	.0												597	597	924	919
32/ 31	.2	1.7	1.1	.2	.0													474	474	781	1056
30/ 29	.2	1.7	.8	.2	.0	.0												417	417	661	1085
28/ 27	.1	1.3	.6	.1														296	296	464	992
26/ 25	.1	.9	.3	.0														18	188	337	935
24/ 23	.1	.4	.2	.0														11	110	215	815

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 Poin												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 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
22/ 21	.1	.5	.2	.0														103	103	116	648
20/ 19	.1	.4	.1															85	85	112	481
18/ 17	.0	.1	.1															30	30	80	323
16/ 15	.0	.2	.0															27	27	36	171
14/ 13	.0	.1	.0															15	15	24	160
12/ 11		.1																8	8	17	138
10/ 9		.0																1	1	7	120
8/ 7																					46
6/ 5																					50
4/ 3																					25
2/ 1																					30
0/ -1																					13
-2/ -3																					3
-4/ -5																					2
-6/ -7																					1
TOTAL	5.7	25.3	20.5	14.9	10.6	7.4	5.5	4.3	2.6	1.7	.8	.5	.2	.0	.0			14118		14106	
																	14117		14117		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	65568003	912923	64.72	21.497	14115							
Dry Bulb	32693765	656789	46.51	12.309	14118		92.6	41.9	14.1	2.8		744
Wet Bulb	25026387	577523	40.9	9.959	14117		150.2	.3				744
Dew Point	17820179	473565	33.61	11.672	14106	1.0	374.2					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JAN (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1	.1														4	4		
68/ 67		.1		.1		.1					.1							6	6		
66/ 65		.3	.6		.1													16	16	4	
64/ 63	.1	1.2	.9	.3				.1	.1	.1								48	48	19	7
62/ 61		.4	.8	.1	.1		.2	.1										30	30	31	29
60/ 59	.2	.6	.7	.1	.1	.1	.1											31	31	25	25
58/ 57	.5	.9	.5	.2	.2	.3												43	43	45	32
56/ 55	.2	1.0	.5	.3	.4	.1	.2											47	47	30	37
54/ 53	.3	1.1	.2	.4	.3	.3	.2											50	50	30	29
52/ 51	.6	1.1	.3	.6	.4	.3	.1											60	60	48	40
50/ 49	.7	1.9	.5	.8	.8	.2												84	84	58	34
48/ 47	.3	1.0	.7	1.3	.9	.1												77	77	68	42
46/ 45	.5	1.0	1.5	.9	1.0	.3												89	89	54	51
44/ 43	.6	1.6	1.3	1.7	.5		.1											98	98	85	44
42/ 41	.2	1.8	2.0	1.6	.3													103	103	85	43
40/ 39	.8	1.3	2.1	1.0	.3													94	94	121	75
38/ 37	.5	2.3	2.5	1.5	.6													129	129	112	76
36/ 35	.5	2.2	1.8	1.3	.4													108	108	128	90
34/ 33	.5	2.5	1.7	1.3	.1													106	106	114	95
32/ 31	.2	3.2	1.8	1.0														107	107	105	105
30/ 29	1.3	2.1	2.4	.4														120	121	147	110
28/ 27	.5	2.0	1.6	.1														70	70	112	127
26/ 25	.8	1.3	.6	.1														48	48	99	108
24/ 23	.2	1.4	.6															39	39	55	103
22/ 21	.2	.7	.4															23	23	39	76
20/ 19	.4	1.3	.5	.1														39	39	28	68
18/ 17	.2	.5	.5															20	20	29	66
16/ 15	.3	.7	.3															22	22	26	47
14/ 13	.1	.5	.1															12	12	19	35
12/ 11		.4																7	7	12	34
10/ 9	.1	.3																6	6	10	26
8/ 7	.1																	2	2	4	10
6/ 5	.1																	2	2	2	10
4/ 3																					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												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 — STATION
FT WOLTERS AAF TEX/MINERAL WELLS — STATION NAME
49-65,67-70 — 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
2/ 1																					8
0/ -1																					12
-2/ -3																					2
-4/ -5																					3
-6/ -7																					5
-8/ -9																					2
TOTAL	10.9	37.4	27.4	15.1	6.4	1.7	.7	.2	.1	.1	.1							1740	1741	1740	1739

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10064398	129100	74.2	16.713	1740							
Dry Bulb	2989972	68948	39.6	12.211	1741		27.7	.5				93
Wet Bulb	2562918	63582	36.5	11.720	1740		36.5					93
Dew Point	2058160	54742	31.5	13.882	1739	1.3	52.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.1														1	1		
68/ 67			.3	.2														8	8		
66/ 65		.2	.5	.1				.1										16	16	1	
64/ 63	.2	1.1	.7	.1			.1		.1	.1								42	42	22	11
62/ 61	.1	.9	.4	.1	.1			.1	.1									29	29	28	21
60/ 59	.1	.7	.3	.2	.1	.1												26	26	33	29
58/ 57	.4	.8	.6	.1		.1												37	37	34	40
56/ 55	.3	.8	.5	.1	.1	.1												35	35	31	29
54/ 53	1.0	1.0	.6	.4	.2	.3	.3											69	69	46	37
52/ 51	.6	1.0	.4	.2	.1	.3												52	52	41	39
50/ 49	.7	2.2	.4	.5	.3	.2	.1											79	79	53	44
48/ 47	.5	.9	.8	.7	.3	.2												64	64	72	48
46/ 45	.3	1.1	1.1	1.3	.3													81	81	41	47
44/ 43	.4	1.4	1.7	1.3	.4	.2												98	98	63	38
42/ 41	.2	1.4	2.2	1.1	.3													96	96	86	36
40/ 39	.9	2.0	1.0	.5	.2													85	85	119	59
38/ 37	.7	1.8	1.6	.5	.3													89	89	114	80
36/ 35	.8	2.7	2.7	1.0	.1													135	135	110	94
34/ 33	.5	2.6	2.2	.7	.2													113	113	107	104
32/ 31	.8	3.8	2.2	.3	.1													133	133	118	113
30/ 29	.9	3.3	2.0	.3														119	119	163	96
28/ 27	.5	3.2	1.5	.1														96	96	112	141
26/ 25	1.1	3.1	1.0															96	96	129	97
24/ 23	.4	1.5	1.1															56	56	79	117
22/ 21	.3	1.3	.5															38	38	50	112
20/ 19	.5	1.1	.2															33	33	51	82
18/ 17	.3	.9	.4															28	28	37	66
16/ 15	.1	.9	.4															25	25	13	30
14/ 13	.3	.8	.1															22	22	30	59
12/ 11	.2	.3																9	9	23	38
10/ 9	.1	.5																11	11	10	28
8/ 7	.2	.1																4	4	9	20
6/ 5	.1																	1	1	1	18
4/ 3	.1																	2	2	2	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JAN MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					19
0/ -1																					14
-2/ -3																					4
-4/ -5																					4
-6/ -7																					2
-8/ -9																					2
TOTAL	13.9	43.5	27.5	9.7	3.0	1.6	.4	.2	.2	.1								1828	1828	1828	1825

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11348514	141092	77.2	15.841	1828							
Dry Bulb	2912432	69270	37.9	12.543	1828		34.2	.5				93
Wet Bulb	2553093	64617	35.3	12.133	1828		42.1					93
Dew Point	2105689	56387	30.9	14.117	1825	1.3	54.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
70/ 69				.1														1	1		
68/ 67			.2	.3														9	9		
66/ 65		.2	.2															6	6	3	
64/ 63	.2	.9	.4		.1		.1											29	29	10	9
62/ 61	.3	.9	.2	.1	.1		.1	.1										32	32	35	20
60/ 59	.1	.7	.2	.1					.1									20	20	25	29
58/ 57	.2	.8	.3		.1	.1	.2	.1										30	30	22	22
56/ 55	.7	1.0	.2	.1		.2	.1											41	41	32	29
54/ 53	.4	1.5	.3	.4	.2	.2	.1	.1										56	56	35	37
52/ 51	.4	1.5	.3	.1	.3	.2	.1	.1										52	52	43	39
50/ 49	1.4	2.0	.4	.4	.1	.3												82	82	64	56
48/ 47	.9	1.5	.8	.1	.2	.2												68	68	66	46
46/ 45	.5	1.3	.5	.7	.5	.2												66	66	58	50
44/ 43	.4	1.3	1.3	1.1	.4	.1												81	81	57	34
42/ 41	.5	1.7	1.6	.9	.1													90	90	57	50
40/ 39	.8	1.6	2.3	1.3	.2													113	113	97	45
38/ 37	.5	2.6	1.9	1.0	.3													114	114	118	66
36/ 35	1.0	2.4	2.0	.7	.1	.1												114	114	127	90
34/ 33	1.1	2.7	1.6	.3	.1													105	105	113	103
32/ 31	.4	4.5	1.9	.2														129	129	116	108
30/ 29	1.0	3.6	1.1	.2														109	109	157	111
28/ 27	.9	3.5	1.5															109	109	103	142
26/ 25	1.2	3.4	1.0															102	102	129	121
24/ 23	.4	1.9	.8															96	96	83	100
22/ 21	.5	1.9	.8															97	97	97	92
20/ 19	.7	1.4	.4															46	46	65	82
18/ 17	.4	.8	.3															28	28	43	80
16/ 15		.9	.4															23	23	18	58
14/ 13	.5	.7	.1															22	22	27	48
12/ 11	.2	.4																10	10	23	29
10/ 9	.3	.7																18	18	11	27
8/ 7	.2	.3																9	9	19	27
6/ 5		.1																2	2	4	31
4/ 3	.1																	2	2	2	4

Element (λ)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-63,67-70 YEARS | JAN MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					10
0/ -1																					10
-2/ -3																					12
-4/ -5																					8
-6/ -7																					2
-8/ -9																					2
TOTAL	16.3	48.4	22.8	7.8	2.6	1.3	.5	.2	.1									1831	1831	1831	1829

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11744411	143825	78.5	15.628	1831							
Dry Bulb	2768663	67425	36.8	12.496	1831		36.7	.5				93
Wet Bulb	2451607	63203	34.5	12.149	1831		48.5					93
Dew Point	2047597	59491	30.3	14.111	1829	1.7	56.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.1											1	1		
76/ 75						.1	.1	.1										4	4		
74/ 73					.1	.2					.1							5	5		
72/ 71				.2	.3	.1	.1	.1				.1						15	15		
70/ 69			.2	.5	.2	.2			.1	.1								23	23		
68/ 67			.3	.7	.3	.1			.1	.1	.1							30	30		
66/ 65		.3	.6	.2	.2	.2	.2	.2	.3	.2	.1							43	43	18	
64/ 63	.1	.3	.5	.3	.2	.1	.2	.1	.2	.1								36	36	31	13
62/ 61		.5	.2	.2	.3	.1	.3	.4	.2									40	40	37	25
60/ 59	.2	.3	.3	.5	.3	.3	.3	.5	.1	.1								51	51	36	40
58/ 57	.1	1.1	.6	.4	.1	.3	.8	.1										63	63	28	31
56/ 55	.2	.7	.5	.3	.6	.6	.3	.4	.1									72	72	41	39
54/ 53	.2	.7	.4	.5	.7	.7	.5	.2										71	71	46	25
52/ 51	.4	1.0	.5	.4	.8	.8	.5	.2										83	83	56	46
50/ 49	.5	1.5	.6	1.0	1.4	.7	.4											113	113	72	50
48/ 47	.2	.6	.6	1.2	1.3	1.1	.3											98	98	83	41
46/ 45	.4	1.9	.8	1.6	1.0	.3	.1											113	113	100	45
44/ 43	.4	.5	1.4	1.7	1.3	.4												106	106	107	46
42/ 41	.3	.4	1.4	1.4	.9	.2	.1											86	86	109	51
40/ 39	.3	1.1	1.0	1.8	.5	.1												87	87	125	56
38/ 37	.3	2.2	1.6	1.5	.8													118	118	142	67
36/ 35	.6	1.7	1.6	1.3	.4	.1												104	104	132	128
34/ 33	.2	2.0	1.5	1.0	.2													90	90	107	122
32/ 31	.3	2.1	.9	.4	.1													69	69	128	113
30/ 29	.7	1.5	1.3	.2														66	66	106	112
28/ 27	.4	1.4	1.4	.2														63	63	66	125
26/ 25	.5	.7	.8	.3														42	42	74	117
24/ 23	.2	.7	.9															32	32	38	100
22/ 21	.1	.6	.7	.1														26	26	31	86
20/ 19	.2	.7	.4															23	23	35	75
18/ 17	.2	.8	.3															22	22	27	59
16/ 15		.8	.3															20	20	21	36
14/ 13		.2	.3															9	9	16	47
12/ 11		.3	.1															7	7	11	30

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AU 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PAGE 2 | 0900-1100 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
10/ 9		.2	.1																5	5	8	35
8/ 7		.1																	1	1	5	12
6/ 5																					1	23
4/ 3																						8
2/ 1																						7
0/ -1																						7
-2/ -3																						9
-4/ -5																						3
-6/ -7																						3
-10/-11																						1
-18/-19																						1
-20/-21																						2
TOTAL	6.8	26.8	22.0	18.0	11.7	6.6	4.4	2.2	.9	.3	.2	.1							1837	1837	1837	1836

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.	8850881	122237	66.6	19.722	1837							
Dry Bulb	3766641	79551	43.3	13.237	1837		19.5	3.9	.5			93
Wet Bulb	2995294	70934	38.6	11.813	1837		28.7					93
Dew Point	2213752	58288	31.7	14.070	1836	1.3	51.2					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87															.1	.1		2	2		
86/ 85												.1			.1			2	2		
84/ 83											.1	.1		.1	.1			5	5		
82/ 81								.1	.2	.1	.2			.1				9	9		
80/ 79								.1	.2	.1	.1		.1					9	9		
78/ 77						.1	.1	.1	.2	.1		.2	.1					14	14		
76/ 75					.1	.3	.3	.4	.2		.2	.3	.1					34	34		
74/ 73					.5	.3	.4	.4	.2	.4	.3	.5	.1					57	57		
72/ 71				.2	.3	.4	.1	.2	.2	.4	.2	.3	.1					43	43		
70/ 69			.1	.4	.5	.4	.6	.2	.5	.5	.3	.3	.1					72	72		
68/ 67			.2	.4	.5	.4	.4	.3	.6	.8	.3	.1						74	74	5	
66/ 65		.1	.1	.2	.4	.5	.2	.7	.9	.5	.1	.1						66	66	29	
64/ 63		.1	.1	.4	.4	.4	.3	1.1	.8	.3								70	70	41	4
62/ 61	.1	.4	.2	.2	.2	.1	.6	1.1	.3	.2								62	62	52	30
60/ 59		.2	.4	.3	.4	.4	1.4	1.1	1.0	.4								96	96	47	27
58/ 57	.1	.1	.1	.2	.4	1.2	1.5	1.0	.8									99	99	51	32
56/ 55	.1	.3	.1	.5	.8	.7	1.5	1.2	.4									102	102	68	33
54/ 53	.2	.4	.3	.6	.9	1.1	1.5	.9	.1									110	110	72	36
52/ 51		.5	.3	.6	.4	1.0	1.6	.5	.1									90	90	75	35
50/ 49	.4	1.0	.4	.3	.9	1.3	1.0	.1										97	97	136	41
48/ 47	.3	.5	.8	.5	1.1	.8	.5	.1										85	85	164	48
46/ 45	.2	.9	.3	.6	1.0	.8	.3											72	72	121	50
44/ 43	.2	.3	.8	.7	.7	1.0	.4											74	74	136	63
42/ 41	.1	.4	.3	.7	1.0	.7	.1											60	60	111	56
40/ 39		.7	.9	.7	.7	.2	.1											59	59	122	67
38/ 37		.7	.4	.6	.3	.2												39	39	93	101
36/ 35	.4	.9	.8	.8	.4	.2												65	65	94	99
34/ 33	.1	.8	.8	.5	.1													41	41	73	116
32/ 31	.2	1.4	.8	.4	.2													53	53	69	112
30/ 29	.3	.8	.5	.1	.1													33	33	69	104
28/ 27	.4	.7	.6	.4	.1													40	40	56	97
26/ 25	.3	.2	.3	.1														17	17	34	114
24/ 23	.1	.5	.7	.1														25	25	28	105
22/ 21	.1	.5	.3															17	17	20	94

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-63,67-70 YEARS | JAN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19		.5	.2	.1														14	14	27	75
18/ 17	.1	.4	.2															14	14	14	53
16/ 15		.1	.2															5	5	11	42
14/ 13		.2	.1															5	5	5	46
12/ 11		.1	.1															3	3	10	25
10/ 9																				1	34
8/ 7																					23
6/ 5																					14
4/ 3																					6
2/ 1																					12
0/ -1																					6
-2/ -3																					5
-4/ -5																					3
-6/ -7																					2
-10/-11																					1
-16/-17																					1
-20/-21																					1
TOTAL	3.3	13.6	11.2	10.6	12.3	12.4	12.7	9.6	6.5	3.4	1.7	1.8	.5	.1	.2	.1		1834	1834	1834	1833

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9875873	95487	52.1	22.212	1834							
Dry Bulb	5262386	94458	51.5	14.728	1834		11.5	16.2	6.7	1.1		93
Wet Bulb	3619674	78740	42.9	11.421	1834		17.4	.3				93
Dew Point	2233477	58757	32.1	13.820	1833	1.0	49.5					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																.1		1	1		
90/ 89																.1		1	1		
88/ 87															.1	.1		2	2		
86/ 85											.1		.1					3	3		
84/ 83										.1		.2		.3				10	10		
82/ 81									.1	.1	.1	.1	.2					8	8		
80/ 79									.2	.1	.3	.1	.3					19	19		
78/ 77							.1	.2	.2	.1	.4	.1	.2					24	24		
76/ 75						.3	.3	.5	.4	.4	.4	.5	.2					55	55		
74/ 73					.2	.2	.6	.1	.4	.6	.3	.6	.2					58	58		
72/ 71				.3	.6	.7	.3	.3	.4	.1	.6	.4	.1					67	67		
70/ 69				.6	.6	.4	.4	.4	.8	.7	.4	.1	.1					79	79		
68/ 67			.2	.1	.2	.2	.1	.6	.4	.8	.3							54	54	3	
66/ 65		.1		.1	.2	.4	.1	.8	.9	1.1	.3							71	71	25	
64/ 63	.1	.1		.1	.2	.2	.3	1.1	1.0	.3		.1						64	64	56	6
62/ 61	.1	.3	.3	.1	.1	.6	1.1	1.3	1.1	.2	.1							95	95	49	20
60/ 59	.1	.1	.2	.3	.5	1.1	1.0	1.7	1.3	.2								121	121	54	33
58/ 57	.1	.2	.2	.8	.7	.8	.8	1.5	.4	.3								103	103	66	32
56/ 55		.3	.3	.5	.6	.8	1.9	1.4	.4									118	118	59	33
54/ 53	.2	.2	.4	.3	.2	.8	1.8	1.0	.1									90	90	80	38
52/ 51		.5	.4	.3	.6	1.0	1.3	.6										84	84	116	36
50/ 49	.2	.7	.4	.4	.4	1.2	.6	.3										79	79	152	33
48/ 47	.3	.7	.4	.5	.5	1.0	.7	.1										74	74	145	56
46/ 45	.3	.4	.4	.5	.7	.8	.7	.2										73	73	134	65
44/ 43	.1	.4	.4	.7	.7	.3	.4	.1										57	57	127	73
42/ 41		.2	.7	.2	.6	.2	.5											42	42	124	84
40/ 39		.6	.6	.6	.6	.3	.1											46	46	111	55
38/ 37		.8	.7	1.0	.7	.1												60	60	78	93
36/ 35	.2	.6	.9	.6	.2													46	46	80	87
34/ 33	.1	.7	.8	.4	.3													41	41	67	107
32/ 31	.4	.9	.4	.3	.1													40	40	72	117
30/ 29	.1	.5	.4	.2	.2													24	24	58	96
28/ 27	.3	.4	.3	.2	.1													24	24	34	107
26/ 25	.6	.4	.1	.1														22	22	36	116

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23	.1	.5	.5															20	20	29	108
22/ 21		.4	.3	.1														16	16	12	79
20/ 19		.3	.2															11	11	18	78
18/ 17	.1	.2																4	4	15	52
16/ 15			.3															6	6	6	43
14/ 13		.3																6	6	3	35
12/ 11																				9	34
10/ 9																					30
8/ 7																					21
6/ 5																					15
4/ 3																					8
2/ 1																					5
0/ -1																					5
-2/ -3																					1
-4/ -5																					8
-6/ -7																					5
-8/ -9																					3
-10/-11																					1
TOTAL	3.1	10.9	9.8	9.5	9.7	11.2	12.9	12.3	8.4	5.1	3.3	2.1	1.2	.3	.1	.2		1818	1818		1818
																				1818	

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.	5252916	88722	48.8	22.539	1818							
Dry Bulb	5642552	97682	53.7	14.726	1818		8.8	19.5	9.3	1.7		93
Wet Bulb	3757812	80166	44.1	11.074	1818		14.9	.2				93
Dew Point	2220862	58432	32.1	13.735	1818	1.2	49.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77								.1					.1					2	2		
76/ 75							.1		.1	.1								3	3		
74/ 73						.1	.1	.1	.1	.1	.1	.2						10	10		
72/ 71					.1	.2		.1	.1		.2							12	12		
70/ 69				.7	.3	.2		.3	.1	.2	.1							34	34		
68/ 67			.5	.5	.3	.4	.2	.1	.1	.2	.1							42	42		
66/ 65		.3	.3	.6	.3	.3	.3	.2	.2	.3								50	50	2	
64/ 63		.4	.2	.5	.3	.2	.7	.2	.5	.3								57	57	36	3
62/ 61	.3	.3	.5	.5	.4	.4	.1	.6	.5	.1								64	64	41	28
60/ 59	.1	.4	.6	.2	.5	.5	.6	.6	.2									62	62	29	28
58/ 57		.5	.2	.3	.8	1.0	.5	.7	.1	.1								71	71	48	22
56/ 55	.1	.2	.3	.6	1.0	1.3	1.1	.4	.1									89	89	46	42
54/ 53	.2	.3	.9	1.0	1.3	1.6	1.2	.2			.1							117	117	37	28
52/ 51	.3	.7	.5	.8	1.5	1.0	.6	.2										98	98	59	29
50/ 49	.3	.6	1.0	1.0	1.8	1.6	.3	.1										117	117	97	34
48/ 47	.3	1.1	1.2	1.2	1.2	1.1	.3	.1										114	114	121	49
46/ 45	.3	1.1	.7	.9	1.1	1.3	.3											100	100	143	64
44/ 43	.3	.7	.9	1.7	1.5	.7												101	101	141	72
42/ 41	.1	.9	1.1	1.0	.7	.5												77	77	123	83
40/ 39		1.1	.9	1.6	.7	.2	.1											81	81	117	70
38/ 37		1.1	.9	1.4	.7	.2												74	74	111	65
36/ 35	.3	1.1	.7	1.3	.6	.1												73	73	117	91
34/ 33	.2	1.1	1.0	1.3	.1													64	64	93	115
32/ 31	.5	1.1	.9	.4	.1													51	51	84	121
30/ 29	.2	1.1	1.3	.3														50	51	89	122
28/ 27	.2	.7	.2	.2														21	21	61	108
26/ 25	.2	1.1	.4	.3														35	35	51	104
24/ 23	.2	.4	.2	.1														15	15	23	99
22/ 21	.1	.7	.5	.1														23	23	19	67
20/ 19		.5	.6															18	18	18	54
18/ 17	.1	.5	.4															17	17	21	71
16/ 15	.1	.3	.2															10	10	16	47
14/ 13	.1	.1	.1															4	4	14	30
12/ 11	.1	.1																3	3	6	21

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																				1	29
8/ 7																					14
6/ 5																					23
4/ 3																					6
2/ 1																					4
0/ -1																					2
-2/ -3																					3
-4/ -5																					2
-6/ -7																					9
≤10/-11																					1
TOTAL	4.1	18.4	17.1	18.2	15.4	12.8	6.5	3.8	1.8	1.2	.5	.2	.1					1759	1760	1760	1760

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7144129	106191	60.4	20.424	1759							
Dry Bulb	4147691	82421	46.8	12.793	1760		13.1	5.6	.8			93
Wet Bulb	3128273	71647	40.7	10.968	1760		21.1					93
Dew Point	2156307	56901	32.3	13.418	1760	.9	49.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
70/ 69				.2	.2													6	6		
68/ 67			.2	.3	.2	.1			.1	.1	.1							19	19		
66/ 65		.4	.6	.4	.1	.1			.1									29	29		
64/ 63	.1	.6	.5	.7	.1	.1	.1	.1	.1	.1	.1							43	43	22	4
62/ 61	.3	.9	.5	.4		.2	.1	.2	.2	.1								50	50	41	26
60/ 59	.1	.5	.3	.6	.4	.5	.1	.1		.1								46	46	34	31
58/ 57	.2	.8	.3	.1	.4	.3	.1	.1										39	39	37	28
56/ 55	.1	.5	.5	.5	.4	.5	.3	.1										51	51	30	44
54/ 53	.2	.6	.2	.8	.7	.4	.2	.1										57	57	25	25
52/ 51	.2	1.0	.4	1.2	.7	1.2	.2											87	87	42	33
50/ 49	.5	1.2	.9	1.3	1.4	1.0												119	119	73	34
48/ 47	.6	1.0	1.0	1.3	1.3	.5												98	98	91	41
46/ 45	.6	1.3	1.0	1.7	1.1	.5	.1											111	111	91	54
44/ 43	.2	1.5	1.3	1.6	1.0	.2	.2											105	105	93	54
42/ 41	.1	1.7	1.5	1.7	1.1	.1												105	105	136	63
40/ 39	.2	1.8	1.7	1.3	.7													98	98	110	77
38/ 37	.2	1.8	1.7	1.7	.8	.1												108	108	130	81
36/ 35	.3	1.7	1.7	1.6	.2													96	96	116	95
34/ 33	.3	1.9	1.7	1.8	.1													99	99	107	95
32/ 31	.1	2.1	1.3	1.0	.2													81	81	101	106
30/ 29	.4	1.7	2.1	.3														78	78	125	126
28/ 27	.6	1.2	.8	.2														47	47	96	110
26/ 25	.4	1.2	.6															38	38	71	103
24/ 23	.2	.4	.4															17	17	35	94
22/ 21	.2	1.3	.2															28	28	26	76
20/ 19	.2	.9	.4															25	25	30	86
18/ 17	.1	.7	.3															22	22	15	63
16/ 15		.8	.2															18	18	23	33
14/ 13		.3	.1															5	5	20	32
12/ 11		.4																7	7	6	31
10/ 9	.1																	2	2	8	15
8/ 7	.1																	1	1	1	15
6/ 5																					21
4/ 3																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JAN MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					4
0/ -1																					5
-2/ -3																					4
-4/ -5																					7
-6/ -7																					3
-8/ -9																					1
TOTAL	6	30	72	26	20	11	5	1	0	0	0	1						1735	1735	1735	1735	1733

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8882034	120014	69.2	18.295	1735							
Dry Bulb	3357405	73363	42.3	12.139	1735		19.8	1.3				93
Wet Bulb	2752613	66269	38.2	11.300	1735		29.9					93
Dew Point	2097574	53496	32.0	13.601	1733	1.1	50.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

PAGE 1 0000-0700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75												.1						1	1		
74/ 73												.1						1	1		
72/ 71												.1						1	1		
70/ 69				.1							.1							2	2		
68/ 67			.1	.1					.1		.1							6	6		
66/ 65		.1	.1					.1		.1	.1							14	14		
64/ 63		.4	.5	.1		.2	.1		.1	.2		.1						28	28	9	1
62/ 61	.2	.7	.4	.3	.2	.2	.3	.1	.2									44	44	23	17
60/ 59	.2	.9	.8	.4	.1	.1	.3	.1										46	46	22	26
58/ 57	.3	1.1	.9	.4	.2	.3	.3	.1										60	60	38	23
56/ 55	.4	1.1	1.1	.5	.5	.5	.3	.1	.1									72	72	37	32
54/ 53	.5	1.4	1.1	.7	.4	.8	.3											82	82	61	39
52/ 51	.5	.8	.9	1.1	.6	.4	.1											71	71	54	46
50/ 49		1.1	1.3	1.1	.6	.4	.1											75	75	61	22
48/ 47	.8	2.0	1.5	1.2	1.0	.5	.1											113	113	92	71
46/ 45	.6	2.2	2.0	1.8	.6	.4												122	122	116	59
44/ 43	.4	1.4	2.0	1.5	1.1	.1												104	104	107	71
42/ 41	.7	2.9	1.9	1.7	.5	.1												125	125	103	70
40/ 39	.2	3.7	2.5	1.6	.3	.1												138	138	154	77
38/ 37	.1	1.9	2.3	1.7	.4													104	104	130	124
36/ 35	.3	2.0	2.9	1.1	.1													107	107	128	110
34/ 33	.6	1.6	1.5	.6	.1													69	69	106	120
32/ 31	.2	1.8	.8	.4														51	51	102	94
30/ 29	.7	2.3	.6	.2														41	41	93	103
28/ 27	.3	1.5	.3	.1														38	38	59	110
26/ 25	.1	1.0	.4															24	24	36	91
24/ 23	.4	.4	.1															16	16	31	86
22/ 21	.1	.7	.2															16	16	17	54
20/ 19	.2	.4	.1															12	12	16	48
18/ 17	.1																	2	2	10	38
16/ 15																					34
14/ 13		.1																2	2	1	12
12/ 11		.1																1	1	1	8
10/ 9																				1	7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7		.1																1	1		7
6/ 5		.1																1	1	1	5
4/ 3		.1																1	1	2	
2/ 1																					2
0/ -1																					1
-6/ -7																					1
-8/ -9																					2
TOTAL	8.3	33.7	26.9	16.4	6.8	4.2	2.0	.4	.4	.4	.2	.2							1611		1611
																		1611		1611	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9165839	117093	73.2	18.037	1611							
Dry Bulb	3246259	70317	43.6	10.486	1611		11.8	.6	.1			84
Wet Bulb	2722771	64351	39.9	9.723	1611		19.3					84
Dew Point	2170304	56038	34.8	11.717	1611	.2	36.7					84

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — FEB MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
70/ 69											.1							1	1		
68/ 67										.1								1	1		
66/ 65		.2	.5							.1								14	14		
64/ 63		.5	.4						.1									17	17	9	
62/ 61	.3	.8	.3			.1	.3	.1	.3	.1								42	42	20	25
60/ 59	.2	.8	.6	.3	.1	.1	.1		.2									40	40	26	17
58/ 57	.4	.7	.6	.4			.2	.1	.1									42	42	33	24
56/ 55	.5	1.3	.8	.2	.1	.4	.1											57	57	33	40
54/ 53	.5	1.2	.9	.3	.3	.3		.1										63	63	50	25
52/ 51	.9	1.3	.8	.2	.4	.4												67	67	59	60
50/ 49	.7	.7	1.1	.9	.7	.4												74	74	51	37
48/ 47	.5	1.4	.9	.8	.3	.2	.1											75	75	63	45
46/ 45	.8	2.8	1.3	1.0	.3	.4												112	112	92	53
44/ 43	.4	1.4	1.8	1.7	.1	.1												92	92	90	59
42/ 41	1.1	2.9	1.9	.8	.4	.1												120	120	98	73
40/ 39	.7	4.6	2.5	1.1	.3	.1												134	134	148	66
38/ 37	.5	3.3	2.5	1.2	.7													138	138	146	111
36/ 35	.5	2.7	2.8	.6	.4													115	115	122	125
34/ 33	.4	2.9	2.6	.9														114	114	117	103
32/ 31	.4	2.9	1.5															80	80	124	103
30/ 29	.7	2.3	.8	.2														69	69	130	121
28/ 27	.7	2.2	1.1	.3														71	71	91	111
26/ 25	.5	1.2	.4	.1														37	37	52	118
24/ 23	.3	.9	.3															25	25	44	89
22/ 21	.1	1.0																18	18	29	61
20/ 19		.4	.3															11	11	14	50
18/ 17	.2	.2																8	8	16	48
16/ 15	.1																	2	2	4	38
14/ 13																					24
12/ 11		.1																1	1		8
10/ 9		.1																2	2	1	7
8/ 7		.1																1	1	2	11
6/ 5		.1																2	2	2	3
4/ 3																				1	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
0/ -1																					2
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
TOTAL	11.5	41.1	27.1	11.2	4.4	2.7	.8	.3	.7	.2	.1							1667	1667	1667	1666

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10288685	127817	76.7	17.120	1667							
Dry Bulb	3035425	68951	41.4	10.493	1667		16.5	.1				84
Wet Bulb	2621236	63950	38.4	10.040	1667		25.7					84
Dew Point	2153236	56460	33.9	12.001	1666	.3	40.5					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69										.1								1	1		
68/ 67			.1	.1														4	4		
66/ 65		.4	.1					.1										10	10		
64/ 63	.1	.7	.3						.1									19	19	13	6
62/ 61	.2	.5	.7				.1	.1	.1									26	26	16	14
60/ 59	.1	1.0	.4	.1		.1		.1	.3									35	35	20	15
58/ 57	.4	.9	.4	.1	.1	.2	.1	.2										39	39	36	31
56/ 55	.7	1.2	.3	.4	.4	.1	.2	.1										58	58	35	40
54/ 53	1.0	1.4	.7	.2	.2	.1	.2	.1										65	65	44	30
52/ 51	.6	1.3	.2	.2	.4	.1	.1	.1										48	48	49	48
50/ 49	.7	1.1	.5	.3	.9	.2	.1											64	64	59	36
48/ 47	.7	1.3	1.1	.7	1.1	.4	.1											90	90	47	51
46/ 45	.9	1.6	2.0	1.1	.4	.3												105	105	64	40
44/ 43	.5	2.1	1.7	.7	.4	.1												91	91	88	40
42/ 41	.8	2.8	1.9	.9	.3													111	111	110	64
40/ 39	1.2	3.5	2.3	1.3	.4			.1										144	144	143	88
38/ 37	.8	3.7	2.6	1.0	.1	.1												136	136	140	104
36/ 35	.4	2.9	2.0	.8	.3													107	107	120	109
34/ 33	1.0	2.8	1.9	.9	.1													111	111	145	118
32/ 31	.6	3.4	2.2	.4														110	110	106	103
30/ 29	.9	3.2	1.3		.1													92	92	122	114
28/ 27	.8	2.6	.8	.1														73	73	119	124
26/ 25	.2	1.1	.7	.1														36	36	64	114
24/ 23	.2	2.0	.4	.1														45	45	38	93
22/ 21	.1	.9	.1															18	18	42	68
20/ 19	.3	.3	.2															13	13	21	61
18/ 17	.1	.2																6	6	10	46
16/ 15	.2	.1																4	4	10	37
14/ 13	.1																	2	2	2	25
12/ 11		.1																1	1		19
10/ 9		.1																1	1	1	9
8/ 7		.1																2	2	1	7
6/ 5		.1																2	2	4	3
4/ 3																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					2
0/ -1																					1
-2/ -3																					1
-4/ -5																					2
-6/ -7																					2
TOTAL	13.7	43.3	25.2	9.5	4.9	1.5	.7	.8	.5	.1									1669		1667
																		1669		1669	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10534355	129651	77.7	15.657	1669							
Dry Bulb	2912126	67448	40.4	10.571	1669		20.4	.3				84
Wet Bulb	2539059	62835	37.6	10.196	1669		27.2					84
Dew Point	2101098	55660	33.4	12.068	1667	.3	42.0					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79							.1											1	1		
78/ 77							.1				.1							3	3		
76/ 75					.1	.1	.1					.1						5	5		
74/ 73					.1	.1	.1	.1		.1		.1						7	7		
72/ 71				.1	.1	.2			.1	.3	.2							17	17		
70/ 69		.1	.1	.2	.4	.2	.1	.1	.2	.1	.1	.1						28	28		
68/ 67		.1	.2	.1	.2	.2	.1	.2	.2	.4	.2							32	32	3	
66/ 65		.2	.4	.5	.1	.1	.3	.4	.3	.2								43	43	13	2
64/ 63		.2	.6	.7	.2	.3	.3	.2	.6	.2								57	57	17	10
62/ 61	.1	.2	.4	.1	.4	.4	.9	.7	.2									57	57	26	13
60/ 59		.8	.2	.4	.6	.8	.8	.4	.4									71	71	33	19
58/ 57	.2	1.0	.7	.5	.2	.8	.5	.8	.1									82	82	42	38
56/ 55	.6	.7	.4	.7	1.2	.7	.8	.4										90	90	56	42
54/ 53	.3	.7	.5	.5	1.0	1.2	.4	.2										78	78	64	39
52/ 51	.3	.9	.5	1.0	.8	1.3	.5	.2										92	92	62	31
50/ 49	.4	.9	1.3	1.3	1.6	1.0	.3	.1										114	114	108	40
48/ 47	.2	1.1	1.4	1.3	1.0	1.1	.3	.1										108	108	102	48
46/ 45	.2	1.0	1.1	1.6	2.0	.7												109	109	123	45
44/ 43		2.1	1.3	1.6	1.4	.5												115	115	134	54
42/ 41	.4	1.3	1.4	1.7	1.2	.4	.1											106	106	131	95
40/ 39	.3	1.1	1.7	1.3	.4	.2												82	82	126	110
38/ 37	.1	1.7	1.3	1.4	.4	.1												81	81	131	90
36/ 35	.5	1.5	1.0	1.0	.3	.1												71	71	126	111
34/ 33	.5	1.0	.8	.9	.1													56	56	89	112
32/ 31	.2	.9	.8	.7	.1													46	46	78	117
30/ 29	.4	.9	.9	.3														42	42	53	120
28/ 27	.1	.7	.5	.2														25	25	56	109
26/ 25	.2	1.0	.1															22	22	42	79
24/ 23	.1	.4	.2															13	13	24	85
22/ 21	.1	.2	.1															7	7	14	64
20/ 19	.1		.2															5	5	9	51
18/ 17		.1	.1															3	3	2	47
16/ 15																				4	26
14/ 13		.1																1	1	1	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																				1	13
10/ 9		.1																1	1		9
8/ 7																				1	11
6/ 5																					6
2/ 1																					2
-2/ -3																					1
-4/ -5																					3
TOTAL	5.3	20.8	18.1	17.8	13.8	10.5	5.6	3.9	2.1	1.3	.6	.2							1670		1667
																		1670		1670	

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.	7452365	106021	63.52	20.795	1670							
Dry Bulb	4027974	79694	47.71	11.608	1670		8.3	4.7	.8	.1		84
Wet Bulb	3095614	69998	41.9	9.841	1670		14.3	.2				84
Dew Point	2222235	57419	34.41	12.113	1667	.2	38.7					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	We Bulb	Dew Point
90/ 89													.1					1	1		
88/ 87															.1			2	2		
86/ 85										.1	.1	.1	.1	.1	.1	.1		8	8		
84/ 83									.1			.1	.1	.1	.3			12	12		
82/ 81								.1		.1	.1	.3	.3			.1		16	16		
80/ 79								.1	.1	.1	.1	.2	.4	.1				19	19		
78/ 77						.1	.2	.2	.2	.1	.1	.1	.2					21	21		
76/ 75					.1	.1	.1	.4	.2	.1	.4	.5	.2					35	35		
74/ 73				.1	.3	.1	.4	.3	.2	.4	.4	.5	.1					46	46		
72/ 71				.2	.2	.4	.3	.8	.7	.5	1.0	.3						71	71		
70/ 69			.1	.4	.5	.7	.4	.5	.6	.7	.9	.1						80	80		
68/ 67				.2	.5	.4	.4	.8	.8	1.1	.7	.1						83	83	10	
66/ 65			.4	.3	.5	.6	.5	1.0	1.0	.7	.1	.1						86	86	18	
64/ 63		.1	.4	.2	.3	.3	.8	1.0	1.0	.8								81	81	32	5
62/ 61		.3	.3	.4	.3	.3	.8	1.3	.8	.2	.1							79	79	55	17
60/ 59	.1	.4	.4	.1	.4	.8	.8	.9	.8	.1								78	78	61	35
58/ 57	.1	.2	.3	.2	.6	.9	1.2	1.0	.5									83	83	76	26
56/ 55	.2	.3	.3	.4	1.0	.7	1.5	.8	.2									90	90	85	43
54/ 53		.2	.7	.7	.5	1.2	1.0	1.6	.2	.1								100	100	86	35
52/ 51	.1	.5	.9	.6	1.0	1.1	1.0	.4	.1									89	89	107	45
50/ 49	.1	.8	.3	.3	1.1	1.3	.7	.4										86	86	162	34
48/ 47	.1	1.1	.4	1.0	1.1	.9	.5	.3										90	90	124	53
46/ 45	.1	.7	.7	1.0	.8	.5	.4											68	68	132	65
44/ 43	.1	.8	.5	.8	.5	.7	.3											63	63	114	65
42/ 41	.2	.6	.4	.5	.4	.5	.1											45	45	119	92
40/ 39	.1	.8	.5	.3	.6	.2												44	44	123	76
38/ 37	.1	.8	.7	.8	.5	.2												53	53	76	107
36/ 35		1.1	.6	.5	.3													43	43	76	92
34/ 33	.1	.3	.5	.2	.1													21	21	48	124
32/ 31	.2	.5	.5	.2														23	23	60	114
30/ 29	.1	.4	.3	.2														16	16	39	102
28/ 27	.1	.4	.3	.1														14	14	21	93
26/ 25	.1	.4	.2															10	10	19	89
24/ 23		.4																6	6	12	78

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21	.2		.1	.1														5	5	10	70
20/ 19																					41
18/ 17			.1															1	1	1	54
16/ 15																				2	33
14/ 13																					31
12/ 11																					13
10/ 9																					9
8/ 7																					9
6/ 5																					7
4/ 3																					2
2/ 1																					3
0/ -1																					2
-2/ -3																					1
-4/ -5																					1
TOTAL	1.9	11.0	9.2	9.9	11.8	11.9	11.4	11.8	7.6	5.0	3.8	2.4	1.4	.2	.5	.1		1668	1668		1666
																				1668	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4972690	83000	49.8	22.482	1668							
Dry Bulb	5471483	92943	55.7	13.268	1668		3.8	19.8	8.1	2.3		84
Wet Bulb	3670969	76569	45.9	9.676	1668		8.3	.5				84
Dew Point	2240159	57493	34.5	12.402	1666	.2	37.9					84

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-63,67-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89													.1					2	2		
88/ 87														.1	.2	.1	.1	6	6		
86/ 85										.2		.2	.3	.1	.2	.2		20	20		
84/ 83										.1		.2	.1	.2	.2	.1		15	15		
82/ 81									.1	.2	.1	.1	.2	.2	.1			16	16		
80/ 79								.1		.3	.4	.2	.2	.1				25	25		
78/ 77						.2	.4	.2	.3	.1	.2	.3	.5	.1				39	39		
76/ 75					.1	.2	.3	.5	.4	.5	.2	.7	.4					56	56		
74/ 73				.1	.1	.3	.2	.2	.4	.6	.8	.5	.4					59	59		
72/ 71				.1	.4	.5	.5	.3	.8	.8	.7	.8	.2					87	87		
70/ 69			.1	.4	.5	.7	.7	.4	1.1	.9	.8	.4	.1					101	101		
68/ 67				.4	.4	.2	.4	.4	1.4	1.0	.9							86	86	10	
66/ 65				.4	.3	.4	.4	1.0	.8	.3	.4							69	69	27	
64/ 63		.2	.4	.5	.2	.2	.8	1.5	1.3	.6								95	95	39	6
62/ 61	.1	.5	.4	.2	.3	.2	1.0	1.0	1.0	.7								87	87	64	11
60/ 59		.1	.1	.2	.5	.8	.6	1.6	1.1	.5								92	92	73	38
58/ 57		.1	.1	.4	.4	.7	1.0	1.0	.7									74	74	80	32
56/ 55		.3	.4	.4	.2	1.0	.9	1.2	.7	.4								90	90	89	39
54/ 53		.2	.5	.4	.9	1.0	1.3	.8	.2									89	89	98	34
52/ 51		.8	.5	.6	.5	1.1	1.1	.4										86	86	142	50
50/ 49		.4	.4	.5	.8	.7	.6	.2	.1									62	62	150	36
48/ 47		.9	.4	.8	1.1	.8	.4	.2										77	77	128	63
46/ 45	.2	.6	.7	.7	.4	.8	.4	.1										66	66	134	64
44/ 43	.1	.5	.2	.8	.6	.8	.2											53	53	116	53
42/ 41	.1	1.0	.2	.4	.5	.4												42	42	121	84
40/ 39		.3	.3	.6	.4	.4												33	33	100	88
38/ 37	.2	.7	.7	.5	.2	.1												40	40	54	98
36/ 35	.1	.5	.3	.3	.1													21	21	76	101
34/ 33	.1	.5	.4	.4	.1													25	25	55	108
32/ 31	.3	.2	.2	.1														15	15	34	118
30/ 29		.2	.2															7	7	25	89
28/ 27	.1	.4	.1															9	9	16	81
26/ 25	.1	.5																10	10	17	98
24/ 23		.4		.2														9	9	8	88

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21		.1																1	1	4	62
20/ 19																				3	65
18/ 17																				1	49
16/ 15																					35
14/ 13																					16
12/ 11																					18
10/ 9																					12
8/ 7																					12
6/ 5																					3
4/ 3																					3
2/ 1																					3
0/ -1																					4
-2/ -3																					2
TOTAL	1.3	9.4	6.6	9.6	9.0	11.4	11.3	11.2	10.3	7.6	4.5	3.5	2.5	.8	.7	.4	.1		1664		1663
																		1664		1664	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4366478	76582	46.0	22.500	1664							
Dry Bulb	5949231	96983	58.3	13.358	1664		2.6	25.8	12.0	3.8		84
Wet Bulb	3851218	78498	47.2	9.438	1664		8.5	.5				84
Dew Point	2237405	57313	34.5	12.560	1663	.3	38.3					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — FEB MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83															.1			1	1		
82/ 81									.1		.1			.1			.1	4	4		
80/ 79							.1				.1	.1		.2				7	7		
78/ 77							.1			.1	.1		.1	.1				6	6		
76/ 75						.1	.1	.2	.1	.1	.2	.1	.1					16	16		
74/ 73					.1	.2	.1		.1	.2	.1	.1						14	14		
72/ 71				.1	.4	.4	.1	.1	.2	.1	.4	.2						34	34		
70/ 69				.5	.1	.3	.3	.2	.2	.2	.3	.2						37	37		
68/ 67			.4	.4	.4	.8	.2	.4	.5	.5	.1							61	61	3	
66/ 65		.2	.2	.4	.3	.6	.5	.5	.7	.3	.1							59	59	12	
64/ 63		.2	.5	.4	.8	.3	.7	.4	.9	.3	.1							73	73	25	2
62/ 61		1.0	.8	.4	.7	.6	1.1	.6	.7									96	96	32	24
60/ 59	.2	.4	.5	.5	.7	.7	1.2	.9	.9	.1								100	100	54	34
58/ 57		.3	.7	.5	.9	1.2	1.5	1.1	.2									103	103	54	29
56/ 55		.3	.6	1.2	1.2	1.0	1.0	.6	.1									96	96	68	30
54/ 53	.1	.7	.7	.9	1.2	1.1	1.5	.5	.2									112	112	73	33
52/ 51	.1	.8	.7	.9	.9	1.3	.6	.4	.1									93	93	104	47
50/ 49		.9	.7	1.2	1.0	1.7	.6	.1										101	101	118	53
48/ 47		.9	.8	1.5	1.3	.7	.6	.1										93	93	140	50
46/ 45	.4	1.0	.9	1.7	1.4	.8	.5											108	108	148	64
44/ 43	.1	.4	.7	1.5	.9	.7	.1											70	70	107	81
42/ 41	.1	1.0	1.2	1.3	.7	.2	.1											78	78	140	73
40/ 39		1.0	.7	.6	.9	.5												60	60	117	89
38/ 37	.1	.7	1.2	.6	.5	.1												51	51	113	96
36/ 35	.1	.9	.9	.6	.4													45	45	78	116
34/ 33	.2	.8	.4	.3	.2													31	31	76	101
32/ 31	.1	.3	.5	.3	.1													22	23	52	107
30/ 29	.1	.7	.2	.1														17	17	38	96
28/ 27	.1	.6	.1	.1														14	14	31	105
26/ 25		.4	.2															10	10	16	100
24/ 23	.1	.6	.1															12	12	16	67
22/ 21	.1	.2		.1														5	5	10	51
20/ 19																				4	50
18/ 17			.1															1	1		38

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																				1	30
14/ 13			.1															1	1	1	14
12/ 11																				1	16
10/ 9																					12
8/ 7																					9
6/ 5																					5
4/ 3																					2
0/ -1																					1
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
TOTAL	1.8	14.2	13.5	15.8	15.1	13.2	10.9	5.9	4.8	1.9	1.5	.7	.2	.4	.1		.1		1632		1630
																		1631		1632	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5917987	91973	56.4	21.183	1631							
Dry Bulb	4649323	85005	52.1	11.659	1632		4.3	9.3	2.5	.5		84
Wet Bulb	3365479	72507	44.4	9.400	1632		8.7	.2				84
Dew Point	2251493	57191	35.1	12.260	1630	.3	36.5					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77						.1	.1	.1					.1	.1				6	6		
76/ 75												.1						1	1		
74/ 73										.1								1	1		
72/ 71					.1													1	1		
70/ 69				.2	.2	.1	.1		.1	.1								12	12		
68/ 67			.1	.2		.1	.1	.1		.1	.1							13	13	2	
66/ 65		.3	.5	.1	.2	.2		.1	.3	.2	.1							33	33		
64/ 63		.3	.6	.2	.3	.2	.1	.2	.3									37	37	13	2
62/ 61	.1	.9	.6	.4	.5	.3	.4	.1										53	53	24	11
60/ 59	.3	1.0	.7	.6	.6	.4	.5	.5	.1									78	78	42	34
58/ 57	.1	.4	.3	.4	.9	.9	.6	.5	.1	.1								78	78	30	36
56/ 55	.2	1.0	.7	1.1	.5	.6	.6	.5	.1									86	86	53	24
54/ 53	.6	1.4	.9	1.1	1.5	.9	.4											108	108	69	35
52/ 51		.3	1.2	1.4	1.1	1.0	.7	.1										92	92	39	48
50/ 49	.1	.8	1.1	1.4	1.9	.6	.3											99	99	85	32
48/ 47	.4	1.3	1.7	1.4	1.9	.6												117	117	102	64
46/ 45	.2	2.2	2.0	1.3	1.6	.4	.1											130	130	133	63
44/ 43	.1	1.6	2.3	1.4	1.4	.3												113	113	118	71
42/ 41	.3	.9	1.7	1.0	1.4	.2												88	88	147	78
40/ 39	.1	1.9	2.3	1.2	1.0	.1												107	107	129	90
38/ 37	.2	1.2	1.7	1.2	.4	.2												79	79	129	92
36/ 35	.1	1.3	1.4	1.3	.4													75	75	108	123
34/ 33	.2	1.2	1.4	.6														57	57	86	98
32/ 31	.3	1.5	.5	.3														42	42	87	101
30/ 29	.1	1.1	.6	.6														39	39	77	122
28/ 27	.1	.7	.4	.1														21	21	36	108
26/ 25	.2	.6	.2															16	16	39	78
24/ 23	.1	.6	.3															16	16	11	82
22/ 21	.1	.7																13	13	20	51
20/ 19																				12	49
18/ 17																					45
16/ 15																					22
14/ 13			.1															1	1		12
12/ 11			.1															2	2		22

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | FEB MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																				3	10
8/ 7																					6
6/ 5																					1
4/ 3																					1
-8/ -9																					3
TOTAL	4.1	23.4	23.8	17.7	15.6	7.2	4.0	2.0	1.0	.6	.2	.1	.1	.1				1614	1614		1614
																		1614		1614	

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.	7699305	107048	66.2	19.270	1614							
Dry Bulb	3711381	75473	46.8	10.626	1614		7.8	1.8	.4			84
Wet Bulb	2948164	67260	41.7	9.489	1614		14.6	.1				84
Dew Point	2200810	56454	35.0	11.841	1614	.2	37.1					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.1												1	1		
74/ 73					.1	.1												2	2		
72/ 71			.1	.2	.1	.1					.1							9	9		
70/ 69		.2	.8	.7	.4	.2		.1	.1	.1								43	43		
68/ 67		.2	.7	.7	.3	.1		.3			.1							40	40	8	1
66/ 65		1.0	.7	.2	.2	.2	.2	.2	.1	.1	.1							54	54	24	11
64/ 63	.1	.9	1.0	.3	.3	.3	.3	.2	.1	.2								63	63	42	34
62/ 61	.1	.9	.9	.4	.1	.2	.3	.2	.2	.1								60	60	47	36
60/ 59	.2	.6	.9	.7	.6	.5	.4	.1	.1									72	72	60	48
58/ 57	.2	1.2	.6	1.5	1.2	.3	.7	.2	.1	.1								111	111	41	53
56/ 55	.6	1.2	1.0	1.5	.9	.7	.8	.1	.1									120	120	67	47
54/ 53	.1	.6	.9	1.1	1.9	1.1	.3	.1										108	108	59	43
52/ 51	.1	.9	.9	1.4	1.0	1.1	.5	.1										104	104	93	78
50/ 49	.3	1.6	1.4	1.5	1.5	1.1	.2											134	134	105	51
48/ 47	.2	1.2	1.4	1.4	1.5	.5	.1											110	110	104	79
46/ 45	.1	1.1	1.6	2.3	1.8	.6	.1											133	133	154	72
44/ 43	.3	.9	1.9	1.5	1.1	.2	.1											103	103	125	79
42/ 41	.5	1.0	1.8	1.9	.9	.1												109	109	133	95
40/ 39	.2	1.5	1.4	1.1	.5	.1												84	84	154	96
38/ 37	.1	1.0	1.4	1.1	.3													69	69	126	110
36/ 35	.1	1.2	1.3	.5	.1													55	55	100	106
34/ 33	.1	.6	2.2	.7														63	63	85	119
32/ 31	.2	1.3	.8	.5														48	48	70	104
30/ 29	.1	.2	1.0	.2														24	24	64	99
28/ 27	.1	.6	.3	.1														19	19	34	100
26/ 25		.2	.3	.2														12	12	28	95
24/ 23		.1																2	2	8	66
22/ 21		.1																2	2	9	48
20/ 19	.1	.2																4	4	5	37
18/ 17																				3	27
16/ 15																					24
14/ 13																					20
12/ 11																					8
10/ 9																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_1	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 8X 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					2
6/ 5																					1
4/ 3																					2
TOTAL	3.7	20.4	25.3	21.6	14.8	7.6	3.9	1.4	.7	.5	.2								1758		1754
																		1758		1758	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	8590807	118743	67.5	18.017	1758
Dry Bulb	4437908	86340	49.1	10.602	1758
Wet Bulb	3592907	77489	44.1	10.047	1758
Dew Point	2793065	66457	37.9	12.527	1754

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
	3.9	5.0	.2			93
	11.7	.4				93
	38.7	.1				93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1														1	1		
70/ 69		.1	.4	.4							.1							18	18		
68/ 67		.3	.4	.3	.1			.1	.1			.1						23	23	6	1
66/ 65		.7	1.5	.4	.1		.1	.2										56	56	14	7
64/ 63		1.0	1.2	.4	.2	.1	.2	.2		.1								59	59	39	10
62/ 61	.2	1.3	1.4	.2	.2	.2		.1	.1	.1								66	66	55	58
60/ 59	.1	.9	.8	.4	.4	.4	.2	.1	.1	.1								61	61	56	42
58/ 57	.1	1.2	1.0	.9	.7	.2	.2	.2	.1									82	82	50	55
56/ 55	.4	.9	2.2	.8	.6	.9	.3	.2	.1									117	117	50	51
54/ 53	.3	1.3	1.0	.9	.6	.5	.2	.1										89	89	59	46
52/ 51	.3	1.0	.9	1.4	.6	.8	.1											93	93	103	42
50/ 49	.4	1.9	2.0	1.2	.8	.4	.1	.1										125	125	95	79
48/ 47	.1	1.1	1.5	1.6	.7	.7	.1											105	105	91	63
46/ 45	.2	2.1	1.4	2.1	1.1	.2												131	131	121	71
44/ 43	.2	2.2	2.3	2.0	1.5	.2												156	156	135	73
42/ 41	.4	1.5	1.6	1.5	.6		.1											105	105	131	107
40/ 39	.3	1.5	2.0	1.9	.3	.2												111	111	138	103
38/ 37	.2	1.6	1.3	1.5	.2	.1												88	88	138	94
36/ 35	.1	1.8	1.4	.8	.1													73	73	125	111
34/ 33	.3	1.7	1.8	.5														78	78	100	90
32/ 31	.4	1.8	1.5	.3														73	73	87	128
30/ 29	.2	1.3	.8	.1														43	43	99	102
28/ 27	.1	.8	1.0															34	34	47	117
26/ 25	.1	.5	.3															16	16	38	109
24/ 23		.2	.2															7	7	22	72
22/ 21		.2	.2															7	7	9	41
20/ 19	.1	.1																4	4	11	47
18/ 17		.2																3	3	2	37
16/ 15																				3	21
14/ 13																					26
12/ 11																					7
10/ 9																					2
8/ 7																					5
6/ 5																					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												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAR (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3 TOTAL	4.4	29.2	30.2	19.7	8.6	4.9	1.5	1.0	.3	.2	.1	.1						1824		1824	1823

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9921847	130903	71.8	17.007	1824							
Dry Bulb	4199747	85299	46.8	10.752	1824		9.5	2.1				93
Wet Bulb	3518345	77853	42.7	10.352	1824		16.2	.3				93
Dew Point	2837525	68161	37.4	12.594	1823		36.7	.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69,67-70 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.2	.2					.1									8	8		
70/ 69		.1	.2	.4	.1	.1			.1									16	16		
68/ 67		.2	.8	.1	.1	.1		.1	.1	.1								27	27	6	2
66/ 65		.5	1.6	.4	.1		.1	.1	.1									51	51	15	4
64/ 63	.1	1.0	1.3	.3	.1	.1	.1		.1									55	55	36	12
62/ 61	.2	1.6	1.2	.2	.3	.2	.1	.2	.1									73	73	59	45
60/ 59	.2	1.0	.5	.3	.4	.2	.2	.1	.1	.1								55	55	62	64
58/ 57	.2	.9	1.3	.4	.4	.3	.1	.2	.1									73	73	50	52
56/ 55	.1	1.2	2.2	.8	.7	.4	.4	.2										109	109	36	51
54/ 53	.4	1.5	1.3	1.0	.6	.8	.3	.1										109	109	82	34
52/ 51	.3	1.6	.8	1.1	.6	.8	.1											98	98	89	64
50/ 49	.4	1.7	1.3	.8	.9	.5	.1	.1										103	103	103	72
48/ 47	.2	1.5	1.9	2.0	1.5	.2	.2											136	136	91	66
46/ 45	.2	1.8	1.4	1.1	1.3	.4												114	114	100	75
44/ 43	.6	2.2	1.8	2.3	.7	.1												141	141	147	86
42/ 41	.2	1.7	2.2	1.4	.5	.1												112	112	137	80
40/ 39	.3	2.0	1.7	1.3	.5	.1												109	109	134	100
38/ 37	.1	1.9	1.7	1.0	.5													95	95	142	96
36/ 35	.1	1.0	1.4	1.2	.3													73	73	117	107
34/ 33	.1	1.9	2.0	.7	.1													88	88	86	94
32/ 31	.3	2.0	1.0	.3														67	67	107	131
30/ 29	.1	1.5	.6															40	40	86	114
28/ 27	.2	1.0	.4	.1														30	30	65	94
26/ 25	.1	.9	.5	.1														27	27	29	101
24/ 23		.3	.1															6	6	23	85
22/ 21		.2	.1	.1														6	6	11	51
20/ 19		.2																4	4	6	45
18/ 17	.1	.1																3	3	8	31
16/ 15		.1																1	1	1	20
14/ 13	.1																	1	1	2	17
12/ 11																					12
10/ 9																					3
8/ 7																					3
6/ 5																					6

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

4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3																					2
-4/ -5																					1
TOTAL	4.3	31.6	29.6	17.5	9.6	4.0	1.6	1.0	.7	.2								1830	1830	1830	1828

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10060079	131971	72.2	17.151	1829							
Dry Bulb	4200948	85406	46.7	10.843	1830		9.4	2.6				93
Wet Bulb	3530571	78069	42.7	10.459	1830		17.2	.3				93
Dew Point	2837128	68418	37.4	12.737	1828	.1	36.8	.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87													.1					1	1		
86/ 85												.2						3	3		
84/ 83												.1	.1	.1				5	5		
82/ 81									.1		.1	.1			.1			5	5		
80/ 79							.2	.2	.2	.1	.1	.1	.1					16	16		
78/ 77					.1	.3	.3	.2	.1	.1	.2	.1	.1	.1				23	23		
76/ 75					.1	.5	.2	.2	.2	.3	.3	.2						36	36		
74/ 73				.2	.5	.5	.2	.3	.2	.1	.3	.2						46	46		
72/ 71				.5	.7	.5	.2	.3	.2	.3	.3	.1						55	55		
70/ 69			.3	.6	.5	.7	.3	.5	.4	.3	.4							74	74	1	
68/ 67		.1	.3	.5	.4	.4	.5	.3	.2	1.0	.3	.1						78	78	23	
66/ 65		.2	.6	.6	.8	.4	.4	.4	.4	.4	.2							80	80	53	6
64/ 63		.1	.5	1.1	.9	.6	.7	.9	.8	.5	.1							112	112	54	23
62/ 61	.1	.3	.7	.7	.9	.6	.7	.8	.9	.2								105	105	56	43
60/ 59	.1	.7	.5	.4	.7	1.0	.9	.8	.6	.2								110	110	77	58
58/ 57		.2	.8	1.0	.9	.8	1.6	1.0	.5	.1								126	126	82	40
56/ 55		.5	1.0	.7	.9	1.1	1.1	.4	.3									110	110	100	55
54/ 53		.5	.9	.8	1.1	1.1	.9	.4										107	107	99	69
52/ 51	.1	.6	.7	.5	1.1	1.1	.5	.3										90	90	116	61
50/ 49	.3	.5	.8	1.0	1.0	.9	.5	.1										92	92	140	75
48/ 47	.1	.4	1.4	1.0	.9	.6	.3											84	84	125	84
46/ 45	.2	.9	1.2	1.2	.8	.7	.1											95	95	139	73
44/ 43	.2	.6	.6	1.1	1.1	.7	.1	.1										81	81	130	69
42/ 41	.1	.7	.8	1.0	.9	.4	.1											70	70	116	82
40/ 39		.5	1.0	1.1	.7	.1												63	63	107	119
38/ 37		.4	.7	1.4	.3	.1												51	51	84	86
36/ 35		.4	.9	.6	.1													37	37	81	88
34/ 33	.1	.5	.4	.4														26	26	75	101
32/ 31	.4	.1	.4	.4														24	24	68	127
30/ 29		.1	.3	.1														9	9	24	110
28/ 27	.1	.3	.4	.1														15	15	22	89
26/ 25		.2		.1														4	4	14	84
24/ 23		.1	.1	.1														4	4	9	65
22/ 21		.1																1	1	3	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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-63,67-70 (YEARS) MAR (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																				4	44
18/ 17																					41
16/ 15																					37
14/ 13																					23
12/ 11																					13
10/ 9																					3
8/ 7																					2
6/ 5																					3
4/ 3																					2
2/ 1																					1
-2/ -3																					1
-4/ -5																					1
-8/ -9																					1
TOTAL	1.7	8.8	15.0	17.1	15.3	13.1	9.7	7.2	5.1	3.5	2.1	.9	.3	.1	.1			1838	1838		1838

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6445499	102319	55.7	20.199	1838							
Dry Bulb	5850249	101301	55.1	12.057	1838		2.9	17.3	6.8	1.1		93
Wet Bulb	4230725	86263	46.9	9.957	1838		7.3	1.2				93
Dew Point	2926718	69302	37.7	13.067	1838	.2	35.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.1	1	1		
94/ 93															.1		.1	2	2		
92/ 91												.1		.1	.1	.1		5	5		
90/ 89												.1	.1	.3	.1	.2		13	13		
88/ 87										.1	.1	.3	.1	.1	.1		.1	15	15		
86/ 85								.1	.1	.3	.2	.2	.3	.3	.3			31	31		
84/ 83								.2	.2	.4	.3	.2	.3	.1	.1	.1		31	31		
82/ 81						.1	.1	.4	.4	.1	.2	.5	.2	.2	.2			41	41		
80/ 79						.1	.4	.4	.2	.3	.6	.4	.4	.3				58	58		
78/ 77						.3	.4	.5	.4	.3	.4	.5	.9	.2				71	71		
76/ 75					.2	.5	.8	.2	.6	.5	.7	1.0	.3	.1				89	89		
74/ 73				.1	.3	.5	.5	.5	.5	.7	.8	.6	.3					86	86		
72/ 71				.3	.1	.4	.7	.4	.4	.7	1.4	.8						95	95	2	
70/ 69			.4	.1	.2	1.0	.7	.7	.9	1.0	1.0	.5						116	116	14	
68/ 67			.2	.5	.1	.4	.9	.7	.9	1.1	.8	.1		.1				107	107	46	
66/ 65		.1	.3	.4	.1	.8	.5	.8	1.5	1.6	.6							135	135	66	6
64/ 63		.1	.1	.2	.5	.5	1.0	1.3	1.4	1.2	.3	.1						121	121	64	23
62/ 61		.2	.2	.1	.2	.6	.5	1.0	.7	.4	.1							72	72	91	25
60/ 59	.1	.2	.3	.7	.4	.6	.9	1.0	.5	.3								92	92	103	54
58/ 57		.1	.3	.3	.2	.7	.9	1.0	.7	.1								79	79	102	47
56/ 55		.2	.3	.3	.7	.4	.5	.6	.3									69	69	123	65
54/ 53	.1	.5	.6	.3	.5	.7	.5	.6	.1									71	71	143	52
52/ 51	.1	.3	.4	.4	.5	.5	.5	.4	.1									61	61	159	66
50/ 49	.1	.3	.7	.6	.5	1.1	.8	.1	.1									80	80	171	63
48/ 47	.1	.4	.4	.5	.8	1.0	.4											66	66	150	77
46/ 45		.6	.2	.3	.7	.3	.1	.1										41	41	130	80
44/ 43		.5	.4	.4	.2	.8	.1											45	45	77	86
42/ 41	.1	.3	.4	.5	.3	.3												36	36	95	87
40/ 39		.2	.4	.2	.4	.2												26	26	87	110
38/ 37		.3	.7	.2	.3													26	26	58	84
36/ 35		.5	.1	.2	.2													18	18	48	94
34/ 33	.1	.5	.3	.3	.1													22	22	38	106
32/ 31	.2	.2	.2	.1														11	11	39	109
30/ 29			.1	.1														3	3	19	106

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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAR (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27	.1	.3																6	6	12	109
26/ 25																				5	77
24/ 23																				1	61
22/ 21																					58
20/ 19																					62
18/ 17																					41
16/ 15																					28
14/ 13																					23
12/ 11																					17
10/ 9																					6
8/ 7																					6
6/ 5																					2
4/ 3																					2
-2/ -3																					2
-8/ -9																					1
-10/-11																					1
TOTAL	.8	5.7	6.8	6.9	8.2	11.9	11.3	10.9	10.1	9.0	7.3	5.4	2.9	1.6	.8	.3	.2	1837	1837	1837	1836

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.	4332138	80472	43.8	20.964	1837							
Dry Bulb	7517602	114980	62.6	13.219	1837		1.0	38.5	22.4	8.4	.2	93
Wet Bulb	4794661	92231	50.2	9.450	1837		3.8	3.1				93
Dew Point	2860009	68395	37.3	12.042	1836	.2	36.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 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
96/ 95															.1	.1	.1	1	1		
94/ 93															.1	.1	.1	3	3		
92/ 91												.1		.2	.1	.1	.2	10	10		
90/ 89											.1	.2	.7	.2	.1	.3	.1	29	29		
88/ 87										.1	.2	.3	.5	.3	.3	.2	.1	33	33		
86/ 85								.1	.1	.2	.5	.5	.4	.4	.1	.2		46	46		
84/ 83								.1	.1	.2	.2	.5	.3	.4				35	35		
82/ 81							.2	.3	.3	.2	.2	.7	.4	.2	.1			46	46		
80/ 79						.1	.4	.5	.5	.3	.5	.4	.3	.4	.2			66	66		
78/ 77					.1	.3	.6	.3	.6	.6	.3	.8	.9	.6	.1			95	95		
76/ 75					.1	.2	.6	.2	.5	.5	1.0	1.0	.7	.1				89	89		
74/ 73			.1	.1	.2	.5	.4	.6	.5	.7	1.0	.9	.3					98	98		
72/ 71			.1	.2	.2	.7	.4	.6	.8	1.5	1.4	1.0	.2					129	129	3	
70/ 69		.1	.1	.2	.1	.4	.7	1.0	.8	1.0	1.9	1.0						130	130	18	
68/ 67			.2	.4	.4	.5	.8	1.0	1.4	1.4	1.0	.2						133	133	48	3
66/ 65		.1	.2	.2	.2	.2	.9	.9	1.3	1.1	.3							98	98	78	10
64/ 63		.1	.2	.2		.4	.5	.9	.6	.9	.4	.1						77	77	69	14
62/ 61		.4	.3	.1	.2	.5	.5	.4	.5	.2								59	59	94	20
60/ 59		.1	.4	.2	.2	.5	.6	1.0	.9	.4								80	80	125	56
58/ 57		.2	.2	.4	.7	.7	1.0	.6	.9	.2								89	89	98	41
56/ 55	.2	.2	.2	.3	.7	.4	.7	.8	.4									70	70	136	71
54/ 53	.1	.2	.2	.4	.3	.4	.7	.5	.1									54	54	172	59
52/ 51	.1	.5	.3	.5	.3	.7	.7	.3	.2									65	65	168	53
50/ 49	.1	.2	.1	.3	.3	.6	.8	.1										45	45	161	65
48/ 47	.1	.3	.3	.4	.7	.4	.3											49	49	125	74
46/ 45	.2	.8	.2	.1	.4	.5	.3											45	45	117	83
44/ 43		.4	.3	.5	.4	.6												40	40	82	92
42/ 41	.2	.3	.2	.7		.3												31	31	91	83
40/ 39		.2	.3	.1	.2	.1												16	16	60	108
38/ 37	.1	.3	.3	.1	.4	.1												21	21	54	101
36/ 35	.1	.5	.1	.1	.2													16	16	51	112
34/ 33	.1	.3	.3	.1														14	14	23	98
32/ 31	.2	.1	.2															9	9	22	83
30/ 29		.3																6	6	19	115

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																				13	102
26/ 25																					65
24/ 23																					68
22/ 21																					48
20/ 19																					58
18/ 17																					46
16/ 15																					34
14/ 13																					23
12/ 11																					17
10/ 9																					8
8/ 7																					8
6/ 5																					1
4/ 3																					4
2/ 1																					2
0/ -1																					1
TOTAL	1.1	5.5	4.9	5.5	6.2	9.1	11.0	10.3	10.6	9.4	9.2	7.6	4.6	2.8	.9	.8	.4		1827		1826
																		1827		1827	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3895857	74783	40.9	21.382	1827
Dry Bulb	8033196	118658	64.9	13.376	1827
Wet Bulb	4957095	93679	51.3	9.175	1827
Dew Point	2841386	67994	37.2	12.023	1826

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		.8	48.0	28.0	12.0	.2	93
Wet Bulb		2.7	3.5				93
Dew Point	.1	34.8	.2				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.1					1	1		
88/ 87											.1				.1			3	3		
86/ 85										.1	.1	.1	.1	.1				7	7		
84/ 83									.1	.4	.1	.1	.2	.1				15	15		
82/ 81							.1	.1	.3	.2	.2	.3	.2					23	23		
80/ 79							.2	.2	.3	.2	.3	.2	.1	.1				29	29		
78/ 77					.1	.3	.4	.4	.2	.3	.4	.3		.2				48	48		
76/ 75					.3	.6	.4	.1	.5	.3	.6	.3	.2	.1				62	62		
74/ 73				.2	.1	.6	.3	.7	.1	.3	.4	.2	.2					55	55		
72/ 71			.2	.2	.5	.1	.4	.3	.4	1.1	.4	.2	.1					70	70		
70/ 69			.4	.5	.3	.4	.6	.3	.7	.6	.8	.2						86	86	4	
68/ 67		.4	.3	.4	.5	.6	.7	.8	.9	1.1	.7	.2						117	117	34	
66/ 65		.1	.7	.6	.7	.5	.7	1.0	.9	.7	.3							112	112	60	15
64/ 63		.3	.8	.3	.3	.7	.8	1.6	1.2	.4	.2							118	118	61	18
62/ 61		.6	.2	.2	.7	.8	1.2	1.7	.8	.6	.1							124	124	65	40
60/ 59		.2	.4	.4	.6	1.1	1.1	.7	.8	.1	.1							97	97	95	54
58/ 57	.1	.6	.2	.5	.8	1.1	1.1	1.3	.2	.2								108	108	84	50
56/ 55	.3	.6	.2	.9	.7	.7	.9	.8	.1									93	93	97	67
54/ 53		.2	.4	.6	.7	.9	.9	.6										78	78	116	51
52/ 51		.7	.7	.7	.9	.7	1.3	.3										95	95	131	37
50/ 49		.4	.5	.9	.9	1.3	.5	.2										85	85	183	57
48/ 47		.4	.4	.6	1.1	1.0	.3	.1										69	69	159	81
46/ 45	.2	1.0	.6	.9	.7	.6	.2											73	73	126	69
44/ 43		.7	.4	.4	.8	.6												52	52	127	88
42/ 41	.1	.4	.6	.6	.4	.4												43	43	107	102
40/ 39		.2	.7	.3	.8	.1												37	37	100	99
38/ 37		.3	.5	.3	.5													29	29	65	116
36/ 35	.1	.2	.2	.3	.2													17	17	60	114
34/ 33		.6		.1														12	12	31	103
32/ 31	.2	.4	.7	.2														27	27	42	94
30/ 29		.1	.1															3	3	21	87
28/ 27			.1															2	2	17	91
26/ 25		.1																1	1	3	83
24/ 23																				3	58

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					65
20/ 19																					43
18/ 17																					30
16/ 15																					35
14/ 13																					17
12/ 11																					9
10/ 9																					4
8/ 7																					6
6/ 5																					3
4/ 3																					1
2/ 1																					1
-4/ -5																					2
-6/ -7																					1
TOTAL	.9	8.3	9.2	10.1	12.7	13.2	12.2	11.1	7.6	6.5	4.6	2.0	.9	.6	.1				1791		1791
																		1791		1791	

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.	5234540	89092	49.7	21.176	1791							
Dry Bulb	6508625	105811	59.1	11.991	1791		1.7	26.8	12.6	3.4		93
Wet Bulb	4442797	87621	48.9	9.339	1791		4.3	2.0				93
Dew Point	2875243	67933	37.9	12.914	1791	.2	32.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.1	.1								2	2		
78/ 77							.2	.1	.1			.1						7	7		
76/ 75						.5	.2	.1	.1	.1								15	15		
74/ 73				.1	.6	.2	.3	.2	.1	.1	.1							31	31		
72/ 71			.1	.5	.7	.4	.1	.2	.2	.3								45	45		
70/ 69		.2	.4	.7	.5	.3	.3	.3	.3	.2	.1	.1						59	59		
68/ 67		.4	.6	.9	.4	.1	.3	.3	.4	.1	.3	.1						72	72	10	1
66/ 65	.1	.4	.5	.7	.3	.5	.3	.6	.2	.2	.1							65	65	63	10
64/ 63		.7	.7	.6	.6	.5	.3	.4	.3		.1							74	74	47	30
62/ 61	.1	.5	.8	.6	.5	.6	.7	.6	.3									84	84	55	51
60/ 59	.1	.7	.4	.5	1.1	1.5	1.1	.6	.3	.1								110	110	63	52
58/ 57	.3	.8	.6	.7	1.2	1.6	1.4	.7	.2									135	135	65	47
56/ 55	.6	.6	1.1	1.2	1.2	1.6	1.2	.6										144	144	81	70
54/ 53		.3	.6	1.1	1.1	1.2	.9	.2	.1									99	99	71	42
52/ 51	.1	.7	.9	1.2	1.3	1.1	.7	.1										108	108	107	32
50/ 49	.3	1.1	.9	1.2	1.3	.9	.6	.1										114	114	134	60
48/ 47	.1	.8	.7	1.1	1.6	1.0	.3											97	97	150	86
46/ 45	.1	.8	1.5	1.8	1.3	.9			.1									106	106	150	72
44/ 43	.2	1.2	1.1	1.5	1.0	.5	.1											98	98	135	77
42/ 41	.2	.7	.9	1.4	.5	.1												66	66	131	102
40/ 39	.1	.5	1.2	1.1	.5	.1												61	61	124	97
38/ 37		.7	1.0	.8	.8													58	58	104	129
36/ 35		.4	.6	.5	.1													33	33	81	110
34/ 33		.3	.7	.6	.1													29	29	58	97
32/ 31	.3	.8	.5	.1														31	31	49	109
30/ 29	.1	.2	.4	.1														14	14	48	100
28/ 27		.2	.2															7	7	24	95
26/ 25		.1	.1	.1														4	4	12	76
24/ 23		.1																1	1	3	58
22/ 21		.1																2	2	3	52
20/ 19																				3	35
18/ 17																					27
16/ 15																					23
14/ 13																					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												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																					6
10/ 9																					4
8/ 7																					2
2/ 1																					3
TOTAL	2.5	13.3	16.8	19.0	16.5	13.3	9.1	5.0	2.7	1.1	.6	.2						1771	1771	1771	1771

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7190086	107536	60.7	19.316	1771							
Dry Bulb	5215313	94133	53.2	10.941	1771		3.1	12.1	2.9	.1		93
Wet Bulb	3975850	82118	46.4	9.748	1771		7.5	.5				93
Dew Point	2918655	68369	38.6	12.568	1771		31.8	.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.2	.1	.1							.1					6	6		
76/ 75			.4	.5	.1	.1		.1										18	18		
74/ 73			.6	.9	.5	.5	.1		.1		.2							46	46	1	
72/ 71		.5	1.7	2.2	1.0	.3	.2	.2	.1	.1	.1	.1						112	112	14	1
70/ 69		1.3	2.3	2.1	.7	.5	.4	.2	.3	.2								141	141	33	17
68/ 67		2.1	1.5	1.8	1.0	1.0	.2	.2	.2		.1	.1						144	144	86	49
66/ 65	.3	2.2	2.1	1.7	.9	.5	.5	.5	.1	.1	.1							154	154	140	84
64/ 63	.4	2.0	1.0	.6	.8	.8	.2	.2	.1	.1								108	108	125	126
62/ 61	.3	2.7	1.1	.8	.7	1.1	.5	.2	.1									134	134	132	110
60/ 59	.6	2.5	1.1	1.1	1.3	.8	.6	.3	.1									147	147	137	130
58/ 57	.5	1.3	1.0	1.4	.6	.6	.5	.1										105	105	120	126
56/ 55	.3	1.4	1.6	1.4	.7	.4	.2											107	107	104	82
54/ 53	.1	.8	1.8	1.0	.8	.5	.1											88	88	94	68
52/ 51	.2	.7	1.4	1.1	1.3	.6	.1											94	94	146	88
50/ 49	.1	1.3	1.3	1.4	1.1	.5												99	99	115	74
48/ 47	.1	1.1	1.2	.9	1.3	.1												80	80	111	105
46/ 45	.1	.3	1.1	1.1	.7	.1												61	61	98	106
44/ 43		.7	1.0	.5	.2													43	43	70	79
42/ 41		.6	.8	.5	.2													33	33	93	65
40/ 39		.3	.1	.7	.1													22	22	66	90
38/ 37		.1	.1	.2														6	6	29	74
36/ 35			.2															4	4	20	79
34/ 33			.1															1	1	14	53
32/ 31		.1																2	2	4	42
30/ 29																				3	34
28/ 27																					26
26/ 25																					22
24/ 23																					16
22/ 21																					6
20/ 19																					1
18/ 17																					1
TOTAL	3,2	22,1	23,3	21,7	14,0	8,1	3,5	2,0	1,0	,5	,3	,2	,1						1755		1754
																		1755		1755	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9683907	126815	72,3	17,224	1755							
Dry Bulb	6338200	104260	59,4	9,072	1755		,1	23,9	3,6			90
Wet Bulb	5312424	95216	54,3	9,141	1755		,4	6,9	,1			90
Dew Point	4569434	87160	49,7	11,658	1754		7,6	3,4				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1														1	1		
76/ 75			.4	.1														9	9		
74/ 73			.1	.2	.1													5	5		
72/ 71		.4	1.6	.6	.2			.1			.1							52	52	10	
70/ 69		1.6	3.1	1.2	.3			.1	.1									112	112	18	12
68/ 67	.1	2.3	2.5	1.2	.3	.2		.2		.1								122	122	77	39
66/ 65	.4	2.9	1.9	1.1	.4	.2	.3	.1	.1		.1							134	134	127	80
64/ 63	.7	2.9	1.8	1.1	.4	.4	.3	.4	.1		.1							149	149	122	136
62/ 61	.7	2.6	1.6	1.1	.5	.4	.2	.1	.1	.1								132	132	131	121
60/ 59	.8	3.2	.9	1.7	1.1	.4	.4											153	153	127	115
58/ 57	.8	2.5	1.3	1.3	.8	.5	.3	.1	.1									136	136	119	132
56/ 55	.6	1.3	1.3	1.7	1.0	.4	.3											118	118	112	89
54/ 53	.2	1.4	2.0	.8	.6	.6	.1											100	100	101	79
52/ 51	.5	1.9	1.3	1.4	.8	.1	.1											108	108	114	75
50/ 49	.4	1.0	1.1	1.0	.9	.3												84	84	146	86
48/ 47	.3	1.8	1.4	.9	.4	.1												88	88	95	94
46/ 45	.2	1.6	1.2	1.7	.5	.1												94	94	109	112
44/ 43	.1	.5	1.1	1.3	.2													58	58	97	95
42/ 41		1.1	1.0	.7	.1													51	51	59	76
40/ 39		1.1	.2	.7	.2													41	41	87	57
38/ 37		.4	.6	.3														24	24	70	84
36/ 35	.1	.1	.3	.1														12	12	22	87
34/ 33	.1	.1	.1															4	4	30	53
32/ 31		.2	.1															4	4	14	45
30/ 29		.1																1	1	4	42
28/ 27																				1	28
26/ 25																					25
24/ 23																					16
22/ 21																					9
20/ 19																					2
18/ 17																					2
16/ 15																					1
TOTAL	5.9	30.7	27.1	20.1	8.9	3.6	1.9	.9	.4	.2	.2							1792	1792		1792
																		1792		1792	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	11073167	137975	77.0	15.847	1792
Dry Bulb	5970047	102113	57.0	9.193	1792
Wet Bulb	5196436	94976	53.0	9.531	1792
Dew Point	4601867	88339	49.3	11.745	1792

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.3	15.1	.8			90
Wet Bulb		1.0	5.3				90
Dew Point		8.5	2.6				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69,67-70 YEARS | APR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1														2	2		
76/ 75			.3	.2	.1													11	11		
74/ 73		.1	.6	.5	.2	.1		.1	.1									27	27	2	
72/ 71		.3	1.2	1.0	.6	.2		.1	.1									60	60	8	2
70/ 69		1.7	3.1	1.6	.3	.3	.1	.1	.1	.1	.1							131	131	26	12
68/ 67	.1	2.6	2.7	1.1	.5	.1	.2	.1	.1	.1								135	135	87	43
66/ 65	.3	2.7	2.2	1.1	.2	.4	.5	.1	.3	.1	.1							143	143	136	100
64/ 63	.5	3.2	2.2	.8	.2	.4	.4	.2	.1									143	143	132	127
62/ 61	.2	2.6	1.4	.6	.8	.6	.6	.4	.2									131	131	142	125
60/ 59	1.0	2.7	2.1	1.3	1.2	.6	.2	.1	.1									164	164	130	137
58/ 57	.7	1.4	1.4	1.0	1.2	.4	.4	.1	.1									121	121	102	123
56/ 55	.3	1.0	2.1	1.4	1.0	.8	.3	.1										124	124	98	82
54/ 53	.1	1.4	1.9	1.0	.9	.4												102	102	105	62
52/ 51	.2	1.5	1.3	1.1	1.1	.4	.2											102	102	131	73
50/ 49	.3	1.8	1.1	1.6	.8	.3												105	105	146	77
48/ 47	.2	.9	.6	1.0	.8	.1												64	64	101	110
46/ 45	.1	1.1	1.0	1.1	.4	.1												66	66	102	105
44/ 43		.6	1.4	1.0	.2													56	56	96	80
42/ 41		.5	1.0	.6														37	37	69	73
40/ 39		.7	.9	.3	.1													35	35	75	82
38/ 37		.1	.3	.4														13	13	45	75
36/ 35	.1	.1	.2	.1														8	8	27	76
34/ 33	.1	.1	.1															3	3	17	57
32/ 31		.2	.1															4	4	10	52
30/ 29																				6	41
28/ 27																					21
26/ 25																					26
24/ 23																					17
22/ 21																					6
20/ 19																					2
18/ 17																					1
TOTAL	4.0	26.9	29.1	18.8	10.7	5.1	2.9	1.3	1.0	.2	.1							1789	1789		1787
																		1789		1789	

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.	10596284	134460	75.2	16.560	1789							
Dry Bulb	6186087	103947	58.1	9.049	1789		.2	18.4	2.0			90
Wet Bulb	9311597	96023	53.7	9.389	1789		.8	6.2	.1			90
Dew Point	4648913	88665	49.6	11.823	1787		8.4	2.9				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1						.1			2	2		
88/ 87												.1		.1				2	2		
86/ 85								.2		.2	.1			.1				10	10		
84/ 83						.1	.1	.2	.1	.1			.2	.1				14	14		
82/ 81					.1	.4	.6	.5	.2	.3	.2	.3	.1	.1				48	48		
80/ 79				.1	.4	1.1	.7	.5	.1	.1	.3	.3	.2					66	66		
78/ 77				.4	1.3	1.5	.8	.5	.2	.5	.7	.4						113	113		
76/ 75			.1	1.3	1.7	1.0	1.0	.3	.4	.4	.3	.3						122	122		
74/ 73			.6	1.3	2.0	1.2	.9	.4	.4	.9	.4	.3						154	154	7	
72/ 71		.3	1.2	1.3	1.7	.9	.4	.5	.4	.6	.3							136	136	27	1
70/ 69	.1	.7	1.5	1.2	1.4	.5	.7	1.3	.9	.8	.2	.1						168	168	117	23
68/ 67	.2	.8	1.1	1.3	.6	.4	1.0	1.0	.9	.7	.2							148	148	153	71
66/ 65	.1	1.1	1.3	1.0	.6	1.0	.8	.8	.5	.3	.1							137	137	159	105
64/ 63		.8	.9	.7	.4	.9	.7	.7	.6	.3								107	107	140	142
62/ 61	.1	.8	.9	.8	.8	.7	.7	.8	.2	.1								97	97	127	128
60/ 59	.1	.6	.4	.6	.9	.9	.7	.6	.4									95	95	117	131
58/ 57	.1	.3	.5	.6	.8	.6	.8	.4	.1									75	75	115	108
56/ 55		.4	.5	.3	1.0	.8	.7	.2	.1									72	72	133	66
54/ 53		.9	.5	.4	.6	.9	.6	.2										74	74	129	58
52/ 51	.2	.5	.5	.6	.8	.2	.2	.2										59	59	134	70
50/ 49	.1	.3	.3	.5	.8	.4	.1											45	45	105	76
48/ 47			.4	.3	.5	.2												24	24	98	86
46/ 45		.1	.2	.1	.1	.1												10	10	76	80
44/ 43		.2		.1	.1	.1												8	8	65	76
42/ 41					.1													1	1	38	83
40/ 39			.1															2	2	23	100
38/ 37		.1																1	1	11	71
36/ 35			.2															3	3	3	72
34/ 33																				1	60
32/ 31																				3	51
30/ 29																					36
28/ 27																					35
26/ 25																					22
24/ 23																					17

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					7
20/ 19																					8
18/ 17																					6
16/ 15																					4
TOTAL	.8	8.0	10.7	13.2	16.6	13.7	11.5	9.5	5.6	5.2	2.7	1.7	.4	.3	.1			1793	1793	1793	1793

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.	6757314	104012	58.0	20.094	1793							
Dry Bulb	8103140	119402	66.6	9.202	1793			49.3	26.7	5.4		90
Wet Bulb	6032410	102852	57.4	3.599	1793		.2	15.8	.4			90
Dew Point	4708120	89070	49.7	12.376	1793		9.3	4.8				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1					.1	.2	6	6		
94/ 93											.1	.1	.1			.1	.2	8	8		
92/ 91										.	.2	.1	.2		.3	.2		19	19		
90/ 89										.1	.2	.1	.1	.2	.1	.2		17	17		
88/ 87								.2	.4	.8	.9	.4	.1	.3	.4	.1		66	66		
86/ 85						.1	.2	.6	1.0	.9	.6	.7	.7	.7	.3	.1		105	105		
84/ 83					.1	.3	.5	1.6	1.1	.8	.3	.7	.7	.6	.1			120	120		
82/ 81					.4	.6	1.1	1.6	.9	.3	.3	.9	.6	.2				121	121		
80/ 79				.1	.8	1.3	1.7	.9	1.0	.5	.6	.8	.6	.3				134	134		
78/ 77				.3	.6	1.1	.9	1.2	.6	.4	.6	.3	.6	.1				120	120		
76/ 75				.7	.9	.7	.8	.4	.8	.7	1.4	.7	.1					131	131	3	
74/ 73			.4	.8	1.5	1.2	.3	.8	.8	.9	.7	.4	.2					143	143	29	
72/ 71			.5	.8	1.3	.5	.6	.7	.6	.9	.8	.2	.1					127	127	76	8
70/ 69		.3	.6	.6	.8	.6	.6	.7	.8	.7	.5	.2						113	113	170	21
68/ 67		.4	.4	.5	.1	.2	.6	.8	.7	.6	.2							79	79	171	66
66/ 65	.1	.6	.3	.2	.3	.2	.7	.9	.7	.8								88	88	154	89
64/ 63	.1	.3	.2	.6	.1	.7	.5	.6	.7	.								70	70	166	141
62/ 61	.1	.3	.3	.4	.2	.6	.2	.4	.4	.2								55	55	129	129
60/ 59	.2	.2	.2	.5	.4	.6	.4	.6	.6									66	66	130	121
58/ 57		.2	.4	.2	.3	.2	.8	.5	.2									52	52	126	98
56/ 55	.1	.6	.4	.1	.3	.6	.3	.3	.1									49	49	125	88
54/ 53	.1	.3	.2	.2	.6	.3	.4	.2										41	41	134	72
52/ 51		.2	.4	.5	.3	.1												27	27	106	66
50/ 49		.2	.1			.1												6	6	77	62
48/ 47			.1															1	1	74	76
46/ 45																				66	88
44/ 43		.2																3	3	28	76
42/ 41				.1														1	1	16	80
40/ 39			.1	.1														2	2	5	89
38/ 37			.1	.1														2	2		90
36/ 35		.1																1	1	5	57
34/ 33																				1	66
32/ 31																					57
30/ 29																					42

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					33
26/ 25																					27
24/ 23																					14
22/ 21																					15
20/ 19																					9
18/ 17																					4
16/ 15																					6
14/ 13																					1
TOTAL	.6	3.8	4.5	6.6	9.1	9.7	10.6	13.0	11.4	8.9	7.4	5.6	4.1	2.3	1.2	.6	.4	1793	1793	1793	1791

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4743470	84776	47.3	20.254	1793							
Dry Bulb	9749673	130971	73.0	10.100	1793			66.7	50.7	27.3	.7	90
Wet Bulb	6507768	107036	59.7	8.117	1793			22.6	1.7			90
Dew Point	4639427	88233	49.3	12.786	1791		10.5	4.8				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.1	1	1		
98/ 97																	.1	2	2		
96/ 95											.1		.1			.1	.4	11	11		
94/ 93												.2	.3		.1	.2	.5	22	22		
92/ 91										.1	.3	.2	.1	.2	.1	.2		22	22		
90/ 89									.1	.3	.6	.8	.1	.3	.5	.4	.1	59	59		
88/ 87								.2	.6	.8	1.0	1.0	.5	.6	.7	.3		100	100		
86/ 85							.3	1.0	1.0	1.2	.8	.8	.6	.6	.4	.1		120	120		
84/ 83					.2	.1	.3	1.4	.6	.7	.8	.6	.8	.8	.1			114	114		
82/ 81					.2	1.0	1.1	.8	1.0	1.2	.7	.5	1.0	.5	.1			144	144		
80/ 79				.1	.6	1.3	1.0	.4	.8	.8	.6	.5	.6	.5				129	129		
78/ 77			.1	.3	.8	.7	.6	.7	.8	.8	.8	1.2	.6	.1				131	131		
76/ 75			.1	.6	1.1	1.2	1.1	.8	.8	.7	1.5	.7	.2					156	156	6	
74/ 73			.3	.8	.4	1.1	.3	.5	.5	.6	.5	.6	.1					102	102	29	
72/ 71		.1	.3	1.1	.7	.4	.2	.9	.3	.8	1.1	.3	.2					117	117	102	8
70/ 69		.1	.5	.6	.5	.3	.5	.5	1.1	.8	.7							103	103	157	25
68/ 67	.1	.4	.6	.2	.1	.2	.3	.5	.5	1.2	.2	.1						78	78	160	53
66/ 65	.1	.2	.2	.4	.3	.2	1.0	.4	1.0	.2	.2							77	77	173	103
64/ 63	.1	.2	.3	.5	.2	.6	.5	.3	.7	.2								62	62	170	132
62/ 61		.4	.2	.3	.2	.4	.4	.2	.8	.1								57	57	123	103
60/ 59	.2	.3	.2	.4	.2	.2	.1	.3	.3	.2								44	44	157	99
58/ 57		.3	.2	.1		.5	.4	.1	.3									35	35	135	107
56/ 55	.2	.6	.2		.2	.2	.2	.2										31	31	129	85
54/ 53		.5	.1	.4	.6	.1												31	31	128	85
52/ 51		.2	.2	.2	.1													12	12	105	88
50/ 49	.2	.3	.3	.1	.1													17	17	67	84
48/ 47		.1	.1															2	2	59	67
46/ 45			.1															1	1	52	74
44/ 43		.1																2	2	19	75
42/ 41				.2														3	3	11	75
40/ 39																					90
38/ 37																				3	74
36/ 35		.1	.1															2	2		88
34/ 33		.1																1	1	1	57

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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31																				2	47
30/ 29																					61
28/ 27																					42
26/ 25																					16
24/ 23																					17
22/ 21																					11
20/ 19																					5
18/ 17																					7
16/ 15																					1
14/ 13																					2
12/ 11																					3
10/ 9																					1
TOTAL	.8	3.9	1.9	6.4	6.5	8.6	8.4	9.2	11.3	10.6	10.0	7.4	5.0	3.6	2.0	1.2	1.2	1788	1788	1783	1785

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4395464	80168	44.9	21.171	1788							
Dry Bulb	10214644	133878	74.9	10.322	1788			71.0	56.0	33.7	1.8	90
Wet Bulb	6600943	107759	60.3	7.738	1788		.1	22.9	1.8			90
Dew Point	4569528	87406	49.0	12.739	1785		10.7	4.3				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) APR (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.1	1	1		
92/ 91															.1	.1	.1	4	4		
90/ 89										.1	.1				.2			6	6		
88/ 87								.1	.1	.3	.1	.1	.1	.1	.1			16	16		
86/ 85							.2	.1	.4	.2	.3	.2	.1	.3	.1	.1	.1	35	35		
84/ 83						.1	.1	.5	.3	.2	.5	.2	.3	.2	.1			43	43		
82/ 81					.1	.3	.9	.7	.7	.6	.6	.4	.7		.1			88	88		
80/ 79				.1	.4	1.1	1.5	.9	1.1	.7	.7	.5	.2	.1				126	126		
78/ 77				.5	1.2	.6	.9	1.3	.6	.8	.9	.3	.2	.1				132	132		
76/ 75			.1	1.3	1.7	.8	1.1	1.0	1.0	.7	.6	.3	.1					149	149		
74/ 73		.1	.7	1.3	.8	.9	.9	.7	.7	1.0	.5	.1	.1					134	134	14	
72/ 71		.1	1.0	.7	.7	.9	.8	.9	.6	.7	.4	.2	.1					123	123	41	2
70/ 69		.3	1.4	1.2	.9	.5	.6	1.0	1.3	.8	.3	.1						146	146	131	31
68/ 67	.1	1.0	1.3	.6	.5	.6	.7	.8	.6	.5	.1							115	115	139	46
66/ 65	.1	1.1	.7	.5	.5	.6	.7	1.1	.9	.4	.1							116	116	161	118
64/ 62	.1	.7	.6	.3	.4	.6	.6	1.4	.5	.1								92	92	158	131
62/ 61	.1	.9	.3	.2	.6	.6	.3	.9	.5									78	78	140	107
60/ 59	.3	.3	.3	.7	.6	.5	.6	.6	.2	.1								75	75	147	96
58/ 57	.3	.3	.5	.5	.4	.5	.8	.2	.1									62	62	139	100
56/ 55		.5	.6	.2	.8	.7	.6	.2	.1									64	64	105	84
54/ 53	.1	.7	.3	.5	.2	.5	.3	.2										47	47	136	90
52/ 51		.7	.1	.6	.4	.2	.2											39	39	116	78
50/ 49	.1	.2	.3	.5	.2	.4	.1											31	31	90	101
48/ 47		.2	.2	.1	.2		.1											11	11	79	75
46/ 45		.1	.2	.2	.1													10	10	67	80
44/ 43																				42	79
42/ 41			.2															3	3	18	89
40/ 39																				17	92
38/ 37		.1																1	1	7	67
36/ 35																					56
34/ 33		.1																2	2		58
32/ 31		.1																1	1	3	55
30/ 29																					43
28/ 27																					25

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					13
24/ 23																					12
22/ 21																					5
20/ 19																					4
18/ 17																					4
16/ 15																					2
12/ 11																					2
8/ 7																					1
TOTAL	1.1	7.4	8.8	9.8	10.5	10.5	12.0	12.3	9.7	7.2	5.0	2.5	1.7	.7	.5	.2	.2	1750	1750	1750	1746

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5908857	94687	54.1	21.194	1750							
Dry Bulb	8577932	121342	69.3	9.691	1750		.1	57.5	37.7	13.2	.1	90
Wet Bulb	6098335	102331	58.5	8.092	1750		.2	16.7	.7			90
Dew Point	4596823	87053	49.9	12.123	1746		8.6	4.1				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.1											1	1		
80/ 79				.1	.2	.3	.1		.1	.1	.1	.1						17	17		
78/ 77			.1	.5	.6	.7	.3	.4	.2	.1	.2							52	52		
76/ 75			.2	1.0	1.3	.6	.8	.3	.3	.2	.2							87	87		
74/ 73		.1	.6	2.1	1.9	.9	.9	.3	.4	.2	.1	.1						133	133	4	
72/ 71		.3	1.2	1.3	1.4	.8	.7	.7	.3	.3	.2							124	124	21	5
70/ 69		1.1	1.7	1.3	1.0	1.2	.9	.6	.3	.2	.1	.1						149	149	64	19
68/ 67		1.5	.8	1.2	1.4	.3	.8	.8	.3	.1								126	126	131	55
66/ 65	.2	2.3	1.0	1.1	.8	.9	.9	.6	.2	.1	.2							141	141	128	104
64/ 63	.4	1.8	1.4	.6	.8	.9	1.3	.6	.1	.1								138	138	144	129
62/ 61	.5	2.1	.9	.5	.7	1.3	.9	.3										125	125	143	115
60/ 59	.3	1.2	.6	1.1	1.3	1.0	.7	.5	.1									117	117	150	112
58/ 57	.3	.9	.7	.6	.8	.9	.6	.1										83	83	109	120
56/ 55	.1	.4	.8	1.4	.9	1.2	.5											92	92	103	88
54/ 53	.1	.6	1.1	.7	.8	1.2	.2											80	80	106	66
52/ 51	.3	1.0	.4	1.4	.8	1.1	.1											90	90	139	86
50/ 49	.1	.7	.6	1.0	1.0	.4	.1											67	67	118	81
48/ 47		.3	.8	.6	.6	.4	.1											48	48	84	92
46/ 45		.5	.3	.3	.3	.2												28	28	99	96
44/ 43		.1	.4	.6	.1													21	21	71	79
42/ 41			.2	.2	.1													9	9	55	88
40/ 39																				27	83
38/ 37																				25	58
36/ 35																				6	73
34/ 33		.2																3	3	1	60
32/ 31																				3	38
30/ 29																					29
28/ 27																					28
26/ 25																					8
24/ 23																					9
22/ 21																					2
20/ 19																					3
18/ 17																					4
16/ 15																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | APR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.4	15.2	13.9	17.8	16.6	14.3	9.8	5.4	2.1	1.3	1.0	.2						1731	1731	1731	1731

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Pot. Hum.	8070418	113722	65.7	8.610	1731							
Dry Bulb	7034522	109256	63.1	8.950	1731			35.8	15.1	.5		90
W. Bulb	5590888	97228	56.2	8.659	1731		.2	11.4	.2			90
Dew Point	4624893	87195	50.4	11.596	1731		6.3	4.1				90

USAFETAC FORM 0-26-5 OL A1 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAY (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.1											1	1		
86/ 85						.1												1	1		
84/ 83					.1	.1												3	3		
82/ 81				.1	.1	.1	.2	.1										7	7		
80/ 79			.1	.1	.2	.4	.4											23	23		
78/ 77		.1	.5	.7	2.4	.7	.2	.1										85	85		
76/ 75		.3	1.4	2.7	2.3	1.0	.2											146	146	12	
74/ 73		.4	2.7	2.7	2.1	1.0	.3	.1	.1									172	172	20	13
72/ 71	.1	1.3	3.3	2.6	1.7	.4	.3	.1	.1									178	178	72	29
70/ 69	.1	2.2	3.1	2.1	1.2	1.2	.2	.3										188	192	209	71
68/ 67	.2	3.0	3.5	1.6	1.6	.5	.2											194	197	218	167
66/ 65	.8	4.3	3.9	1.3	.8	.6	.1	.1										217	219	256	232
64/ 63	.4	4.9	1.8	1.2	.5	.4	.1											170	170	222	239
62/ 61	.5	2.9	1.3	.8	.4	.2	.1											111	111	223	230
60/ 59	1.2	1.9	1.6	.8	.1		.1											102	102	176	224
58/ 57	.4	1.4	1.0	.5	.4													68	68	111	126
56/ 55	.4	1.0	.7	.5	.2													52	52	87	115
54/ 53		.5	.6	.7	.1	.1	.1											41	41	68	96
52/ 51	.1	.6	.4	.4														27	27	47	68
50/ 49		.3	.4	.1														15	15	33	62
48/ 47	.2	.2	.1	.1														9	9	34	37
46/ 45		.1	.3	.1														9	9	12	43
44/ 43			.1															1	1	7	29
42/ 41																				6	18
40/ 39																				2	11
38/ 37																					2
36/ 35																					3
34/ 33																					1
32/ 31																					2
30/ 29																					
TOTAL	4.3	25.4	26.4	19.0	14.2	6.8	2.6	.7	.2										1829		1821
																		1820		1821	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11599741	143477	78.8	12.603	1820							
Dry Bulb	8293910	122498	67.0	6.999	1829			51.1	22.3	.8		93
Wet Bulb	7187420	113832	62.5	6.276	1821			27.1	1.8			93
Dew Point	6004813	108909	59.8	7.081	1821		.2	14.3	.7			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83						.1												1	1		
82/ 81					.1													1	1		
80/ 79			.1	.1														3	3		
78/ 77		.1	.1	.1	.1	.1												6	6		
76/ 75		.5	.5	1.3	.7	.2												59	59	7	3
74/ 73		.7	2.9	1.8	.6	.1						.1						111	111	13	6
72/ 71	.1	1.9	4.1	2.4	.8	.2			.1									172	172	40	19
70/ 69	.1	4.4	3.6	2.1	1.0	.5	.2	.2										219	219	142	62
68/ 67	.3	3.6	4.1	1.7	.9	.4	.1	.1	.1	.1								205	205	212	175
66/ 65	1.2	5.9	3.2	.9	.7	.2	.1	.1										224	230	240	185
64/ 63	.7	5.7	2.6	1.0	.4	.1												193	195	232	254
62/ 61	.7	6.0	1.4	.9	.3													168	169	236	239
60/ 59	1.0	4.3	1.3	.9	.3	.1												144	144	197	216
58/ 57	.6	3.1	1.2	.4	.4													88	88	132	159
56/ 55	.4	1.5	1.0	.3	.1													60	60	103	108
54/ 53	.2	1.3	.9	.5	.1													54	54	64	88
52/ 51	.2	.8	.7	.2		.1												35	35	67	73
50/ 49	.3	.5	.8	.1	.1	.1												33	33	43	56
48/ 47	.2	.4	.6															21	21	39	51
46/ 45		.5	.2															13	13	19	45
44/ 43		.2	.2	.1														7	7	23	25
42/ 41		.2		.1														5	5	6	29
40/ 39				.1														1	1	5	13
38/ 37																				1	6
36/ 35																				2	2
34/ 33																					1
32/ 31																					4
30/ 29																					3
28/ 27																					1
TOTAL	5.9	40.8	29.3	14.6	6.5	2.0	.3	.3	.1	.1		.1							1832		1823
																		1823		1823	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	13117070	153344	84.1	10.947	1823
Dry Bulb	7701686	118124	64.5	6.824	1832
Wet Bulb	6930680	111768	61.3	6.551	1823
Dew Point	6514618	108156	59.3	7.329	1823

Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			39.4	9.2	.2		93
Wet Bulb			21.1	1.0			93
Dew Point		.4	13.5	.5			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									1	1		
84/ 83						.1												1	1		
82/ 81			.1	.2	.2	.2	.1											11	11		
80/ 79			.1	.2	.7	.1	.1	.1		.1								22	22		
78/ 77		.1	.5	.9	1.1	.2	.2	.1	.1									58	58	2	
76/ 75		.2	1.1	2.8	1.0	.7	.2	.2	.1									111	111	14	3
74/ 73		.9	3.6	3.1	1.1	.2	.3	.1			.1							169	171	20	16
72/ 71	.1	1.5	4.2	3.6	.3	.3	.1	.1	.1									185	186	79	21
70/ 69	.1	2.9	5.1	3.0	1.3	.8	.2	.2		.1	.1							247	247	200	97
68/ 67	.4	3.8	4.2	1.5	.5	.4	.1											202	205	234	207
66/ 65	.7	4.6	3.3	1.5	.7	.4	.2		.2									211	214	272	209
64/ 63	.5	4.6	2.0	.8	.8	.2	.1	.1										165	165	240	255
62/ 61	.4	3.4	1.7	1.0	.5	.2		.1										133	133	198	257
60/ 59	.4	2.1	1.4	.7	.2	.1	.1											91	91	150	184
58/ 57	.1	1.3	.9	.9	.2													62	62	103	100
56/ 55	.2	1.3	.4	.7	.1		.1											49	49	106	103
54/ 53	.1	.3	.8	.7	.2													37	37	52	88
52/ 51	.2	.3	.4	.1	.1													20	20	44	70
50/ 49		.6	.3	.1	.1													18	18	39	45
48/ 47		.4	.3	.1	.1													15	15	32	39
46/ 45		.4	.1		.1													9	9	15	48
44/ 43																				14	28
42/ 41	.1	.1		.1														4	4	4	18
40/ 39				.1														1	1	1	11
38/ 37																				1	6
36/ 35																				2	4
34/ 33																					2
32/ 31																					4
30/ 29																					1
28/ 27																					1
26/ 25																					2
TOTAL	3.2	26.8	30.4	21.8	9.1	3.8	1.6	.7	.4	.1	.1								1831		1819
																		1822		1822	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	12016443	146297	80.3	12.023	1821							
Dry Bulb	8236578	122160	66.7	6.869	1831			51.5	19.0	1.2		93
Wet Bulb	7218836	114080	62.6	6.460	1822			28.0	1.8			93
Dew Point	6679260	109382	60.1	7.482	1819		.4	17.6	1.0			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — MAY MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95												.1						1	1		
94/ 93																.1		1	1		
92/ 91								.2	.2	.1	.1	.1			.1			10	10		
90/ 89							.1	.3	.1	.2	.1		.1	.1				16	16		
88/ 87						.2	.3	.8	.6	.3	.1	.2	.1	.1				48	48		
86/ 85					.2	.3	1.5	1.1	1.0	.1	.2	.2	.2					86	87		
84/ 83					.1	.9	1.9	1.9	.8	.1	.4	.2						112	114		
82/ 81				.1	.8	2.3	2.6	1.5	.4	.6	.6	.3		.1				168	170		
80/ 79			.1	.5	2.2	3.6	2.3	1.0	.3	.4	.2	.1						195	197	2	
78/ 77			.2	1.0	3.4	2.5	1.6	1.2	.5	.4	.1	.2	.1					204	205	14	
76/ 75			.8	2.4	3.0	1.6	1.4	.7	.3	.3	.1	.1						193	194	33	5
74/ 73	.1	.3	1.1	2.1	2.3	1.1	1.0	.5	.4	.2	.1	.1						167	167	109	18
72/ 71		.8	1.2	2.0	1.5	.6	1.1	.4	.1	.3	.1							147	147	222	41
70/ 69	.1	.8	1.3	1.5	.8	.8	.8	.2	.3	.1								121	121	322	122
68/ 67	.1	.9	1.3	.6	.9	.9	.5	.4	.1	.1								105	105	254	227
66/ 65	.2	1.3	1.2	.2	.3	.5	.2	.2	.1	.1								76	76	210	239
64/ 63	.3	1.1	.6	.3	.6	.2	.3	.1		.1								65	65	200	270
62/ 61	.1	.4	.3	.3	.3	.2	.1		.1									31	31	133	212
60/ 59	.1	.4	.2	.2	.3	.2	.1											24	24	92	134
58/ 57		.6	.3	.3	.3	.1	.1											25	25	68	92
56/ 55		.7		.2	.1	.1												19	19	73	80
54/ 53			.1	.2	.1													6	6	34	89
52/ 51		.1				.1												2	2	29	68
50/ 49		.1	.1			.1												5	5	13	51
48/ 47					.1													1	1	15	50
46/ 45																				2	35
44/ 43																					28
42/ 41																				1	26
40/ 39																				2	12
38/ 37																					9
36/ 35																					3
34/ 33																					5
32/ 31																					6
30/ 29																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					5
TOTAL	.8	7.2	8.0	11.8	17.1	16.1	15.8	10.4	5.0	3.2	1.9	1.3	.4	.2	.1	.1			1837		1828
																		1828		1828	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	7682122	114824	62.8	16.031	1828							
Dry Bulb	10426860	137700	75.0	7.561	1837			80.1	61.3	27.9	.1	93
Wet Bulb	7956092	120096	65.7	6.011	1828			48.6	8.0			93
Dew Point	6787692	110418	60.4	8.037	1828		.6	21.0	1.2			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.1	1	1		
102/101																	.1	1	1		
100/ 99													.1	.1			.1	3	3		
98/ 97									.1			.1		.1			.1	6	6		
96/ 95									.2		.3	.1	.2	.1	.1	.1		17	17		
94/ 93								.1	.2	.5	.8	.4	.3	.3	.2	.1	.2	58	58		
92/ 91								.1	.9	1.0	.9	.5	.2	.2	.2		.1	73	73		
90/ 89							.1	.6	1.8	2.2	1.9	.6	.3	.4	.1	.1		146	146		
88/ 87					.1	.1	.4	1.6	2.3	3.1	.7	.3	.6	.3		.1		174	176		
86/ 85					.1	.6	1.3	2.3	2.9	1.3	.4	.4	.4	.2		.1		183	187		
84/ 83					.2	1.3	3.1	2.7	1.8	1.1	.7	.3	.3	.1	.1			211	213		
82/ 81				.1	.4	1.8	2.2	1.8	1.1	.4	.6	.4	.2					164	165	1	
80/ 79				.4	.7	1.5	1.8	1.0	.7	.7	.5	.3		.1				144	144	8	
78/ 77				.5	1.3	1.9	1.4	.7	.8	.2	.3	.2						133	133	16	
76/ 75			.3	.8	1.5	1.5	.8	.9	.5	.2	.3		.1					126	126	91	3
74/ 73			.5	1.1	1.1	.4	.5	.4	.5	.4	.2							94	94	193	14
72/ 71		.2	.7	.9	.4	.4	.2	.3	.2	.2	.1							63	63	272	47
70/ 69		.7	.8	.8	.2	.2	.2	.4	.3	.1	.1							67	67	351	99
68/ 67	.2	.7	.6	.2	.3	.2	.3	.2	.1	.1								50	50	242	202
66/ 65		.9	.1	.1	.4	.2	.1	.2										34	34	182	225
64/ 63	.2	.3	.1	.2	.1	.2	.2	.1										23	23	143	276
62/ 61	.1	.2		.1	.2	.3		.1										17	17	97	242
60/ 59	.1	.3		.2	.1	.1												12	12	67	156
58/ 57	.2	.5	.2		.1		.1											19	19	63	89
56/ 55	.1	.1	.1															4	4	46	79
54/ 53																				28	67
52/ 51						.1												1	1	16	56
50/ 49		.2																3	3	5	50
48/ 47																				4	55
46/ 45																				1	43
44/ 43																					33
42/ 41																				1	33
40/ 39																					15
38/ 37																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					8
34/ 33																					5
32/ 31																					2
30/ 29																					4
28/ 27																					1
26/ 25																					3
24/ 23																					2
TOTAL	.7	3.9	3.3	5.5	7.1	10.5	12.5	13.5	14.5	11.4	7.8	3.7	2.6	1.8	.5	.4	.4		1836		1826
																		1827		1827	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5480[illegible]08	95226	52.1	16.821	1827							
Dry Bulb	120829?4	148166	80.7	8.283	1836			87.3	78.2	57.4	4.4	93
Wet Bulb	8357654	123134	67.4	5.675	1827			59.8	15.7	.2		93
Dew Point	6689923	109479	60.0	8.310	1826		.6	18.6	.9			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.2	3	3		
100/ 99													.2	.2				8	8		
98/ 97										.1	.1	.1	.1	.2				9	9		
96/ 95								.1	.2		.9	.3	.3	.1	.2	.2	.1	44	44		
94/ 93								.1	.1	.6	1.2	.9	.6	.4	.4	.1	.1	82	82		
92/ 91							.1	.1	.7	1.4	2.1	.9	.6	.3	.4	.1	.1	122	123		
90/ 89							.1	.6	1.1	2.9	2.8	.8	.3	.5	.4	.1		179	179		
88/ 87							.4	1.7	2.4	2.0	1.5	.6	.3	.4	.1			173	176		
86/ 85					.2	.6	2.3	2.6	2.4	1.4	.7	.6	.3	.2	.1	.1		205	210		
84/ 83						.9	1.8	2.1	1.5	.8	.9	.4	.2	.1	.1			156	158		
82/ 81				.1	.5	.8	2.3	1.6	1.2	1.0	.8	.8	.4					173	173	2	
80/ 79				.6	1.1	1.5	2.1	1.3	.6	.3	.2	.4			.1			147	147	9	
78/ 77				.3	1.2	1.0	1.5	.8	.5	.2	.2	.4		.1	.1			111	111	18	2
76/ 75			.1	.6	.7	1.2	.6	.6	1.0	.3	.1							92	92	87	7
74/ 73		.1	.5	.6	.7	.3	.1	.3	.2	.2	.2	.1						54	54	233	11
72/ 71		.1	.8	.5	.3	.2	.1	.2	.2	.2	.3							51	51	279	43
70/ 69	.1	.4	.7	.5	.2	.5	.2	.3	.2	.1								56	56	323	95
68/ 67	.1	.9	.4	.2	.3	.3	.4	.2	.2									55	55	242	196
66/ 65	.1	.8	.2	.1	.1	.2	.1											29	29	184	233
64/ 63		.7	.1	.1	.1	.2	.1	.2										25	25	141	236
62/ 61		.1	.1			.3												9	9	89	234
60/ 59	.1	.2	.3				.2											13	13	71	162
58/ 57	.1	.3	.2	.2														13	13	50	110
56/ 55		.1	.1	.1														4	4	45	82
54/ 53																				23	72
52/ 51																				12	53
50/ 49		.1																2	2	5	58
48/ 47		.1																1	1	5	55
46/ 45																					38
44/ 43																					35
42/ 41																					31
40/ 39																					27
38/ 37																					9
36/ 35																					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												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
34/ 33																						5
32/ 31																						5
30/ 29																						3
28/ 27																						4
26/ 25																						1
22/ 21																						1
16/ 15																						1
TOTAL	.4	3.9	3.4	3.6	5.3	7.9	12.2	12.5	12.8	11.4	11.8	6.3	3.5	2.3	1.8	.5	.5		1818	1827	1818	1817

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5010982	90092	49.6	17.341	1818							
Dry Bulb	12473064	150166	82.2	8.454	1827			88.1	79.9	63.4	7.4	93
Wet Bulb	8396929	123137	67.7	5.581	1818			61.0	17.9	.4		93
Dew Point	6603779	108443	59.7	8.314	1817		.9	18.1	1.0			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION NUMBER) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAY (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	1	1		
98/ 97											.1			.1				2	2		
96/ 95												.1						1	1		
94/ 93								.1	.1	.2	.2		.1	.1				10	10		
92/ 91								.1	.2	.3	.4	.1	.1	.1				20	20		
90/ 89						.1	.1	.3	.5	.9	.3	.2	.3	.1	.1			51	51		
88/ 87						.1	.2	1.1	2.0	1.2	.4	.2	.4	.1				98	98		
86/ 85					.2	.1	1.2	1.9	1.7	1.4	.3	.3	.3	.2				137	140		
84/ 83				.1	.2	1.2	1.6	2.6	1.8	.7	.6	.1						160	160		
82/ 81				.2	1.0	1.9	2.6	1.5	1.2	.4	.5	.2	.1	.1				172	175		
80/ 79			.1	.4	1.6	2.3	1.7	1.3	1.0	.6	.3	.3						172	172	4	
78/ 77			.2	1.7	2.2	2.4	1.0	.6	.7	.4	.3							171	174	13	
76/ 75			.8	2.0	2.1	1.9	1.0	.7	.3	.2	.2	.1		.1				167	167	33	10
74/ 73		.1	.9	1.7	1.9	.7	.9	.4	.5	.2	.1	.1						133	133	127	6
72/ 71		.3	1.3	1.2	1.1	.5	.4	.7	.2	.1			.1					107	107	262	47
70/ 69		1.0	1.5	1.1	.5	.6	.4	.2	.2	.1								99	99	310	110
68/ 67		1.1	1.1	.4	.7	.4	.4	.2	.1									78	78	273	196
66/ 65	.1	1.7	.7	.4	.3	.3	.3	.3	.1		.1							79	79	212	255
64/ 63		.6	.3	.1	.4	.1	.2	.1										33	33	162	274
62/ 61		.2	.2	.3	.2	.2	.3											25	25	112	207
60/ 59	.2	.3	.4	.2	.2	.2												27	27	84	132
58/ 57	.2	.3	.1	.1	.2	.1												20	20	65	105
56/ 55		.2		.1	.1													7	7	46	71
54/ 53		.1	.1	.1	.1													6	6	29	84
52/ 51	.1	.1		.1														3	3	23	57
50/ 49																				18	62
48/ 47		.2																3	3	6	40
46/ 45																				3	39
44/ 43																					22
42/ 41																					22
40/ 39																					22
38/ 37																					9
36/ 35																					4
34/ 33																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31																					3
20/ 19																					2
16/ 15																					1
TOTAL	.6	6.3	7.7	10.3	13.0	13.2	12.5	12.0	10.4	6.7	3.8	1.5	1.2	.6	.1		.1		1791		1782
																		1782		1782	

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.	6829564	105934	59.4	17.285	1782							
Dry Bulb	10718634	137804	76.9	8.038	1791			82.5	67.7	34.2	.7	93
Wet Bulb	7910428	118286	66.4	5.746	1782			53.3	9.2	.1		93
Dew Point	6616913	107673	60.4	7.695	1782		.3	19.3	.8			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93														.1				1	1		
90/ 89								.1				.1						3	3		
88/ 87							.1		.1									2	2		
86/ 85						.1	.1	.3	.1									11	11		
84/ 83				.1	.1	.3	.6	.7	.2		.1							35	35		
82/ 81			.1	.1	.4	.8	1.6	.5	.1	.1								68	68		
80/ 79			.1	.7	1.3	2.5	1.5	.9	.2	.1								129	129		
78/ 77		.1	.3	1.6	2.9	2.0	1.3	.4	.3	.1								160	160	6	
76/ 75		.1	1.6	2.0	3.8	1.7	.9	.6	.3	.1								199	203	8	5
74/ 73		.3	2.6	2.5	2.1	.9	.9	.7	.1									181	182	43	8
72/ 71		1.1	1.9	3.1	1.1	.7	.9		.1		.1							160	164	149	34
70/ 69	.1	1.4	3.3	1.9	1.3	1.0	.6	.4	.1	.1								182	182	266	97
68/ 67	.1	2.5	2.9	2.0	.9	.8	.3	.2	.1									173	173	252	163
66/ 65	.3	3.2	1.9	1.3	.6	.9	.1											148	148	280	274
64/ 63	.1	1.7	1.1	.8	.7	.2	.3	.1										91	91	184	274
62/ 61	.3	1.5	.8	.6	.4	.1	.1		.1									70	70	177	201
60/ 59	.4	.7	.7	.8	.2	.2	.1	.1										56	56	127	184
58/ 57	.2	.4	.6	.6	.3	.1												37	37	79	112
56/ 55	.2	.4	.4	.7	.4		.1											42	42	78	85
54/ 53		.1	.1	.4	.2													13	13	39	74
52/ 51		.2	.1															6	6	29	83
50/ 49		.2	.1	.1														7	7	37	51
48/ 47	.1	.1	.1	.1														6	6	16	45
46/ 45																				6	25
44/ 43																				3	26
42/ 41																				1	19
40/ 39																					7
38/ 37																					5
36/ 35																					3
34/ 33																					1
32/ 31																					2
28/ 27																					1
26/ 25																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-69,67-70 (YEARS) MAY (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.8	14.0	18.8	19.3	16.9	12.2	9.7	5.1	1.6	.4	.1	.1		.1				1780	1789	1780	1780

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9482719	127323	71.5	14.525	1780							
Dry Bulb	9050555	126585	70.8	7.240	1789			68.3	41.3	9.5	.1	93
Wet Bulb	7410175	114353	64.2	5.987	1780			37.8	3.0			93
Dew Point	6600525	107639	60.5	7.169	1780		.2	16.0	.7			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUN MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.1	.1			.1	.1	.1					6	6		
86/ 85						.5	.5	.6	.2			.1						32	32		
84/ 83					.7	1.0	1.4	.4	.1		.1							65	65		
82/ 81				.5	1.5	2.6	1.4	.2	.2		.1							115	115		
80/ 79			.7	2.5	3.4	3.8	1.4	.2										249	249		
78/ 77		.2	1.2	4.8	5.0	2.6	.7	.1	.1									262	262	3	
76/ 75		.8	3.1	5.2	3.5	1.0	.1	.2										248	248	71	2
74/ 73	.1	1.5	5.1	4.4	1.8	.5	.2											240	240	162	64
72/ 71		2.8	3.2	2.8	.8	.5	.1											180	180	388	116
70/ 69	.3	2.6	2.6	1.2	.5		.1											128	128	432	309
68/ 67	.2	2.6	1.5	.6	.4	.1												96	96	305	395
66/ 65	.4	1.6	.7	.3	.5	.1	.1											64	64	193	322
64/ 63	.3	1.0	.4	.2	.2													37	37	85	266
62/ 61	.1	.5	.3	.1														17	17	58	117
60/ 59		.3	.2	.2														11	11	23	61
58/ 57		.2	.4															11	11	20	32
56/ 55		.3	.3															11	11	15	31
54/ 53		.2																4	4	18	21
52/ 51																				3	24
50/ 49																					14
TOTAL	1.4	14.6	19.6	22.7	20.4	12.8	5.8	1.7	.6		.2	.1	.1					1776	1776		1774
																		1776		1776	

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.	10249866	133258	75.0	11.895	1776							
Dry Bulb	9938560	132470	74.6	5.704	1776			82.1	61.7	17.2		90
Wet Bulb	8402417	121939	68.7	4.122	1776			69.0	12.0			90
Dew Point	7706633	116653	65.8	4.498	1774			44.9	3.3			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JUN MONTH

PAGE 1 — 0100-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85										.1								1	1		
84/ 83					.3		.1			.1								9	9		
82/ 81				.3	.6	.5	.1	.2										30	30		
80/ 79			.0	1.3	2.6	.8	.1	.1	.1									100	100		
78/ 77		.1	1.5	3.9	3.1	.8	.3	.1	.1									177	177		
76/ 75		1.2	5.5	6.0	2.7	.5	.1											286	286	31	6
74/ 73	.1	2.2	6.5	3.8	1.1	.3	.1											250	250	112	37
72/ 71	.2	5.0	5.6	3.1	.9	.2												267	267	319	131
70/ 69	.4	5.7	5.2	1.4	.4	.2												237	237	417	318
68/ 67	.3	4.0	3.4	.7	.3	.1												157	157	323	401
66/ 65	1.1	3.5	1.1	.4	.2	.1												114	114	266	295
64/ 63	.7	1.8	.6	.7	.1		.1											71	71	126	269
62/ 61	.2	1.1	.4	.1														34	34	80	130
60/ 59	.2	.3	.1															10	10	38	58
58/ 57		.4	.2	.1														12	12	24	46
56/ 55		.6	.4															18	18	15	29
54/ 53		.3	.1															7	7	18	22
52/ 51		.1																1	1	11	22
50/ 49																				1	10
48/ 47																					4
46/ 45																					1
TOTAL	3.2	26.2	31.3	22.0	12.2	3.5	.8	.3	.2	.2									1781		1779
																		1781		1781	

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.	12095562	145668	81.8	10.094	1781							
Dry Bulb	9224776	127840	71.8	5.216	1781			76.9	43.1	3.9		90
Wet Bulb	8193858	120566	67.7	4.244	1781			60.7	7.2			90
Dew Point	7713503	116861	65.7	4.962	1779			45.2	2.2			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JUN MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1	.2	.2	.1	.1							10	10		
88/ 87							.1	.1										3	3		
86/ 85					.1	.2	.9	.2	.1									27	27		
84/ 83				.1	.5	2.1	1.0	.2	.1									72	72		
82/ 81			.1	1.0	2.4	2.2	.6	.1		.1								115	115		
80/ 79		.1	.6	3.1	5.3	1.2	.3	.2										193	193		
78/ 77	.1	.3	2.6	6.1	3.5	1.2	.1											247	247	8	
76/ 75		1.2	4.3	5.7	1.7	.8	.1	.2										246	246	79	7
74/ 73	.1	2.2	5.7	4.1	1.2	.4	.1											245	245	274	61
72/ 71	.1	2.8	4.6	2.4	1.2	.1	.1											198	198	389	209
70/ 69	.4	2.9	3.1	1.1	.2	.1	.1											141	141	375	394
68/ 67	.2	3.1	2.1	.8	.2	.2												116	116	241	377
66/ 65	.3	2.0	1.0	.3	.2	.1	.1											71	71	171	270
64/ 63	.2	.8	.5	.2	.7	.1												45	45	105	193
62/ 61	.3	.7	.3	.1	.1	.1												30	30	56	106
60/ 59	.1	.2	.2	.2														12	12	28	62
58/ 57		.1	.2	.1														7	7	23	24
56/ 55		.1	.2															5	5	19	21
54/ 53		.1	.1															2	2	13	18
52/ 51																				4	20
50/ 49																					12
48/ 47																					5
46/ 45																					3
TOTAL	1.7	16.6	25.4	25.2	17.2	8.6	3.4	1.2	.4	.1	.1								1789		1782
																		1785		1785	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	10933639	138301	77.5	11.057	1785
Dry Bulb	9901584	132546	74.3	5.766	1785
Wet Bulb	8529304	123144	69.0	4.353	1785
Dew Point	7909525	118431	66.5	4.662	1782

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			81.3	58.4	15.9		90
Dry Bulb			68.9	18.2			90
Wet Bulb			52.9	3.4			90
Dew Point							

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99													.2	.1				5	5		
98/ 97											.1	.2	.3	.1				11	11		
96/ 95										.1	.4	.4	.2					20	20		
94/ 93									.3	.9	.8	.3	.2	.1				46	46		
92/ 91								.4	.8	2.0	1.0	.2	.1					79	79		
90/ 89							.5	2.7	4.0	1.6	.6	.2						173	173		
88/ 87					.1	.6	2.7	4.6	2.8	.7	.3		.1					211	211		
86/ 85					.2	2.2	4.9	4.9	.8	.3	.2	.1	.1					245	245		
84/ 83			.1	.1	1.2	4.6	4.0	2.0	.4	.2	.1							227	227		
82/ 81			.1	.6	2.3	4.8	2.4	.7	.4	.1								203	203		
80/ 79		.1	.2	1.1	2.5	2.6	1.2	.4	.2	.1								150	150	6	
78/ 77		.1	.3	1.3	2.2	1.8	.6	.2	.2									117	117	65	5
76/ 75		.2	.8	1.2	1.4	.5	.3	.1	.1	.1								86	86	283	9
74/ 73		.6	.7	1.0	.6	.1	.2	.4	.1									63	63	509	65
72/ 71	.1	.4	.4	.2	.3	.3	.4	.2										41	41	379	181
70/ 69	.1	.4	.6	.4	.2	.1	.2	.1										36	36	220	333
68/ 67		.5	.2	.1	.2	.2												21	21	133	406
66/ 65	.1	.7	.1		.2	.2	.1											23	23	61	309
64/ 63	.2	.3	.1	.1	.2	.1												18	18	47	196
62/ 61	.2	.1																5	5	30	102
60/ 59																				20	59
58/ 57		.1																2	2	21	29
56/ 55		.1																1	1	7	21
54/ 53																				2	15
52/ 51																					26
50/ 49																					14
48/ 47																					8
46/ 45																					3
44/ 43																					1
TOTAL	.6	3.6	3.5	6.2	11.4	18.0	17.5	16.8	10.2	3.9	3.4	1.4	1.0	.3					1783		1782
																		1783		1783	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6562640	105300	59.2	13.405	1783							
Dry Bulb	12284397	147503	82.7	6.777	1783			87.5	82.6	66.3	4.1	90
Wet Bulb	9130949	127391	71.4	4.046	1783			80.5	43.6			90
Dew Point	7861921	118049	66.2	4.841	1782			50.5	4.0			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																.1		2	2		
104/103														.1	.2	.1	.2	10	10		
102/101													.1	.4	.4	.1		19	19		
100/ 99												.1	.8	.7	.3	.1		36	36		
98/ 97											1.0	1.9	1.9	.4	.2			96	96		
96/ 95									.2	1.6	3.3	3.1	1.7	.3	.1			182	182		
94/ 93								.3	1.2	3.3	3.4	2.2	.4	.2	.1			199	199		
92/ 91							.2	1.5	3.9	4.5	2.8	.6	.5	.2				251	251		
90/ 89						.2	.6	2.6	4.4	3.0	1.3	.3	.2	.2				234	234		
88/ 87					.1	.3	1.6	3.4	3.5	1.5	.7	.1	.1	.1				201	201		
86/ 85					.2	.6	1.9	2.3	1.3	.8	.4							132	132		
84/ 83					.7	1.5	1.6	1.3	.8	.3	.2	.1						116	116		
82/ 81				.1	.6	1.1	1.1	.3	.3	.2	.1							65	65	1	
80/ 79			.1	.3	.8	.6	.3	.2	.1	.3	.1							51	51	28	
78/ 77			.4	.2	.4	.4	.2	.1	.2	.1	.1							39	39	156	3
76/ 75	.1	.1	.2	.7	.6	.3	.1	.3	.2	.2								48	48	433	11
74/ 73	.1	.4	.4	.3	.3	.2	.1	.2	.2									38	38	481	61
72/ 71		.2	.4	.2	.1	.1	.3											21	21	303	154
70/ 69		.3	.2	.1		.1	.1	.1										15	15	157	245
68/ 67		.2	.1			.1												6	6	95	349
66/ 65	.1	.3	.1	.1	.1													9	9	44	325
64/ 63	.1	.2																4	4	29	249
62/ 61		.1	.1															3	3	23	138
60/ 59																				18	92
58/ 57		.2																3	3	12	44
56/ 55																					27
54/ 53																					21
52/ 51																					27
50/ 49																					15
48/ 47																					10
46/ 45																					3
44/ 43																					4
42/ 41																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	2.0	1.9	1.9	4.0	5.2	8.0	12.8	16.3	15.7	13.5	8.3	5.6	2.6	1.3	.4	.2	1780	1780	1780	1779

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4495625	86027	48.3	13.783	1780							
Dry Bulb	14037008	157540	88.5	7.262	1780			89.0	86.9	79.7	27.5	90
Wet Bulb	9420293	129311	72.6	3.843	1780			83.6	55.6	.3		90
Dew Point	7650671	116305	65.4	5.143	1779			41.6	3.8			90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUN (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																.1	.3	6	6		
104/103														.1	.6	.2	.4	22	22		
102/101														.5	.5	.3		22	22		
100/ 99											.4	1.1	1.7	1.4	.4	.2	.1	93	93		
98/ 97										.1	1.2	2.6	3.2	1.9	.1	.1		165	165		
96/ 95									.5	1.4	4.4	4.5	2.4	.4	.1			240	240		
94/ 93								.2	1.1	2.1	4.1	3.0	.5	.5				203	203		
92/ 91							.1	1.0	3.2	4.8	3.0	1.6	.5	.3				255	255		
90/ 89						.1	.7	2.0	3.8	2.3	1.1	.6	.2					190	190		
88/ 87						.1	1.0	1.8	2.1	.9	.7	.3	.1					124	124		
86/ 85					.1	.8	1.6	1.7	1.1	1.0	.3	.2	.1					124	124		
84/ 83					.4	1.0	1.6	1.0	.4	.2	.2							82	82		
82/ 81				.1	.5	.8	.6	.3	.1	.1	.2	.1						47	47		
80/ 79				.5	.6	.7	.2	.3	.1	.1	.1							42	42	40	
78/ 77			.2	.2	.5	.3	.2	.1	.3	.2	.1							35	35	156	1
76/ 75	.1	.2	.2	.5	.7	.3	.2	.1	.3	.1								45	45	418	8
74/ 73		.3	.2	.3	.1	.1		.1										20	20	492	60
72/ 71	.1	.2	.2	.3			.2	.2										20	20	311	126
70/ 69		.1	.2	.1		.1	.1											9	9	141	200
68/ 67		.2	.2	.1														9	9	105	305
66/ 65		.1	.2	.1	.1	.1												8	8	35	340
64/ 63		.4		.1														9	9	31	264
62/ 61	.1		.1															2	2	16	177
60/ 59		.1	.1															2	2	14	101
58/ 57																				13	72
56/ 55																					34
54/ 53																					32
52/ 51																					22
50/ 49																					18
48/ 47																					7
46/ 45																					4
44/ 43																					2
42/ 41																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUN MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	1.5	1.5	2.3	2.9	4.3	6.3	6.7	12.9	13.1	15.8	14.0	8.5	5.1	1.6	.7	.7	1774	1774	1774	1774

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3989841	80423	45.3	13.927	1774							
Dry Bulb	14483470	159736	90.0	7.524	1774			88.9	87.0	80.8	38.1	90
Wet Bulb	9416470	129076	72.8	3.748	1774			84.5	56.2	.5		90
Dew Point	7493097	114933	64.8	5.142	1774			35.5	3.5			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUN (MONTH)

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
102/101															.1	.2	.1	5	5		
100/ 99													.2	.3	.1	.1		10	10		
98/ 97										.1	.5	.2	.8	.6	.1			39	39		
96/ 95									.1	.3	1.0	1.1	1.0	.2				67	67		
94/ 93								.1	.5	1.5	2.2	1.8	.3	.1				114	114		
92/ 91							.1	.6	1.0	2.7	3.2	1.0	.1	.1				150	150		
90/ 89						.1	.7	1.5	4.7	4.1	1.4	.3	.2	.1				231	231		
88/ 87					.1	.5	1.0	3.8	3.7	1.4	.6	.2	.1					195	195		
86/ 85					.2	1.3	3.3	4.0	2.1	.9	.4							211	211		
84/ 83				.1	1.0	2.5	3.3	1.9	1.1	.4	.1	.1						184	184		
82/ 81			.1	.3	1.4	1.9	2.0	.9	.4	.1	.1							125	125		
80/ 79			.4	.7	1.7	1.3	1.3	.6	.2		.1							111	111	17	
78/ 77			.2	1.1		1.0	.5	.2		.3								73	73	71	1
76/ 75		.3	.6	1.2	1.0	.5	.1	.2	.1									70	70	225	19
74/ 73	.1	.4	1.5	.7	.3	.2	.2	.3	.1									65	55	490	63
72/ 71	.1	.5	.5	.4	.2	.1	.1	.1										33	33	407	117
70/ 69	.1	.1	.4	.1	.1	.1	.1											16	16	264	244
68/ 67		.1	.5		.4	.2												15	15	118	313
66/ 65	.1	.3	.1	.1	.1	.1												11	11	63	316
64/ 63	.1	.3		.1														7	7	32	248
62/ 61	.1	.1	.2	.1														6	6	19	191
60/ 59		.1	.2															5	5	21	93
58/ 57		.1																1	1	11	43
56/ 55																				6	28
54/ 53																					24
52/ 51																					24
50/ 49																					12
48/ 47																					5
46/ 45																					2
TOTAL	.3	2.1	4.6	4.7	7.1	9.8	12.7	14.2	13.8	11.9	9.5	4.8	2.7	1.3	.2	.2	.1		1744		1743
																		1744		1744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5416759	93703	53.7	14.808	1744							
Dry Bulb	12711938	148360	85.1	7.230	1744			88.5	85.1	72.1	12.1	90
Wet Bulb	8962390	124850	71.6	3.756	1744			82.2	41.4	.2		90
Dew Point	7468435	113777	65.3	4.879	1743			39.1	4.3			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JUN MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91										.2		.2						7	7		
90/ 89							.1	.3	.6	.5	.2	.1	.1					33	33		
88/ 87						.1	.8	1.0	1.8	.9	.1	.1	.1					84	84		
86/ 85					.1	1.0	2.0	3.2	1.6	.1	.1							141	141		
84/ 83				.1	.9	2.7	5.1	2.8	.5	.1								211	211		
82/ 81			.1	1.0	2.4	5.1	3.1	1.3	.4	.1								234	234		
80/ 79	.1		.6	2.0	4.5	4.6	1.9	.6	.2	.1								252	252	2	
78/ 77		.1	.9	2.8	4.4	2.5	.8	.1	.2									203	203	13	
76/ 75		.6	1.8	2.0	2.7	1.5	.3	.1										155	155	104	9
74/ 73	.1	1.0	2.3	1.9	1.2	.5	.2	.1										127	127	266	58
72/ 71		1.3	2.2	1.2	.9	.3	.1	.1										105	105	487	133
70/ 69	.1	1.7	1.3	.6	.2	.2	.2											74	74	389	245
68/ 67	.1	.8	.5	.2	.2	.1	.1											33	33	215	376
66/ 65		.6	.3	.2	.3	.1												28	28	119	352
64/ 63	.3	.3	.1	.2	.2													19	19	91	242
62/ 61	.1	.1	.1	.2	.1													11	11	27	146
60/ 59		.2	.2															6	6	25	68
58/ 57		.2	.1															5	5	14	19
56/ 55		.1	.2															4	4	15	23
54/ 53																				3	30
52/ 51																				2	17
50/ 49																					11
48/ 47																					1
46/ 45																					1
TOTAL	.6	7.0	10.6	12.4	18.1	18.8	14.5	9.6	5.4	2.1	.4	.3	.1					1732	1732		1731
																				1732	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	7956579	115073	66.4	13.408	1732							
Dry Bulb	10735929	135951	78.5	6.110	1732			86.2	75.2	44.1		90
Wet Bulb	8479347	121003	69.9	3.852	1732			76.7	20.0	.1		90
Dew Point	7517062	113806	65.7	4.484	1731			42.7	3.5			90

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



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) JUL (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.2	.2								6	6		
88/ 87								.5	.6	.4	.1							30	30		
86/ 85						.2	1.1	2.5	1.9	.2	.1							110	110		
84/ 83					.4	1.6	3.6	2.6	1.3	.1								178	178		
82/ 81				.4	2.3	4.9	4.9	1.9	.6	.1								275	275		
80/ 79			.7	2.4	5.9	5.8	2.3	.9	.3									336	336		
78/ 77		.4	2.3	5.2	4.7	2.5	.5	.4	.1									296	296		
76/ 75	.1	1.5	5.8	4.0	1.6	.4	.4	.2	.1									255	255	63	5
74/ 73	.2	4.3	3.4	1.3	.5	.4	.1	.1	.1									188	188	317	62
72/ 71	.2	3.4	.8	.3	.3	.1	.1	.1										94	94	664	253
70/ 69	.2	1.3	.3	.2	.2													38	38	482	372
68/ 67	.1	.1	.3	.1		.1												11	11	189	395
66/ 65		.2	.2	.2														9	9	56	297
64/ 63	.1		.2		.1													6	6	33	201
62/ 61				.1														1	1	14	123
60/ 59				.1														1	1	10	42
58/ 57																				2	47
56/ 55																				2	16
54/ 53																					9
52/ 51																					7
50/ 49																					4
TOTAL	.8	11.1	13.8	14.0	15.9	16.0	13.1	9.1	5.0	1.0	.1							1834		1834	
																		1834		1834	

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.	9168601	126967	69.2	14.374	1834							
Dry Bulb	11300718	143740	78.4	4.374	1834			92.1	84.9	39.4		93
Wet Bulb	9138887	129371	70.5	2.664	1834			87.0	19.3			93
Dew Point	8212105	122467	66.8	4.033	1833			55.2	3.4			93

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1									1	1		
86/ 85									.1									1	1		
84/ 83					.1	.3	1.0	.4	.1									37	37		
82/ 81				.1	.8	2.3	1.6	.6	.1									101	101		
80/ 79				2.0	4.5	3.9	1.5	.5	.1									231	231		
78/ 77		.3	2.4	6.6	5.9	2.6	.9	.3										350	350		
76/ 75		2.0	7.9	7.3	3.8	1.3	.4	.1										419	419	17	1
74/ 73	.3	6.5	7.1	2.9	.7	.3	.1											330	330	211	61
72/ 71	1.0	5.3	3.3	1.1	.3	.2	.1											207	207	665	260
70/ 69	.8	3.0	.7	.5	.3	.2	.1											101	101	525	452
68/ 67	.1	.7	.2	.2	.2													24	24	261	454
66/ 65	.1	.4	.3	.1	.1	.1												17	17	75	273
64/ 63	.1	.2	.3	.1														11	11	45	140
62/ 61		.1	.2															4	4	14	93
60/ 59			.1															2	2	15	41
58/ 57			.1															1	1	6	35
56/ 55																				2	12
54/ 53																				1	5
52/ 51																					1
50/ 49																					1
TOTAL	2.2	18.4	22.6	20.8	16.7	11.2	5.7	1.9	.4									1837	1837		1836
																		1837		1837	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11144209	141275	76.9	12.336	1837							
Dry Bulb	10475848	138552	79.4	3.751	1837			91.2	74.4	12.5		93
Wet Bulb	8997714	128466	69.9	2.738	1837			85.0	11.5			93
Dew Point	8339129	123547	67.3	3.726	1836			62.2	3.1			93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-65,67-70 YEARS — JUL MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93												.1						1	1		
92/ 91								.1			.1	.1						3	3		
90/ 89							.1	.2	.5	.2	.1							21	21		
88/ 87						.3	.8	.9	.3	.1	.1							44	44		
86/ 85					.1	1.2	2.3	1.5	.4	.1								103	103		
84/ 83				.1	.8	2.8	2.6	.7	.3									134	134		
82/ 81			.1	.7	4.5	4.1	1.3	.3	.1									200	200		
80/ 79			.7	4.5	7.0	2.6	.9	.2										292	292		
78/ 77		.3	3.4	7.7	4.9	1.1	.5	.1										330	330	14	
76/ 75		2.2	6.9	4.1	1.3	.2	.1	.1										271	271	141	11
74/ 73	.3	4.2	4.7	1.9	.5	.3	.1											220	220	488	90
72/ 71	.5	2.9	1.6	.3	.1	.2	.1											104	104	613	384
70/ 69	.5	2.3	.6	.3	.3		.1											76	76	352	536
68/ 67	.2	.1	.3	.2	.1													15	15	139	426
66/ 65	.1	.2	.1	.1														8	8	34	187
64/ 63	.1	.2	.3	.1														10	10	30	84
62/ 61			.1															1	1	9	51
60/ 59		.1																1	1	10	34
58/ 57																				4	16
56/ 55		.1																1	1		10
54/ 53																				1	3
52/ 51																					3
TOTAL	1.5	12.4	18.6	19.9	19.6	12.7	8.9	4.0	1.6	.4	.2	.1						1835	1835	1835	1835

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	102911816	135486	73.8	12.527	1835							
Dry Bulb	11164367	142861	77.9	4.794	1835			91.9	82.1	33.0	.1	93
Wet Bulb	9348850	130878	71.3	2.784	1835			88.5	32.6			93
Dew Point	8598272	125457	68.4	3.376	1835			73.3	5.1			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.1	1	1		
104/103																	.1	1	1		
102/101														.2	.1	.1		5	5		
100/ 99												.1	.2	.3	.3			15	15		
98/ 97										.1	.2	.7	.8	.3	.1			41	41		
96/ 95										.5	1.7	2.3	.7	.1	.1			99	99		
94/ 93									.7	2.8	3.2	1.7	.2	.1				158	158		
92/ 91							.1	1.0	3.9	5.4	1.6	.3	.1	.1				228	228		
90/ 89						.1	.8	4.6	6.2	2.6	.7	.2						277	277		
88/ 87						.3	3.8	6.2	3.1	.4	.1	.1						253	253		
86/ 85					.3	3.2	5.1	3.1	.5	.1	.2							228	228		
84/ 83				.1	1.5	3.7	2.4	.7	.1	.1	.1							159	159		
82/ 81			.1	.7	3.1	2.0	.5	.1	.2									120	120		
80/ 79			.3	1.4	1.6	.7	.2	.2	.1	.1								83	83	9	
78/ 77		.2	.7	1.0	.4	.1	.1	.1										49	49	114	
76/ 75		.2	.7	.5	.2	.1	.1											35	35	574	12
74/ 73		.4	.5		.1	.1	.1											22	22	693	90
72/ 71	.3	1.3	.2		.2													35	35	284	301
70/ 69	.4	.3	.1	.1	.1													18	18	99	442
68/ 67	.1		.1	.1														4	4	23	424
66/ 65																				19	290
64/ 63			.2															3	3	12	129
62/ 61		.1																1	1	4	70
60/ 59																				4	28
58/ 57																					24
56/ 55																					13
54/ 53																					8
52/ 51																					1
50/ 49																					2
TOTAL	.9	2.5	2.8	3.9	7.4	10.2	13.2	15.9	14.7	11.9	7.7	5.3	2.0	1.0	.5	.1	.1		1835		1834
																		1835		1835	

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	9863330	100350	54.7	14.309	1835							
Dry Bulb	13970926	159714	87.0	6.169	1835			92.8	89.9	83.6	16.2	93
Wet Bulb	9950042	135048	73.6	2.460	1835			91.0	70.4			93
Dew Point	8437555	124217	67.7	3.643	1834			64.3	5.2			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
110/109																	.1	1	1		
108/107																	.1	1	1		
106/105															.1	.2	.5	14	14		
104/103													.1	.1	.7	.9	.3	37	37		
102/101													.7	2.1	1.5	.7	.1	93	93		
100/ 99											.1	.6	3.3	4.0	1.3	.2	.1	176	176		
98/ 97										.1	.9	4.9	6.5	1.8	.4	.2		270	270		
96/ 95									.2	1.4	5.3	6.0	1.7	.3	.1			274	274		
94/ 93								.2	1.1	4.6	4.4	2.3	.5		.1			241	241		
92/ 91							.1	1.3	4.0	4.4	2.0	.4	.2					223	223		
90/ 89						.1	.6	2.2	3.2	1.0	.2	.3	.1					139	139		
88/ 87					.1	.4	2.0	2.4	1.3	.1	.1	.1						122	122		
86/ 85					.2	.4	1.4	.4	.4			.1						54	54		
84/ 83				.1	.4	.5	.5	.3	.1	.2		.1						39	39		
82/ 81					.8	.7	.1	.1	.2		.1							36	36	1	
80/ 79			.2	.8	.7	.2	.1		.1									37	37	34	
78/ 77		.1	.3	.3	.2		.3		.1									22	22	206	4
76/ 75	.1	.2	.3	.1	.1	.1												14	14	668	14
74/ 73	.1	.7	.1		.1	.1												19	19	607	63
72/ 71	.2	.6	.1															15	15	212	165
70/ 69	.1	.1	.1		.1													5	5	53	275
68/ 67																				25	344
66/ 65																				17	325
64/ 63			.1															1	1	8	285
62/ 61																				2	166
60/ 59																					91
58/ 57																					43
56/ 55																					25
54/ 53																					16
52/ 51																					6
50/ 49																					4
48/ 47																					5
TOTAL	.4	1.6	1.0	1.3	2.7	2.5	5.0	6.8	10.7	11.7	12.9	14.6	13.1	8.3	4.0	2.1	1.2	1833	1833	1833	1831

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.	3782824	79104	43.2	14.193	1833							
Dry Bulb	15920054	170402	93.0	6.562	1833			92.9	91.9	88.3	56.2	93
Wet Bulb	10107973	136047	74.2	2.386	1833			91.6	76.9	.4		93
Dew Point	7976224	120580	65.9	4.402	1831			43.9	4.1			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
112/111																	.1	2	2		
108/107																	.2	4	4		
106/105															.1	.5	1.1	31	31		
104/103													.2	.2	1.2	1.6	.8	71	71		
102/101													.4	2.7	3.8	2.2	.4	175	175		
100/ 99												1.0	3.9	5.3	3.2	.4	.3	258	258		
98/ 97									.1	.1	1.4	4.2	6.0	3.3	.8	.1		289	289		
96/ 95									.2	1.4	4.5	4.2	2.9	.5	.1			251	251		
94/ 93								.2	.9	3.6	4.3	1.5	.3	.5				205	205		
92/ 91							.1	.6	2.5	2.3	1.3	.2	.2	.1				136	136		
90/ 89						.2	.5	1.1	2.0	1.1	.1	.1						93	93		
88/ 87						.3	1.0	1.6	.7	.4	.2							77	77		
86/ 85					.1	.9	1.0	.3	.2	.1	.1	.2						54	54		
84/ 83				.1	.4	1.0	.7	.1	.1	.1								44	44		
82/ 81			.1	.2	.5	.4	.3	.1	.1	.2								35	35	3	
80/ 79			.2	.5	.4	.1	.2	.2										28	28	23	
78/ 77		.1	.2	.3	.3	.2	.1	.1										23	23	186	4
76/ 75		.3	.6	.2		.1	.1											22	22	620	12
74/ 73		.7	.2															15	15	609	50
72/ 71	.1	.4	.1															9	9	264	139
70/ 69	.1	.1																3	3	75	229
68/ 67																				23	278
66/ 65																				12	276
64/ 63																				10	283
62/ 61																					224
60/ 59																					144
58/ 57																					77
56/ 55																					56
54/ 53																					22
52/ 51																					17
50/ 49																					12
48/ 47																					2
TOTAL	.2	1.5	1.3	1.3	1.7	3.2	3.9	4.2	6.6	9.5	11.9	11.4	13.9	12.7	9.0	4.8	2.9	1825	1825	1825	1825

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.	3333681	73221	40.1	14.730	1825							
Dry Bulb	16350353	172289	94.4	6.843	1825			93.0	92.4	88.9	65.5	93
Wet Bulb	10009664	133090	74.0	2.346	1825			91.9	73.4	.5		93
Dew Point	7695052	118168	64.7	4.890	1825			36.3	3.4			93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
106/105															.1	.1	.1	4	4		
104/103															.2	.2	.3	13	13		
102/101													.1	.4	.6	.6	.2	34	34		
100/ 99												.2	.4	1.7	1.3	.2	.1	70	70		
98/ 97											.2	1.1	3.4	2.2	.8	.1		139	139		
96/ 95										.3	2.2	3.5	2.7	1.2	.2			180	180		
94/ 93									.2	2.1	3.5	2.9	1.5	.2				186	186		
92/ 91								.2	2.4	4.1	3.8	1.4	.3	.1				220	220		
90/ 89							.5	1.6	4.9	3.6	1.9	.5	.1	.1				235	235		
88/ 87					.1	.3	1.6	3.3	2.6	.7	.4	.2						166	166		
86/ 85					.2	1.1	3.1	1.8	.6	.2	.1	.1						129	129		
84/ 83				.4	.8	2.2	1.3	.4	.2	.2	.1							101	101		
82/ 81			.1	.7	1.6	1.2	.5	.1										74	74		
80/ 79			.6	1.5	1.3	.4	.2	.1	.1	.1								76	76	4	
78/ 77		.3	1.2	.5	.7	.2	.2	.1	.1									59	59	70	
76/ 75		.9	1.1	.4	.3	.2	.1											52	52	370	20
74/ 73	.1	.8	.4	.2	.1	.1	.1											31	31	667	69
72/ 71		.4	.2				.1											12	12	449	152
70/ 69	.1	.1	.1															4	4	149	266
68/ 67				.1														1	1	47	295
66/ 65																				14	261
64/ 63																				13	291
62/ 61																				9	186
60/ 59																					112
58/ 57																					89
56/ 55																					43
54/ 53																					25
52/ 51																					11
50/ 49																					5
48/ 47																					1
TOTAL	.1	2.5	3.3	3.8	5.0	5.8	7.7	7.6	11.1	11.3	12.3	9.7	8.6	5.8	3.1	1.2	.7	1786	1786	1786	1786

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4623048	85808	48.0	16.743	1786							
Dry Bulb	14327261	159489	89.3	6.899	1786			93.0	92.1	83.1	32.6	93
Wet Bulb	9510706	130260	72.9	2.405	1786			91.4	57.9			93
Dew Point	7669099	116711	65.3	4.868	1786			41.8	4.6			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95												.1						1	1		
94/ 93										.1	.2	.4	.2					16	16		
92/ 91									.1	.5	1.5	.3	.2					46	46		
90/ 89								.3	.8	3.6	1.8	.2						122	122		
88/ 87							.5	2.0	4.6	3.3	1.1	.1						209	209		
86/ 85						.9	3.5	6.0	4.3	1.4	.3							294	294		
84/ 83					.4	3.8	6.2	2.8	1.6	.5	.1							274	274		
82/ 81				.8	2.5	4.1	3.3	.6	.7	.1								217	217		
80/ 79			.6	2.7	3.8	1.8	.7	.2	.3	.2								184	184		
78/ 77		.8	1.8	3.0	1.5	.8	.1	.1	.1									146	146	4	
76/ 75	.1	1.6	2.5	1.5	.6	.1	.2	.1	.2									121	121	115	11
74/ 73	.1	2.3	1.7	.3	.3	.1	.1	.1										88	88	486	71
72/ 71	.1	1.5	.6	.2	.3	.1												48	48	675	209
70/ 69		.3	.2	.1		.1												12	12	330	302
68/ 67		.1	.1			.1												6	6	111	331
66/ 65			.1	.1														3	3	27	278
64/ 63																				26	264
62/ 61																				5	146
60/ 59																				1	79
58/ 57																					38
56/ 55																					30
54/ 53																					15
52/ 51																					6
50/ 49																					5
TOTAL	.3	6.3	7.6	8.8	9.4	11.9	14.5	12.2	12.7	9.6	5.0	1.2	.3					1787	1787	1787	1785

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6974195	107895	60.4	16.044	1787							
Dry Bulb	12165180	147148	82.3	5.210	1787			92.8	89.4	66.7	.9	93
Wet Bulb	9119546	127582	71.4	2.469	1787			89.6	31.5			93
Dew Point	7858891	118183	66.2	4.373	1785			48.1	4.3			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1	.2		.2	.1						8	8		
88/ 87							.2	.3	.9	.8	.1							41	41		
86/ 85						.2	1.1	1.9	1.9	.5	.1	.1						105	105		
84/ 83					.1	1.7	2.9	2.6	1.3	.3	.1							164	164		
82/ 81			.1	.4	2.2	3.6	3.7	1.4	.8	.1	.1							226	226		
80/ 79			.3	2.2	4.4	4.4	2.5	1.0	.3	.1								277	277	1	
78/ 77		.3	1.0	4.4	3.5	2.7	1.0	.8	.3	.1	.1							257	257	1	
76/ 75	.1	1.6	3.4	3.5	2.1	1.5	1.0	.3	.2	.1								252	252	44	7
74/ 73	.1	3.2	4.2	1.9	1.1	.9	.7	.5	.1	.1								235	235	234	31
72/ 71	.2	2.0	1.6	1.6	1.3	.4	.2	.1	.1									137	137	545	162
70/ 69	.1	.8	.7	1.1	.8	.3	.1											70	70	445	337
68/ 67	.1	.4	.4	.6	.7	.1												39	39	228	324
66/ 65		.2	.3	.1	.2	.1	.1											16	16	133	302
64/ 63		.2	.2	.1														7	7	95	217
62/ 61						.1												1	1	63	143
60/ 59						.1												1	1	30	115
58/ 57																				10	84
56/ 55																				4	52
54/ 53																				1	24
52/ 51																				2	16
50/ 49																					5
48/ 47																					6
46/ 45																					4
44/ 43																					3
42/ 41																					2
TOTAL	.4	8.9	12.0	15.9	16.4	15.9	13.6	8.9	5.9	1.9	.5	.1							1836		1834
																		1836		1836	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8670426	123366	67.2	14.329	1835							
Dry Bulb	11112811	142553	77.6	4.926	1836			91.7	79.3	35.1		93
Wet Bulb	8853617	127325	69.3	3.596	1836			75.9	14.2			93
Dew Point	7851792	119644	65.2	5.043	1834			43.7	1.9			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87								.1	.2	.4	.1							1	1		
86/ 85							.1	.2	.4	.1								13	13		
84/ 83						.7	.9	.2	.2									37	37		
82/ 81				.1	.7	2.5	1.8	.8	.1		.1							110	110		
80/ 79			.1	1.3	4.5	3.1	1.7	.8		.1								213	213		
78/ 77		.2	.9	3.5	5.8	2.0	1.1	.4										293	293		
76/ 75	.1	1.4	5.4	6.3	3.6	.8	.7	.1										338	338	16	2
74/ 73	.1	4.3	6.3	3.0	1.0	.7	.4	.1	.1									294	294	153	36
72/ 71	.5	4.8	2.7	2.2	1.1	.6	.3	.1										224	224	513	154
70/ 69	.1	2.3	2.2	1.9	1.0	.4	.1	.1										149	149	485	409
68/ 67		1.1	.9	1.1	.6	.1	.1											73	73	268	377
66/ 65		.5	.9	1.0	.1	.2	.1											51	51	148	288
64/ 63	.1	.4	.5	.4	.1	.1												30	30	102	173
62/ 61		.1	.3		.1													9	9	72	140
60/ 59		.2			.1													4	4	55	89
58/ 57					.1													1	1	16	82
56/ 55																				9	47
54/ 53																				1	15
52/ 51																				2	7
50/ 49																					9
48/ 47																					6
46/ 45																					6
TOTAL	.9	15.5	20.1	22.8	18.6	11.1	7.3	2.6	.8	.2	.1							1840	1840	1840	1840

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10543337	137377	74.7	12.483	1840							
Dry Bulb	10305499	137449	74.7	4.544	1840			88.2	65.7	13.0		93
Wet Bulb	8710906	126416	68.7	3.729	1840			72.5	8.5			93
Dew Point	7985474	120900	65.7	4.753	1840			49.4	1.9			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 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	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91									.1	.1	.1							3	3		
90/ 89								.3	.5	.2	.2							22	22		
88/ 87						.1	.4	1.0	.4	.2								38	38		
86/ 85						.8	1.7	1.0	.4	.2								74	74		
84/ 83				.1	.7	1.9	2.2	.8	.2									107	107		
82/ 81				.6	3.0	3.2	1.7	.3	.2		.1							167	167		
80/ 79			.5	3.1	4.8	2.8	.9	.4	.1	.1								235	235		
78/ 77		.2	2.0	5.9	4.0	1.7	.9	.1	.2	.1								277	277	4	
76/ 75	.1	1.5	5.6	4.7	2.4	1.0	.4	.1	.1	.1								293	293	97	8
74/ 73	.2	3.7	4.6	2.8	1.1	.4	.1	.1										238	238	354	58
72/ 71	.6	3.6	2.2	1.8	1.0	.4	.1	.1										180	180	517	269
70/ 69	.2	1.3	1.2	1.4	.9	.3	.1											98	98	377	462
68/ 67	.1	.7	.9	.9	.3	.1	.1											54	54	202	360
66/ 65	.1	.1	.6	.2	.2		.1											23	23	113	227
64/ 63	.1	.2	.6	.2		.1												22	22	75	162
62/ 61		.2	.2															7	7	53	112
60/ 59		.1			.1													2	3	35	75
58/ 57																				9	49
56/ 55																				2	27
54/ 53																				2	12
52/ 51																				1	6
50/ 49																					6
48/ 47																					5
46/ 45																					2
44/ 43																					1
TOTAL	1.3	11.6	18.4	21.6	18.4	12.8	8.6	3.9	2.2	.9	.3							1841	1841		1841
																		1841		1841	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10090011	134225	72.9	12.850	1841							
Dry Bulb	10856023	141037	76.6	9.281	1841			90.2	73.5	27.0		93
Wet Bulb	9033386	128778	70.0	3.712	1841			78.4	23.0			93
Dew Point	8247318	122938	66.8	4.531	1841			58.4	3.3			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
104/103																.1		1	1		
102/101														.3	.3	.1		12	12		
100/ 99												.3	.5	.4	.2			28	28		
98/ 97										.1	.3	1.3	.8	.3	.2			55	55		
96/ 95										.6	2.1	2.0	.3	.1	.1			95	95		
94/ 93								.1	.6	2.5	3.2	.9	.3	.2				141	141		
92/ 91								.5	3.1	3.3	2.6	.3	.3	.2				189	189		
90/ 89						.1	.9	3.5	4.6	2.5	.7	.4	.1					234	234		
88/ 87						.4	2.3	4.4	3.4	1.4	.6	.2						236	236		
86/ 85					.1	2.3	4.1	3.0	1.5	.5	.3	.2	.1					222	222		
84/ 83				.2	1.1	2.8	2.8	1.7	.3	.2	.1							169	169		
82/ 81			.1	.7	2.2	2.2	1.5	1.1	.4	.2	.1	.1						157	157		
80/ 79			.3	1.1	1.9	1.5	.5	.4	.2	.2	.1							113	113	8	
78/ 77		.1	.8	1.1	.8	.5	.3	.1										67	67	101	1
76/ 75		.4	.8	.4	.3	.4	.2	.1										48	48	475	15
74/ 73		.8	.4	.1	.1	.2	.2	.1										34	34	567	69
72/ 71	.1	.8	.2	.1	.1	.1	.1											24	24	352	214
70/ 69		.3	.1	.1	.1													10	10	177	383
68/ 67		.1	.1															3	3	76	373
66/ 65																				47	302
64/ 63																				26	200
62/ 61																				8	114
60/ 59																				2	52
58/ 57																					51
56/ 55																					32
54/ 53																					15
52/ 51																					7
50/ 49																					6
48/ 47																					5
TOTAL	.1	2.5	2.6	3.8	6.6	10.6	12.9	14.9	14.1	11.5	10.0	5.6	2.4	1.5	.8	.1		1838	1838		1839
																		1838		1839	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5537752	97480	53.0	14.150	1838							
Dry Bulb	13903389	159439	86.7	6.321	1838			93.0	91.1	81.5	16.8	93
Wet Bulb	9767265	133907	72.8	3.024	1839			88.8	58.2			93
Dew Point	8178458	122364	66.5	4.460	1839			53.4	4.3			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69,67-70 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
110/109															.1	.1	.1	1	1		
108/107															.1	.1	.2	6	6		
106/105														.1	.2	.7	.7	30	30		
104/103													.2	.8	1.9	1.0	.2	73	73		
102/101													.8	2.2	1.6	.4	.2	96	96		
100/ 99											.1	1.4	3.2	3.2	1.0	.3	.1	170	170		
98/ 97										.1	1.4	3.9	5.4	1.8	.3	.3	.2	246	246		
96/ 95									.3	1.4	4.0	5.1	2.2	.6	.3	.1	.1	256	256		
94/ 93									.8	3.2	3.8	2.3	.9	.5	.3			215	215		
92/ 91							.1	.1	.2	2.9	2.0	1.5	.7	.5				195	195		
90/ 89							.4	.5	.5	2.1	1.7	1.0	.5	.3				172	172		
88/ 87						.1	.8	1.9	1.8	1.0	.7	.4	.2	.1				128	128		
86/ 85					.1	.4	1.2	1.7	.5	.4	.5	.1						90	90		
84/ 83				.1	.2	.8	.7	.3	.3	.1	.1							46	46		
82/ 81			.2	.1	.3	.4	.3	.2	.1	.1								27	27	1	
80/ 79				.4	.5	.1	.1	.1										22	22	29	
78/ 77		.1	.3	.4		.1	.3	.1										23	23	202	
76/ 75		.2	.5	.3	.1	.1	.1											22	22	533	10
74/ 73		.5	.2															13	13	532	40
72/ 71		.2	.1															5	5	281	111
70/ 69			.1															1	1	124	218
68/ 67																				82	291
66/ 65																				45	325
64/ 63																				7	304
62/ 61																				1	188
60/ 59																					134
58/ 57																					77
56/ 55																					59
54/ 53																					36
52/ 51																					15
50/ 49																					12
48/ 47																					9
46/ 45																					3
44/ 43																					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 OBSOLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		1.0	1.3	1.3	1.2	1.9	3.9	6.4	7.9	11.3	14.2	15.7	13.9	10.0	5.6	2.9	1.6	1837	1837	1837	1835

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	3330375	74451	40.5	13.056	1837							
Dry Bulb	16072445	171415	93.3	6.488	1837			93.0	92.7	89.2	55.3	93
Wet Bulb	9948543	135079	73.5	2.939	1837			90.3	65.7	.4		93
Dew Point	7664328	118234	64.4	5.018	1835			34.0	2.9			93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (YEARS) AUG (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.1	2	2		
108/107																.2	.4	11	11		
106/105															.3	.9	1.0	40	40		
104/103														.7	2.1	1.2	.6	84	84		
102/101												.2	.7	2.2	3.7	1.3	.4	159	159		
100/ 99											.1	1.1	3.7	5.5	3.4	1.3	.1	277	277		
98/ 97										.1	.7	2.6	6.0	2.3	.4	.6	.2	237	237		
96/ 95									.3	.8	2.6	4.7	2.7	.9	.6	.1	.1	231	231		
94/ 93								.2	1.2	1.3	2.6	2.0	2.1	1.1	.3	.1		200	200		
92/ 91							.1	.4	1.3	2.6	1.6	1.0	.8	.4	.1	.1		154	154		
90/ 89						.1	.1	.7	1.7	2.1	1.4	1.1	.4	.3	.1			145	145		
88/ 87					.1		.7	1.1	.7	.6	.4	.6	.1					78	78		
86/ 85					.2	.5	.9	1.0	.3	.3	.2	.1						61	61		
84/ 83				.1	.3	.5	.7	.3	.5	.3								49	49		
82/ 81				.2	.5	.7	.2	.1	.1									31	31		
80/ 79			.2	.4	.2	.2		.2	.1									20	20	32	
78/ 77		.1	.5	.5														20	20	146	1
76/ 75		.5	.3		.1													17	17	492	9
74/ 73		.4	.1															8	8	576	48
72/ 71		.1	.1															3	3	299	104
70/ 69	.1	.2																4	4	137	116
68/ 67																				102	230
66/ 65																				37	273
64/ 63																				10	308
62/ 61																					220
60/ 59																					193
58/ 57																					118
56/ 55																					79
54/ 53																					55
52/ 51																					38
50/ 49																					15
48/ 47																					11
46/ 45																					1
44/ 43																					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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
42/ 41																					3
TOTAL	.1	1.3	1.1	1.1	1.3	1.9	2.6	3.9	6.2	8.0	9.6	13.4	16.5	13.4	10.9	5.9	2.9		1831		1831
																		1831		1831	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2947185	68937	37.6	13.862	1831							
Dry Bulb	16456067	173159	94.6	6.624	1831			93.0	92.6	89.8	63.0	93
Wet Bulb	9845826	134162	73.3	2.904	1831			90.6	63.3	.5		93
Dew Point	7363164	115668	63.2	5.541	1831			25.8	2.9			93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69,67-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																.1	.1	2	2		
104/103															.2	.1	.2	8	8		
102/101														.6	.7	.3	.1	31	31		
100/ 99											.1	.2	.5	1.3	1.0	.3		61	61		
98/ 97										.1	.1	.8	2.5	1.7	.9	.1	.1	111	111		
96/ 95										.3	1.3	3.0	2.7	1.0	.3	.1		157	157		
94/ 93								.1	.2	1.1	3.1	2.9	1.6	.4	.2		.1	171	171		
92/ 91						.1	.1	.6	1.0	3.7	3.3	1.7	.9	.1	.1			205	205		
90/ 89						.1	.1	1.0	3.0	2.6	2.1	1.1	.4	.1	.1			189	189		
88/ 87						.2	1.3	2.8	3.1	1.7	1.2	.8	.2	.1				203	203		
86/ 85					.1	1.0	2.5	1.9	.7	.8	.6	.3	.1					142	142		
84/ 83				.1	.6	1.9	2.2	1.0	.6	.7	.3	.1						134	134		
82/ 81			.1	.3	1.0	1.8	.8	.7	.7	.4		.1						105	105	2	
80/ 79		.1	.5	.9	1.6	.8	.5	.4	.3	.1								93	93	10	
78/ 77	.1	.2	.9	1.5	.9	.3	.3	.3	.2	.1								83	83	52	1
76/ 75	.1	.5	1.2	.5	.1		.3		.1									49	47	256	18
74/ 73		.5	.4	.2	.1	.1												23	23	548	50
72/ 71	.1	.3	.1		.1	.1												11	11	449	138
70/ 69		.2	.1		.1													5	5	232	167
68/ 67																				108	244
66/ 65																				82	299
64/ 63																				31	245
62/ 61																				11	168
60/ 59																				2	151
58/ 57																					111
56/ 55																					86
54/ 53																					42
52/ 51																					32
50/ 49																					14
48/ 47																					6
46/ 45																					1
44/ 43																					4
42/ 41																					4
40/ 39																					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) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	1.7	3.3	3.4	4.4	6.2	8.1	8.8	10.0	11.6	12.1	10.9	9.0	5.4	3.4	1.1	.4	1783	1783	1783	1782

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4411847	83743	47.0	16.349	1783							
Dry Bulb	14037530	157732	88.5	4.860	1783			93.0	92.2	82.2	28.2	93
Wet Bulb	9244173	128265	71.9	3.095	1783			86.4	45.3	.3		93
Dew Point	7348374	113988	64.0	5.656	1782			32.3	3.6			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | AUG MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95												.1						1	1		
94/ 93										.1	.3	.1	.2	.1				12	12		
92/ 91									.1	.5	1.4	.7	.1					47	47		
90/ 89							.1	.2	1.2	2.6	1.5	.5	.1					108	108		
88/ 87							.6	1.8	4.4	2.2	1.0	.3						182	182		
86/ 85						.6	2.0	5.0	3.1	1.4	.7	.1						230	230		
84/ 83				.1	.8	2.6	3.5	2.5	1.2	1.1	.3	.1						218	218		
82/ 81			.1	.6	1.9	3.8	2.6	1.2	1.0	.2	.2	.1						209	209		
80/ 79		.1	.2	1.4	3.4	2.1	1.8	1.2	.4	.3	.2							196	196		
78/ 77		.3	1.1	3.4	2.1	1.4	1.1	.6	.8	.2	.1							193	193	11	
76/ 75		1.3	2.1	2.3	1.3	.6	.6	.6	.3	.1								165	165	96	11
74/ 73	.1	1.6	1.5	1.0	.3	.8	.5	.2										105	105	318	45
72/ 71	.2	1.4	.9	.4	.5	.3	.1	.1										68	68	563	151
70/ 69	.1	.6	.3	.2	.2	.3	.1		.1									33	33	362	242
68/ 67		.1	.1	.3		.1												9	9	175	298
66/ 65				.1														1	1	119	291
64/ 63																				69	235
62/ 61																				42	143
60/ 59																				18	117
58/ 57																				3	102
56/ 55																				1	63
54/ 53																					31
52/ 51																					15
50/ 49																					18
48/ 47																					6
46/ 45																					3
44/ 43																					4
42/ 41																					1
TOTAL	.3	5.3	6.2	9.7	10.5	12.6	12.9	13.4	12.5	8.6	5.6	2.0	.3	.1				1777	1777	1777	1776

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6672322	105202	59.2	15.814	1777							
Dry Bulb	11617470	144580	81.4	5.523	1777			92.9	87.2	57.9	.7	93
Wet Bulb	8782315	124779	70.2	3.395	1777			79.8	22.2			93
Dew Point	7491567	114957	64.7	5.340	1776			39.1	2.9			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1									1	1		
86/ 85							.1	.1	.1									4	4		
84/ 83					.1	.2	.1	.3	.2	.1								18	18		
82/ 81				.1	.3	1.0	.7	.1	.2		.1							44	44		
80/ 79		.1	.2	.8	1.5	1.9	1.1	.3	.2		.1							110	110		
78/ 77	.2	.2	.4	2.1	2.9	1.9	.5	.5	.2	.1	.1							158	158	6	5
76/ 75	.1	.7	3.6	3.2	3.0	1.6	.9	.3	.1	.2								243	243	19	7
74/ 73	.1	3.3	2.8	1.9	1.2	1.0	1.1	.3	.1									208	208	59	14
72/ 71	.6	3.3	2.8	1.6	1.3	.8	.7	.2	.1									202	202	272	117
70/ 69	.7	2.7	1.4	1.9	1.4	1.2	.8	.3	.1									184	184	283	202
68/ 67	.2	2.2	2.1	1.2	.5	.8	.7	.2										141	141	218	196
66/ 65	.3	2.5	1.8	.7	.5	.7	.6	.2										128	128	168	218
64/ 63	.3	1.7	2.0	1.1	.6	.6	.2											113	113	191	171
62/ 61	.1	1.3	1.5	.7	.6	.2	.1											80	80	125	160
60/ 59		1.2	.9	.8	.5	.2												63	63	127	136
58/ 57		.5	.5	.5	.1	.1												29	29	103	130
56/ 55		.5	.6	.2	.1													24	24	83	103
54/ 53		.3	.1	.1	.1													9	9	61	55
52/ 51		.1		.1														4	4	31	81
50/ 49			.1															2	2	11	54
48/ 47				.2														3	3	4	43
46/ 45																				4	35
44/ 43																				2	13
42/ 41																				1	18
40/ 39																					6
38/ 37																					4
TOTAL	2.9	20.5	20.7	17.2	14.7	12.2	7.7	2.7	1.2	.3	.2							1768		1768	
																			1768		1768

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10173956	131560	74.4	14.748	1768							
Dry Bulb	8920201	125055	70.7	6.904	1768			66.8	40.0	6.1		90
Wet Bulb	7530855	114883	65.0	6.091	1768			43.6	4.2			90
Dew Point	6814963	108955	61.6	7.541	1768			27.8	1.3			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 1 | 0300-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1											1	1		
82/ 81					.3	.1	.1		.1									9	9		
80/ 79			.1	.7	.6	.1	.2	.2										32	32		
78/ 77	.1	.1	.5	.8	1.6	.6	.2	.2	.1									72	72	1	1
76/ 75	.2	1.1	2.5	3.2	1.7	.3	.1			.1								165	165	11	5
74/ 73	.2	3.5	5.0	2.8	1.5	.5	.2		.1									243	243	62	20
72/ 71	.9	4.8	3.8	2.3	.8	.7	.1	.2	.1	.1								245	245	214	122
70/ 69	1.0	4.2	2.2	2.2	.9	.7	.3											204	204	282	205
68/ 67	.3	3.3	1.7	1.4	1.0	.8	.3	.1	.1									160	160	221	224
66/ 65	.8	3.3	2.0	1.5	.8	.8	.2	.1										170	170	175	191
64/ 63	.1	2.7	1.6	.7	.6	.5	.4											117	117	154	172
62/ 61	.2	2.0	1.9	.8	.6	.4												104	104	138	151
60/ 59	.1	2.4	.7	.8	.6	.2												84	84	130	123
58/ 57		1.9	1.1	.5	.6	.1												73	73	125	113
56/ 55	.1	.7	1.1	.5	.2													43	43	81	110
54/ 53		.6	.7	.2	.1													28	28	67	76
52/ 51		.4	.3	.3														17	17	65	64
50/ 49	.1	.1		.1														4	4	29	62
48/ 47		.1	.1	.1														3	3	9	32
46/ 45			.1															2	2	9	39
44/ 43																					18
42/ 41																				3	15
40/ 39																					8
38/ 37																					3
36/ 35																					2
TOTAL	3.9	31.1	25.4	18.7	11.8	5.7	2.2	.7	.3	.2									1776		1776
																		1776		1776	

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.	11706065	142373	80.2	12.842	1776							
Dry Bulb	8339956	121154	68.2	6.506	1776			57.3	26.5	1.2		90
Wet Bulb	7359791	113739	64.0	6.530	1776			40.1	3.7			90
Dew Point	6827867	109257	61.5	7.747	1776			29.2	1.3			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95													.1					1	1		
88/ 87								.1	.1									3	3		
86/ 85							.2	.1										5	5		
84/ 83					.1	.2	.3	.1	.1									14	14		
82/ 81			.1	.1	.5	.6	.2	.1	.1									28	28		
80/ 79		.1	.2	1.5	1.7	.7	.2	.3	.1	.1	.1	.1						88	88		
78/ 77		.1	.8	2.6	1.3	.6	.2	.6	.1									111	111	2	1
76/ 75	.1	1.5	2.9	2.8	1.1	.7	.5	.3	.1	.1								178	178	19	1
74/ 73	.3	3.9	3.8	2.5	.7	.7	.4	.2	.2	.1								224	224	117	37
72/ 71	.9	4.3	4.3	1.3	.8	.5	.2	.3	.2									230	230	251	151
70/ 69	.5	4.5	2.2	1.7	.9	1.2	.4	.2	.2									209	209	270	238
68/ 67	.3	2.7	1.6	1.1	1.1	.5	.2		.1									134	134	207	232
66/ 65	.6	2.4	2.0	1.2	1.0	.3	.3	.1										138	138	154	192
64/ 63	.4	2.5	1.5	1.0	.3	.2	.2											110	110	155	134
62/ 61	.1	1.4	1.1	.8	.6	.2	.1											75	75	138	133
60/ 59	.2	1.7	1.0	.8	.8	.2												84	84	113	120
58/ 57		1.8	.6	.3	.3													56	56	109	101
56/ 55	.1	.7	1.0	.6	.2													44	44	88	93
54/ 53		.2	.6	.2	.1													19	19	55	97
52/ 51	.1	.5	.1	.1														14	14	48	67
50/ 49	.1	.1		.2														6	6	32	51
48/ 47		.1																1	1	8	46
46/ 45				.1														2	2	3	34
44/ 43																				3	16
42/ 41																					11
40/ 39																				2	11
38/ 37																					4
36/ 35																					2
TOTAL	3.9	28.5	23.7	19.2	11.7	6.4	3.2	2.4	1.0	.2	.1	.1	.1					1774	1774		1772
																				1774	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1129813	139315	78.6	13.953	1773							
Dry Bulb	8646749	123233	69.5	6.973	1774			62.1	33.1	4.8	.1	90
Wet Bulb	7523771	114933	64.8	6.613	1774			43.9	7.0			90
Dew Point	6928804	109926	62.0	7.869	1772			33.5	2.0			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101													.1					2	2		
100/ 99													.1				.1	2	2		
98/ 97											.1	.2			.1			6	6		
96/ 95										.1	.2	.3	.1	.1	.1			13	13		
94/ 93									.2	.5	.5	.5	.1	.1	.1			35	35		
92/ 91									.4	1.2	.7	.5	.2	.1				55	55		
90/ 89				.1			.1	1.1	2.3	1.1	.7	.3	.3	.2	.1			109	109		
88/ 87						.2	1.3	2.6	2.0	.8	.7	.4	.2					144	144		
86/ 85			.1			1.4	2.8	1.8	.8	.9	.7	.3	.2	.1				160	160		
84/ 83					.7	2.4	2.3	1.0	.8	.3	.2	.3	.1					144	144	2	
82/ 81		.1	.1	.6	2.3	2.4	1.4	.9	.6	.5	.3	.2						163	163		2
80/ 79			.1	1.4	2.5	1.8	.7	.8	1.1	.4	.6	.2						170	170	1	1
78/ 77		.1	.8	2.1	1.4	.7	.6	.5	.5	.5	.1	.1						128	128	26	1
76/ 75		.5	1.5	1.4	1.2	1.0	.8	.7	.6	.5	.1							148	148	175	1
74/ 73		1.2	.7	1.1	.8	1.1	1.0	1.0	.3	.1								132	132	317	43
72/ 71	.2	1.1	.6	.8	.7	1.2	.3	.6	.1	.1								102	102	294	159
70/ 69	.1	.6	.5	.6	.7	.8	.7	.1	.2									75	75	193	266
68/ 67	.1	.7	1.2	.7	.5	.6	.2	.1	.1									72	72	171	242
66/ 65		.6	.3	.6	.2	.4	.3	.1										43	43	132	191
64/ 63		.3	.2	.2	.1	.2	.2	.1										23	23	129	143
62/ 61		.2	.2	.2	.3	.2	.1											21	21	126	113
60/ 59		.2	.2	.1	.1	.1	.1											13	13	93	115
58/ 57		.3	.2		.1	.1												12	12	54	101
56/ 55		.1					.1											2	2	26	98
54/ 53																				23	66
52/ 51					.1													1	1	9	66
50/ 49																				3	42
48/ 47																				3	38
46/ 45																				2	35
44/ 43																					21
42/ 41																					12
40/ 39																					10
38/ 37																					6
36/ 35																					1

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					2
TOTAL	.3	5.9	6.6	9.9	11.4	14.6	13.0	11.2	10.0	6.9	4.9	3.2	1.4	.5	.2		.1	1775	1775	1775	1775

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	666'716	104640	59.0	16.804	1775							
Dry Bulb	11280047	140769	79.3	8.091	1775			84.2	71.5	47.6	2.9	90
Wet Bulb	8343991	121245	68.3	5.916	1775			59.8	26.4	.1		90
Dew Point	7041320	110908	62.5	7.924	1775			36.3	2.4	.1		90

USAFETAC FORM 0-26-5 (OL A) JUL 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
108/107															.1				1	1		
106/105															.1		.1		4	4		
104/103														.4			.1		9	9		
102/101												.1	.2	.3	.1	.2	.1		18	18		
100/ 99												.1	.5	.3	.1	.2	.2		25	25		
98/ 97											.1	1.0	.7	.8	.3	.5			62	62		
96/ 95										.2	1.8	1.9	1.9	1.2	.1	.1			126	126		
94/ 93								.1	.3	1.7	2.5	2.2	1.2	.6	.5	.2			167	167		
92/ 91				.1				.5	1.9	2.8	1.8	1.3	1.3	.4	.2	.1			181	181		
90/ 89							.2	1.1	2.3	2.4	1.0	.8	1.0	.2	.2				169	169		
88/ 87						.2	1.2	1.6	1.8	.8	.6	1.0	.6	.4	.2				147	147		
86/ 85					.1	.8	1.5	1.6	1.2	.6	.7	.7	.2	.3					139	139	1	
84/ 83					.5	1.2	1.5	1.4	.4	.6	.6	.3	.3	.1					121	121		1
82/ 81				.2	1.1	.9	.9	.9	1.1	.8	1.0	.2	.2						131	131		
80/ 79			.1	.7	.9	.9	.6	.7	.8	.9	.5								107	107	7	
78/ 77			.2	.3	.5	.5	1.1	.6	1.0	.6	.2	.1							93	93	71	
76/ 75		.3	.7	.2	.3	.3	.7	.5	.6	.2	.1								70	70	248	3
74/ 73	.1	.5	.5	.1	.4	.3	.3	.5	.2	.1	.1								53	53	334	26
72/ 71	.2	.5	.1	.2	.5	.3	.3	.4	.2	.1									49	49	275	122
70/ 69		.4	.6	.3	.1	.1	.2	.2	.1										35	35	188	161
68/ 67		.5	.1	.3	.1	.2	.1	.1		.1									25	25	147	211
66/ 65	.1	.1	.1	.1				.1											6	6	153	220
64/ 63		.3	.2	.1			.1		.1										12	12	122	189
62/ 61		.2						.1											4	4	104	125
60/ 59		.3	.2			.1		.1											10	10	62	120
58/ 57		.1	.2																6	6	28	118
56/ 55			.1																1	1	14	99
54/ 53																					10	86
52/ 51																					3	85
50/ 49																					2	63
48/ 47																					2	42
46/ 45																						30
44/ 43																						30
42/ 41																						15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-63,67-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39																					8
38/ 37																					7
36/ 35																					4
34/ 33																					4
TOTAL	.3	3.2	2.9	2.4	4.5	5.9	8.8	10.3	12.4	12.0	10.8	9.8	8.1	5.2	1.9	1.1	.5	1771	1771	1771	1769

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4371641	82747	46.7	16.898	1771							
Dry Bulb	13112018	151616	85.6	8.639	1771			88.0	82.5	69.0	20.9	90
Wet Bulb	8621897	123193	69.6	5.442	1771			64.6	33.6	.1		90
Dew Point	6724323	108143	61.1	8.003	1769			26.7	1.5	.1		90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
108/107															.1		.1		3	3		
106/105													.1	.1	.1				4	4		
104/103														.2	.1		.3		10	10		
102/101													.1	.2	.2	.3	.1		14	14		
100/ 99												.1	1.1	.6	.4	.3	.5		53	53		
98/ 97											.1	.7	1.3	1.1	.7	.3	.1		77	77		
96/ 95										.4	1.0	2.3	2.4	2.1	.9	.5			169	169		
94/ 93								.1	.2	1.3	3.0	2.8	1.8	.7	.2	.1			177	177		
92/ 91							.1	.1	1.1	1.6	2.1	.5	1.5	1.0	.6	.1	.1		154	154		
90/ 89							.5	1.2	2.4	1.8	1.2	1.0	1.6	.5	.5	.1			187	187		
88/ 87							.7	1.8	1.6	1.1	.7	.9	.5	.7	.2				144	144		
86/ 85						.4	.7	1.5	1.5	.7	.7	.5	.5	.2					118	118		
84/ 83				.1	.1	.9	1.2	1.1	1.2	1.0	.6	.7	.4	.1					127	127		
82/ 81				.2	.6	1.0	.7	.4	1.2	1.1	.7	.3	.1						111	111	1	
80/ 79			.2	.7	.8	.3	.6	.9	1.0	.9	.5	.1	.1						106	106	8	
78/ 77			.6	.5	.6	.3	.5	.6	.3	.7	.3	.1							78	78	48	
76/ 75		.5	1.0	.5	.1	.4	.2	.6	.6	.1	.1	.2							76	76	192	4
74/ 73	.1	.3	.3	.1	.6	.3	.2		.5	.1									43	43	318	29
72/ 71	.1	.4	.4	.6	.2	.1	.3	.2											38	38	324	82
70/ 69		.4	.2	.4	.1		.1	.1	.2	.1									26	26	206	133
68/ 67	.1	.2	.2	.1			.1		.1										12	12	178	184
66/ 65		.2	.4	.1					.3										18	18	161	187
64/ 63		.2	.2																6	6	128	192
62/ 61		.1			.1														2	2	91	151
60/ 59		.1	.1	.1															4	4	60	157
58/ 57		.1		.1	.1														5	5	21	108
56/ 55																					11	116
54/ 53																					6	97
52/ 51																					3	79
50/ 49																					6	54
48/ 47																						62
46/ 45																						46
44/ 43																						32
42/ 41																						22

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
40/ 39																					8
38/ 37																					7
36/ 35																					3
34/ 33																					7
32/ 31																					1
TOTAL	.2	2.5	3.5	3.3	3.2	3.7	5.8	8.3	12.1	10.7	11.0	10.1	11.5	7.9	3.8	1.7	1.1		1762		1761
																		1762		1762	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3958106	77570	44.0	17.562	1762							
Dry Bulb	13371919	152769	86.7	8.476	1762			88.2	84.3	72.0	25.9	90
Wet Bulb	8533751	122293	69.4	9.103	1762			65.1	29.0	.2		90
Dew Point	6483207	105887	60.1	8.130	1761		.1	22.1	1.7			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

03943 — STATION
FT WOLTERS AAF TEX/MINERAL WELLS — STATION NAME
49-65,67-70 — YEARS
SEP — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101														.1				1	1		
100/ 99													.1	.1				2	2		
98/ 97												.1	.1	.1				3	3		
96/ 95											.2	.5	.2	.3	.1			22	22		
94/ 93								.1		.2	.5	.5	.7	.3	.1	.1		39	39		
92/ 91								.1	.2	.8	1.5	.5	.4	.4				67	67		
90/ 89						.1	.1	.3	1.2	2.0	1.2	1.0	.6	.3	.1			118	118		
88/ 87						.1	.6	1.5	2.3	1.5	1.2	.6	.3	.1				144	144		
86/ 85					.1	.3	1.2	1.9	1.6	.9	1.0	.5	.3	.1				137	137		
84/ 83		.1		.1	.2	1.2	2.1	1.6	1.0	1.2	.6	.3	.1					147	147		
82/ 81				.2	1.2	1.4	1.6	1.3	1.0	.8	.8	.2	.1					148	148	1	
80/ 79	.1		.1	1.0	1.6	1.3	1.0	1.3	1.1	.7	.6	.2						156	156	3	
78/ 77		.1	.8	1.0	1.6	1.0	1.0	1.0	.6	1.0	.2	.1						143	143	14	
76/ 75		1.1	1.3	1.0	1.0	1.0	.6	.3	.8	.6	.2							145	145	66	7
74/ 73	.1	1.1	1.0	.9	.9	.7	.6	.6	.5									111	111	226	27
72/ 71	.2	1.0	.9	1.2	.9	1.0	.8	.5	.2	.2	.1							121	121	304	114
70/ 69	.1	.5	.5	.9	.2	.6	.4	.2	.1									61	61	259	120
68/ 67	.1	.9	.7	.8	.5	.4	.3		.1									65	65	180	179
66/ 65	.1	.8	.5	.2	.4	.6	.1	.1	.1									50	50	199	188
64/ 63		.3	.3	.2	.2	.1	.1	.1										25	25	154	190
62/ 61		.1	.1	.1	.2	.1	.1											9	9	116	178
60/ 59			.1	.1	.1	.1												6	6	85	124
58/ 57		.1			.1	.2												6	6	67	122
56/ 55				.1	.1	.1												3	3	27	105
54/ 53																				10	99
52/ 51																				8	70
50/ 49																				6	59
48/ 47																				4	38
46/ 45																					28
44/ 43																					21
42/ 41																					18
40/ 39																					5
38/ 37																					12
36/ 35																					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) 3/E 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-65,67-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
34/ 33																						2
TOTAL	.5	6.1	6.3	7.8	9.2	10.1	10.6	11.5	10.9	9.8	7.9	4.5	2.7	1.6	.3	.1			1729	1729	1729	1728

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5892831	95739	55.4	18.344	1729							
Dry Bulb	11098196	137836	79.7	7.975	1729			84.8	42.0	47.1	3.5	90
Wet Bulb	7927538	116698	67.5	5.436	1729			54.8	16.1	.2		90
Dew Point	6479084	104938	60.7	7.849	1728			23.3	1.8			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-69,67-70 (YEARS) SEP (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.2			.1						5	5		
88/ 87								.2	.5	.2	.1							18	18		
86/ 85					.2	.2	.8	.8	.6	.4	.2	.1	.1					57	57		
84/ 83					.2	.5	1.4	1.6	.6	.5	.5	.2						92	92		
82/ 81		.1	.1	.2	.8	1.7	2.8	1.3	.9	.3	.2							149	149		
80/ 79		.1	.1	1.3	2.1	2.8	1.6	1.1	.8	.2	.1							177	177	1	
78/ 77		.1	.7	1.7	1.5	1.4	1.4	1.0	.7	.4	.2	.1						159	159	8	3
76/ 75	.1	.8	2.0	2.3	1.4	1.3	1.2	.6	.8	.2	.1							189	189	20	5
74/ 73	.2	2.7	2.3	1.9	1.1	1.1	.7	.7	.3	.2								193	193	125	24
72/ 71	.5	1.9	1.4	1.0	1.3	.7	.5	.8	.3									145	145	265	118
70/ 69	.2	1.4	2.1	1.4	.8	.9	.5	.5	.1	.1								139	139	278	159
68/ 67		1.0	1.9	1.1	1.0	.9	.3	.5	.1									118	118	179	183
66/ 65	.2	1.9	1.3	1.2	.8	.6	.2	.1										108	108	205	188
64/ 63	.1	.9	.9	1.0	.8	.6	.1	.1										76	76	177	186
62/ 61	.1	.5	.9	.9	.3	.1	.1											53	53	121	156
60/ 59		.2	.5	.6		.1	.1											26	26	120	140
58/ 57		.1	.3	.1	.2	.1												14	14	89	113
56/ 55			.1	.1	.3	.1												9	9	72	107
54/ 53				.1		.1												2	2	38	86
52/ 51				.1	.1													2	2	8	73
50/ 49																				12	63
48/ 47																				6	40
46/ 45																				2	22
44/ 43																				1	22
42/ 41																					21
40/ 39																					9
38/ 37																					6
36/ 35																					3
TOTAL	1.3	11.9	14.6	15.1	12.7	13.2	11.7	9.1	6.0	2.7	1.4	.3	.1					1727	1727	1727	1727

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8192295	115333	66.8	16.850	1727							
Dry Bulb	9495807	127499	73.8	6.932	1727			74.9	53.9	21.6		90
Wet Bulb	7527885	113575	65.8	5.831	1727			45.7	8.0			90
Dew Point	6560857	105601	61.1	7.749	1727			25.6	1.7			90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1	.1											2	2		
80/ 79				.1	.1	.1	.1											5	5		
78/ 77			.2	.4	.4	.1												21	21		
76/ 75		.4	.8	.8	.4	.2	.1				.1							48	50		
74/ 73		.4	1.2	.9	.6	.2	.3	.2	.1		.1							75	75	17	8
72/ 71		1.3	.7	1.0	1.0	.6	.1	.1		.1								91	92	43	15
70/ 69	.3	1.2	1.7	1.4	.9	.3	.3	.1		.1								115	116	82	66
68/ 67	.5	1.8	1.6	1.5	1.1	.8	.8	.3	.1									155	156	79	63
66/ 65	.5	2.0	1.6	1.2	1.0	.8	.4	.1	.1									142	145	111	74
64/ 63	.3	2.5	1.0	1.8	1.0	.6	.3	.3										145	146	136	111
62/ 61	.6	2.0	2.6	1.5	.7	.2	.2	.1	.1									145	146	135	127
60/ 59	.4	2.0	2.0	1.3	.9	.8	.3	.1										145	145	122	104
58/ 57	.2	1.5	1.0	1.2	.8	.8	.5	.1										111	111	163	109
56/ 55	.3	1.3	1.6	1.5	1.2	.6	.4	.1										129	129	147	109
54/ 53	.4	1.6	1.6	1.8	.9	.3												124	124	108	140
52/ 51	.1	2.9	2.3	1.6	.7	.2												136	136	119	89
50/ 49		1.3	1.5	1.2	1.1	.2												98	98	140	122
48/ 47	.2	.9	.7	.6	.4													54	54	148	123
46/ 45		.5	.6	.4	.6	.1	.1											41	41	101	107
44/ 43	.1	.6	.3	.5	.2	.1												33	33	71	83
42/ 41		.2	.4	.4														18	18	51	83
40/ 39	.2	.1	.4	.1	.1													15	15	32	82
38/ 37		.2	.1		.1													5	5	22	67
36/ 35		.2																3	3	22	43
34/ 33		.1																2	2	4	42
32/ 31																				4	35
30/ 29																				1	20
28/ 27																					16
26/ 25																					12
22/ 21																					1
18/ 17																					4
16/ 15																					2
TOTAL	4.0	24.6	23.7	21.2	14.2	6.6	3.8	1.3	.3	.1	.1							1858		1857	
																		1858	1858		

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	10802898	138662	74.6	15.646	1858							
Dry Bulb	6940777	112659	60.3	8.852	1868			25.7	7.6	.2		93
Wet Bulb	5875948	103166	55.5	8.904	1858		.3	11.1	.9			93
Dew Point	5166848	95828	51.6	10.931	1857		4.5	7.6	.4			93

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1	.1													3	4		
76/ 75		.1	.9	.4		.1												27	29		
74/ 73		1.2	1.1	.3	.1													49	50	7	3
72/ 71		1.9	1.0	.9	.1	.1	.2	.1		.1								80	81	51	23
70/ 69	.4	1.1	1.9	1.1	.2	.1				.1								91	92	68	61
68/ 67	.3	1.4	1.5	.9	.3	.1	.1	.1	.1									87	89	70	58
66/ 65	.7	2.1	2.0	1.1	.6	.2	.2	.1										131	132	88	70
64/ 63	.7	3.1	1.2	1.1	.9	.7	.3	.1										148	150	110	97
62/ 61	1.2	2.7	2.3	1.4	.7	.3	.1	.1										157	160	139	130
60/ 59	.4	2.4	2.0	1.5	.6	.5	.2											146	150	107	110
58/ 57	.6	2.8	1.8	1.2	.6	.5	.1											143	145	138	83
56/ 55	.5	2.3	1.3	.9	.8	.2	.2											117	117	159	121
54/ 53	.2	1.5	1.6	1.0	.9	.6	.2											110	110	113	128
52/ 51	.3	3.1	1.9	1.6	.5	.2												143	143	116	104
50/ 49	.1	2.9	2.8	1.3	.6	.2												149	149	142	110
48/ 47	.1	2.4	1.3	1.2	.3													100	100	143	120
46/ 45	.2	1.2	1.2	.6	.4	.2												71	71	146	121
44/ 43	.1	.3	.7	.6	.2													34	34	76	102
42/ 41	.2	1.0	.7	.4	.1													45	45	68	98
40/ 39	.2	.4	.4	.1														18	18	59	81
38/ 37		.6	.4	.1														19	19	32	54
36/ 35		.1	.1	.2														7	7	28	76
34/ 33		.2	.1															4	4	11	29
32/ 31	.1	.1																3	3	7	38
30/ 29																				4	23
28/ 27																					26
26/ 25																					9
24/ 23																					1
20/ 19																					1
18/ 17																					3
16/ 15																					2
TOTAL	6.1	35.0	27.6	17.9	7.8	3.9	1.4	.3	.1	.1									1902		1882
																		1882		1882	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12237056	149350	79.4	14.308	1882							
Dry Bulb	6512828	109966	57.8	9.030	1902		.1	16.9	4.1			93
Wet Bulb	3677227	101885	54.1	9.266	1882		.5	9.7	.3			93
Dew Point	5119060	95952	51.0	10.986	1882		5.1	7.2	.1			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.1													2	2		
78/ 77			.2	.4	.1	.1												14	14		
76/ 75		.3	.3	.3			.1											22	22		
74/ 73		1.3	1.2	.4		.2	.1	.1	.1									61	62	14	1
72/ 71	.2	1.8	1.2	.6	.2	.1	.1		.1									80	82	62	36
70/ 69	.2	1.8	1.9	.8	.3	.1	.1			.1								98	98	63	69
68/ 67	.5	1.5	1.5	.8	.5	.3	.2	.1	.1	.1								105	106	83	69
66/ 65	.4	2.1	1.9	.8	.8	.3	.1	.1	.2									124	129	82	75
64/ 63	.6	3.6	1.2	.7	.5	.5	.3											141	142	127	86
62/ 61	1.0	2.5	1.7	1.6	.7	.5	.2	.1										161	165	124	134
60/ 59	.6	2.2	1.7	1.3	.8	.7	.3	.1										145	149	113	101
58/ 57	.4	3.0	1.5	1.1	.8	.4	.1	.1										139	143	132	83
56/ 55	.4	1.8	1.9	1.1	.8	.2	.2											120	120	138	115
54/ 53	.2	1.7	1.9	1.2	.8	.4	.1	.1										120	120	125	115
52/ 51	.5	2.2	1.7	1.5	.6	.4												131	131	129	116
50/ 49	.3	2.0	2.1	1.2	.5	.4												122	122	144	100
48/ 47	.2	2.2	1.7	.7	.4	.1	.1											101	101	131	124
46/ 45	.1	1.7	1.4	.7	.1	.1												79	79	136	97
44/ 43		.6	.8	.4	.1	.1												36	36	81	116
42/ 41	.1	.7	.5	.2	.1													30	30	76	108
40/ 39		.6	.5	.4														28	28	51	77
38/ 37		.3	.1															12	12	34	66
36/ 35	.1	.3	.2	.1														12	12	25	68
34/ 33		.1	.1	.1														3	3	8	41
32/ 31	.1	.2																5	5	7	30
30/ 29																				6	22
28/ 27																					23
26/ 25																					8
24/ 23																					5
20/ 19																					1
18/ 17																					4
TOTAL	6.0	34.7	27.4	16.2	8.1	4.8	1.7	.5	.4	.1								1913			1890
																		1891		1891	

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.	12209267	149297	79.0	14.943	1891							
Dry Bulb	6641478	1:1340	58.2	9.184	1913		.2	18.8	4.9	.1		93
Wet Bulb	5762762	102866	54.4	9.402	1891		.6	10.9	.7			93
Dew Point	5186976	96730	51.2	11.176	1890		4.6	8.6	.0			93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — OCT MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97														.1				1	1		
92/ 91											.1		.1					3	3		
90/ 89								.1	.1			.2	.1		.1			11	11		
88/ 87							.1	.2	.1	.1	.2	.1	.1		.1			14	14		
86/ 85						.2	.5	.2		.2	.3		.1	.1				29	29		
84/ 83					.1	.6	.3	.3	.1	.4	.1	.1	.1					38	38		
82/ 81				.1	.5	.6	.8	.7	.8	.4	.3	.3	.1					67	67		
80/ 79				.6	.8	1.1	1.0	.8	.3	.4	.3	.2	.1					103	103		
78/ 77			.1	.5	.9	1.5	1.3	1.0	.4	.3	.2	.3						123	124	1	
76/ 75		.3	.7	1.4	1.5	.9	1.1	.5	.4	.4	.3	.1						144	145	19	
74/ 73		.3	.7	1.0	1.1	.8	.6	.6	.8	.4	.4							127	129	61	7
72/ 71	.1	.4	1.0	.9	1.3	1.1	.7	.8	.6	.1	.2							137	138	68	46
70/ 69	.1	.6	.7	1.2	1.2	.6	1.2	.7	.7	.2	.1							137	142	117	61
68/ 67	.1	.6	.9	.8	.8	.8	.8	1.2	.8		.1							132	134	164	82
66/ 65	.2	1.2	1.1	.7	1.2	1.2	1.2	.6	.5	.3								156	159	171	93
64/ 63	.4	1.0	.9	.7	.8	1.3	.8	.7	.5									136	136	147	139
62/ 61	.3	.4	.6	.7	.9	1.4	.8	.6	.2	.1								112	114	142	125
60/ 59	.1	.6	1.2	.8	1.1	.6	1.0	.8	.1	.1								120	122	126	116
58/ 57		.5	.6	.6	.6	.8	.4	.3	.1									74	75	152	128
56/ 55	.2	.4	.3	.6	.4	.4	.4	.1	.1									55	55	153	103
54/ 53		.4	.6	.5	.7	.2	.2	.1										50	50	133	103
52/ 51	.1	.3	.2	.3	.5	.2	.1											32	32	113	87
50/ 49		.2	.2	.4	.4	.1	.1											24	24	98	97
48/ 47		.2	.3	.4	.1		.1											19	19	71	90
46/ 45		.2	.2	.2														12	12	61	110
44/ 43	.1		.1	.1	.1													4	4	45	107
42/ 41	.2	.1		.2														8	8	25	81
40/ 39			.1															1	1	10	67
38/ 37			.1	.1														2	2	5	71
36/ 35																				3	51
34/ 33																				1	33
32/ 31																				1	29
30/ 29																					26
28/ 27																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) OCT (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					10
24/ 23																					5
22/ 21																					1
20/ 19																					4
18/ 17																					3
16/ 15																					1
14/ 13																					1
TOTAL	1.8	7.6	10.3	13.0	14.9	14.4	13.5	10.3	6.6	3.1	2.4	1.3	.6	.1	.2				1911		1891
																		1891		1891	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7407676	112944	59.7	18.713	1891							
Dry Bulb	9092632	130362	68.3	9.502	1911			53.4	33.3	11.7	.0	93
Wet Bulb	6763887	111963	59.2	8.443	1891		.0	21.1	4.0			93
Dew Point	5441633	99107	52.4	11.442	1891		4.6	9.6	.3			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
104/103																	.1	2	2		
100/ 99														.1	.1			2	2		
98/ 97													.1		.1		.1	3	3		
96/ 95													.1	.2	.2	.1	.1	11	11		
94/ 93										.1	.1	.2	.2	.2	.2	.2	.2	22	22		
92/ 91								.1	.2	.3	.2	.1	.4	.3	.3	.3	.1	42	42		
90/ 89							.1	.3	.7	.5	.3	.7	.4	.3	.2	.1		67	67		
88/ 87						.1	.4	.8	.6	.5	1.0	.5	.5	.3	.2			92	92		
86/ 85						.3	.5	1.0	1.3	1.4	1.1	.5	.7	.4				135	137		
84/ 83				.1	.3	.3	1.1	1.6	1.7	1.8	1.3	.5	.4	.4				176	177		
82/ 81				.1	.3	.6	1.4	1.2	1.5	1.2	.4	.5	.5	.2				147	150		
80/ 79			.1	.1	.3	1.2	1.5	1.0	.8	.5	.7	.8	.3	.1				137	138		
78/ 77			.2	.1	.6	1.0	.5	.8	.7	1.8	.5	.4	.1					127	132	7	
76/ 75		.2	.1	.5	.3	.7	1.0	.5	1.3	1.1	.7	.4	.2					129	131	42	
74/ 73	.1	.1	.2	.4	.6	.6	.7	.8	1.4	.8	.2	.4	.1					119	119	68	15
72/ 71	.1	.2	.3	.4	.5	.4	.9	1.4	1.1	1.0	.5	.1						127	127	103	28
70/ 69		.4	.2	.3	.4	.6	.8	.8	1.1	.9	.4	.1						114	114	178	40
68/ 67	.1	.3	.3	.5	.3	.5	.6	.5	.7	.7	.4							93	93	194	80
66/ 65	.2	.5	.2	.3	.2	.5	.4	.7	.8	.3	.2							83	86	191	98
64/ 63	.1	.2	.1	.4	.3	.4	.2	.4	.8	.4	.1							61	61	158	120
62/ 61	.1	.6	.1	.4	.3	.4	.2	.3	.1	.1								45	45	142	118
60/ 59		.1	.2	.2	.2	.2	.4	.4	.3									36	39	158	105
58/ 57		.2	.1	.3	.3	.3	.4	.3	.1									37	37	158	135
56/ 55	.1	.6	.2	.1	.2	.3	.1											29	29	131	111
54/ 53	.1	.2	.1	.1	.3	.1	.1	.1										16	16	103	120
52/ 51		.2	.1	.2	.2													12	12	72	76
50/ 49			.2	.1	.1	.1												8	8	66	97
48/ 47			.3	.1	.1	.1												9	9	52	124
46/ 45		.1																1	1	40	92
44/ 43		.3			.1													7	7	22	71
42/ 41		.2																3	3	9	89
40/ 39																				5	87
38/ 37																				2	70
36/ 35																				1	42

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					37
32/ 31																					51
30/ 29																					26
28/ 27																					21
26/ 25																					14
24/ 23																					10
22/ 21																					4
20/ 19																					4
18/ 17																					6
TOTAL	.6	4.2	2.7	4.4	5.6	8.5	11.4	12.8	15.1	13.2	7.9	5.2	3.8	2.3	1.1	.6	.6		1912		1891
																		1892		1892	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4689487	87459	46.2	18.492	1892							
Dry Bulb	11140320	144652	75.7	10.143	1912			75.8	59.6	38.3	1.9	93
Wet Bulb	7285999	116449	61.5	7.912	1892			29.1	5.8			93
Dew Point	5271404	97362	51.5	11.695	1891		6.7	8.0	.7			93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — OCT MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
104/103																	.1	2	2		
102/101																	.1	1	1		
100/ 99														.1		.1	.1	3	3		
98/ 97															.1		.1	3	3		
96/ 95											.1	.1	.1	.2	.1		.2	13	13		
94/ 93											.1	.3	.2	.3	.2	.3	.5	36	36		
92/ 91								.1	.2	.5	.5	.1	.4	.7	.3	.4	.1	62	62		
90/ 89							.1	.5	.4	.2	.7	1.0	.6	.4	.2	.1		77	77		
88/ 87							.3	.5	.6	.9	1.1	.3	.7	.3	.3			93	93		
86/ 85						.2	.6	.7	2.1	1.3	1.2	.9	.5	.6	.1			154	155		
84/ 83						.7	.8	1.3	1.7	1.5	.8	.6	.3	.5	.1			157	160		
82/ 81			.1	.2	.2	.5	1.3	1.3	1.3	1.4	.5	.5	.5	.1				145	148		
80/ 79				.1	.4	.7	1.0	1.0	1.2	.8	1.2	.8	.2	.1				142	143		
78/ 77			.1	.2	.3	.6	1.3	.8	.8	1.3	1.3	.6	.1					142	146	6	
76/ 75			.1	.6	.3	.8	1.0	1.0	.8	1.4	.9	.7	.2					148	151	43	1
74/ 73	.1	.1	.3	.2	.5	.5	1.0	.4	1.7	1.4	.7	.5	.1					140	140	61	5
72/ 71		.3		.4	.4	.4	.6	.6	1.0	1.2	.5	.1						103	103	98	23
70/ 69	.1	.4	.1	.4	.5	.3	.3	.8	.6	.7	1.0	.1						100	100	178	55
68/ 67		.2	.2	.2	.2	.3	.5	.4	.6	.6	.4	.1						69	69	195	67
66/ 65	.2	.2		.2	.5	.5	.1	.7	.6	.4	.2							67	69	194	65
64/ 63		.2	.2	.3	.3	.4	.3	.1	.3	.2								44	43	182	104
62/ 61	.1	.5	.6	.1	.2	.2	.3	.4	.5									51	51	143	120
60/ 59		.3	.1	.2		.3	.2	.5	.1									30	32	147	124
58/ 57	.1	.2	.1		.1	.2	.2	.2	.1									19	20	171	119
56/ 55		.2	.1	.3	.4	.4	.1	.1	.1									28	28	112	140
54/ 53		.5	.2	.1	.1	.1	.2	.1										22	22	95	110
52/ 51		.3	.1	.1	.1		.1											12	12	77	104
50/ 49			.3			.1	.1											8	8	69	80
48/ 47			.1	.1														2	2	46	101
46/ 45		.2	.2															7	7	39	106
44/ 43		.3																6	6	13	77
42/ 41																				13	81
40/ 39	.1	.1																3	3	7	94
38/ 37																					79

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) OCT (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					57
34/ 33																					33
32/ 31																					40
30/ 29																					34
28/ 27																					24
26/ 25																					22
24/ 23																					9
22/ 21																					2
20/ 19																					4
18/ 17																					6
16/ 15																					2
TOTAL	.5	3.9	2.6	3.3	4.4	7.3	10.0	11.4	14.7	14.1	10.9	6.6	3.8	3.3	1.2	.8	1.1		1910		1888
																		1889		1889	

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.	4303744	83174	44.0	18.433	1889							
Dry Bulb	11405235	146307	76.6	10.185	1910			78.1	64.9	40.7	2.8	93
Wet Bulb	7283433	116381	61.6	7.743	1889			28.6	5.4			93
Dew Point	5139879	96019	50.9	11.661	1888		7.0	7.4	.3			93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93													.1	.1				2	2		
92/ 91											.1							1	1		
90/ 89									.1		.1				.1			3	3		
88/ 87							.1	.2	.2	.1	.1	.2	.1	.1	.1			17	17		
86/ 85						.1	.3	.4	.1	.1	.2	.1	.1	.3				28	28		
84/ 83					.1	.3	.5	.3	.2	.4	.2	.1		.1				39	39		
82/ 81				.2	.3	.5	.5	.7	.6	.2	.5	.2						68	68		
80/ 79			.1	.4	.6	.7	.7	.6	.2	.3	.6	.3	.1					85	85		
78/ 77		.1	.2	.2	1.4	1.0	1.1	1.5	.8	.3	.4	.1						131	133		
76/ 75		.1	.2	1.3	.7	1.8	1.2	1.0	.4	.3	.4	.1						141	143	13	1
74/ 73	.1	.2	.7	1.1	1.0	1.5	2.0	.7	.6	.5	.1							154	158	40	8
72/ 71	.1	.5	.3	.9	1.2	1.6	1.3	.8	.7	.3	.2							145	147	58	26
70/ 69	.1	.4	.8	1.1	.7	1.8	.7	.9	.7	.3	.1							139	140	118	38
68/ 67	.2	.6	.9	1.5	1.2	1.0	1.3	.9	.7	.3								157	157	109	79
66/ 65	.2	1.0	.5	.8	.8	1.4	.9	.7	.4	.1								124	124	159	84
64/ 63		.6	.3	.8	1.1	1.3	1.0	.8	.4	.2								118	118	182	98
62/ 61	.1	.7	.5	.5	.9	1.0	1.0	.5	.1	.1								98	99	183	114
60/ 59	.1	.6	.4	.9	1.0	1.2	.6	.2	.2									95	97	150	119
58/ 57		.7	.3	1.0	.7	.9	.4	.3	.1									80	82	114	116
56/ 55		.3	.5	.2	.8	.7	.5	.1										57	57	170	153
54/ 53		.3	.3	.3	.4	.3	.2	.1										36	36	114	98
52/ 51	.2	.8	.3	.4	.3	.2		.1										42	42	114	94
50/ 49		.3	.2	.2	.3	.1	.1											23	23	100	120
48/ 47		.1	.3	.1	.2	.1	.1											16	16	72	104
46/ 45		.1	.2			.1												6	6	47	86
44/ 43		.4	.2	.1														12	12	31	93
42/ 41		.1	.2	.1														6	6	26	79
40/ 39	.1		.1															2	2	14	82
38/ 37	.1																	2	2	11	61
36/ 35																				2	42
34/ 33																					46
32/ 31																					26
30/ 29																					13
28/ 27																					18

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

1500-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					10
24/ 23																					3
20/ 19																					5
18/ 17																					4
16/ 15																					1
TOTAL	1.0	7.9	7.5	12.0	13.7	17.8	14.6	10.8	6.3	3.4	3.0	1.0	.3	.5	.1				1843		1827
																		1827		1827	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	6813922	106490	58.3	18.231	1827							
Dry Bulb	8792547	126129	68.4	9.339	1843			56.6	34.2	10.2	.1	93
Wet Bulb	6463848	107664	58.9	8.082	1827			17.2	2.7			93
Dew Point	5130921	94737	51.9	10.937	1827		4.1	7.7	.5			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | OCT MONTH

PAGE 1 | 2100-0300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1										1	1		
84/ 83							.1	.1										3	3		
82/ 81					.1	.2	.2	.1			.1							10	10		
80/ 79			.1	.4	.9	.3	.1	.1	.2	.1		.1						39	39		
78/ 77			.2	.6	.7	.4	.2	.2		.2								43	43		
76/ 75		.5	.4	.7	1.1	.8	.7	.4	.1	.3	.1							94	94	3	2
74/ 73		.2	1.0	1.0	.8	1.0	.4	.3	.2	.2								94	94	26	6
72/ 71	.1	.9	1.3	1.3	1.3	.9	.6	.4	.4	.2	.1							135	136	48	20
70/ 69	.4	.8	1.1	1.8	1.1	1.5	.7	.7	.2	.1								150	152	86	45
68/ 67	.3	1.2	1.8	1.2	1.5	1.0	.8	.2	.3	.1								153	153	97	81
66/ 65	.3	1.0	1.7	1.8	1.9	.7	.3	.5	.2	.1								152	154	120	80
64/ 63	.6	1.3	1.3	1.2	.7	1.3	.2	.6										128	128	152	103
62/ 61	.2	1.3	1.3	1.0	1.5	.6	.6	.7										128	128	132	104
60/ 59	.2	.6	.8	1.5	1.3	.8	.4	.4										108	108	161	120
58/ 57	.2	1.4	.9	1.4	1.2	1.2	.7	.1										129	129	144	98
56/ 55		1.0	1.8	1.8	1.3	.9	.4	.1										132	132	113	143
54/ 53	.2	.6	1.4	1.0	1.0	.4	.1	.1										86	86	145	116
52/ 51	.2	.9	.8	1.2	.6	.3	.2	.1										79	79	122	89
50/ 49	.2	.5	.4	.8	.2	.3	.1	.1										45	45	127	122
48/ 47		.6	.7	.5	.3	.1	.1											40	40	107	113
46/ 45		.3	.3	.3	.1	.2												23	23	95	93
44/ 43		.3	.2	.1	.2	.1												14	14	40	85
42/ 41		.4	.3	.1		.1												14	14	36	71
40/ 39	.1	.2	.1															7	7	26	87
38/ 37	.1	.3																7	7	23	65
36/ 35																				9	49
34/ 33																				2	39
32/ 31																					39
30/ 29																					11
28/ 27																					9
26/ 25																					10
24/ 23																					4
22/ 21																					1
20/ 19																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL HELLS (STATION NAME) 49-70 (YEARS) OCT (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					2
16/ 15																					3
TOTAL	2.9	14.3	17.9	19.7	17.7	12.8	6.7	5.0	1.6	1.1	.2	.1						1814	1821	1814	1813

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8978851	123829	68.3	17.031	1814							
Dry Bulb	7430377	115175	63.2	8.949	1821			37.1	14.5	1.4		93
Wet Bulb	5992125	103087	56.8	8.592	1814			13.3	1.5			93
Dew Point	5070181	93801	51.7	10.946	1813		4.2	7.9	.4			93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-69 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75				.1														2	2		
74/ 73			.2	.1														6	6		
72/ 71		.4	.2	.2	.1													14	14		
70/ 69		.5	.5	.6	.2	.1	.1	.1		.1								35	35	12	1
68/ 67		.1	.9	.7	.2	.1	.1		.2									38	38	20	16
66/ 65		1.1	1.2	.3	.2			.1	.1									49	49	9	17
64/ 63	.2	1.1	.8	.3	.1	.1	.1	.2										47	47	33	19
62/ 61	.3	1.4	.7	.5		.1	.2	.1										54	54	38	30
60/ 59	.7	1.3	.5	.2	.3	.2	.1	.1										58	58	60	66
58/ 57	.5	1.3	.7	.5	.5	.4	.1	.1	.1									71	71	54	52
56/ 55	.5	1.9	1.5	1.1	.8	.4	.1											105	105	57	60
54/ 53	.7	1.7	1.7	1.1	.5	.6	.2											107	107	66	46
52/ 51	.2	1.4	1.6	1.2	.8	.4	.2	.1										98	98	81	64
50/ 49	.8	2.7	1.8	1.8	.6	.2	.1	.1										134	134	111	54
48/ 47	.8	1.6	1.8	1.8	1.1	.1												119	119	116	87
46/ 45	.1	1.9	2.1	1.3	.5	.4												107	107	103	77
44/ 43	.1	3.1	2.7	1.1	.5	.2												130	130	125	82
42/ 41	.2	2.4	2.7	1.7	.4													124	124	134	75
40/ 39	.1	2.6	2.1	1.5	.6	.2												119	119	145	120
38/ 37	.3	1.4	1.4	1.2	.1													75	75	111	116
36/ 35	.1	.9	1.1	.8	.2													51	51	108	131
34/ 33	.2	1.0	1.0	.6														48	48	74	100
32/ 31	.2	.5	.6	.4														28	28	60	92
30/ 29		.8	.7	.2														30	30	42	64
28/ 27		.4	.3	.2														16	16	32	60
26/ 25		.2	.1	.2														9	9	24	44
24/ 23	.1	.2	.2															8	8	11	43
22/ 21		.1	.1															2	2	9	49
20/ 19		.1																1	1	1	20
18/ 17		.1																1	1	1	23
16/ 15																		1	1	1	16
14/ 13																				1	3
12/ 11																					6
10/ 9																					9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					7
6/ 5																					4
4/ 3																					2
2/ 1																					1
-2/ -3																					1
TOTAL	5.9	32.1	29.2	19.7	7.5	3.2	1.2	.8	.3	.1								1687		1687	1686
																	1687		1687		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9850916	125948	74.7	16.443	1687							
Dry Bulb	4152093	81811	48.5	10.465	1687		3.1	5.1	.4			90
Wet Bulb	3564083	75527	44.8	10.410	1687		10.0	1.7				90
Dew Point	3002870	67814	40.2	12.781	1686	.1	24.2	.9				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PAGE 1 | 0300-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75				.2														3	3		
74/ 73			.1															2	2		
72/ 71		.3	.2															8	8		
70/ 69	.1	.5	.2	.1					.1									18	18	14	2
68/ 67	.1	.6	.3	.2					.1	.1								24	24	14	19
66/ 65		1.1	1.1	.2				.1			.1							45	45	14	15
64/ 63	.3	1.1	.9	.3	.1			.1		.1								47	47	35	20
62/ 61	.4	2.0	.8	.2	.1	.1		.1										63	63	50	43
60/ 59	.6	1.8	.2	.2		.1	.2		.1									54	54	75	63
58/ 57	1.0	1.4	.7	.5	.4	.1		.2										76	76	58	65
56/ 55	.6	1.6	.4	.5	.3	.5	.1											69	69	50	51
54/ 53	1.2	1.9	1.1	1.1	.5	.3	.1											109	109	69	56
52/ 51	.3	2.2	1.4	.6	.6	.2	.3	.1										101	101	77	60
50/ 49	.2	1.8	1.7	1.3	.7	.3	.1											108	108	70	46
48/ 47	1.3	2.2	1.6	.8	.3	.1	.1											111	111	120	70
46/ 45	1.3	2.4	2.4	1.0	.2	.4												135	135	128	98
44/ 43	.2	2.0	2.3	1.0	.2	.1												103	103	121	82
42/ 41	.2	3.5	2.1	.7	.2	.1												120	120	102	79
40/ 39	.1	3.5	3.0	1.1	.2	.1	.1											139	139	152	115
38/ 37	.5	2.3	2.7	.7	.3													116	116	120	115
36/ 35	.2	2.2	1.1	1.1	.2													83	83	117	127
34/ 33	.4	1.9	1.0	.3														65	65	103	98
32/ 31	.3	1.4	1.3	.2														55	55	82	119
30/ 29		.7	1.0	.1														31	31	51	82
28/ 27	.1	1.3	.4	.2														35	35	53	68
26/ 25		.5	.3	.1														14	14	33	43
24/ 23		.1	.2	.1														7	7	16	51
22/ 21	.1	.5	.3															14	14	9	55
20/ 19																				11	34
18/ 17																				5	21
16/ 15		.1																2	2		18
14/ 13		.1																2	2	4	11
12/ 11																					9
10/ 9																					6

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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					2
6/ 5																					4
4/ 3																					7
2/ 1																					2
0/ -1																					1
TOTAL	9.4	40.8	28.9	12.6	4.3	2.3	.9	.4	.3	.1	.1								1759		1757
																		1759		1759	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11198622	137470	78.2	15.984	1758							
Dry Bulb	4001451	81745	46.5	10.734	1759		8.2	2.8	.3			90
Wet Bulb	3526117	76435	43.5	10.791	1759		13.3	1.4				90
Dew Point	3042365	69461	39.5	12.990	1757	.1	27.3	1.1				90

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.1														2	2		
74/ 73			.2	.1														4	4		
72/ 71		.2	.3		.1				.1									12	12		
70/ 69	.1	.3	.2	.2	.1	.1												15	15	13	5
68/ 67		.4	.7	.1					.1									24	24	11	10
66/ 65	.1	.6	1.2	.2	.1				.1									37	37	17	18
64/ 63	.5	1.8	.3	.1				.1										51	51	44	26
62/ 61	.7	1.9	.3	.2		.1	.2			.1								59	59	67	59
60/ 59	.6	1.5	.6	.1	.2		.1	.1										56	56	53	65
58/ 57	.4	1.5	.5	.3	.2	.2	.1											58	58	45	39
56/ 55	.8	1.7	.7	.8	.6	.3	.1	.1										91	91	54	47
54/ 53	1.1	1.9	.9	.5	.4	.4	.1											95	95	74	72
52/ 51	.6	2.2	1.7	1.1	.6	.4												119	119	67	54
50/ 49	.3	2.4	1.3	1.2	1.1	.2	.1											118	118	92	46
48/ 47	.7	2.0	1.6	.9	.8	.2												113	113	102	69
46/ 45	.8	2.5	2.4	.8	.4	.1												126	126	123	91
44/ 43	.7	2.6	1.7	.9	.2	.1												114	114	126	90
42/ 41	.3	3.1	1.3	1.4	.6													124	124	143	86
40/ 39	.6	3.0	2.2	.9	.2	.2												129	129	127	114
38/ 37	.2	2.4	2.2	1.3	.2													114	114	113	125
36/ 35	.7	2.5	1.9	.7	.3	.1												113	113	131	115
34/ 33	.2	1.6	1.4	.2														61	61	104	110
32/ 31	.3	1.0	1.0	.1														44	44	93	101
30/ 29	.2	1.2	1.2	.2	.1													52	52	63	88
28/ 27		.6	.9	.1														32	32	54	70
26/ 25	.1	.9	.2	.1														22	22	37	68
24/ 23		.1	.3															8	8	23	62
22/ 21	.1	.1	.3															8	8	13	47
20/ 19		.1	.2															6	6	8	37
18/ 17			.2															3	3	5	24
16/ 15		.1																2	2	4	22
14/ 13																				4	10
12/ 11																					7
10/ 9																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					8
6/ 5																					4
4/ 3																					6
2/ 1																					6
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
TOTAL	10.0	40.6	27.9	12.4	6.0	2.3	.5	.2	.2	.1								1812		1812	1809
																		1812		1812	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11477814	141186	77.9	16.229	1812							
Dry Bulb	4067560	83588	46.1	10.810	1812		8.8	2.8	.3			90
Wet Bulb	3585497	78129	43.1	10.940	1812		15.1	1.2				90
Dew Point	3086325	70749	39.1	13.291	1809	.1	28.3	.7				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81								.2		.1								4	4		
80/ 79						.1	.1	.1	.1	.2	.1							11	11		
78/ 77					.2	.1	.2	.1		.1	.1							12	12		
76/ 75			.1	.3	.2	.5	.4	.1	.1	.2	.1							34	34		
74/ 73		.1	.2	.1	.8	.4	.2		.3		.1							40	40		
72/ 71		.1	.2	.5	.7	.2	.1	.1	.3	.1	.1							45	45	2	
70/ 69		.2	.6	.6	.6	.7	.4	.2	.3	.2		.1						73	73	20	5
68/ 67	.1	.3	.4	.3	.3	.5	.4	.7	.3	.1								64	64	26	16
66/ 65	.1	.6	.7	.7	.7	.6	.8	.7	.4	.2	.1							98	98	59	18
64/ 63	.1	.4	1.0	.7	.6	.6	.8	.9	.6	.1								103	103	68	34
62/ 61	.2	.4	.7	.8	.7	.7	.5	.6	.2									86	86	50	60
60/ 59	.2	1.0	.6	.7	.8	1.2	1.0	1.3	.2									130	130	76	60
58/ 57	.2	1.2	.9	.9	.8	1.0	1.0	.3	.3									124	124	93	52
56/ 55	.3	1.7	.7	.9	1.3	1.0	1.5	.4	.1									144	144	91	75
54/ 53	.1	1.3	.7	.9	.7	.9	1.0	.1										106	106	123	75
52/ 51	.3	1.1	.6	1.2	1.5	1.4	.6	.1										121	121	119	76
50/ 49	.3	.6	.7	1.6	1.5	1.3	.6											123	123	133	68
48/ 47	.2	.7	1.0	1.2	1.5	.9	.2											104	104	136	79
46/ 45	.1	.7	.9	1.3	1.2	.8	.3											95	95	127	77
44/ 43		1.1	.8	.7	1.0	.4	.1											73	73	147	74
42/ 41	.1	1.2	.6	.8	.6	.3	.1											65	65	138	101
40/ 39		.4	.5	.8	.3	.3	.1											45	45	113	112
38/ 37		.3	.3	.8	.2	.1												30	30	83	100
36/ 35	.1	.4	.4	.4	.2	.1												28	28	63	96
34/ 33	.1	.3	.5	.3	.2													28	28	44	89
32/ 31	.1	.1	.3	.2	.1													14	14	39	102
30/ 29			.1	.3	.1													8	8	26	87
28/ 27			.1															2	2	16	71
26/ 25			.1	.1														4	4	11	66
24/ 23																				7	68
22/ 21			.1															1	1	3	30
20/ 19																				1	35
18/ 17																				1	16
16/ 15																					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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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
14/ 13																					7
12/ 11																					14
10/ 9																					8
8/ 7																					9
6/ 5																					8
4/ 3																					6
2/ 1																					1
TOTAL	2.6	14.2	13.8	17.1	16.8	14.1	10.4	6.0	3.3	1.2	.5	.1						1815		1811	
																	1815		1815		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7404790	109910	60.6	20.320	1815							
Dry Bulb	5737061	100161	55.2	10.750	1815		1.4	14.0	5.0	.3		90
Wet Bulb	4385385	87385	48.1	9.910	1815		5.2	2.4				90
Dew Point	3274778	73050	40.3	13.465	1811		27.0	1.0				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — NOV MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1	.1					2	2		
88/ 87												.1	.1	.1				5	5		
86/ 85									.2	.3	.1	.1	.2	.1				18	18		
84/ 83								.1	.3	.2	.3	.2	.4					26	26		
82/ 81							.2	.5	.6	.3	.2	.4	.2					42	42		
80/ 79						.1	.4	.8	.2	.4	.6	.3	.3					56	56		
78/ 77				.1	.3	.1	.9	.9	.4	.7	.7	.2						76	76		
76/ 75				.3	.1	1.1	.6	.9	.6	1.2	.7	.4	.1					106	106		
74/ 73			.2	.2	.1	.3	.5	.8	.2	.9	.8	.1	.1					72	72		
72/ 71			.2	.2	.4	.7	1.1	1.0	1.3	.9	.8	.2						123	123	2	
70/ 69		.1	.3	.2	.6	.9	1.1	.9	1.3	1.3	.8	.1						134	134	32	1
68/ 67		.1	.2	.3	.3	.4	.6	1.0	1.2	1.6	.7	.1						117	117	51	11
66/ 65			.2	.6	.6	.4	.5	.7	1.5	.9	.2							100	100	74	17
64/ 63		.2	.3	.3	.2	.4	.6	1.2	1.8	.6	.1							108	108	67	14
62/ 61	.1	.6	.4	.4		.6	.6	.7	2.1	.2								102	102	99	55
60/ 59	.2	.6	.6	.3	.2	.6	.9	2.0	.8	.1								110	110	137	61
58/ 57	.2	.7	.4	.2	.5	.5	1.2	1.6	.4	.1								102	102	128	72
56/ 55	.1	.4	.3	.2	.7	.8	.9	1.3	.2									86	86	129	77
54/ 53	.1	.7	.3	.3	.6	.7	1.2	.6	.1									81	81	128	78
52/ 51	.1	.3	.2	.6	.7	.9	.6	.3										66	66	112	76
50/ 49	.1	.4	.3	.2	.7	.6	.7	.2										56	56	147	61
48/ 47	.1	.7	.3	.4	.3	.4	.5											48	48	141	79
46/ 45	.1	.6	.3	.7	.3	.3	.5											49	49	150	75
44/ 43		.4	.4	.3	.2	.3	.3	.1										37	37	109	91
42/ 41	.1	.4	.4	.1	.5	.3												31	31	93	87
40/ 39		.4	.4	.1	.2	.2	.2											26	26	58	95
38/ 37		.3	.1	.3	.1	.2												16	16	58	94
36/ 35		.4	.1	.1	.1													13	13	32	85
34/ 33	.1	.1		.1														4	4	30	113
32/ 31			.1	.1														3	3	21	97
30/ 29			.1															1	1	7	91
28/ 27			.1															1	1	9	82
26/ 25																				2	77
24/ 23																				1	58

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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					37
20/ 19																					40
18/ 17																					25
16/ 15																					16
14/ 13																					14
12/ 11																					11
10/ 9																					10
8/ 7																					7
6/ 5																					1
4/ 3																					4
2/ 1																					2
TOTAL	1.0	7.3	5.8	6.1	7.6	10.5	13.9	15.5	12.9	9.9	5.8	2.3	1.4	.2					1817		1814
																		1817		1817	

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.	4700729	84323	46.4	20.823	1817							
Dry Bulb	7466314	114538	63.0	11.643	1817		.2	38.5	20.0	6.2		90
Wet Bulb	4965480	93488	51.5	9.249	1817		2.0	4.2				90
Dew Point	3194359	72209	39.8	13.289	1814		28.4	.6				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS) NOV (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1						1	1		
88/ 87											.1	.2	.1	.2				11	11		
86/ 85									.1	.1	.1	.3	.3	.1				17	17		
84/ 83								.2	.4	.1	.4	.2	.6					33	33		
82/ 81						.1	.1	.3	.3	.2	.1	.4	.4					33	33		
80/ 79						.1	.4	.8	.6	.6	.5	.8	.2					70	70		
78/ 77				.1	.2	.1	.8	1.0	.9	1.0	.9	.4	.2					103	103		
76/ 75				.1	.1	.7	.5	.9	1.0	.7	.6	4	.2					93	93		
74/ 73			.2	.3	.1	.9	.6	.7	.8	1.0	1.3	.2						108	108		
72/ 71		.2	.3	.1	.4	.4	.5	1.0	1.2	1.1	.9	.2	.1					113	113	4	
70/ 69		.1	.1	.2	.5	.4	.6	1.0	1.3	.9	.6	.1	.1					103	103	24	2
68/ 67		.1		.3	.4	.4	.3	.9	1.0	1.6	.6	.1						104	104	45	14
66/ 65		.2	.4	.3	.7	.4	.8	1.3	1.3	1.4	.3	.1						129	129	64	11
64/ 63		.1	.4	.3	.3	.3	.6	1.0	2.0	.8	.1							108	108	101	12
62/ 61	.2	.2	.1	.4	.2	.7	.7	1.3	1.6	.4								105	105	95	32
60/ 59		.4	.1	.2	.2	.7	.8	1.3	1.2	.1								91	91	123	68
58/ 57	.3	.8	.4	.2	.2	.8	1.0	.9	.6									92	92	141	71
56/ 55	.3	.6	.3	.6	.3	.9	1.0	1.2	.1									96	96	127	70
54/ 53		.4	.5	.2	.5	.7	.8	.5	.2									68	68	140	75
52/ 51	.1	.2	.1	.3	.6	.3	1.4	.2	.1									58	58	118	76
50/ 49	.1	.5	.5	.1	.6	.6	.6	.1										55	55	136	71
48/ 47	.2	.4	.3	.2	.7	.8	.4											53	53	153	55
46/ 45	.2	.4	.6	.2	.2	.3	.3	.2										45	45	146	92
44/ 43		.5	.6	.3	.6	.4	.1											43	43	97	104
42/ 41		.1	.4		.4	.2												19	19	87	90
40/ 39	.1	.5	.3	.2	.2	.2	.1											28	28	68	115
38/ 37		.1	.1	.1	.1	.1	.1											9	9	55	98
36/ 35		.3	.1	.1														7	7	19	93
34/ 33		.6	.1															12	12	34	89
32/ 31		.2																3	3	19	96
30/ 29		.1																1	1	11	93
28/ 27																				3	74
26/ 25																				1	79
24/ 23																					67

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					45
20/ 19																					35
18/ 17																					26
16/ 15																					20
14/ 13																					5
12/ 11																					9
10/ 9																					11
8/ 7																					5
2/ 1																					3
0/ -1																					2
-2/ -3																					2
TOTAL	1.3	6.9	5.7	4.6	7.3	10.4	12.3	14.9	14.5	10.0	6.5	3.3	2.0	.3				1811	1811		1810
																		1811		1811	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4487974	81814	45.2	20.917	1811							
Dry Bulb	7594990	115346	63.7	11.714	1811		.2	39.2	23.3	6.7		90
Wet Bulb	4979951	93549	51.7	9.029	1811		1.7	3.6				90
Dew Point	3143187	71675	39.6	12.982	1810	.2	28.4	.8				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — NOV MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.1		.1	.1	.1							4	4		
78/ 77						.2	.2	.1		.1		.1						12	12		
76/ 75				.2	.2	.2	.2	.1	.1	.1		.1						23	23		
74/ 73			.2	.3	.2	.6	.3	.3	.2	.3	.1							44	44		
72/ 71		.1	.2	.3	.9	.5	.7	.5	.4	.1	.1		.1					67	67	1	
70/ 69		.3	.1	.9	.9	.6	.6	.6	.3	.1								80	80	15	4
68/ 67	.1	.2	.3	.5	.5	.3	.7	.5	.1	.1	.1							59	59	23	10
66/ 65		.2	.5	.8	.7	.6	1.3	.6	.5	.1								94	94	29	15
64/ 63		.4	.6	1.0	.8	.9	1.0	.9	.4	.1								104	104	57	19
62/ 61	.3	.6	.7	1.0	.3	1.1	.8	.8	.2	.1								102	102	65	35
60/ 59	.1	.5	.8	.5	.7	1.4	1.1	1.1	.2									114	114	83	59
58/ 57	.2	1.2	.8	.7	1.5	1.2	1.2	.5	.1									129	129	95	67
56/ 55	.2	1.0	.6	.8	2.1	1.4	1.1	.6	.1									134	134	128	51
54/ 53	.2	1.1	.9	.8	1.5	1.4	1.0	.2										125	125	93	84
52/ 51	.2	.3	.5	1.4	1.7	1.5	.8	.1										114	114	124	80
50/ 49	.2	.6	.6	1.1	1.4	1.8	.2	.1										104	104	125	58
48/ 47	.1	.9	.6	1.0	1.1	1.0	.1											84	84	147	65
46/ 45	.1	1.3	.9	1.2	1.4	1.4												109	109	134	102
44/ 43	.1	.7	1.0	.6	.9	.5		.1										67	67	137	84
42/ 41		.2	.7	1.1	.7	.2	.1											51	51	129	127
40/ 39	.1	.4	.5	.6	.6	.2												40	40	100	83
38/ 37		.2	.1	.6	.2													20	20	79	115
36/ 35	.1	.1	.2	.5	.1													16	16	61	96
34/ 33		.6	.5	.3	.2	.1												30	30	35	84
32/ 31		.1	.3	.2	.2													13	13	34	87
30/ 29			.2	.1														6	6	27	86
28/ 27			.1															1	1	11	73
26/ 25																				10	68
24/ 23																				4	55
22/ 21																					46
20/ 19																					30
18/ 17																					21
16/ 15																					11
14/ 13																					8

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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					7
10/ 9																					2
8/ 7																					4
6/ 5																					2
4/ 3																					2
2/ 1																					1
0/ -1																					1
-2/ -3																					1
TOTAL	1.8	11.1	12.0	16.4	19.0	17.1	11.4	7.0	2.7	1.0	.3	.2	.1					1746	1746		1743

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6627885	102329	58.6	19.010	1746							
Dry Bulb	5624910	97442	55.8	10.346	1746		1.0	14.9	4.3	.2		90
Wet Bulb	4232868	84388	48.3	9.400	1746		4.4	2.0				90
Dew Point	3096236	70120	40.2	12.617	1743	.1	26.1	.7				90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1	.2	.1	.1												7	7		
74/ 73			.3	.2	.1		.1	.1	.1									12	12		
72/ 71			.4	.2	.2	.1	.2											19	19	2	
70/ 69		.2	.5	.5	.7	.2	.2	.1		.2								45	45	10	2
68/ 67	.1	.4	.4	.9	.4	.4	.1	.2										45	45	22	13
66/ 65		.5	1.0	.6	.5	.2	.2	.1	.1	.1								56	56	13	17
64/ 63		.6	1.0	.2	.5	.5	.3	.2										61	61	38	16
62/ 61	.2	1.2	.9	.4	.6	.5	.1	.1	.1									68	68	65	34
60/ 59	.6	1.2	1.5	1.0	1.0	.5	.4	.2										108	108	76	71
58/ 57	.1	1.7	1.1	.6	1.0	.8	.4	.1										100	100	64	61
56/ 55	.2	1.4	.9	1.5	1.2	.5	.4	.1										106	106	83	46
54/ 53	.6	1.5	.8	1.9	1.2	1.2	.2											126	126	95	79
52/ 51	.3	1.3	1.4	1.9	1.5	1.1	.3											134	134	92	72
50/ 49	.1	1.4	1.6	1.9	1.5	.8	.2	.1										130	130	106	66
48/ 47	.4	.9	1.9	2.3	1.1	.5	.1											121	121	126	67
46/ 45	.2	1.0	1.5	1.6	1.4	.6												109	109	124	70
44/ 43	.1	1.6	2.3	2.1	1.1	.2												127	127	147	94
42/ 41	.1	1.1	1.7	1.5	.8	.1												90	90	126	119
40/ 39		1.1	1.2	1.2	.4	.1												68	68	128	98
38/ 37	.2	.3	.8	1.5	.3													52	52	116	101
36/ 35	.1	.4	.6	.4														26	26	83	119
34/ 33		.7	.6	.4	.2													32	32	49	101
32/ 31	.2	.5	.3	.5	.2													28	28	54	85
30/ 29		.2	.8	.2														19	19	29	71
28/ 27		.1	.4	.1														9	9	29	59
26/ 25		.1	.1	.1														4	4	20	66
24/ 23			.1															2	2	9	53
22/ 21																				3	35
20/ 19																				2	21
18/ 17																					20
16/ 15																					14
14/ 13																					13
12/ 11																					11
10/ 9																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | NOV MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					2
4/ 3																					1
2/ 1																					1
TOTAL	3.5	19.3	24.1	23.9	16.0	8.3	3.2	1.2	.2	.2								1704	1704		1703
																		1704		1704	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8480927	116523	68.4	17.353	1704							
Dry Bulb	4641316	87266	51.2	10.056	1704		3.3	6.8	1.0			90
Wet Bulb	3801383	78721	46.2	9.832	1704		7.3	1.8				90
Dew Point	3044225	68789	40.4	12.300	1703		24.2	.8				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71												.1						1	1		
70/ 69				.1					.1		.1							3	3		
68/ 67		.1	.2	.1				.1	.1	.1								9	9		
66/ 65		.2	.2	.3			.1											13	13	1	
64/ 63		.4	.4	.2			.1											19	19	10	4
62/ 61		.7	.6	.1		.2	.1											29	29	12	10
60/ 59	.2	1.1	.1	.3	.1	.2	.1	.1										34	34	42	21
58/ 57	.2	1.1	.4	.1	.2	.3	.1	.1										41	41	26	31
56/ 55	.6	1.2	.5	.2	.3	.1	.2	.2										54	54	34	39
54/ 53	.3	.6	.4	.2	.8	.1	.2											44	44	34	32
52/ 51	.1	1.0	.5	.6	1.3	.5		.1										68	68	38	12
50/ 49	.5	1.6	.2	1.8	.7	.4	.2											93	93	43	43
48/ 47	.5	1.4	1.5	.8	.4	.5	.1											88	88	61	37
46/ 45	.2	2.2	1.5	1.5	.9	.1												107	107	78	46
44/ 43	.8	2.8	1.9	1.9	.5	.1												136	136	128	45
42/ 41	.8	2.1	3.1	2.2	.2													143	143	125	74
40/ 39	.5	1.9	4.1	1.6	.4													145	145	141	100
38/ 37	.8	2.9	4.1	1.4	.1													157	157	156	113
36/ 35	.5	2.4	3.5	1.2	.1													130	130	175	106
34/ 33	.5	2.3	3.0	.5	.1													108	108	141	99
32/ 31	.1	2.4	2.2	.2														82	82	121	166
30/ 29	.2	2.6	1.3	.2														73	73	120	143
28/ 27	.1	1.4	.6															35	35	78	125
26/ 25		1.0	.2	.1														22	22	48	118
24/ 23		.9	.6															26	26	25	102
22/ 21		.3	.3															10	10	20	57
20/ 19	.1	.6	.2															15	15	12	59
18/ 17		.3	.1															6	6	16	43
16/ 15		.2	.1															5	5	7	13
14/ 13		.1																1	1	4	8
12/ 11		.2																3	3	3	16
10/ 9																				1	13
8/ 7																					7
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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69 YEARS | DEC MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3																					3
2/ 1																					5
0/ -1																					3
TOTAL	6.9	35.8	31.6	15.5	5.9	2.4	1.0	.4	.1	.1	.1	.1							1700		1697
																		1700		1700	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9739946	125844	74.0	15.801	1700							
Dry Bulb	3129942	70934	41.7	10.007	1700		15.2	.7				93
Wet Bulb	2657228	65234	38.4	9.520	1700		24.9					93
Dew Point	2118737	56813	33.5	11.304	1697	.2	48.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69										.1								2	2		
68/ 67		.1	.2							.1								6	6		
66/ 65		.1	.1		.2													6	6	2	
64/ 63	.1	.3	.3	.1		.1	.1	.1										16	16	7	3
62/ 61	.1	1.2	.7				.1											36	36	14	16
60/ 59	.1	1.3	.1	.1	.2	.1	.1											33	33	27	10
58/ 57	.5	.8	.2	.1	.2	.3												35	35	48	39
56/ 55	1.0	.9	.5	.3	.2	.1		.1										92	52	32	47
54/ 53	.3	.7	.3	.1	.3		.2	.1										36	36	23	23
52/ 51	.4	1.0	.3	.7	.5	.2		.1										54	54	40	24
50/ 49	.4	.9	.6	1.0	.9	.2	.3											75	75	39	28
48/ 47	.9	1.3	.8	.9	.6	.1												79	79	57	42
46/ 45	.3	1.5	1.0	1.1	.5	.4												85	85	65	42
44/ 43	.9	2.3	2.5	1.2	.4	.1												128	128	88	40
42/ 41	.9	3.0	1.7	1.3	.5													129	129	107	63
40/ 39	1.0	1.5	2.4	1.6	.3													119	119	155	108
38/ 37	1.2	2.5	3.6	1.0	.2													147	147	118	99
36/ 35	.2	4.4	3.0	.8														147	147	139	90
34/ 33	.7	3.7	3.3	.5														143	143	196	106
32/ 31	.5	2.9	1.4	.2														94	94	123	133
30/ 29	.2	4.5	1.5	.2														112	112	133	156
28/ 27	.5	3.2	1.0															80	80	124	128
26/ 25	.3	1.6	.3															38	38	80	121
24/ 23	.2	.7	.2															20	20	42	129
22/ 21	.2	.9	.2															23	23	22	90
20/ 19		.9	.2															19	19	17	75
18/ 17	.1	.3	.2															10	10	16	41
16/ 15	.2	.2																6	6	14	25
14/ 13		.3																3	3	3	11
12/ 11		.2																3	3	4	10
10/ 9		.1																1	1	4	12
8/ 7																					8
6/ 5																					8
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 DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-69 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					4
0/ -1																					2
-2/ -3																					1
-4/ -5																					1
TOTAL	11.0	43.2	27.0	11.0	4.9	1.5	.7	.3		.2								1739	1739		1738
																		1739		1739	

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.	10686944	133668	76.9	15.407	1739							
Dry Bulb	2953522	69368	39.9	10.357	1739		22.0	.4				93
Wet Bulb	2560136	64448	37.1	9.938	1739		31.1					93
Dew Point	2093106	56878	32.7	11.549	1738	.2	51.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67			.1															1	1		
66/ 65		.2	.2		.1			.1	.1									11	11		
64/ 63	.1	.2	.3					.1										12	12	7	2
62/ 61	.2	.9	.5	.1														33	33	17	16
60/ 59	.2	1.2	.2	.1		.2												35	35	28	15
58/ 57	.5	.8	.4	.2		.2												39	39	46	45
56/ 55	.8	1.0	.3	.3	.6	.1												55	55	36	36
54/ 53	.2	.8	.5	.3	.2	.1	.1											41	41	25	27
52/ 51	.7	1.4	.5	.6	.1	.2	.1	.1										64	64	50	36
50/ 49	.5	1.0	.7	.7	.5	.1	.3											71	71	47	43
48/ 47	.5	1.2	.6	.9	.7	.2												74	74	67	35
46/ 45	.9	1.1	.9	1.1	.5	.1												85	85	66	52
44/ 43	.6	2.2	1.4	1.2	.3	.1												107	107	65	32
42/ 41	1.1	2.4	1.7	1.2	.4													124	124	103	62
40/ 39	1.3	2.5	2.0	2.1	.3													151	151	142	88
38/ 37	.5	2.7	3.4	1.1	.2													146	146	116	86
36/ 35	.4	3.1	3.2	1.0	.1													144	144	146	81
34/ 33	.5	4.3	3.0	.3	.1													152	152	180	107
32/ 31	1.0	4.0	1.8	.1														129	129	181	140
30/ 29	.3	3.5	1.6	.2														102	102	146	154
28/ 27	.2	3.8	.8															88	88	113	145
26/ 25	.4	2.8	.6															70	70	97	136
24/ 23	.3	1.0	.3															30	30	63	137
22/ 21	.2	1.1	.2															27	27	26	116
20/ 19	.4	.7	.1															21	21	29	71
18/ 17	.1	.4	.1															10	10	18	50
16/ 15		.7																12	12	11	25
14/ 13	.1	.3	.1															8	8	11	24
12/ 11		.1																2	2	6	12
10/ 9																				2	20
8/ 7																					6
6/ 5																					5
4/ 3																					6
2/ 1																					6

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
0/ -1																					2
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	11.9	45.4	25.4	11.6	4.0	1.1	.5	.2	.1									1844	1844	1844	1841

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11574360	143348	77.8	15.186	1843							
Dry Bulb	3032960	72234	39.2	10.504	1844		25.2	.1				93
Wet Bulb	2655438	67398	36.5	10.208	1844		35.5					93
Dew Point	2188300	59566	32.4	11.910	1841	.3	53.4					93

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

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03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — DEC MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.1					1	1		
82/ 81												.1						1	1		
78/ 77								.1										1	1		
76/ 75					.1													1	1		
74/ 73				.1	.1	.2			.1	.1	.1							10	10		
72/ 71				.1		.1	.1		.1	.1								8	8		
70/ 69				.2	.2	.1	.1	.1	.1	.2								15	15		
68/ 67			.3	.2	.2	.1	.2	.1	.3	.1	.1							27	27	2	
66/ 65		.2	.4	.6	.2	.1	.1	.3	.2									38	38	7	
64/ 63	.1	.3	.7	.3	.2	.1	.1	.3	.2	.1								40	40	19	9
62/ 61		.4	.4	.2	.3	.4	.5	.4	.2									51	51	21	16
60/ 59		.4	.4	.4	.2	.4	.6	.5	.1									66	66	45	22
58/ 57	.2	.6	.3	.5	.5	.8	.7	.4										75	75	42	39
56/ 55	.3	.6	.3	.4	.8	.5	1.1	.4	.1									83	83	37	40
54/ 53	.3	.8	.6	.5	1.1	1.5	.9	.2										107	107	50	26
52/ 51	.4	1.0	.7	.6	1.6	1.1	.9											117	117	66	36
50/ 49	.4	.8	1.1	1.2	1.2	1.5	.5	.1										125	125	85	44
48/ 47	.2	1.0	.8	1.2	2.1	1.0	.2											121	121	103	40
46/ 45	.5	1.5	1.6	2.3	1.6	.9	.1											158	159	131	61
44/ 43	.3	1.7	1.4	2.5	1.8	.5												152	152	156	64
42/ 41	.3	1.1	2.2	1.7	1.0	.4												124	124	138	79
40/ 39	.6	1.3	1.0	1.6	.6	.2												98	98	190	92
38/ 37	.3	1.5	1.9	1.7	.6													112	112	155	107
36/ 35	.2	1.5	1.9	.9	.1													86	86	155	121
34/ 33	.1	1.1	1.5	.5	.2	.1												63	63	109	135
32/ 31		.9	1.1	.3	.1													44	44	95	153
30/ 29	.2	1.1	.7	.2		.1												42	42	72	124
28/ 27	.1	.5	.9	.2														31	31	52	132
26/ 25		.3	.3															11	11	30	130
24/ 23		.3	.3	.1														12	12	22	87
22/ 21		.2	.4															10	10	12	89
20/ 19		.4	.2															12	12	15	63
18/ 17			.1															1	1	11	38
16/ 15		.1	.1															2	2	2	19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13		.1																2	2	3	26
12/ 11																				2	16
10/ 9																					15
8/ 7																					5
6/ 5																					7
4/ 3																					5
2/ 1																					3
0/ -1																					2
TOTAL	4.3	20.2	21.5	18.7	14.6	9.9	5.8	2.9	1.2	.5	.1	.1	.1					1847	1848	1847	1845

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8243703	117973	63.9	19.538	1846							
Dry Bulb	4214334	85992	46.5	10.741	1848		8.4	3.2	.7	.1		93
Wet Bulb	3280339	75857	41.1	9.450	1847		15.9	.1				93
Dew Point	2355201	62277	33.8	11.713	1845	.1	46.1					93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87															.1			1	1		
86/ 85												.1	.1	.1				4	4		
84/ 83											.1	.1	.6					6	6		
82/ 81									.1	.1			.2					5	5		
80/ 79							.1	.1	.3	.1		.1	.1	.1				13	13		
78/ 77							.1				.2	.2	.1					11	11		
76/ 75					.1	.2	.2	.2		.1	.3	.4						24	24		
74/ 73					.1	.4	.4	.1	.2	.3	.8	.3						47	47		
72/ 71					.2	.3	.5	.2	.3	.6	.3	.2						46	46		
70/ 69			.2	.1	.2	.4	.2	.2	.7	.9	.3	.2						63	63		
68/ 67			.1	.3	.5	.6	.3	.5	.7	.7	.3							72	72	3	
66/ 65		.1	.4	.5	.3	.3	.4	.9	1.1	1.1	.1							95	95	12	
64/ 63		.1	.3	.2	.6	.5	.7	2.0	1.2	.8	.2							120	120	36	3
62/ 61		.3	.2	.4	.7	.5	1.2	2.2	1.4	.4								130	130	46	9
60/ 59	.1	.4	.2	.2	.3	.6	1.5	2.0	.8	.2								115	115	43	26
58/ 57	.1	.3	.4	.4	.4	.9	1.8	1.4	.5									112	112	58	41
56/ 55	.1	.3	.3	.8	.8	.7	1.8	1.1	.4									112	112	79	27
54/ 53		.4	.5	.3	.8	1.3	1.3	1.1	.1									102	102	101	42
52/ 51	.1	.4	.5	.7	.8	1.1	1.4	.6	.1									100	100	111	40
50/ 49	.2	.6	.4	1.0	1.6	1.2	1.3	.4										122	122	158	47
48/ 47	.1	1.3	.4	.7	1.1	1.2	.6	.1										98	98	185	48
46/ 45	.1	.7	.3	.8	1.2	.8	.3	.1										75	75	178	65
44/ 43	.2	.6	.3	.4	1.2	.3	.2											58	58	153	59
42/ 41	.2	.5	.5	.7	.6	.3												51	51	141	77
40/ 39	.2	.9	.4	.7	.9	.3												63	63	119	83
38/ 37	.2	.4	.6	.7	.4													43	43	110	122
36/ 35	.1	.4	.4	.7	.2													32	32	72	129
34/ 33	.1	.4	.4	.3	.2													26	26	59	134
32/ 31	.1	.5	.2	.3	.1													22	22	49	108
30/ 29	.1	.3	.2	.3														14	14	38	119
28/ 27	.1	.1	.3	.1														10	10	15	129
26/ 25		.1	.1	.1														3	3	18	113
24/ 23		.2		.1														5	5	8	79
22/ 21		.4																7	7	5	82

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19		.1																1	1	11	63
18/ 17																					43
16/ 15																					29
14/ 13																					38
12/ 11																					22
10/ 9																					13
8/ 7																					3
6/ 5																					8
4/ 3																					1
2/ 1																					3
0/ -1																					3
TOTAL	1.8	9.8	7.5	10.7	13.2	11.8	14.3	12.9	7.7	5.3	2.7	1.5	.7	.1	.1				1808		1808
																		1808		1808	

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.	5129279	88205	48.8	21.381	1808							
Dry Bulb	5730743	99349	55.1	11.751	1808		3.2	15.0	5.7	1.1		93
Wet Bulb	3870800	82100	45.4	8.886	1808		7.4	.2				93
Dew Point	2319690	61074	33.8	11.917	1808	.2	44.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — DEC MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89															.1			2	2		
88/ 85												.1	.1					4	4		
84/ 83										.1		.1						9	9		
82/ 81									.2	.1	.1	.1	.3	.1	.1			14	14		
80/ 79									.1	.1	.1	.1	.2					9	9		
78/ 77									.1	.2	.2	.6	.1					19	19		
76/ 75						.1	.2	.4	.2	.1	.3	.3	.1					31	31		
74/ 73						.2	.5	.4	.2	.5	.6	.2	.1					47	47		
72/ 71					.3	.3	.5	.3	.4	.9	.5	.4						65	65		
70/ 69				.3	.4	.2	.2	.4	.9	.9	.5	.1						69	69		
68/ 67			.3	.3	.3	.3	.3	.6	.8	1.1	.4	.1						78	78		
66/ 65		.1	.2	.3	.3	.3	.7	.7	1.5	1.4	.3	.1						105	105	11	
64/ 63	.1	.3	.2	.3	.7	.5	1.1	2.0	1.6	.6	.5							140	140	42	3
62/ 61	.1	.2	.2	.6	.3	.7	.8	1.6	1.7	.2								112	112	50	10
60/ 59		.3	.6	.5	.4	1.0	1.1	2.1	.8	.3								125	125	46	24
58/ 57		.2	.5	.4	.3	.7	1.6	1.4	.7	.3								107	107	58	30
56/ 55		.1	.2	.7	.7	1.4	1.3	1.1	.3									102	102	98	27
54/ 53	.1	.3	.6	.5	1.0	1.0	1.2	1.7	.1									113	113	102	47
52/ 51		.5	.7	.4	.6	1.4	1.4	.5	.1									97	97	122	48
50/ 49		.6	.3	.5	.8	1.1	1.0	.2										79	79	178	49
48/ 47	.2	1.0	.5	.6	1.1	1.5	.4	.1										97	97	181	48
46/ 45	.2	.7	.3	.4	1.1	.8												63	63	168	56
44/ 43	.2	.6	.6	.5	1.1	.6	.1											66	66	139	87
42/ 41	.1	.6	.3	.8	.7	.3												49	49	116	71
40/ 39	.2	.6	.5	.7	.6	.1												46	46	133	88
38/ 37	.2	.5	.2	.7	.5													35	35	107	115
36/ 35	.1	.1	.5	.3	.2													20	20	64	131
34/ 33		.5	.2	.2	.3													23	23	33	98
32/ 31	.2	.5	.1	.3														17	17	55	122
30/ 29	.1	.2	.1	.3	.1													14	14	20	122
28/ 27		.3	.2	.2														11	11	15	109
26/ 25		.1		.1														3	3	14	108
24/ 23		.1																2	2	12	97
22/ 21		.2	.1															6	6	5	61

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19		.1																1	1	6	61
18/ 17																				1	45
16/ 15																					31
14/ 13																					22
12/ 11																					24
10/ 9																					16
8/ 7																					8
6/ 5																					10
4/ 3																					3
2/ 1																					2
0/ -1																					1
TOTAL	1.6	8.4	7.4	9.5	11.8	12.6	12.3	13.5	9.7	6.7	3.5	2.0	.7	.1	.2				1776		1774
																		1776		1776	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4761985	83725	47.1	21.427	1776							
Dry Bulb	5894214	100150	56.4	11.788	1776		2.8	18.0	6.9	1.6		93
Wet Bulb	3915144	81922	46.1	8.763	1776		6.7					93
Dew Point	2300931	60265	34.0	11.961	1774	.1	44.1					93

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

03943 STATION — FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME — 49-70 YEARS — DEC MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75						.1		.1	.1									3	3		
74/ 73						.1	.1	.1	.1	.1								6	6		
72/ 71					.1		.2	.1	.1	.1								9	9		
70/ 69				.2	.2	.2		.2		.1								15	15		
68/ 67				.4	.2	.1		.4	.3	.4								23	23		
66/ 65		.1	.8	.5	.4	.2	.2	.3	.1	.2								48	48	1	
64/ 63	.1	.5	.2	.6	.3	.2	.2	.3	.2	.1								47	47	13	3
62/ 61		.8	.2	.5	.1	.2	.7	.4	.1									49	49	41	9
60/ 59	.1	.1	1.2	.5	.3	1.0	1.0	.4	.1									78	78	35	35
58/ 57		.5	.6	.6	.8	1.4	1.3	.4										95	95	33	24
56/ 55		.6	.3	.8	1.3	1.7	1.5	.4	.1	.1								114	114	56	24
54/ 53	.3	.4	.6	1.3	1.6	1.5	.8	.5										125	125	47	41
52/ 51	.2	.9	.8	1.2	1.6	2.3	.5	.1										130	130	53	45
50/ 49	.1	1.1	.8	1.5	1.9	1.5	.8	.1										133	133	100	35
48/ 47	.4	1.5	.7	2.7	2.3	1.9	.1											163	163	151	45
46/ 45	.3	.8	1.5	1.6	1.6	.9	.2											118	118	165	53
44/ 43	.4	1.3	1.2	1.7	2.0	.5												123	123	154	79
42/ 41	.2	.9	.9	1.6	1.6	.1												90	90	162	92
40/ 39	.3	.6	1.3	1.8	.8	.1												84	84	161	98
38/ 37	.4	1.0	1.2	1.4	.4													74	74	143	123
36/ 35	.1	.5	1.2	.9	.1													48	48	103	101
34/ 33	.1	.4	.7	.5	.1													29	29	91	132
32/ 31	.1	.6	.5	.3	.1													30	30	68	103
30/ 29	.2	.6	.4	.4														26	26	44	132
28/ 27		.2	.5	.2														16	16	25	114
26/ 25	.1	.3	.5	.1														16	16	23	94
24/ 23		.1	.2															4	4	16	88
22/ 21		.2	.3	.1														9	9	10	81
20/ 19		.2	.1															5	5	10	54
18/ 17																				6	30
16/ 15		.1																1	1	1	11
14/ 13																				1	14
12/ 11																					20
10/ 9																					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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					0
6/ 5																					6
4/ 3																					3
-2/ -3																					1
TOTAL	3.2	14.4	10.5	21.3	17.7	13.9	7.6	3.6	1.1	.7							1711	1711	1711	1711	1711

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6873099	103369	60.4	19.165	1711							
Dry Bulb	4238630	83416	48.8	10.025	1711		5.8	3.0	.5			93
Wet Bulb	3224823	72723	42.5	8.847	1711		11.1					93
Dew Point	2254549	58925	34.4	11.476	1711	.1	42.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79													.1					1	1		
76/ 75										.1			.1					2	2		
72/ 71						.1												1	1		
70/ 69				.1	.1				.1	.1								6	6		
68/ 67			.1	.1	.2	.1												9	9		
66/ 65	.1	.1	.5	.5	.1	.1		.2	.1	.1								27	27	1	
64/ 63		.2	.7	.1	.1		.2	.1	.1									23	23	7	3
62/ 61	.2	1.2	.5	.2		.1	.1	.1										39	39	29	9
60/ 59	.1	.6	.5	.1	.2	.2	.1											31	31	41	30
58/ 57	.1	1.1	.7	.2	.2	.7	.1	.1										54	54	22	33
56/ 55	.3	.8	.5	.6	.9	.8	.1	.1	.1									69	69	44	30
54/ 53	.3	.8	.6	.5	.8	.7	.5	.1	.1									73	73	27	35
52/ 51		.9	.8	.9	1.0	.8	.1											77	77	47	30
50/ 49	.2	1.6	1.0	1.5	1.4	.6												108	108	58	21
48/ 47	.4	1.7	1.5	2.3	1.8	.7	.2											145	145	88	56
46/ 45	.5	1.7	2.1	2.7	1.8	.8												161	161	108	50
44/ 43	.5	1.9	2.3	2.4	1.1	.1												142	142	139	59
42/ 41	.3	1.7	2.5	3.0	.8	.1												140	140	148	77
40/ 39	.9	1.7	3.3	2.3	.7	.1												149	149	176	105
38/ 37	.5	1.5	2.2	1.9	.9													117	117	169	117
36/ 35	.2	1.2	2.4	1.2	.1													86	86	155	121
34/ 33	.1	.9	1.7	.3	.1													53	53	115	108
32/ 31	.1	1.6	1.4	.3														56	56	89	131
30/ 29	.1	1.1	.6	.2														34	34	88	135
28/ 27	.1	.6	.7	.1														25	25	42	110
26/ 25		.9	.5															25	25	27	115
24/ 23		.2	.6															11	11	27	96
22/ 21		.4	.2															11	11	16	72
20/ 19	.1	.5	.1															11	11	12	35
18/ 17		.1	.1															3	3	12	33
16/ 15		.1																1	1	1	18
14/ 13		.1																2	2	2	17
12/ 11																				2	18
10/ 9																					15

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

4

PSYCHROMETRIC SUMMARY

03943 STATION | FT WOLTERS AAF TEX/MINERAL WELLS STATION NAME | 49-70 YEARS | DEC MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					3
6/ 5																					2
4/ 3																					1
2/ 1																					7
TOTAL	4.9	25.1	27.8	21.5	12.4	5.8	1.4	.5	.4	.2			.1					1692	1692		1692
																		1692		1692	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	8358687	116791	69.0	17.146	1692							
Dry Bulb	3499220	75146	44.4	9.781	1692		9.8	1.0	.2			93
Wet Bulb	2862479	67841	40.1	9.176	1692		17.3					93
Dew Point	2189665	57767	34.1	11.339	1692		44.4					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	39.6	43.6	49.1	59.4	67.0	74.6	78.4	77.6	70.7	60.3	48.5	41.7	59.6
	S D	12.211	10.486	10.602	9.072	6.999	5.704	4.374	4.926	6.504	8.852	10.465	10.007	16.259
	TOTAL OBS	1741	1611	1758	1755	1629	1776	1834	1836	1768	1868	1687	1700	21163
03-05	MEAN	37.9	41.4	46.8	57.0	64.5	71.8	75.4	74.7	68.2	57.8	46.5	39.9	57.0
	S D	12.545	10.493	10.752	9.193	6.824	5.216	3.751	4.544	6.506	9.030	10.734	10.357	16.018
	TOTAL OBS	1828	1667	1824	1792	1832	1781	1837	1840	1776	1902	1759	1739	21577
06-08	MEAN	36.8	40.4	46.7	58.1	66.7	74.3	77.9	76.6	69.5	58.2	46.1	39.2	57.6
	S D	12.496	10.571	10.843	9.079	6.869	5.766	4.794	5.281	6.973	9.184	10.810	10.504	17.177
	TOTAL OBS	1831	1669	1830	1789	1831	1785	1839	1841	1774	1913	1812	1844	21754
09-11	MEAN	43.3	47.7	55.1	66.6	75.0	82.7	87.0	86.7	79.3	68.3	55.2	46.5	66.2
	S D	13.237	11.608	12.057	9.202	7.561	6.777	6.169	6.321	8.091	9.502	10.750	10.741	18.201
	TOTAL OBS	1837	1670	1838	1793	1837	1783	1835	1838	1775	1911	1815	1848	21760
12-14	MEAN	51.5	55.7	62.6	73.0	80.7	88.5	93.0	93.3	85.6	75.7	63.0	55.1	73.2
	S D	14.728	13.248	13.219	10.100	8.283	7.202	6.562	6.488	8.639	10.145	11.643	11.751	17.976
	TOTAL OBS	1834	1668	1837	1793	1836	1780	1833	1837	1771	1912	1817	1808	21726
15-17	MEAN	53.7	58.3	64.9	74.9	82.2	90.0	94.4	94.6	86.7	76.6	63.7	56.4	74.8
	S D	14.726	13.358	13.376	10.322	8.494	7.524	6.843	6.624	8.476	10.185	11.714	11.788	17.833
	TOTAL OBS	1818	1664	1827	1788	1827	1774	1825	1831	1762	1910	1811	1776	21613
18-20	MEAN	46.8	52.1	59.1	69.3	76.9	85.1	89.3	88.5	79.7	68.4	55.8	48.8	68.5
	S D	12.793	11.659	11.991	9.691	8.038	7.230	6.899	6.860	7.975	9.339	10.346	10.029	17.725
	TOTAL OBS	1760	1632	1791	1750	1791	1744	1786	1783	1729	1843	1746	1711	21066
21-23	MEAN	42.3	46.8	53.2	63.1	70.8	78.5	82.3	81.4	73.8	63.2	51.2	44.4	62.8
	S D	12.139	10.626	10.941	8.950	7.240	6.110	5.210	5.523	6.932	8.949	10.056	9.781	16.621
	TOTAL OBS	1735	1614	1771	1731	1789	1732	1787	1777	1727	1821	1704	1692	20880
ALL HOURS	MEAN	44.0	48.3	54.7	65.2	73.0	80.7	84.7	84.2	76.7	66.1	53.8	46.5	65.0
	S D	14.396	13.115	13.505	11.445	9.839	9.176	8.856	9.303	10.134	11.711	12.651	12.309	18.414
	TOTAL OBS	14384	13195	14476	14191	14572	14155	14572	14583	14082	15080	14151	14118	171559

USAFETAC FORM JUL 64 0 89 5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03943 — STATION
FT WOLTERS AAF TEX/MINERAL WELLS — STATION NAME
49-70 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	36,5	39,9	44,1	54,3	62,5	68,7	70,5	69,3	64,0	55,5	44,8	38,4	54,5
	S D	11,726	9,725	10,047	9,141	6,276	4,122	2,664	3,596	6,091	8,904	10,410	9,520	14,821
	TOTAL OBS	1740	1611	1758	1755	1821	1776	1834	1836	1768	1858	1687	1700	21144
03-05	MEAN	35,3	38,4	42,7	53,0	61,3	67,7	69,9	68,7	64,0	54,1	43,5	37,1	53,1
	S D	12,133	10,040	10,332	9,531	6,551	4,244	2,738	3,729	6,530	9,266	10,791	9,938	15,219
	TOTAL OBS	1828	1667	1824	1792	1823	1781	1837	1840	1776	1882	1759	1739	21548
06-08	MEAN	34,5	37,6	42,7	53,7	62,6	69,0	71,3	70,0	64,8	54,4	43,1	36,5	53,4
	S D	12,145	10,196	10,459	9,389	6,460	4,353	2,784	3,712	6,613	9,402	10,940	10,208	15,928
	TOTAL OBS	1831	1669	1830	1789	1822	1785	1835	1841	1774	1891	1812	1844	21723
09-11	MEAN	38,6	41,9	46,9	57,4	65,7	71,4	73,6	72,8	68,3	59,2	48,1	41,1	57,1
	S D	11,813	9,841	9,957	8,599	6,011	4,046	2,460	3,024	5,916	8,443	9,910	9,450	15,018
	TOTAL OBS	1837	1670	1838	1793	1828	1783	1835	1839	1775	1891	1815	1847	21751
12-14	MEAN	42,9	45,9	50,2	59,7	67,4	72,6	74,2	73,5	69,6	61,5	51,5	45,4	59,6
	S D	11,421	9,678	9,450	8,117	5,675	3,843	2,386	2,939	5,442	7,912	9,249	8,886	13,699
	TOTAL OBS	1834	1668	1837	1793	1827	1780	1833	1837	1771	1892	1817	1808	21697
15-17	MEAN	44,1	47,2	51,3	60,3	67,7	72,8	74,0	73,3	69,4	61,6	51,7	46,1	60,0
	S D	11,074	9,438	9,175	7,738	5,581	3,748	2,346	2,904	5,105	7,743	9,029	8,763	13,202
	TOTAL OBS	1818	1664	1827	1788	1818	1774	1825	1831	1762	1889	1811	1776	21583
18-20	MEAN	40,7	44,4	48,9	58,5	66,4	71,6	72,9	71,9	67,5	58,9	48,3	42,5	57,9
	S D	10,968	9,400	9,339	8,092	5,746	3,756	2,405	3,095	5,436	8,082	9,400	8,847	13,948
	TOTAL OBS	1700	1632	1791	1750	1782	1744	1786	1783	1729	1827	1746	1711	21041
21-23	MEAN	38,2	41,7	46,4	56,2	64,2	69,9	71,4	70,2	65,8	56,8	46,2	40,1	55,8
	S D	11,300	9,489	9,748	8,659	5,987	3,892	2,469	3,395	5,831	8,592	9,832	9,176	14,396
	TOTAL OBS	1735	1614	1771	1731	1780	1732	1787	1777	1727	1814	1704	1692	20864
ALL HOURS	MEAN	38,9	42,1	46,7	56,6	64,7	70,5	72,2	71,2	66,8	57,8	47,2	40,9	56,4
	S D	12,034	10,260	10,309	9,063	6,458	4,387	2,974	3,761	6,237	9,012	10,443	9,959	14,769
	TOTAL OBS	14383	13195	14476	14191	14501	14155	14572	14584	14082	14944	14151	14117	171351

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03943 — STATION
FT WOLTERS AAF TEX/MINERAL WELLS — STATION NAME
49-70 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	31.5	34.8	37.9	49.7	59.8	65.8	66.8	65.2	61.6	51.6	40.2	33.5	50.7
	S D	13.882	11.717	12.527	11.658	7.081	4.498	4.033	5.043	7.541	10.931	12.781	11.304	16.483
	TOTAL OBS	1739	1611	1754	1754	1821	1774	1833	1834	1768	1857	1686	1697	21128
03-05	MEAN	30.9	33.9	37.4	49.3	59.3	65.7	67.3	65.7	61.5	51.0	39.5	32.7	49.7
	S D	14.117	12.001	12.594	11.745	7.329	4.562	3.726	4.753	7.747	10.986	12.990	11.549	16.882
	TOTAL OBS	1825	1666	1823	1792	1823	1779	1836	1840	1776	1882	1757	1738	21537
06-08	MEAN	30.3	33.4	37.4	49.6	60.1	66.5	68.4	66.8	62.0	51.2	39.1	32.4	49.8
	S D	14.111	12.068	12.737	11.823	7.482	4.662	3.376	4.531	7.864	11.176	13.291	11.910	17.423
	TOTAL OBS	1829	1667	1828	1787	1819	1782	1835	1841	1772	1890	1809	1841	21700
09-11	MEAN	31.7	34.4	37.7	49.7	60.4	66.2	67.7	66.5	62.5	52.4	40.3	33.8	50.3
	S D	14.070	12.113	13.00	12.576	8.037	4.841	3.643	4.460	7.924	11.442	13.469	11.715	17.087
	TOTAL OBS	1838	1667	1838	1793	1828	1782	1834	1839	1775	1891	1811	1845	21739
12-14	MEAN	32.1	34.5	37.3	49.3	60.0	65.4	65.9	64.4	61.1	51.9	39.8	33.8	49.6
	S D	13.826	12.407	13.042	12.786	8.310	5.143	4.402	5.016	8.005	11.695	13.289	11.917	16.682
	TOTAL OBS	1833	1666	1836	1791	1826	1779	1831	1835	1769	1891	1816	1808	21679
15-17	MEAN	32.1	34.5	37.2	49.0	59.7	64.8	64.7	63.2	60.1	50.9	39.6	34.0	49.2
	S D	13.735	12.560	13.023	12.739	8.514	5.142	4.896	5.541	8.130	11.661	12.982	11.961	16.381
	TOTAL OBS	1818	1663	1826	1785	1817	1774	1829	1831	1761	1888	1810	1774	21572
18-20	MEAN	32.3	35.1	37.9	49.9	60.4	65.3	65.3	64.0	60.7	51.9	40.2	34.4	49.9
	S D	13.418	12.260	12.914	12.123	7.895	4.879	4.868	5.656	7.849	10.937	12.617	11.476	16.206
	TOTAL OBS	1760	1630	1791	1746	1782	1743	1786	1782	1728	1827	1743	1711	21029
21-23	MEAN	32.0	35.0	38.6	50.4	60.5	65.7	66.2	64.7	61.1	51.7	40.4	34.1	50.3
	S D	13.601	11.841	12.568	11.596	7.169	4.484	4.373	5.340	7.749	10.946	12.500	11.339	16.252
	TOTAL OBS	1733	1614	1771	1731	1780	1731	1785	1774	1727	1813	1703	1692	20856
ALL HOURS	MEAN	31.6	34.4	37.7	49.6	60.0	65.7	66.6	65.1	61.4	51.5	39.9	33.6	49.9
	S D	13.862	12.134	12.817	12.147	7.752	4.808	4.349	5.188	7.882	11.237	13.005	11.672	16.688
	TOTAL OBS	14373	13184	14467	14179	14498	14144	14565	14578	14076	14939	14133	14106	171240

USAFETAC FORM JUL 64 0 89 5 (OL1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 | FT WELLERS AAF TEX/MINERAL WELLS | 49-70 | ALL
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.9	98.4	93.4	84.5	73.5	60.2	45.8	31.8	15.4	65.9	14382
FEB		99.9	97.5	90.4	80.6	68.9	55.2	43.6	29.8	14.0	63.7	13194
MAR		99.8	95.6	85.5	73.9	60.7	46.3	33.1	20.1	6.9	57.8	14475
APR		100.0	97.0	89.5	79.4	67.5	53.8	40.1	25.1	9.5	61.8	14191
MAY		100.0	99.4	96.5	89.9	78.3	63.1	48.2	31.6	10.4	67.7	14499
JUN		100.0	99.9	97.8	87.5	71.8	55.2	38.6	21.9	6.0	63.4	14155
JUL		100.0	99.6	93.0	77.9	60.7	45.0	30.0	16.6	4.6	58.9	14572
AUG		100.0	99.3	91.5	74.2	57.7	42.0	27.6	14.2	3.8	56.5	14582
SEP		100.0	99.3	94.0	82.7	68.7	54.3	40.8	26.5	8.4	63.1	14081
OCT		100.0	98.5	92.6	82.5	70.6	56.1	41.8	27.4	10.6	63.7	14944
NOV		100.0	99.0	91.5	80.9	66.9	56.2	42.6	24.9	13.3	63.8	14130
DEC		100.0	98.8	93.1	84.1	74.2	58.3	42.6	28.9	13.6	64.7	14115
TOTALS		100.0	98.5	92.4	81.5	68.3	53.9	39.6	25.2	9.7	62.5	171340

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943	FT WOLTERS AAF TEX/MINERAL WELLS	49-65,67-70	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.9	99.7	97.6	90.6	76.4	59.4	41.6	20.5	74.2	1740
	03-05	100.0	100.0	99.8	98.4	93.0	83.6	67.0	48.2	24.5	77.2	1828
	06-08	100.0	100.0	99.6	98.4	93.9	85.1	71.6	53.2	27.5	78.5	1831
	09-11	100.0	99.6	96.9	89.1	77.1	60.4	43.8	29.0	14.1	66.6	1837
	12-14	99.6	95.5	82.1	62.8	46.7	33.0	22.5	15.1	6.9	52.1	1834
	15-17	99.7	93.5	75.4	55.0	40.6	28.9	20.1	13.0	6.3	48.8	1818
	18-20	100.0	99.1	94.5	81.2	64.4	47.1	33.3	21.5	8.3	60.4	1759
	21-23	100.0	99.7	98.8	93.7	81.8	66.2	48.8	32.4	15.1	69.2	1735
TOTALS		99.9	98.4	93.4	84.5	73.5	60.2	45.8	31.8	15.4	65.9	14382

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WORTH AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	99.9	99.4	98.4	95.1	80.8	75.6	60.6	41.0	19.6	73.2	1611
	03-05	100.0	100.0	98.7	96.0	91.2	82.4	67.5	49.7	24.5	76.7	1667
	06-08	100.0	100.0	99.1	96.6	92.5	83.3	70.3	52.4	25.6	77.7	1669
	09-11	100.0	99.6	94.6	84.7	69.1	54.3	39.2	26.3	12.5	63.9	1670
	12-14	99.8	94.1	76.4	58.8	42.2	30.2	21.3	13.0	6.8	49.8	1668
	15-17	99.5	89.9	70.9	50.5	36.4	25.7	17.0	10.9	5.2	46.6	1664
	18-20	100.0	97.5	88.2	73.3	57.4	41.7	27.8	16.9	6.4	56.4	1651
	21-23	100.0	99.3	96.7	89.5	75.8	61.8	45.1	27.9	11.1	66.3	1614
TOTALS		99.9	97.5	90.4	80.6	68.9	56.8	43.0	29.8	14.0	63.7	13194

USAF ETAC FORM JUL 64 0-87-5 (OL I)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 — STATION
FT WILTERS AAF TEX/MINERAL WELLS — STATION NAME
49-65,67-70 — PERIOD
FEB — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	99.9	99.4	98.4	95.1	86.8	75.6	60.6	41.0	19.6	73.2	1611
	03-05	100.0	100.0	98.7	96.0	91.2	82.4	67.3	49.7	24.5	76.7	1667
	06-08	100.0	100.0	99.1	96.6	92.5	83.3	70.3	52.4	25.6	77.7	1669
	09-11	100.0	99.6	94.6	84.7	69.1	54.3	39.2	26.3	12.5	63.9	1670
	12-14	99.8	94.1	76.4	58.8	42.2	30.2	21.3	13.0	6.8	49.8	1666
	15-17	99.5	89.9	70.9	50.5	36.4	25.7	17.0	10.9	5.2	46.6	1664
	18-20	100.0	97.5	88.2	73.3	57.4	41.7	27.8	16.9	6.4	56.4	1631
	21-23	100.0	99.3	96.7	89.5	75.8	61.8	45.1	27.9	11.1	66.3	1614
TOTALS		99.9	97.5	90.4	80.6	68.9	56.8	43.0	29.8	14.0	63.7	13194

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.6	98.6	95.3	87.3	74.0	58.5	36.6	15.0	72.3	1755
	03-05	100.0	99.8	99.3	97.3	92.9	83.2	70.0	49.2	19.6	77.0	1792
	06-08	100.0	99.8	99.0	96.4	90.3	80.0	66.6	44.9	17.1	75.7	1789
	09-11	100.0	98.4	89.8	76.8	63.5	46.3	29.6	16.2	4.4	58.0	1793
	12-14	100.0	92.9	75.0	58.9	41.1	26.1	14.2	7.0	2.3	47.3	1793
	15-17	99.7	89.0	70.1	51.0	36.4	23.9	14.7	7.3	3.1	44.8	1788
	18-20	99.9	97.2	86.1	68.9	52.2	36.7	25.4	14.9	4.9	54.1	1750
	21-23	100.0	99.5	97.9	90.5	76.1	59.8	41.7	24.9	9.9	65.7	1731
TOTALS		100.0	97.0	89.5	79.4	67.5	53.8	40.1	25.1	9.5	61.8	14171

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943	FT WOLTERS AAF TEX/MINERAL WELLS	49-65,67-70	APR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.6	98.6	95.3	87.1	74.8	58.5	36.6	15.0	72.3	1755
	03-05	100.0	99.8	99.3	97.3	92.9	83.7	70.0	49.2	19.6	77.0	1792
	06-08	100.0	99.8	99.0	96.4	90.3	80.0	66.6	44.9	17.1	75.7	1789
	09-11	100.0	98.5	89.8	76.8	63.5	46.3	29.6	16.2	4.4	58.0	1793
	12-14	100.0	92.9	75.0	58.9	41.1	26.1	14.2	7.0	2.3	47.3	1793
	15-17	99.7	89.0	70.1	51.0	36.4	23.2	14.7	7.3	3.1	44.8	1788
	18-20	99.9	97.2	86.1	68.9	52.2	36.7	25.4	14.9	4.9	54.1	1790
	21-23	100.0	99.5	97.9	90.5	76.1	59.8	41.7	24.9	9.9	65.7	1731
TOTALS		100.0	97.0	89.5	79.4	67.5	53.8	40.1	25.1	9.5	61.8	14171

USAF ETAC FORM JUL 64 0-87-5 (OL I)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	100.0	100.0	99.9	99.6	98.4	88.2	65.1	34.8	9.5	75.0	1776
	03-05	100.0	100.0	100.0	99.9	99.4	97.4	87.3	59.6	16.7	81.8	1781
	06-08	100.0	99.9	99.9	99.8	99.0	93.0	75.1	42.2	10.0	77.5	1785
	09-11	100.0	100.0	99.4	93.8	74.5	42.2	17.7	7.5	3.1	59.2	1783
	12-14	100.0	99.9	95.0	70.0	34.9	16.2	7.1	4.0	1.6	48.3	1780
	15-17	100.0	99.6	91.3	56.8	26.6	12.6	6.1	3.0	1.3	45.3	1774
	18-20	100.0	99.9	97.4	81.4	52.7	28.3	14.2	6.8	1.5	53.7	1744
	21-23	100.0	100.0	99.8	98.8	89.0	64.1	36.2	17.4	4.2	66.4	1732
TOTALS		100.0	99.9	97.6	87.5	71.8	55.2	38.6	21.9	6.0	63.4	14155

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	100.0	100.0	99.6	90.1	68.9	45.9	23.6	7.4	69.2	1834
	03-05	100.0	100.0	100.0	99.9	98.4	89.3	70.2	42.4	12.7	76.9	1837
	06-08	100.0	100.0	100.0	99.6	96.9	84.3	61.7	32.3	7.4	73.8	1835
	09-11	100.0	99.9	98.4	85.6	56.1	31.1	12.8	6.0	2.5	54.7	1835
	12-14	100.0	99.3	85.5	48.4	22.3	10.4	5.4	3.1	1.3	43.2	1833
	15-17	100.0	98.0	72.4	37.6	18.0	10.0	5.0	2.9	.8	40.1	1825
	18-20	100.0	99.4	88.0	60.6	35.4	21.4	11.9	6.3	1.2	48.0	1786
	21-23	100.0	100.0	99.7	91.7	68.2	44.4	27.1	14.4	3.7	60.4	1787
TOTALS		100.0	99.6	93.0	77.9	60.7	45.0	30.0	16.6	4.6	58.3	14572

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.9	98.3	86.6	65.3	41.5	20.8	4.4	67.7	1835
	03-05	100.0	100.0	100.0	99.7	97.0	85.2	68.1	35.5	8.4	74.7	1840
	06-08	100.0	100.0	100.0	99.3	95.2	81.6	59.3	30.9	6.7	72.9	1841
	09-11	100.0	100.0	97.2	80.8	51.8	26.5	11.6	5.1	1.4	53.0	1838
	12-14	100.0	99.1	81.7	39.8	16.9	6.9	4.3	2.2	.6	40.5	1837
	15-17	100.0	97.8	66.8	29.9	13.1	7.5	3.8	2.3	.8	37.6	1831
	18-20	100.0	99.4	86.8	56.8	34.4	20.1	10.4	5.1	1.0	47.0	1783
	21-23	100.0	100.0	99.3	88.7	66.1	42.5	25.0	11.9	3.0	59.2	1777
TOTALS		100.0	99.5	91.5	74.2	57.7	42.0	27.6	14.2	3.3	56.1	14582

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-65,67-70 (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	100.0	100.0	98.9	93.3	80.1	62.1	40.6	12.4	74.4	1768
	03-05	100.0	100.0	100.0	99.6	97.7	90.9	77.8	56.3	20.4	80.2	1776
	06-08	100.0	100.0	99.9	98.9	95.3	87.9	74.0	52.4	18.2	78.6	1773
	09-11	100.0	99.8	96.5	85.7	66.7	44.8	25.5	12.3	2.9	59.0	1775
	12-14	100.0	97.9	85.0	59.0	33.5	18.6	10.2	6.0	1.9	46.7	1771
	15-17	100.0	96.8	77.4	49.0	27.0	15.9	10.7	5.8	1.6	44.0	1762
	18-20	100.0	99.7	94.0	76.1	54.3	35.7	22.6	12.4	3.2	55.4	1729
	21-23	100.0	100.0	99.4	94.2	81.4	60.6	43.7	25.9	6.3	66.8	1727
TOTALS		100.0	99.3	94.0	82.7	68.7	54.3	40.8	26.5	8.4	63.1	14081

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	100.0	100.0	99.7	97.7	91.7	80.6	63.1	40.7	15.4	74.6	1858
	03-05	100.0	100.0	99.8	99.1	95.3	88.2	75.3	54.5	22.7	79.4	1882
	06-08	100.0	100.0	99.8	98.7	94.3	86.6	73.5	54.7	23.1	79.0	1891
	09-11	100.0	99.4	94.4	82.3	67.4	47.4	29.5	16.2	4.9	59.7	1891
	12-14	100.0	95.7	79.5	56.6	33.5	19.2	10.9	6.6	2.8	46.2	1892
	15-17	100.0	93.5	74.6	50.3	31.7	16.5	10.0	5.8	2.1	44.0	1889
	18-20	100.0	99.5	94.1	82.4	64.8	42.3	25.3	13.8	4.6	58.3	1827
	21-23	100.0	100.0	99.2	92.5	84.0	68.0	46.4	27.2	9.2	68.3	1814
TOTALS		100.0	98.5	92.6	82.5	70.6	56.1	41.8	27.4	10.6	63.7	14944

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (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	100.0	100.0	99.5	96.6	90.5	79.7	63.3	42.3	18.0	74.7	1657
	03-05	100.0	99.9	99.5	96.9	93.6	85.4	71.6	51.1	25.3	78.2	1758
	06-08	100.0	99.9	99.6	97.2	93.1	84.3	69.5	52.2	25.7	77.9	1812
	09-11	100.0	99.4	94.7	80.8	64.6	47.8	32.3	20.5	10.0	60.6	1815
	12-14	100.0	97.0	72.9	51.3	34.8	22.5	15.4	10.3	4.7	46.4	1817
	15-17	100.0	96.1	70.6	48.7	31.5	21.0	13.3	8.9	4.1	45.2	1811
	18-20	100.0	99.8	96.0	80.5	60.5	42.5	27.9	16.5	6.4	58.6	1746
	21-23	100.0	100.0	98.9	95.0	82.7	66.1	45.3	28.3	11.9	68.4	1704
TOTALS		100.0	99.0	91.5	80.9	68.9	56.2	42.6	28.9	13.3	63.8	14150

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 40-70 (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	99.9	99.4	97.8	92.4	79.5	58.2	38.6	18.4	74.0	1700
	03-05	100.0	100.0	99.7	98.3	94.5	84.2	66.3	47.8	21.4	76.9	1739
	06-08	100.0	100.0	99.8	98.8	95.3	84.9	67.6	50.7	23.9	77.8	1843
	09-11	100.0	99.8	97.1	86.3	71.7	54.6	37.7	23.5	11.5	63.9	1866
	12-14	100.0	96.2	78.2	57.1	39.3	27.1	17.9	11.8	5.9	48.8	1808
	15-17	99.9	95.2	74.3	53.3	33.6	25.2	16.9	10.8	5.4	47.1	1776
	18-20	100.0	97.8	96.8	84.6	64.5	44.9	30.0	18.8	8.9	60.4	1711
	21-23	100.0	99.8	99.1	96.2	84.0	66.3	45.8	29.0	13.6	69.0	1692
TOTALS		100.0	98.8	93.1	84.1	74.2	58.3	42.6	28.9	13.6	64.7	14115

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

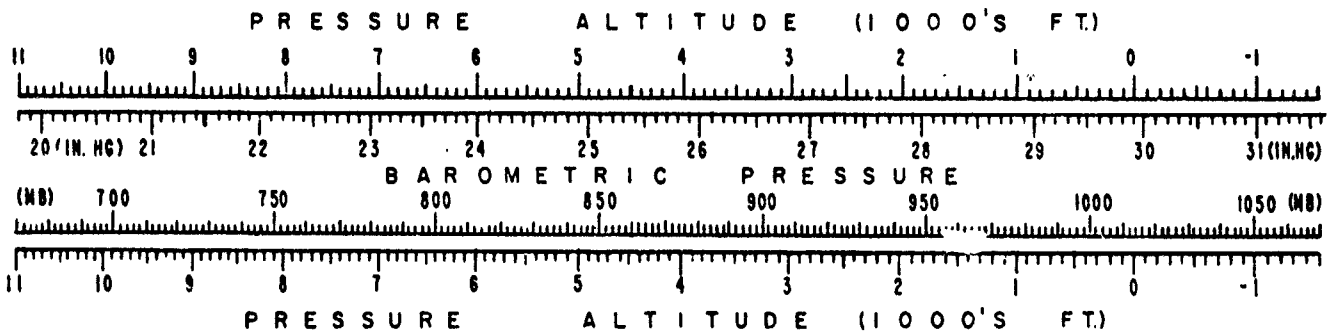
PART F PRESSURE SUMMARY

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 to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure 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.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.093	29.037	28.973	28.928	28.922	28.904	28.960	28.952	28.972	29.026	29.070	29.090	28.993
	S D	.214	.210	.209	.179	.140	.103	.079	.060	.112	.151	.209	.211	.177
	TOTAL OBS	568	536	585	572	608	588	608	608	586	615	593	562	6989
03	MEAN	29.092	29.033	28.966	28.923	28.914	28.902	28.959	28.951	28.971	29.024	29.069	29.084	28.990
	S D	.216	.207	.211	.180	.137	.102	.078	.081	.111	.152	.208	.212	.178
	TOTAL OBS	611	557	608	598	611	594	613	614	592	627	584	579	7188
06	MEAN	29.095	29.043	28.987	28.947	28.941	28.925	28.985	28.974	28.993	29.042	29.084	29.085	29.009
	S D	.215	.208	.213	.182	.137	.101	.078	.080	.112	.155	.212	.213	.177
	TOTAL OBS	609	556	608	598	610	595	612	614	592	639	605	608	7246
09	MEAN	29.135	29.085	29.025	28.980	28.968	28.951	29.010	29.002	29.025	29.079	29.123	29.123	29.042
	S D	.218	.213	.216	.187	.138	.102	.080	.082	.115	.156	.215	.216	.181
	TOTAL OBS	614	557	613	597	612	595	612	614	592	639	605	618	7268
12	MEAN	29.116	29.070	29.004	28.957	28.949	28.932	28.989	28.978	29.001	29.052	29.094	29.100	29.020
	S D	.222	.215	.217	.189	.138	.102	.080	.084	.117	.156	.213	.218	.181
	TOTAL OBS	611	557	612	598	613	595	612	613	592	638	606	610	7257
15	MEAN	29.050	29.001	28.935	28.897	28.898	28.884	28.936	28.921	28.938	28.992	29.035	29.041	28.961
	S D	.220	.213	.213	.187	.137	.102	.082	.084	.118	.154	.210	.213	.178
	TOTAL OBS	609	556	613	597	612	595	612	614	591	638	605	596	7238
18	MEAN	29.059	29.001	28.924	28.877	28.869	28.853	28.904	28.893	28.924	28.989	29.042	29.053	28.949
	S D	.215	.210	.211	.186	.137	.102	.078	.083	.117	.153	.208	.211	.182
	TOTAL OBS	596	549	603	587	599	585	597	598	578	622	587	576	7079
21	MEAN	29.085	29.031	28.960	28.915	28.905	28.883	28.933	28.931	28.963	29.022	29.069	29.078	28.981
	S D	.214	.208	.209	.184	.137	.101	.078	.081	.113	.153	.207	.210	.179
	TOTAL OBS	580	539	592	576	596	576	595	591	576	608	573	566	6968
ALL HOURS	MEAN	29.091	29.038	28.972	28.928	28.921	28.904	28.960	28.951	28.973	29.029	29.073	29.082	28.993
	S D	.218	.212	.214	.187	.141	.106	.085	.088	.118	.156	.212	.214	.181
	TOTAL OBS	4798	4407	4836	4723	4861	4723	4861	4866	4699	5026	4718	4715	57233

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

03943 (STATION) FT WOLTERS AAF TEX/MINERAL WELLS (STATION NAME) 49-70 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020,4	1018,3	1015,7	1013,8	1013,2	1012,2	1014,1	1013,8	1014,7	1017,0	1019,2	1020,2	1016,0
	S D	7,876	7,407	7,608	6,533	5,048	3,644	2,572	2,751	3,891	5,433	7,595	7,675	6,533
	TOTAL OBS	568	526	583	574	608	588	608	608	586	615	594	562	6992
03	MEAN	1020,2	1018,0	1015,5	1013,5	1013,0	1012,1	1014,0	1013,7	1014,6	1016,7	1019,1	1019,9	1015,9
	S D	7,895	7,418	7,602	6,541	4,928	3,581	2,512	2,764	3,860	5,501	7,329	7,704	6,550
	TOTAL OBS	611	557	608	598	611	594	613	614	592	627	585	579	7185
06	MEAN	1020,5	1018,5	1016,3	1014,4	1014,0	1013,0	1015,0	1014,6	1015,5	1017,7	1019,7	1020,0	1016,6
	S D	7,867	7,451	7,678	6,593	4,904	3,551	2,491	2,751	3,888	5,578	7,689	7,713	6,495
	TOTAL OBS	608	556	608	598	610	595	612	614	592	638	606	609	7246
09	MEAN	1022,0	1020,1	1017,7	1015,6	1014,9	1013,9	1015,8	1015,6	1016,6	1019,0	1021,0	1021,3	1017,8
	S D	7,953	7,568	7,775	6,770	4,943	3,594	2,573	2,775	4,002	5,586	7,718	7,848	6,649
	TOTAL OBS	613	556	613	596	612	594	611	614	592	638	605	618	7262
12	MEAN	1021,2	1019,4	1016,8	1014,8	1014,2	1013,2	1015,0	1014,7	1015,7	1017,9	1019,9	1020,5	1016,9
	S D	8,048	7,641	7,797	6,784	4,924	3,595	2,589	2,832	4,041	5,600	7,655	7,883	6,652
	TOTAL OBS	610	557	612	598	613	595	612	614	592	636	606	610	7255
15	MEAN	1018,8	1016,9	1014,4	1012,6	1012,4	1011,5	1013,2	1012,7	1013,5	1015,6	1017,8	1018,4	1014,8
	S D	8,019	7,601	7,641	6,778	4,916	3,566	2,593	2,815	4,070	5,524	7,570	7,727	6,537
	TOTAL OBS	608	557	612	598	612	595	612	614	591	638	605	598	7234
18	MEAN	1019,3	1017,0	1014,1	1012,0	1011,4	1010,5	1012,2	1011,8	1013,1	1015,9	1018,3	1019,0	1014,5
	S D	7,863	7,467	7,624	6,713	4,911	3,597	2,579	2,862	4,049	5,516	7,469	7,649	6,723
	TOTAL OBS	596	549	605	589	599	585	597	598	578	622	588	576	7082
21	MEAN	1020,3	1018,1	1015,4	1013,4	1012,7	1011,6	1013,2	1013,1	1014,5	1017,0	1019,3	1020,0	1015,7
	S D	7,852	7,452	7,574	6,680	4,898	3,573	2,559	2,802	3,965	5,523	7,489	7,614	6,652
	TOTAL OBS	580	540	592	578	596	576	595	591	576	608	573	566	6971
ALL HOURS	MEAN	1020,3	1018,3	1015,7	1013,8	1013,2	1012,2	1014,1	1013,8	1014,8	1017,2	1019,3	1019,9	1016,0
	S D	7,972	7,562	7,739	6,758	5,035	3,722	2,788	3,010	4,108	5,619	7,635	7,770	6,675
	TOTAL OBS	4794	4408	4835	4729	4861	4722	4860	4867	4699	5022	4722	4716	57235

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