USAFETAC/DS-79/014

AD A070146

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

VANCE AFB OKLAHOMA/ENID WBAN# 13909
N 36 21 W 097 55 FLD ELEV 1307 FT KEND WMO#

PARTS A-F

POR FROM HOURLY OBS: JAN 42-APR 43, JUN 43-JAN 47,
OCT 48-NOV 75

POR FROM DAILY OBS: JAN 42-APR 43, JUN 43-JAN 47,
OCT 48-NOV 75

APR 07 1976

FEDERAL BUILDING
ASHEVILLE, N. C.

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869-4820/b

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REPORT DOCUMENTATION PAGE

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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 Vance AFB, Enid, Oklahoma
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

* Oklahoma * Vance AFB OK

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

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

U S AIR FORCE
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APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

674-3966

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
13909	VANCE AFB OKLAHOMA/ENID	N 36 21	W 097 55	1307	KEND	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	WT. BARO.	
1.	Enid Field, Enid, Okla.	AAF	Jan 42	Dec 43	N 36 20	W 097 50	1281	1290	24
2.	Same	same	Jan 44	Jan 47	same	same	1281	1293	24
3.	Vance AFB, Okla.	AFB	Oct 48	Sep 49	N 36 21	W 097 55	1290	1287	24
4.	Same	same	Oct 49	Mar 53	same	same	same	same	24
5.	Same	same	Apr 53	Mar 57	same	same	same	same	24
6.	Same	same	Apr 57	Mar 59	same	same	1307	1290	24
7.	Same	same	Apr 59	Oct 60	same	same	same	1287	24
8.	Same	same	Nov 60	DEC 74	same	same	same	same	10-18
9.	Same	same	Jan 75	Nov 75	same	same	same	same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Jan 42	Locate SE corner of Bldg 81.	Anemometer	none	35ft	
2.	Sep.43	Same	Selsyn	ML-144	35ft	
3.	Oct 48	Located on top of Base Operations Building.	same	same	38ft	
4.	Apr 53	Same	same	same	same	
5.	Feb 59	Located 1850ft WSW of Weather Station	AN/GMQ 11	RO-2	13ft	

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	
6.	Apr 68	Located 580ft from centerline of Rnwy 35C.	same	same	same	
7.	Jan 71	Same	AN/GMQ 20	RO-362	same	
8.	NOV 75	Same	same	same	same	

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-75 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	3.8	1.4	4.3		9.2	12.0	1.2	1.1	.5	14.5	19969
FEB		.2	4.9	.9	3.9		9.4	14.3	1.7	.5	1.3	17.4	17455
MAR		.5	6.2	.3	2.6	.0	8.9	10.1	1.7	.4	2.4	14.2	19018
APR		1.6	6.6	.1	.2	.0	6.8	6.0	1.4		1.8	9.0	18466
MAY		2.9	6.6		.0	.0	6.6	4.8	1.2		.4	6.3	18693
JUN		2.9	4.5			.0	4.5	2.7	1.0		.4	4.1	19084
JUL		2.2	3.6			.0	3.6	1.6	1.2		.1	2.8	19502
AUG		2.1	3.6			.0	3.6	2.3	1.2		.2	3.5	19988
SEP		1.4	5.0			.0	5.0	4.9	.9		.5	6.1	19155
OCT		.8	5.4		.0	.0	5.4	5.7	1.0		.5	7.0	19555
NOV		.4	4.4	.1	1.1		5.5	7.3	1.2	.1	.5	9.0	19142
DEC		.1	4.3	1.2	2.4		7.7	12.5	1.3	.4	.5	14.6	18480
TOTALS		1.3	4.9	.3	1.2	.0	6.4	7.0	1.3	.2	.8	9.0	228507

AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		4.3	2.1	3.0		9.0	10.7	.2	1.1		12.1	1757
	03-05	.1	4.9	1.7	4.6		10.9	12.6	.4	1.2	.1	14.0	2220
	06-08	.0	4.0	1.6	4.4		9.7	16.0	1.2	1.2	.3	18.2	2753
	09-11		3.3	1.1	5.8		10.1	15.7	1.9	1.1	.4	18.9	2945
	12-14	.1	3.7	1.2	5.6		10.0	11.8	1.4	1.4	1.2	15.4	2951
	15-17	.1	3.8	.9	4.5		8.8	10.4	1.7	1.2	1.0	14.1	2922
	18-20	.0	3.5	1.1	3.3		7.9	9.6	1.9	.8	.5	12.6	2456
	21-23	.1	3.1	1.3	3.1		7.4	9.4	.9	.8	.1	10.9	1965
TOTALS		.1	3.8	1.4	4.3		9.2	12.0	1.2	1.1	.5	14.5	19969

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WEATHER CONDITIONS

13909	VANCE AFB OKLAHOMA/ENID	42-46,49-75	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.3	4.9	1.4	3.3		9.4	14.6	1.1	.3	1.3	17.1	1530
	03-05	.3	5.3	1.2	3.5		9.6	15.6	.5	.3	.5	16.8	1932
	06-08	.2	5.9	.8	4.3		10.6	19.2	1.2	.8	.5	21.2	2406
	09-11		5.1	.8	5.1		10.7	18.2	2.2	.7	1.0	21.8	2594
	12-14		4.2	.5	4.1		8.4	13.2	2.5	.8	2.1	18.3	2595
	15-17	.1	4.4	.7	3.4		8.2	10.5	2.2	.8	2.0	15.2	2555
	18-20	.3	4.6	.8	3.		8.7	10.5	1.9	.1	1.3	13.7	2150
	21-23	.4	5.1	.9	3.8		9.7	12.2	1.7	.2	1.4	15.4	1693
TOTALS		.2	4.9	.9	3.9		9.4	14.3	1.7	.5	1.3	17.4	17455

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.9	7.9	.2	2.2	.1	10.2	9.9	.4	.2	2.0	12.4	1619
	03-05	.5	7.1	.5	2.4		9.9	12.0	.4	.3	1.7	14.4	2076
	06-08	.4	6.4	.6	3.4		10.0	16.8	1.9	.4	1.1	19.5	2630
	09-11	.1	5.7	.4	3.9	.0	9.6	13.0	3.0	.5	1.9	17.7	2835
	12-14	.4	5.1	.1	3.0		8.1	8.1	2.5	.4	3.4	14.3	2821
	15-17	.3	5.7	.1	2.3	.0	8.0	6.8	2.1	.4	4.3	13.4	2781
	18-20	.7	5.7	.2	1.8		7.6	6.9	2.3	.3	2.4	11.7	2357
	21-23	.8	6.2	.2	1.5		7.8	7.3	.8	.3	2.1	10.5	1899
TOTALS		.5	6.2	.3	2.6	.0	8.9	10.1	1.7	.4	2.4	14.2	19018

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.0	7.4	.2	.2		7.7	4.6	.4		.8	5.7	1622
	03-05	1.6	6.6		.2		6.7	8.2	.6		.6	9.4	2053
	06-08	1.3	6.5		.3		6.8	11.4	2.1		.7	14.1	2547
	09-11	.5	6.7		.2		6.8	7.6	2.1		2.0	11.6	2720
	12-14	1.0	6.4		.2	.0	6.6	5.4	1.4		3.0	9.5	2720
	15-17	1.4	6.1		.1		6.1	4.2	1.6		3.2	8.9	2685
	18-20	2.2	6.1		.0		6.2	3.4	1.3		2.6	7.3	2275
	21-23	2.8	6.9	.2	.1	.2	7.1	2.9	1.3		1.2	5.5	1844
TOTALS		1.6	6.6	.1	.2	.0	6.8	6.0	1.4		1.8	9.0	18466

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	5.1	8.1				8.1	4.5	.7		.5	5.7	1659
	03-05	3.2	7.7				7.7	8.6	.8		.1	9.5	2071
	06-08	1.9	7.4		.0		7.5	11.5	1.9		.1	13.1	2572
	09-11	.8	5.6			.0	5.6	4.7	1.8		.6	6.8	2730
	12-14	1.1	5.1				5.1	2.3	1.4		.8	4.4	2729
	15-17	2.6	5.8			.0	5.8	2.1	.8		.7	3.6	2692
	18-20	3.7	6.0			.1	6.0	2.1	1.4		.1	3.6	2315
	21-23	4.9	6.8				6.8	2.5	1.0		.1	3.6	1925
TOTALS		2.9	6.6		.0	.0	6.6	4.8	1.2		.4	6.3	18693

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS.

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	4.4	6.0				6.0	2.8	.3		.3	3.4	1744
	03-05	4.3	6.6				6.6	6.6	.6		.2	7.2	2091
	06-08	2.1	6.4				6.4	7.7	2.1		.2	9.2	2611
	09-11	1.4	3.3				3.3	2.3	1.4		.5	4.1	2765
	12-14	1.2	3.0				3.0	.7	1.0		.7	2.4	2765
	15-17	2.5	2.9			.1	2.9	.3	.8		.7	1.8	2715
	18-20	3.6	3.8				3.8	.5	1.2		.5	2.2	2366
	21-23	3.7	4.1				4.1	1.0	.8		.3	2.1	2027
TOTALS		2.9	4.5			.0	4.5	2.7	1.0		.4	4.1	19084

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WEATHER CONDITIONS

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.6	3.1				3.1	.7	.8		.1	1.5	1801
	03-05	3.6	5.1				5.1	4.2	1.2			5.2	2165
	06-08	1.7	5.0				5.0	5.1	2.4			7.1	2646
	09-11	1.2	4.2				4.2	1.4	1.3		.0	2.6	2812
	12-14	.9	3.2				3.2	.2	1.1			1.4	2813
	15-17	2.3	2.8			.1	2.8	.2	.9		.4	1.5	2770
	18-20	2.8	3.1			.1	3.1	.5	1.0		.2	1.7	2418
	21-23	2.6	2.6				2.6	.3	1.0		.2	1.5	2077
TOTALS		2.2	3.6			.0	3.6	1.6	1.2		.1	2.8	19502

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.9	3.8				3.8	1.2	.2			1.4	1778
	03-05	2.8	4.3				4.3	3.5	.5		.0	4.0	2201
	06-08	2.0	5.0				5.0	7.2	2.7		.1	9.5	2744
	09-11	1.1	3.8				3.8	2.7	1.6		.3	4.4	2930
	12-14	1.1	3.0				3.0	1.2	1.4		.2	2.6	2928
	15-17	2.4	3.3			.0	3.3	.8	1.3		.4	2.4	2866
	18-20	2.6	3.0				3.0	.8	1.2		.5	2.5	2470
	21-23	1.6	2.6				2.6	.7	.5		.1	1.3	2071
TOTALS		2.1	3.6			.0	3.6	2.3	1.2		.2	3.5	19988

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.7	3.8				3.8	3.4			.1	3.5	1757
	03-05	2.4	6.4				6.4	7.3	.5		.1	7.8	2134
	06-08	1.5	7.7				7.7	12.8	2.3		.2	14.6	2606
	09-11	.8	5.7				5.7	6.8	1.4		.4	8.4	2778
	12-14	.7	4.6				4.6	3.0	1.3		1.2	5.3	2790
	15-17	1.7	4.4				4.4	1.8	.9		1.2	3.8	2728
	18-20	1.5	3.8				3.8	1.9	.8		.6	3.4	2359
	21-23	1.1	3.6			.0	3.6	1.8	.3		.0	2.2	2003
TOTALS		1.4	5.0			.0	5.0	4.9	.9		.5	6.1	19155

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.2	5.6			.1	5.6	6.0	.3		.3	6.6	1813
	03-05	1.1	6.4				6.4	9.1	.3		.0	9.4	2175
	06-08	.6	6.4				6.4	11.7	1.7		.1	12.8	2671
	09-11	.6	6.1		.0	.0	6.1	6.7	1.8		.7	8.8	2839
	12-14	.3	4.9		.0		4.9	3.6	1.2		1.4	6.0	2843
	15-17	.6	5.0		.0	.0	5.0	3.0	1.2		.9	5.0	2793
	18-20	.9	4.6		.0		4.6	2.6	1.3		.3	4.1	2418
	21-23	1.0	3.9		.1		4.0	3.1	.1		.3	3.5	2003
TOTALS		.8	5.4		.0	.0	5.4	5.7	1.0		.5	7.0	19555

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 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	.6	4.7		1.1		5.8	6.8	.4	.2	.1	7.3	1711
	03-05	.5	4.4	.0	1.1		5.6	8.3	.3	.1	.2	8.8	2115
	06-08	.3	4.9	.3	1.1		6.0	10.6	1.5	.1	.3	12.2	2596
	09-11	.4	5.6	.1	1.2		6.6	9.7	2.1		.8	12.3	2824
	12-14	.1	4.5		.9		5.3	6.6	1.9		1.3	9.6	2832
	15-17	.5	4.1		.9		5.0	6.1	1.8	.1	1.1	9.1	2796
	18-20	.3	4.2	.1	1.0		5.2	5.6	.9	.1	.3	7.0	2357
	21-23	.2	3.1	.1	1.3		4.5	4.9	.3	.2	.2	5.6	1911
TOTALS		.4	4.4	.1	1.1		5.5	7.3	1.2	.1	.5	9.0	19142

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13909	VANCE AFB OKLAHOMA/ENID	42-46,48-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	4.0	1.7	1.7		7.4	12.1	.5	.4	.6	13.6	1674
	03-05	.1	3.9	2.0	1.8		7.7	13.9	.5	.2	.3	14.9	2027
	06-08	.2	4.2	1.5	2.6		8.1	15.9	1.8	.5	.1	18.0	2533
	09-11	.1	4.3	1.1	2.9		7.9	15.8	2.1	.5	.3	18.4	2758
	12-14	.1	4.7	.9	3.0		8.2	11.7	1.7	.6	.8	14.4	2769
	15-17	.1	4.7	.7	3.2		8.3	10.8	1.8	.4	.6	13.5	2708
	18-20	.1	4.3	.9	2.3		7.4	9.9	1.5	.4	.3	12.1	2197
	21-23	.1	4.3	.9	1.9		6.9	10.2	.6	.4	.7	11.9	1814
TOTALS		.1	4.3	1.2	2.4		7.7	12.5	1.3	.4	.5	14.6	18460

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

S74-29960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

xxWEATHER CONDITIONSx
xxxxxxxxxxxxxxxxxxxxxxxxxxxx
ATMOSPHERIC PHENOMENA

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 46-75 YEARS | ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.8	18.8	5.2	15.7		28.1	29.8	5.9	3.5	.5	32.9	866
FEB		2.2	20.3	4.5	13.7	.4	28.3	33.1	7.5	2.5	1.1	36.4	761
MAR		5.1	24.0	1.6	10.2	1.0	29.7	28.1	10.5	1.2	1.0	32.5	816
APR		13.0	31.0	.4	1.8	2.1	31.4	19.2	7.1	.1	.5	23.4	791
MAY		20.6	36.5			1.7	36.4	20.5	6.9		.1	23.2	825
JUN		23.3	32.5			.6	32.0	13.9	5.4		.5	16.6	820
JUL		18.4	28.4			.6	27.6	10.1	3.6		.7	12.8	833
AUG		17.5	26.9			.4	26.3	11.9	6.5		.9	16.2	856
SEP		12.0	26.9			.4	26.4	20.6	6.8		.5	23.5	814
OCT		7.1	21.8		.4	.7	21.7	17.9	5.6		.1	20.0	842
NOV		2.5	16.2	.6	5.5		19.3	20.0	4.0	1.0	.7	22.9	820
DEC		1.1	18.8	3.0	9.2		23.0	25.9	5.5	1.1	.2	28.7	906
TOTALS		10.3	25.2	1.3	4.7	.7	27.5	20.9	6.3	.8	.6	24.1	9860

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

74-29961

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13909 — STATION
VANCE AFB OKLAHOMA/ENID — STATION NAME
42-75 — 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	69.2	14.7	3.1	3.5	3.0	3.2	1.6	1.0	.5					16.1	986	.88	3.25	.00
FEB	67.8	16.5	1.2	3.3	2.7	4.2	2.5	1.3	.7					15.8	857	1.00	4.09	.00
MAR	68.5	13.1	.2.2	3.5	2.7	3.2	2.8	3.2	.8					18.4	924	1.99	8.01	.00
APR	63.9	13.7	1.6	4.5	1.9	4.6	4.5	3.1	2.0	.2				22.4	893	2.47	8.10	.03
MAY	56.9	17.3	2.3	4.0	3.2	3.9	4.0	4.0	3.8	.2	.1			25.7	916	3.76	15.98	.11
JUN	61.2	13.3	1.1	4.9	3.1	4.7	4.3	4.1	3.1	.3				25.3	937	3.32	7.91	.08
JUL	67.0	12.3	1.7	3.0	2.7	4.1	3.7	2.9	2.2	.2	.2			20.7	955	2.88	12.12	.07
AUG	67.6	12.3	1.4	3.7	1.6	4.4	2.9	3.6	2.2	.2				20.0	973	2.56	6.76	.33
SEP	67.1	12.2	1.3	4.5	1.7	3.5	3.4	3.1	2.5	.6				20.8	930	2.99	6.94	.48
OCT	73.2	11.0	.8	1.8	1.8	2.9	3.5	3.0	1.9		.1			15.8	961	2.28	10.56	TRACE
NOV	76.7	9.0	1.8	3.7	1.9	2.0	1.5	1.9	1.3	.2				14.9	945	1.48	4.72	TRACE
DEC	70.4	15.2	1.8	2.9	3.4	2.3	2.5	1.1	.4					14.4	930	.88	2.68	TRACE
ANNUAL	67.5	13.4	1.7	3.6	2.5	3.6	3.1	2.7	1.8	.2	.0			19.2	11282	26.09		

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

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

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13909 STATION — VANCE AFB, OKLAHOMA/ENID STATION NAME — 42-75 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42	* .00	* .00	* .00	* 2.51	.53	1.26	.17	2.60	1.98	1.28	.13	.44	2.60
43	.04	.64	.25	.40		.95	2.40	.51	.21	.47	.06	1.06	
44	.35	.39	1.00	.91	1.04	1.44	.85	.89	3.77	.67	2.80	1.56	3.77
45	.23	.24	.87	2.09	.42	1.39	1.00	.88	1.58	.20	TRACE	.06	3.09
46	.49	1.00			* .60	.95	.10	2.87	1.56	1.05	1.09	.94	
47	1.20												
48										* .49	2.05	.07	
49	1.47	2.48	.80	.80	1.41	1.18	.89	.55	2.31	.69	TRACE	.41	2.48
50	.12	.19	.20	.32	1.70	1.28	5.68	1.11	.77	.31	.86	.07	5.68
51	.20	.80	.48	1.15	1.40	3.10	1.79	.26	.88	.62	1.06	.01	3.10
52	.36	.75	.71	.86	1.08	.98	.10	1.54	.69	TRACE	.00	.46	1.54
53	.10	.55	.86	1.22	1.19	2.48	1.98	.87	.70	.42	.76	1.07	2.48
54	.50	.23	.71	1.40	2.12	.09	.11	1.48	.18	.07	TRACE	.19	2.12
55	.45	1.35	.48	.20	2.15	2.08	1.00	.79	1.23	2.29	.18	TRACE	2.29
56	.04	.38	.68	.40	.68	1.32	.87	.61	.54	1.04	.32	.36	1.32
57	.69	.33	.73	1.19	6.79	1.92	2.12	.33	3.56	.28	.88	.35	6.79
58	.55	.29	1.03	.68	.29	1.97	1.42	1.30	.15	.37	.07	.38	1.97
59	.17	.16	.62	1.44	1.39	1.26	.99	.72	2.09	1.93	.06	.02	2.09
60	.92	1.06	.35	.22	2.09	1.36	2.71	2.67	1.47*	1.78*	TRACE*	.07	2.71
61	*TRACE	*TRACE	*TRACE*	.02*	1.66*	1.17*	1.88*	1.98*	2.30*	1.85*	2.87*	.76	* 2.87
62	* .66	* .18	* .93*	.82*	.37*	1.97*	1.30*	1.15*	1.38*	* .66	* .87*	.66	* 1.97
63	* .10	* .07	* .96*	1.38*	.76*	4.27*	5.88*	1.18*	1.16*	2.87*	* .96*	.30	* 5.88
64	* .24	* .22	* .34*	* .68*	3.68*	* .04*	* .07*	* .63*	* .32	* .16*	2.00*	.36	* 3.68
65	* .23	* .34	* .18*	* .72*	* .21*	* .04*	* .48*	* .21*	* .93	* .56*	TRACE*	.09	* .93
66	* .28	* .48	TRACE	* .96*	* .11	1.14*	* .70*	* .48*	* .48*	* .66*	TRACE*	.80	1.14
67	* .13	* .08	* .06*	1.90*	* .00	1.28*	1.25	1.18	1.18	* .46*	* .07*	.10	* 1.28
68	* .17	* .10	* .22	1.52*	1.58	1.06*	* .00	1.97*	* .38	1.05*	1.64*	* .70	1.97
69	* .40	* .74	1.27	2.28*	1.62	2.14*	* .37	* .68*	2.92	* .58*	* .91*	* .65	* 2.92
70	* .07	* .10	* .93	1.98*	1.28	* .92*	1.17	1.69*	2.58	* .60*	* .08*	* .72	* 2.58
71	* .67	* 1.49	* .01	* .99*	* .02	1.68*	1.81	* .36*	2.01*	1.07	1.68*	1.39	* 2.01
MEAN													
S. D.													
TOTAL OBS.													

NOTE: * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	* .18*	.36	.05	1.68*	1.40	1.07*	1.10	.90*	.52*	1.52*	.88*	.35	1.68
73	* 1.19*	.20*	2.00	.86*	.80	1.06*	1.67	1.67*	2.32*	9.30*	1.28*	.70	* 9.30
74	* .61*	1.83	1.62	1.61	1.66	.98	.69	2.12	9.31	1.07	2.08	.72	9.31
75	1.90	.92	.75	.36	2.28	1.18	.38	.50	.39	.48	1.13		
MEAN	.446	.567	.619	1.049	1.413	1.074	1.311	1.140	1.486	1.119	.773	.685	2.975
S.D.	.436	.572	.490	.721	1.249	.794	1.368	.708	1.084	1.378	.834	.599	1.848
TOTAL OBS.	986	857	924	893	916	887	959	973	930	981	966	930	11288

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42	* .00*	.00*	.00*	3.37	.95	4.75	.33	5.88	5.73	2.50	.24	1.60	*25.35
43	.05	.64	.65	1.11		1.77	3.65	.54	.65	1.13	.06	2.65	
44	.93	.73	2.85	3.39	1.88	3.28	2.68	2.66	4.35	1.69	4.72	2.13	31.05
45	.55	.75	2.45	8.10	1.05	2.93	3.77	1.66	5.55	.38	TRACE	.14	27.13
46	1.29	1.85			* .88	1.61	.20	2.94	2.50	2.01	2.15	1.12	
47	1.32												
48									* .49	3.71	.13		
49	5.25	4.09	1.43	2.33	3.00	2.64	1.39	.99	3.99	2.56	TRACE	.48	30.35
50	.45	.35	.28	.33	5.17	2.59	12.12	3.65	1.28	.31	.44	.08	27.41
51	.53	2.35	1.22	3.34	6.79	7.63	2.53	.78	3.65	3.96	2.09	.01	34.84
52	.65	.98	1.88	2.37	2.16	1.23	.23	4.47	.65	TRACE	1.88	1.08	17.53
53	.11	1.49	1.73	1.95	2.74	4.06	5.36	2.10	.75	1.40	1.07	1.27	30.00
54	.50	.31	.92	2.80	4.27	1.86	.19	4.20	.42	1.85	TRACE	.34	17.86
55	.83	1.83	.95	1.00	12.92	5.24	2.00	1.74	4.45	3.99	.19	TRACE	35.00
56	.10	1.48	.71	.74	1.99	2.82	.79	1.48	.84	1.81	.34	.30	13.30
57	.99	1.17	3.26	5.47	15.95	7.81	3.26	.87	6.14	1.51	2.04	.30	48.01
58	.75	.52	3.84	1.90	.53	4.81	3.14	4.14	.39	.38	.98	.67	22.84
59	.32	.31	1.20	2.88	5.29	2.67	1.99	1.28	6.94	7.18	.11	1.69	31.86
60	1.60	3.05	1.52	.69	5.56	2.12	6.73	6.76	2.39*	4.00*	TRACE*	.15	*34.63
61	*TRACE	*TRACE	*TRACE*	.03*	4.54*	5.10*	3.09*	3.38*	5.98*	3.80*	3.65*	1.05	*90.02
62	* 1.52*	.13*	.97*	1.95*	.44*	5.78*	4.06*	1.29*	3.61*	2.49*	.86*	1.40	*84.66
63	* .14*	.07*	1.37*	1.87*	1.59*	6.16*	10.95*	2.67*	2.00*	2.34*	1.42*	.49	*90.39
64	* .24*	.34*	.40*	.46*	5.58*	1.45*	.07*	.69*	.89	.25*	4.54*	.32	*16.99
65	* .59*	.77	.46*	.89*	.24*	.08*	.70*	.35*	1.30	.56*	TRACE*	.13	* 6.17
66	* .68*	.87	TRACE	1.01*	.11	1.91*	1.08*	2.36*	.89*	.88*	TRACE*	.93	*10.25
67	* .13*	.10	.20*	2.43*	1.54	3.21*	3.18	1.23*	2.45	.97*	.12*	.48	*16.04
68	* .49*	.20	.30	2.44*	3.52	1.56*	1.44	6.08*	.93	1.42*	4.17*	1.02	*23.99
69	* .49*	1.77*	3.44	5.19*	5.62	4.64*	.60	3.38*	4.49	1.72*	.02*	1.03	*32.38
70	* .14*	.10	2.69	5.20*	1.34	1.77*	2.31	2.99*	4.18	.99*	.05*	.60	*22.49
71	* 1.11*	1.86	.01	1.94*	1.28	3.37*	2.46	.68*	4.82*	3.46*	1.71*	1.92	*24.36
MEAN													
S. D.													
TOTAL OBS.												70	

NOTE * (BASED ON < FULL MONTHS)

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

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

RECORDED VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

12909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 4265 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	*.28	*.54	.09	3.07*	2.82	2.74*	3.16	2.99*	1.39*	4.34*	2.09*	1.05	*26.52
73	*3.30	*.42	*8.61	3.98*	1.64	3.24*	6.27	1.99*	5.44*	10.56*	2.39*	1.27	*49.05
74	*.86	*2.39	3.26	3.52	5.94	2.12	1.17	3.27	6.48	4.27	3.68	1.98	*41.04
75	2.82	2.21	2.91	.69	7.03	3.27	1.60	1.14	.02	.48	2.49		
MEAN	.879	1.053	1.592	2.472	3.756	3.334	2.882	2.357	2.989	2.581	1.425	.879	26.600
S.D.	1.060	.999	1.742	1.782	3.568	1.838	2.805	1.788	2.148	2.191	1.328	.704	10.112
TOTAL OBS.	986	857	924	892	916	937	958	972	930	981	946	930	11228

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

13909 — STATION
VANCE AFB OKLAHOMA/ENID — STATION NAME
46-75 — 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	81.9	11.1	2.7	2.1	1.2	.3	.1	.6	1					7.0	867	3.0	17.4	.0
FEB	86.0	7.9	1.8	1.7	.9	.8	.3	.3	.3					6.1	797	2.9	13.7	.0
MAR	89.5	6.7	1.6	.9	.5	.4	.2	.2						5.8	816	1.6	12.1	.0
APR	98.1	1.5	.1	.1		.1								.4	791	.2	3.2	.0
MAY	100.0														826	.0	.0	.0
JUN	100.0														820	.0	.0	.0
JUL	100.0														833	.0	.0	.0
AUG	100.0														836	.0	.0	.0
SEP	100.0														814	.0	.0	.0
OCT	99.8	.2													837	TRACE	TRACE	.0
NOV	94.2	3.9	.7	.2	.6	.1	.2							1.9	829	.8	5.6	.0
DEC	88.8	7.7	.7	1.4	.9	.1	.1	.2						3.5	806	1.5	8.5	.0
ANNUAL	96.9	3.2	.6	.5	.3	.1	.1	.1	.0					1.9	9872	10.0		

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

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 46-75 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE	1.2			* .0	.0	.0	.0	.0	.0	TRACE	TRACE	
47	9.0												
48										* .0	3.3	TRACE	
49	5.9	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	5.9
50	1.0	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	2.0
51	1.5	3.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	1.5	.1	3.4
52	3.6	5.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	2.1	5.5
53	1.0	2.9	TRACE	.2	.0	.0	.0	.0	.0	.0	2.0	TRACE	2.9
54	1.2	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.2
55	2.0	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	1.5	TRACE	2.0
56	.2	3.8	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.8
57	.4	.4	.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.0	.4
58	.5	2.1	3.0	.0	.0	.0	.0	.0	.0	.0	.4	4.6	4.6
59	2.0	1.6	3.0	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	3.0
60	1.6	5.9	3.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.9
61	* .0	* .0	TRACE	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	2.0	* 2.0
62	* 6.0	TRACE	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	3.2	* 6.0
63	TRACE	TRACE	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	5.0	* 5.0
64	TRACE	TRACE	TRACE	* .0	* .0	* .0	* .0	* .0	* .0	* .0	TRACE	1.3	* 1.2
65	* 1.0	1.2	1.0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	1.2	* 1.2
66	* 2.8	2.2	.0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	TRACE	2.0	* 2.8
67	* 1.0	.8	TRACE	* .0	* .0	* .0	* .0	* .0	* .0	* .0	TRACE	.8	* 1.0
68	TRACE	2.0	2.2	* .0	* .0	* .0	* .0	* .0	* .0	* .0	1.0	.2	2.2
69	TRACE	.2	.5	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	2.1	* 2.1
70	* .0	TRACE	6.0	1.0	* .0	* .0	* .0	* .0	* .0	* .0	TRACE	TRACE	6.0
71	TRACE	9.6	.0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	1.0	1.9	* 9.6
72	* 2.0	3.3	.0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	3.3	3.3	* 3.3
73	* 3.0	1.0	.0	3.2	* .0	* .0	* .0	* .0	* .0	* .0	TRACE	.4	3.2
74	* .1	.2	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	3.1
75	5.4	8.0	3.0	.0	.0	.0	.0	.0	.0	.0	1.7		
MEAN	1.79	2.00	1.05	.16	.00	.00	.00	.00	.00	TRACE	.66	1.17	3.69
S.D.	2.247	2.562	1.353	.637	.000	.000	.000	.000	.000	.000	1.146	1.469	2.183
TOTAL OBS.	861	757	816	791	820	820	853	850	814	837	829	806	9873

NOTE: * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

12909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 46-75 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE	1.2			* .0	.0	.0	.0	.0	.0	TRACE	TRACE	
47	9.8												
48										* .0	3.3	TRACE	
49	17.4	TRACE	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	18.3
50	1.0	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	3.6
51	1.5	5.1	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	2.1	.1	8.8
52	6.5	6.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	2.1	15.0
53	2.0	4.6	TRACE	.2	.0	.0	.0	.0	.0	.0	2.0	TRACE	8.8
54	1.4	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.9
55	2.0	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	1.5	TRACE	4.9
56	.4	9.2	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	10.2
57	.9	.4	.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.0	1.9
58	.8	2.4	7.4	.0	.0	.0	.0	.0	.0	.0	.5	8.5	19.6
59	2.3	1.6	3.0	TRACE	.0	.0	.0	.0	.0	.0	.4	TRACE	7.3
60	3.9	10.4	4.5	.0	.0	.0	.0	.0	.0	* .0	* .0	TRACE * TRACE	* 18.8
61	* .0*	.0*	TRACE *	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.0	* 2.0
62	* 13.9*	TRACE *	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.2	* 15.7
63	*TRACE*	TRACE *	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	5.7	* 5.7
64	*TRACE*	TRACE *	TRACE *	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE *	1.3	* 1.3
65	* 2.0*	1.3	1.0	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0	* 4.3
66	* 5.1*	3.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	TRACE *	4.8	* 12.9
67	* 1.0*	.8	TRACE	.0*	.0	.0*	.0	.0*	.0	.0*	TRACE *	1.9	* 3.7
68	*TRACE*	3.7	2.9	.0*	.0	.0*	.0	.0*	.0	.0*	1.0*	.2	* 7.8
69	*TRACE*	.4*	.8	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	2.1	* 3.3
70	* 1.2*	TRACE	13.1	1.0*	.0	.0*	.0	.0*	.0	.0*	TRACE *	TRACE	* 15.3
71	*TRACE*	9.9	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	3.9*	2.5	* 16.3
72	* 3.0*	5.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	5.0*	3.3	* 17.1
73	* 6.3*	1.0*	.0	3.2*	.0	.0*	.0	.0*	.0*	.0*	TRACE *	.4	* 11.1
74	* .1*	.2	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	* 3.6
75	5.4	13.7	5.1	.0	.0	.0	.0	.0	.0	.0	1.7		
MEAN	3.02	2.86	1.65	.14	.00	.00	.00	.00	.00	TRACE	.76	1.50	9.83
S.D.	4.252	3.824	1.958	.637	.000	.000	.000	.000	.000	.000	1.376	2.084	6.012
TOTAL OBS.	867	757	816	791	826	820	838	856	814	837	829	806	9872

NOTE: * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE-FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13909 — STATION
VANCE AFB OKLAHOMA/ENID — STATION NAME
42-79 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	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	79.3	.8	5.2	2.6	1.7	2.4	.3							12.2	980			
FEB	86.4	6.1	2.5	1.8	1.2	1.4	.6							7.9	868			
MAR	93.2	3.0	1.4	.9	.6	.9								2.7	936			
APR	99.6	.3	.1											.1	911			
MAY	100.0														918			
JUN	100.0														940			
JUL	100.0														937			
AUG	100.0														980			
SEP	100.0														924			
OCT	100.0														949			
NOV	96.9	2.0	.5	.4	.1	.1								1.2	954			
DEC	87.9	6.1	1.8	2.2	.9	1.1								5.9	929			
ANNUAL	95.3	2.2	1.0	.7	.4	.5	.1							2.8	11293			

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

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

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42	* 0	0	* 0	0	0	0	0	0	0	0	TRACE	4	4
43	TRACE	0	* 1	0		0	0	0	0	0	* 6		
44	4	TRACE	5	0	0	0	0	0	0	0	0	TRACE	5
45	2	3	1	0	0	0	0	0	0	0	0	TRACE	3
46	0	* 1	0	*	0	0	0	0	0	0	0	0	
47	7												
48										* 0	3	0	
49	6	1	TRACE	0	0	0	0	0	0	0	0	2	6
50	TRACE	0	1	0	0	0	0	0	0	0	0	TRACE	1
51	TRACE	6	0	0	0	0	0	0	0	0	2	TRACE	6
52	3	3	TRACE	0	0	0	0	0	0	0	TRACE	2	3
53	1	2	0	TRACE	0	0	0	0	0	0	2	TRACE	2
54	1	0	1	0	0	0	0	0	0	0	5	1	5
55	1	TRACE	1	0	0	0	0	0	0	0	0	2	2
56	TRACE	5	TRACE	0	0	0	0	0	0	0	0	TRACE	5
57	TRACE	1	TRACE	TRACE	0	0	0	0	0	0	0	0	1
58	1	2	3	0	0	0	0	0	0	0	1	6	6
59	4	2	2	0	0	0	0	0	0	0	TRACE	0	4
60	2	6	5	0	0	0	0	0	0	0	0	0	6
61	* 0	* TRACE	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 0	1	* 1
62	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	2	* 3
63	* TRACE	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	4	* 4
64	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	1	* 1
65	* 1	* 2	TRACE	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 2
66	* 2	* 3	0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	3	* 3
67	* 1	* 1	0	* 0	* 0	* 0	* 0	* 0	* 0	* 2	* 0	1	* 2
68	* 0	* 3	2	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	2	
69	* TRACE	* 3	3	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	1	* 3
70	* 1	* 0	5	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 5
71	* 0	* 10	0	* 0	0	* 0	* 0	* 0	* 0	* 0	TRACE	1	* 10
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	* 2	* 5	0	0 *	0	0 *	0	0 *	0 *	0 *	1 *	4	* 12
73	* 5	* 0	0	1 *	0	0 *	0	0 *	0 *	0 *	0 *	4	* 10
74	* 1	* 1	2	0	0	0	0	0	0	0	TRACE	3	6
75	2	9	3	0	0	0	0	0	0	0	2		
MEAN	1.6	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.3	1.6	3.7
S. D.	1.968	2.685	1.614	.179	.000	.000	.000	.000	.000	.000	1.148	1.815	2.068
TOTAL OBS.	980	865	936	911	918	940	957	980	934	949	954	929	11853

NOTE * (BASED ON < FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

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

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

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

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

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

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

74-29982

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

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 45-75 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46	NNE 44	NW 40				N 58	NW 32	SE 39	NNE 55	SW 37	NW 44	SW 42	
47	WSW 49												
48												NW *54	
49	NNE*43	SSW*47	NNW*42		NW 49	S 40	ON 41	NNE 32	NW 49	SW 72	NW 49	SW 40	
50	SSW 38	SW 49	SW 31	NW 47	SE 56	SW 56	SW 38	NW 48	SE*27	SW 39	N 41	N *48	SSE 56
51	SSW*36	NNE*39	NW*49	SW 44	W *49	SW 78	NNE*40	NW 49	SW 30	NW 41	SW 38	NW 47	WSW 78
52	SSW 40	NW 40	SW 48	NW 49	SE 48	SW 59	NW 48	NE 47	NE 48	NW 36	NW 49	SW 34	WSW 59
53	NNE 42	NW 51	W 40	W 41	SW 50	N 46	NE 47	SE 49	SE 41	NW 32	SW 30	NW 36	N 69
54	NW 49	NW 51	SW 49	SW 40	W	SW 44	NW 38	SW 38	NE 49	SE 44	W 51		SSW 69
55	SSW 41	N 43	NE 48	NW 48	SW 50	NW 64	SW 38	NW 37	NW 38	NW 45	N 49	SW 46	NW 64
56	WNW 39	NW 52	NW 44	SE 54	SW 48	NE 39	W 50	SE 49	NW 48	SE 47	NW 42	NE 37	ESE 54
57	S 42	N 42	NW 43	NW 49	E 60	N 58	NW 57	NW 35	NW 48	NW 45	NW 48	NW*45	E 60
58	NNW 47	NW 56	NW 30	W 48	6	48	NW 48	NE 50	W 32	NE 44	NE 51	W 57	NE 37	W 57
59	WNW 44	W 54	NW 43	NW 43	N 48	S 40	NW 49	SE 38	SE 37	NE 40	NE 41	N 39	W 54	NNW 49
60	WNW 39	W 42	NW 42	NW 48	NW 41	NW 42	N 78	NE 34	NW 38	NW *50			
61													
62													
63					S *50				N *39	S *53			
64													
65											NW *29	S 36	
66	WNW 34	S 37	NW*31	S 48	SE 48	N 50	NW 34	W 54	NW 40	NE 39	N 44	W 54	NW 40	SW 43	NNW*51
67	WSW 42	N 45	W 38	S 49	W 34	W 29	N 27	E 31	N 58	N 55	N 34	NW 42	S 69
68	N 35	N 42	S 38	S 39	S 47	SE 40	84/ 38	18/ 38	84/ 50	53/ 50	17/ 46	29/ 45	33/ 50
69	36/ 42	32/ 37	38/ 49	29/ 42	15/ 54	17/ 38	3/ 30	4/ 34	4/ 44	20/ 44	19/ 46	33/ 58	33/ 58
70	22/ 39	36* 46	18/ 37	3/ 53	17/ 45	35/ 45	30/ 39	35/ 70	22/ 36	17/ 39	32/ 38	33/ 40	35/ 70
71	31/ 36	4/ 47	33/ 50	24/ 49	17/ 45	36	35*	18/ 30	84/ 40	4/ 30	33/ 32	29/ 33	33/ 50
72	1/ 42	19/ 32	18/ 37	34/ 32	39/ 39	20/ 38	60/ 40	35/ 40	8/ 32	21/ 30	39/ 38	32/ 32	30/ 60
7	35/ 40	34/ 48	19/ 35	21/ 49	29/ 40	18/ 39	3/ 48	2/ 29	35/ 50	28/ 56	18/ 41	18/ 49	28/ 56
	36/ 33	34/ 38	34/ 35	24/ 41	26/ 47	22/ 40	28/ 43	22/ 34	34/ 28	29/ 37	38/ 34	34/ 50	34/ 50
MEAN													
S. D.													
TOTAL OBS.													

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

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

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

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 45-75
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	1/ 53	1/ 40	14/ 40	14/ 47	22/ 46	06/ 52	10/ 39	1/ 38	1/ 40	29/ 35	27/ 50		
MEAN	41.4	43.9	42.2	40.7	45.0	41.0	42.7	40.0	41.0	41.9	41.8	42.0	38.0
S.D	5.140	5.351	6.206	6.343	6.834	11.197	11.282	9.333	8.241	9.710	6.353	6.706	8.115
TOTAL OBS.	698	594	658	625	664	678	699	704	686	720	668	687	8068

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

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-75 (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	.6	1.2	2.1	2.2	.9	.3	.0	.0				7.3	11.0
NNE	.5	1.0	1.9	1.6	.4	.1	.0					5.5	9.8
NE	.5	1.0	1.6	.9	.2	.0	.0	.0				4.3	8.5
ENE	.5	1.0	1.4	.6	.1	.0						3.5	7.7
E	.8	1.3	1.5	.4	.0	.0	.0					4.0	6.6
ESE	.8	1.5	1.7	.5	.0	.0	.0	.0				4.5	6.9
SE	.9	2.2	3.0	1.1	.1	.0	.0	.0				7.4	7.5
SSE	.9	2.4	4.3	2.9	.6	.1	.0	.0				11.2	9.2
S	1.0	2.5	5.4	5.5	1.7	.5	.0	.0				16.6	10.9
SSW	.4	1.1	3.0	3.4	1.3	.6	.0	.0				9.6	11.6
SW	.4	.8	1.3	1.0	.3	.1	.0	.0				3.7	9.5
WSW	.3	.5	.7	.4	.1	.0	.0	.0				2.0	8.7
W	.5	.7	.7	.3	.1	.1	.0	.0	.0			2.4	7.7
WNW	.4	.6	.8	.4	.2	.1	.0	.0	.0			2.6	9.4
NW	.4	.6	.9	.8	.3	.1	.0	.0				3.2	10.3
NNW	.4	.8	1.4	1.7	.8	.3	.0	.0				5.4	11.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.6	
	9.1	19.4	31.6	23.7	7.1	2.1	.3	.0	.0			100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 228083

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/E'TL (STATION NAME) 42-47,49-75 (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	.8	1.5	3.2	3.7	1.8	.8	.1	.0				12.0	12.1
NNE	.5	1.2	2.4	2.5	1.0	.3	.0					8.0	10.9
NE	.5	.9	1.3	.8	.2	.1						3.7	8.5
ENE	.4	.9	.9	.3	.0	.0						2.6	6.9
E	.7	.8	.9	.2	.0	.0						2.6	6.2
ESE	.5	.9	.9	.1	.0							2.5	6.1
SE	.7	1.6	1.8	.5	.0							4.6	6.8
SSE	.7	1.7	3.2	1.8	.3	.0						7.6	8.7
S	1.0	2.6	4.1	3.9	1.2	.5	.0					13.3	10.3
SSW	.6	1.1	2.5	2.4	1.1	.6	.0					8.0	11.2
SW	.5	.9	1.6	.9	.3	.1		.0				4.4	9.2
WSW	.5	.7	.7	.5	.2	.0						2.5	8.2
W	.8	1.2	1.0	.5	.1	.0	.0	.0				3.8	7.3
WNW	.6	.9	1.2	.5	.2	.1	.0	.0				3.5	8.5
NW	.9	1.2	1.3	1.1	.5	.2	.0	.0				5.2	9.3
NNW	.6	.8	2.0	2.5	1.4	.6	.1	.0				8.0	12.7
VARBL													
CALM												7.9	
	10.2	19.0	29.0	22.2	8.2	3.1	.4	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 19966

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	2.9	3.9	1.7	.6	.1					11.2	12.0
NNE	.5	1.2	2.3	2.3	.7	.2	.0					7.2	10.6
NE	.4	1.1	1.7	1.2	.1	.0		.0				4.7	8.8
ENE	.5	.9	1.1	.5	.0	.0						3.0	7.3
E	.5	1.1	1.6	.3	.0							3.4	7.0
ESE	.4	1.2	1.4	.4	.0							3.6	7.3
SE	.5	1.6	2.3	.8	.1	.0	.0					5.4	7.9
SSE	.5	1.6	3.1	2.1	.6	.1	.0					7.9	9.8
S	.5	1.8	4.2	3.8	1.3	.3	.0					11.9	10.9
SSW	.3	.9	2.4	2.3	1.3	.5	.1					7.8	12.3
SW	.3	.7	1.2	.9	.2	.0						3.3	9.2
WSW	.3	.6	1.0	.5	.1	.0	.0					2.5	8.3
W	.4	.9	1.0	.3	.1	.1	.0					2.8	7.8
WNW	.4	.8	.9	.6	.4	.2	.1	.0				3.5	11.2
NW	.4	.9	1.2	1.2	.5	.2	.0	.0				4.5	10.8
NNW	.5	1.2	2.3	3.2	1.8	.8	.1	.0				9.8	12.9
VARBL													
CALM												7.4	
	7.1	17.9	30.4	24.3	9.1	3.1	.6	.1				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 17451

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.6	3.4	1.5	.7	.1	.0				9.9	12.6
NNE	.3	.9	2.3	2.3	.6	.2	.0					6.7	11.0
NE	.3	1.0	1.7	1.4	.3	.1	.0					5.0	9.8
ENE	.3	1.1	1.8	1.1	.2	.0						4.6	8.8
E	.5	1.5	1.9	.6	.0							4.6	7.2
ESE	.5	1.4	2.0	.5	.1	.0						4.5	7.5
SE	.5	1.3	2.7	1.2	.2	.1						6.0	8.8
SSE	.5	1.4	2.7	2.8	1.0	.3	.1	.0				8.9	11.0
S	.4	1.4	2.8	3.9	2.2	.9	.1	.0				11.5	12.9
SSW	.2	.7	2.1	2.5	1.4	.6	.0	.0				7.5	13.0
SW	.2	.5	1.1	.9	.3	.1	.0					3.2	10.5
WSW	.2	.4	.6	.6	.3	.2	.0	.0				2.3	11.5
W	.5	.8	.7	.4	.2	.2	.0					2.9	9.5
WNW	.2	.8	1.0	.9	.6	.4	.1	.0				4.0	12.3
NW	.2	.6	1.1	1.5	.8	.4	.2	.0				4.8	13.3
NNW	.3	.9	1.7	2.8	2.0	.8	.2	.0				8.7	14.0
VARBL													
CALM												5.1	
	5.7	15.8	29.1	36.7	11.6	5.0	.9	.1				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 18873

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	2.1	2.8	1.1	.3	.0					7.9	11.4
NNE	.4	.8	1.6	1.7	.4	.1						5.0	10.2
NE	.6	1.1	1.9	1.3	.4	.0						5.3	9.2
ENE	.5	1.0	1.9	1.1	.2	.0						4.7	8.7
E	.6	1.5	2.0	.7	.1	.0						4.9	7.6
ESE	.5	1.2	2.2	1.1	.2	.0						5.2	8.4
SE	.6	1.9	2.8	1.4	.3	.0						7.0	8.5
SSE	.5	1.6	3.1	3.6	1.1	.2	.0					10.0	10.9
S	.5	1.5	3.7	5.7	2.9	.9	.1					15.1	12.9
SSW	.3	.6	1.8	3.0	1.7	.5	.1	.0				8.0	13.3
SW	.2	.5	.9	1.0	.5	.1	.0					3.2	11.5
WSW	.2	.4	.6	.4	.2	.1	.0					1.8	10.3
W	.3	.7	.6	.5	.2	.1	.0					2.4	9.4
WNW	.2	.5	.7	.8	.4	.2	.0	.0				2.9	11.9
NW	.3	.6	.9	1.2	.7	.3	.0	.0				3.9	12.1
NNW	.3	.7	1.7	2.4	1.3	.4	.0	.0				6.9	12.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.7	
	6.6	15.5	28.4	28.5	11.7	3.2	.3	.0				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 18933

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.9	1.7	.4	.1	.0					5.7	9.9
NNE	.5	.9	1.8	1.4	.2	.0						4.9	9.2
NE	.3	.9	1.6	.8	.1	.0						3.7	8.4
ENE	.4	1.1	1.7	.7	.1	.0						4.0	7.9
E	.8	1.4	1.8	.5	.0	.0						4.6	6.8
ESE	.9	2.0	2.3	.8	.1	.0		.0				6.2	7.2
SE	.8	2.3	3.6	1.8	.2	.1						8.8	8.3
SSE	.9	2.3	4.7	4.0	.9	.2	.0					12.9	10.0
S	.8	2.0	4.5	7.3	2.9	.9	.0					18.4	12.3
SSW	.3	.9	2.3	3.0	1.2	.2	.0	.0				8.0	11.8
SW	.3	.7	1.0	.7	.2	.1	.0					2.9	9.4
WSW	.2	.4	.6	.4	.1	.0	.0					1.7	9.4
W	.4	.6	.5	.3	.1	.1	.0					2.0	7.7
WNW	.3	.5	.8	.5	.2	.1	.0	.0				2.4	9.4
NW	.3	.6	.9	.8	.2	.0	.0	.0				2.8	9.7
NNW	.4	.8	1.4	1.5	.4	.0	.0					4.5	10.1
VARBL													
CALM												6.6	
	8.2	18.4	31.3	26.2	7.3	1.8	.1	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 18574

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	1.3	.9	.2	.1	.0					3.8	9.0
NNE	.4	.7	1.4	.8	.1	.0	.0					3.4	8.4
NE	.5	1.0	1.4	.6	.1	.0	.0					3.5	7.8
ENE	.4	.9	1.5	.6	.1	.0						3.5	7.9
E	.7	1.5	2.2	.5	.1	.0						5.0	7.3
ESE	.8	1.9	2.5	1.0	.1							6.3	7.5
SE	1.0	3.0	4.4	1.7	.2	.0						10.2	7.8
SSE	1.0	2.8	5.9	4.8	.9	.1	.0					15.6	9.7
S	.9	2.5	6.2	8.7	3.0	.8	.0					22.1	11.9
SSW	.3	.9	2.8	4.8	2.2	.5	.1	.0				11.8	13.0
SW	.3	.6	1.0	.9	.3	.0		.0				3.1	9.9
WSW	.2	.3	.5	.3	.1							1.5	8.6
W	.3	.4	.4	.2	.0	.0		.0				1.4	7.1
WNW	.2	.3	.4	.2	.0	.0						1.2	7.7
NW	.2	.3	.4	.2	.0	.0						1.1	7.9
NNW	.3	.4	.6	.4	.2	.0		.0				1.9	9.1
VARBL													
CALM												4.7	
	7.9	18.5	32.9	26.7	7.5	1.6	.1	.0				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 19080

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	.8	.3	.1	.0	.0					2.5	7.3
NNE	.4	.8	1.0	.6	.1	.0						3.0	8.1
NE	.6	.9	1.5	.6	.1	.0						3.7	7.8
ENE	.7	1.5	1.7	.5	.0	.0						4.3	7.0
E	1.1	2.0	1.7	.5	.0	.0						5.3	6.3
ESE	1.1	2.1	2.4	.7	.0	.0						6.4	6.8
SE	1.7	3.0	4.1	1.5	.1	.0						10.5	7.2
SSE	1.7	3.4	6.1	3.2	.3	.0						14.7	8.3
S	1.4	3.4	7.6	6.6	1.1	.2	.0					20.3	9.8
SSW	.7	1.6	4.6	5.0	1.1	.2						13.2	10.8
SW	.4	.9	1.8	1.4	.3	.0						4.8	9.5
WSW	.4	.5	.6	.6	.1							2.2	8.3
W	.3	.5	.4	.1	.0							1.4	6.5
WNW	.2	.3	.2	.1	.0				.0			.8	6.2
NW	.3	.3	.2	.1	.0		.0					.9	6.3
NNW	.2	.3	.4	.1	.0	.0	.0					1.1	7.4
VARBL													
CALM												5.0	
	11.7	22.2	35.2	21.8	3.5	.5	.0		.0			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 13908

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.9	.4	.1	.0						2.5	7.6
NNE	.5	1.0	1.4	.8	.1	.0						3.8	8.2
NE	.7	1.2	1.5	.6	.1	.0						4.0	7.2
ENE	.6	1.3	1.5	.5	.0	.0						4.0	7.0
E	1.1	1.7	1.7	.4	.0	.0						4.9	6.2
ESE	1.3	2.2	2.3	.5	.0	.0	.0					6.3	6.4
SE	1.6	3.1	4.2	1.2	.0	.0						10.0	7.0
SSE	1.2	3.7	5.9	2.7	.2	.0						13.7	8.1
S	1.7	3.9	8.0	5.5	.9	.1						20.0	9.2
SSW	.8	1.8	5.0	5.1	.8	.1	.0					13.6	10.4
SW	.5	1.1	1.8	1.8	.4	.0		.0				5.5	9.9
WSW	.3	.4	.5	.4	.1	.0						1.7	8.7
W	.4	.4	.3	.1	.0							1.2	5.9
WNW	.3	.3	.2	.1	.0			.0				.9	6.0
NW	.2	.3	.3	.1	.0	.0	.0					.9	7.3
NNW	.2	.3	.4	.1	.0		.0	.0				1.0	7.4
VARBL													
CALM												6.0	
	11.6	23.3	35.7	20.2	2.8	.4	.0	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 19993

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	1.8	1.4	.5	.2	.0					6.1	9.5
NNE	.6	1.3	1.9	1.8	.4	.1						6.2	9.4
NE	.7	1.3	2.0	1.3	.2							5.4	8.3
ENE	.7	1.2	1.9	.8	.1							4.6	7.9
E	1.3	1.5	1.7	.4	.0	.0						4.9	6.3
ESE	1.3	1.9	1.8	.4	.0							5.3	6.0
SE	1.5	3.0	3.7	.9	.1	.0		.0				9.2	6.8
SSE	1.3	3.0	5.5	2.9	.3	.0						13.0	8.4
S	1.3	2.7	6.3	5.7	1.3	.3						17.6	10.1
SSW	.4	.9	3.4	3.9	1.3	.3	.0	.0				10.3	11.7
SW	.4	.7	1.1	.8	.3	.0	.0					3.4	9.5
WSW	.3	.4	.4	.2	.1	.0		.0				1.3	8.2
W	.4	.3	.4	.2	.0	.0						1.3	6.5
WNW	.3	.4	.3	.1	.0							1.1	6.7
NW	.4	.3	.3	.2	.0	.0						1.2	6.6
NNW	.4	.7	.7	.5	.1	.1	.0					2.5	8.6
VARBL													
CALM												6.6	
	12.0	20.9	33.1	21.4	6.9	1.0	.0	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 19148

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB, OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	2.1	1.9	.5	.2	.0					7.0	9.8
NNE	.8	1.3	2.1	1.7	.4	.1	.0					6.4	9.1
NE	.5	1.0	1.5	.9	.2	.0						4.1	8.5
ENE	.4	.9	.9	.3	.0	.0						2.5	7.2
E	.7	1.1	.7	.1	.0							2.7	5.5
ESE	.6	1.5	1.0	.1	.0							3.2	5.8
SE	1.0	2.8	2.8	.8	.1							7.5	6.9
SSE	1.2	3.2	4.6	2.8	.7	.1	.0	.0				12.5	8.8
S	1.2	3.7	6.5	5.7	2.2	.4	.0					19.7	10.4
SSW	.5	1.3	3.4	3.0	1.1	.2	.0					9.5	11.0
SW	.5	.7	1.1	.6	.2	.0						3.1	8.3
WSW	.3	.7	.6	.2	.1	.0						1.9	7.1
W	.6	.7	.5	.2	.0	.0	.0					2.1	6.4
WNW	.5	.7	.6	.3	.1	.1	.0					2.1	7.6
NW	.4	.6	.6	.6	.2	.1						2.4	8.9
NNW	.5	.9	1.6	1.6	.5	.1	.0					5.2	10.1
VARBL													
CALM												8.0	
	10.7	22.3	30.5	20.8	6.2	1.4	.1	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 19549

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46;48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	2.7	3.0	1.3	.5	.0					9.6	11.2
NNE	.4	.9	2.1	1.6	.3	.1						5.6	9.9
NE	.4	1.0	1.4	.6	.2	.0						3.7	8.3
ENE	.4	.8	.8	.2	.1	.0						2.2	6.9
E	.7	1.0	.9	.2	.0							2.7	5.9
ESE	.5	1.1	1.0	.3	.0							2.8	6.6
SE	.6	1.5	2.0	.6	.0	.0						4.7	7.4
SSE	.7	2.2	3.7	1.6	.2	.0						8.7	9.4
S	.8	2.6	5.4	4.8	1.3	.3	.0					15.3	10.4
SSW	.3	1.1	2.8	3.1	1.0	.4	.0	.0				8.7	11.6
SW	.4	.9	1.6	1.0	.3	.1	.0					4.2	9.2
WSW	.3	.7	.8	.3	.2	.1	.0					2.4	8.2
W	.7	1.1	1.0	.4	.2	.1	.0	.0	.0			3.5	7.9
WNW	.6	1.2	1.4	.6	.2	.1	.1	.0				4.2	8.5
NW	.6	1.2	1.5	1.3	.4	.3	.1	.0				5.6	10.3
NNW	.5	1.2	2.2	2.7	1.1	.4	.0	.0				8.2	11.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.8	
	8.6	20.0	31.5	22.4	6.9	2.6	.3	.0	.0			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 19135

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	2.9	3.4	1.3	.5	.1					10.2	11.4
NNE	.5	.9	2.2	2.1	.6	.1						6.4	10.4
NE	.5	.9	1.8	1.1	.2	.1						4.7	9.0
ENE	.3	.6	1.1	.4	.0							2.5	7.6
E	.6	.8	.9	.2			.0					2.5	6.3
ESE	.4	.7	.7	.3								2.0	6.6
SE	.6	1.4	2.1	.5	.0							4.6	7.3
SSE	.6	1.7	3.1	2.1	.3	.0						7.9	9.0
S	.8	2.3	4.6	4.6	1.0	.2						13.5	10.3
SSW	.4	1.4	3.1	2.3	1.0	.3	.0					8.5	10.8
SW	.4	.9	1.4	.7	.1	.0						3.6	8.3
WSW	.4	.7	1.0	.3	.1	.1		.0				2.7	8.3
W	.8	1.1	1.5	.5	.1	.1	.0					3.9	7.5
WNW	.5	1.1	1.6	.9	.3	.1	.0	.0				4.6	9.0
NW	.5	1.0	1.7	1.7	.6	.2	.0	.0				5.7	10.8
NNW	.5	1.1	2.6	2.6	1.0	.5	.1	.0				8.4	11.6
VARBL													
CALM												8.3	
	6.5	18.1	32.3	23.8	6.7	2.1	.3	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 18473

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-60,68,75 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	2.6	2.3	1.3	.9	.1					9.0	12.0
NNE	.7	1.4	2.6	2.4	.9	.4						8.5	10.5
NE	.5	1.1	1.2	1.2	.2	.1						4.4	9.1
ENE	.4	.9	1.1	.2								2.6	6.5
E	.4	1.0	.7	.1								2.1	5.7
ESE	.6	1.3	1.0	.1								3.0	5.9
SE	1.1	1.5	2.0	.6								5.4	6.6
SSE	.7	1.5	3.7	2.0	.2							8.1	8.8
S	1.6	2.4	3.6	3.4	.7							11.7	9.0
SSW	.6	1.1	2.3	2.1	.6	.2						7.0	10.2
SW	.6	1.3	2.7	.9	.1							5.5	8.0
WSW	1.0	.5	.6	.4								2.4	6.2
W	1.4	1.8	1.3	.4	.1	.1	.1	.1				5.1	7.1
WNW	.6	.8	1.1	.2	.3	.1						3.0	8.2
NW	1.3	1.2	1.5	.5	.5	.1						5.1	8.0
NNW	.7	.4	1.8	2.6	1.4	.1						7.0	11.8
VARBL													
CALM												10.4	
	12.7	19.4	29.8	19.4	6.3	1.9	.2	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1757

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (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	.9	1.5	2.9	3.4	1.7	.8	.1	.0				11.4	12.0
NNE	.5	1.0	2.2	1.9	.6	.5	.0					6.8	11.0
NE	.4	.8	1.8	.8	.3	.1						4.2	9.1
ENE	.5	1.1	1.0	.3		.0						3.0	6.9
E	.8	.9	.7	.2								2.6	5.8
ESE	.4	1.1	.8	.1								2.3	5.6
SE	.5	2.0	1.9	.5								5.0	6.8
SSE	.8	1.5	3.2	1.5	.1	.1						7.2	8.5
S	1.2	2.8	4.7	2.9	.6	.0						12.3	8.8
SSW	.8	1.4	2.6	2.3	.9	.1						8.0	10.1
SW	.6	1.3	1.3	.5	.2	.0						3.8	7.6
WSW	.4	1.0	.8	.3	.3							2.7	7.8
W	1.2	1.8	1.6	.3	.1		.1	.0				5.1	7.0
WNW	1.1	1.0	1.5	.4	.2							4.2	7.0
NW	1.1	1.8	.7	.8	.3	.0						4.8	7.2
NNW	.6	.7	2.2	2.2	1.5	.3	.0					7.5	12.2
VARBL													
CALM												9.2	
	11.7	21.7	29.9	18.3	6.8	1.9	.3	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (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	.9	1.5	3.8	3.4	2.1	.5	.0	.1				12.3	11.7
NNE	.7	.8	2.1	2.4	.8	.2						7.0	10.8
NE	.4	.9	1.6	.5	.1	.1						3.7	8.3
ENE	.5	1.0	.8	.2								2.5	6.3
E	.7	.8	1.0	.1								2.6	5.6
ESE	.3	1.4	.9	.3								2.9	6.6
SE	.4	1.7	2.1	.4								4.7	7.0
SSE	.8	2.0	2.7	1.3	.2							6.9	8.0
S	1.1	2.7	3.5	3.1	.9	.1						11.4	9.3
SSW	.5	1.6	2.1	1.9	.8	.2						7.0	10.1
SW	.4	1.3	1.7	.6	.1	.0						4.1	8.1
WSW	.6	.9	.9	.3	.1							2.9	7.0
W	1.0	1.6	1.5	.5	.1	.0						4.8	6.8
WNW	.7	1.5	1.7	.8	.1	.1						4.9	7.6
NW	1.1	1.5	1.4	.9	.5	.1						5.4	8.3
NNW	.6	.9	2.1	2.4	1.3	.5	.0	.1				7.8	12.2
VARBL													
CALM												8.9	
	10.8	22.1	30.0	19.1	7.0	1.8	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2752

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (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	.6	1.5	3.1	4.6	2.2	.6	.2					12.7	12.4
NNE	.4	1.0	2.1	3.3	1.2	.6						8.6	12.1
NE	.3	.7	.9	1.0	.2	.1						3.1	9.1
ENE	.1	.8	.8	.3	.0							2.1	7.7
E	.6	1.0	1.0	.3	.0							2.9	6.6
ESE	.4	.7	.8	.1								2.1	6.5
SE	.6	.9	1.9	.5								3.9	7.5
SSE	.5	1.1	2.4	1.4	.3							5.8	9.2
S	.7	2.0	3.6	4.7	1.7	.5	.1					13.2	11.3
SSW	.4	.5	2.5	3.0	1.1	.6						8.2	12.4
SW	.3	.8	2.3	1.4	.3	.1						5.3	9.8
WSW	.4	.8	.9	.5	.1	.1						2.8	8.4
W	.7	1.7	1.1	.9	.2	.1						4.7	8.0
WNW	.6	1.1	1.5	.7	.2	.1	.0					4.2	8.5
NW	.6	1.4	1.9	1.1	.4	.3		.1				5.7	9.9
NNW	.3	.9	2.3	3.1	1.6	1.0	.2	.1				9.6	13.7
VARBL													
CALM												5.0	
	7.6	16.8	29.3	26.8	9.7	4.1	.4	.2				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2943

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (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	.8	1.3	3.3	5.1	2.0	1.3	.3	.0				14.1	13.1
NNE	.1	.9	2.2	2.6	1.1	.1	.0					7.1	11.7
NE	.3	.6	.7	1.0	.2							2.9	9.4
ENE	.2	.4	.8	.3	.1							1.8	8.1
E	.4	.3	.7	.3								1.8	7.3
ESE	.5	.4	.8	.0	.0							1.8	6.3
SE	.5	.9	1.3	.5	.0							3.3	7.1
SSE	.5	.8	1.9	2.0	.4							5.6	9.9
S	.4	1.7	3.6	4.6	2.0	1.3	.1					13.6	12.7
SSW	.4	.7	2.7	3.1	2.4	1.1	.1					10.5	13.5
SW	.5	.9	1.2	1.9	.9	.4						5.9	11.6
WSW	.5	.8	.8	.9	.4	.1						3.7	9.7
W	.6	.8	1.1	.8	.2							3.5	8.1
WNW	.3	.7	1.2	.7	.4	.2	.1	.0				3.5	11.2
NW	.7	.9	1.3	1.8	.7	.4	.1					5.9	11.3
NNW	.5	.9	2.3	3.6	1.7	1.0	.1	.1				10.2	13.5
VARBL													
CALM												4.9	
	7.3	13.3	25.9	29.2	12.5	5.9	.8	.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (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	.5	1.5	3.5	4.6	1.9	1.2	.1					13.3	12.7
NNE	.1	1.3	2.5	2.8	.9	.3	.0					7.9	11.2
NE	.2	.8	1.0	.8	.1							2.8	8.4
ENE	.5	.9	.8	.5	.1							2.8	7.5
E	.6	.8	1.0	.1								2.5	6.0
ESE	.3	.6	.7	.1								1.7	6.5
SE	.5	1.6	1.2	.5								3.8	6.7
SSE	.5	1.7	3.2	2.1	.3							7.8	9.0
S	1.0	2.7	4.2	4.9	1.7	1.0	.1					15.6	11.4
SSW	.5	1.0	2.6	3.1	1.6	.3						9.2	11.8
SW	.6	.9	1.2	1.2	.4	.1		.0				4.4	9.8
WSW	.4	.4	.7	.7	.2	.1						2.5	9.5
W	.5	.8	.7	.5		.0						2.5	7.0
WNW	.3	.5	.9	.4	.3	.2	.0					2.6	10.3
NW	1.1	.9	1.4	1.7	.5	.4						6.1	10.3
NNW	.7	.9	2.0	2.9	1.5	.8	.1					8.9	12.7
VARBL													
CALM												5.4	
	8.5	17.3	27.5	27.0	9.5	4.3	.4	.0				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2922.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	3.2	2.9	1.5	.7						11.4	10.8
NNE	.9	1.8	3.1	2.3	1.0	.0						9.0	9.5
NE	1.0	1.1	1.2	.7	.2							4.2	7.5
ENE	.9	1.3	.6	.2	.0							3.0	5.7
E	.9	1.1	1.1	.2		.0						3.3	6.0
ESE	1.3	.9	.9	.1								3.1	5.3
SE	1.2	2.4	2.0	.4								6.0	6.1
SSE	.9	2.9	5.3	1.8	.2							11.1	8.0
S	1.3	3.5	5.7	3.6	.8	.1						15.0	8.8
SSW	.5	1.6	2.3	1.1	.2	.						5.9	8.6
SW	.4	.5	.9	.2								2.0	7.1
WSW	.2	.3	.2	.2								.9	6.3
W	.8	.5	.3				.1					1.7	5.3
WNW	.7	.7	.7	.2	.1	.2						2.7	7.9
NW	1.2	1.1	1.1	.8	.2	.0						4.4	7.5
NNW	.7	.7	1.2	1.3	.9	.5	.1					5.3	11.9
VARBL													
CALM												11.1	
	14.0	22.4	29.7	15.8	5.1	1.7	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2656

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (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	.8	1.3	2.8	2.2	1.4	.7	.1					9.2	11.4
NNE	.9	1.8	3.0	2.1	1.2	.2						9.2	10.1
NE	.8	1.4	1.8	1.0	.1	.1						5.0	7.9
ENE	.6	1.2	1.2	.4								3.3	6.6
E	.8	.9	1.5	.1								3.2	6.1
ESE	.6	1.5	1.3	.2								3.6	6.1
SE	1.1	2.1	2.2	.5	.1							6.1	6.6
SSE	.8	2.1	3.9	2.4	.2							9.4	8.8
S	1.4	3.1	4.5	2.8	.7	.2						12.7	8.9
SSW	.8	1.2	2.7	1.8	.3	.2						7.0	9.3
SW	.6	.6	1.7	.6	.1							3.6	8.1
WSW	.2	.4	.7	.2	.1							1.5	7.6
W	.7	1.1	.9	.2	.1	.1	.2					3.1	7.7
WNW	.3	1.1	.7	.1	.1	.1						2.3	6.6
NW	.5	.9	.8	.6	.4	.1	.1					3.4	9.5
NNW	.6	.8	1.4	1.5	1.3	.1						5.6	11.3
VARBL													
CALM												11.7	
	11.2	21.5	31.1	16.7	5.8	1.6	.3					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1966

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-60,72-73,75 (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	.8	1.0	3.2	2.5	1.4	.3	.1					9.2	11.4
NNE	.3	.7	2.2	2.4	.7	.3						6.4	11.4
NE	.3	1.4	2.4	1.4	.2							5.6	8.7
ENE	.8	1.4	1.6	.5	.1							4.5	7.1
E	.7	1.2	1.8	.3								4.0	6.7
ESE	.5	1.5	2.0	.3	.1							4.3	7.2
SE	.7	1.8	2.9	.5	.1		.1					6.0	7.2
SSE	.7	2.0	4.2	1.6	.8	.1	.1					9.5	9.4
S	.5	1.4	4.8	2.5	.8							9.9	9.8
SSW	.1	1.0	2.7	2.0	.9	.3						7.1	11.4
SW	.1	.8	1.2	.9								3.1	8.8
WSW	.4	.7	1.7	.1	.1	.1						3.0	7.6
W	.3	1.0	.9	.2	.1	.1						2.7	7.7
WNW	.5	1.0	.7	.1	.6	.3	.2					3.5	11.2
NW	.5	.5	1.1	.8	.3	.3						3.5	10.6
NNW	.2	1.0	1.3	2.3	1.4	.5						6.7	13.0
VARBL													
CALM												10.8	
	7.3	18.6	36.8	18.4	7.5	2.2	.4					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1530

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	.5	1.6	2.8	3.4	1.7	.3	.2					10.5	12.0
NNE	.6	.4	1.8	1.9	.6	.1						5.3	10.8
NE	.4	.4	1.4	1.3	.2							3.7	9.6
ENE	.5	1.0	1.6	.9	.1							4.1	8.2
E	.6	1.1	1.9	.3								3.8	7.0
ESE	.6	1.9	1.6	.6	.1							4.7	7.0
SE	.6	1.8	2.4	.5	.2	.1						5.5	7.7
SSE	.5	2.1	3.5	1.2	.4	.1						7.7	8.5
S	.7	2.1	4.3	2.4	1.3	.1						10.9	10.0
SSW	.3	1.2	2.6	2.1	.4	.2						6.7	10.5
SW	.3	1.2	1.5	.5	.1	.1						3.7	8.2
WSW	.2	.5	1.2	.1	.1							2.1	7.5
W	.4	1.4	1.9	.3	.2	.2						4.3	8.2
WNW	.4	.9	.9	.5	.4	.3	.1					3.4	10.3
NW	.3	1.2	1.9	1.0	.6	.2	.1					5.2	10.6
NNW	.3	1.3	2.2	2.3	1.6	.3	.1					8.1	11.8
VARBL													
CALM												10.3	
	6.9	20.0	33.4	19.4	7.7	1.9	.5					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1932

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	3.0	4.0	1.8	.5	.2					11.8	11.9
NNE	.3	1.1	2.0	1.6	.7							5.8	10.3
NE	.3	.8	1.0	.9	.3							3.3	9.4
ENE	.3	.7	1.1	.3	.1							2.6	7.5
E	.4	1.2	1.6	.5	.0							3.7	7.4
ESE	.4	1.2	1.8	.5								3.9	7.4
SE	.5	2.3	2.9	.8	.1							6.6	7.6
SSE	.7	1.9	3.1	1.7	.2							7.6	8.4
S	.7	2.2	4.0	3.0	.7	.2						10.8	9.8
SSW	.4	1.3	2.0	1.0	.4	.0						5.1	9.0
SW	.5	.7	1.5	.5	.1							3.2	7.5
WSW	.5	.8	1.1	.5	.0							2.9	7.5
W	.7	1.3	1.2	.3		.2						3.8	7.0
WNW	.6	1.6	1.5	.5	.2	.1	.1					4.7	8.5
NW	.6	1.6	2.0	1.4	.5	.1	.1					6.2	9.3
NNW	.7	1.2	2.8	3.4	1.5	.4						10.0	11.4
VARBL													
CALM												7.9	
	8.2	21.7	32.7	20.9	6.8	1.5	.3					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 3406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13905 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	.5	1.1	3.1	4.3	2.0	1.2	.1					12.3	13.1
NNE	.2	1.3	2.3	2.2	.7	.2						6.9	10.7
NE	.4	.7	1.6	1.5	.2	.0		.1				4.6	9.8
ENE	.4	.3	.8	.4	.1							2.0	7.9
E	.2	.5	1.7	.5	.1							3.0	8.8
ESE	.3	.9	1.6	.7	.1							3.7	8.4
SE	.4	.9	2.3	1.1	.1	.0						4.8	8.8
SSE	.3	.5	2.4	2.4	.8	.1						6.4	11.4
S	.3	1.2	3.1	4.9	1.5	.2						11.1	11.8
SSW	.3	.6	2.7	2.9	1.8	.7	.1					9.1	13.0
SW	.4	.5	1.5	1.5	.2	.0						4.2	10.1
WSW	.3	.5	.9	.7	.2							2.6	8.6
W	.3	.9	1.2	.6	.1	.0	.1					3.2	9.1
WNW	.4	.5	1.5	1.0	.5	.2	.3					4.0	12.2
NW	.2	.9	1.3	1.4	.7	.2	.0					4.7	11.5
NNW	.5	1.0	2.9	4.9	2.5	1.0	.2					13.0	13.3
VARBL													
CALM												3.9	
	5.5	12.5	30.8	31.2	11.4	3.9	.7	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 2593

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	.6	1.1	3.0	5.1	2.0	.9						12.7	12.7
NNE	.4	.8	2.0	2.6	.8	.3	.1					7.0	11.7
NE	.2	1.3	1.6	1.3	.0	.0		.0				4.5	8.9
ENE	.2	.4	.8	.4								1.8	8.0
E	.4	.7	1.3	.1	.0							2.5	6.8
ESE	.2	.8	1.0	.5								2.5	7.8
SE	.3	.7	1.2	1.2								3.4	9.2
SSE	.5	.8	1.7	2.4	.7	.5						6.6	11.6
S	.3	.7	2.7	4.9	2.2	.7						11.6	13.4
SSW	.3	.7	2.2	3.7	3.1	1.5	.2					11.6	14.9
SW	.4	.7	1.3	1.6	.5	.1						4.7	10.8
WSW	.3	.7	1.0	1.3	.1	.0	.1					3.5	10.1
W	.4	.7	.8	.7	.1							2.6	8.3
WNW	.2	.6	.9	.9	.6	.3	.2	.1				3.7	13.4
NW	.2	.9	.9	2.0	1.0	.3						5.3	12.4
NNW	.6	1.2	2.3	3.7	2.5	1.3	.2	.0				12.1	13.9
VARBL													
CALM												3.8	
	5.5	13.0	24.8	32.2	13.7	6.1	.8	.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 2594

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 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	.7	1.3	2.4	4.9	1.8	.9	.1					12.1	12.7
NNE	.5	1.3	2.7	2.9	.9	.2	.1					8.6	11.0
NE	.4	1.1	2.0	1.3	.1	.0						4.9	8.8
ENE	.4	.9	.9	.5								2.7	7.3
E	.2	1.1	1.1	.2								2.5	7.1
ESE	.3	.9	1.1	.2	.0							2.6	7.1
SE	.2	1.0	1.2	.6	.2	.0						3.2	8.9
SSE	.3	1.1	2.8	2.5	.8	.2						7.7	10.9
S	.5	1.3	4.1	5.1	2.2	.7	.1					14.0	12.3
SSW	.4	.7	2.5	3.4	2.4	.8	.1					10.5	13.4
SW	.2	.7	.9	1.0	.3							3.1	9.9
WSW	.4	.7	.9	.4	.1	.1						2.7	8.5
W	.4	.5	.9	.2	.1		.0					2.1	7.8
WNW	.2	.4	.6	1.1	.4	.1		.1				3.0	12.8
NW	.4	.7	1.1	1.5	.6	.4						4.7	11.7
NNW	.4	1.1	2.2	4.2	2.0	1.2	.3	.0				11.5	13.9
VARBL													
CALM												4.2	
	5.8	14.9	27.6	39.0	12.1	5.6	.7	.2				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 554

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	.9	2.2	2.7	3.1	1.1	.2	.0					10.3	10.3
NNE	.5	2.2	2.9	2.7	.5	.2	.0					8.4	9.4
NE	1.0	1.6	1.8	1.0	.1							5.4	7.6
ENE	.8	1.5	.8	.3		.0						3.5	6.0
E	1.1	1.3	1.5	.1								4.0	5.8
ESE	.9	1.7	.8	.2	.0							3.6	5.9
SE	.8	2.5	2.7	.7	.1							6.7	7.1
SSE	.7	2.7	4.1	2.2	.5							10.1	8.7
S	.8	3.0	6.0	3.4	.5	.1	.0					13.9	9.2
SSW	.2	1.3	2.2	1.1	.2							5.0	8.9
SW	.2	.5	.6	.1	.0							1.4	6.8
WSW	.3	.3	.5	.0								1.1	5.8
W	.6	.7	.2	.2	.0	.1						1.7	6.9
WNW	.4	.8	.3	.1	.2	.0	.1	.0				2.0	10.0
NW	.5	.7	.9	.3	.2	.2	.0					2.8	9.0
NNW	.4	1.3	2.1	2.1	1.0	.7	.1					7.6	11.6
VARBL													
CALM												11.0	
	10.5	24.2	29.9	17.7	4.6	1.6	.4	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2149

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	.9	1.8	2.7	2.2	1.2	.1	.1					9.1	10.3
NNE	.9	1.2	2.4	2.4	.7	.1						7.7	9.8
NE	.5	1.5	2.7	1.1	.1							6.0	8.3
ENE	.4	1.5	1.7	.4								4.0	7.0
E	.6	1.7	1.9	.1								4.4	6.3
ESE	.2	1.4	1.9	.3	.1							3.9	7.4
SE	.9	2.4	3.7	1.1	.1	.1						8.2	7.4
SSE	.5	2.0	3.7	2.4	.6	.1	.1					9.3	9.6
S	.4	2.7	5.4	2.9	.7	.3						12.3	9.6
SSW	.5	.6	2.3	1.5	.5	.2						5.6	10.2
SW	.4	.3	1.2	.7	.1							2.6	8.7
WSW	.2	.6	.4	.1	.1							1.4	6.7
W	.4	1.2	.6		.1							2.4	5.7
WNW	.5	.8	.6	.2	.2	.4	.2					3.0	11.1
NW	.4	.8	.4	.5	.1	.1	.1	.1				2.4	10.4
NNW	.3	1.1	1.3	1.6	1.3	.6	.1					6.3	13.2
VARBL													
CALM												11.6	
	8.2	21.4	32.8	17.5	5.8	2.0	.6	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1693

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-61,63,68-69,72-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	2.5	2.3	.7	.4	.4					8.1	11.6
NNE	.6	.9	2.5	2.2	.5	.2	.1					6.9	10.6
NE	.7	1.2	1.9	1.7	.2	.2	.1					6.1	9.8
ENE	.2	1.7	2.1	1.2	.1							5.3	8.7
E	.6	2.1	2.2	.7	.1							5.7	7.2
ESE	.6	1.9	3.0	.6								6.1	7.1
SE	.7	1.6	3.4	1.1	.4	.1						7.4	8.8
SSE	.6	1.8	4.1	2.2	1.0	.2	.1					10.0	10.1
S	.4	1.1	3.0	2.9	1.2	.1						8.7	11.3
SSW	.2	.7	2.6	1.7	.5							5.7	10.4
SW	.4	.9	1.1	.4	.1							2.9	7.4
WSW	.3	.4	.5	.2	.2							1.6	8.3
W	.5	1.0	.4	.1	.1	.1						2.2	6.9
WNW	.1	1.2	1.2	.9	.6	.4						4.4	11.4
NW	.1	.6	1.4	1.0	.3	.3						3.8	11.3
NNW	.3	.9	1.4	1.7	1.2	.3	.3					6.1	13.0
VARBL													
CALM												9.0	
	7.0	19.2	33.3	20.8	7.3	2.4	.9					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 1602

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	2.4	3.6	1.1	.7	.3	.0				9.6	12.8
NNE	.6	1.1	2.0	1.7	.6	.1						6.1	10.2
NE	.2	1.0	1.3	1.6	.3	.1						4.5	10.2
ENE	.4	1.3	1.4	.9	.2							4.3	8.5
E	.5	1.4	2.3	.3								4.6	7.0
ESE	.4	1.9	2.9	.6	.1							5.9	7.7
SE	.5	1.4	3.6	.7		.1						6.4	8.3
SSE	.7	2.0	3.5	2.4	.7	.2						9.5	9.5
S	.7	1.5	2.0	3.1	1.4	.2						9.0	11.2
SSW	.4	1.2	2.6	1.8	.2	.0						6.2	9.5
SW	.2	.5	1.8	.5	.1							3.1	8.6
WSW	.3	.7	.8	.3	.0							2.2	7.4
W	.7	1.5	1.0	.2	.0		.0					3.8	8.3
WNW	.2	1.4	1.4	.7	.8	.3	.0					4.9	10.9
NW	.2	.7	1.0	1.0	.8	.3	.0					4.2	12.1
NNW	.3	1.0	2.0	2.0	1.7	.4	.0					7.6	12.5
VARBL													
CALM												8.3	
	7.1	19.5	32.1	21.7	8.2	2.6	.5	.0				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2055

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	3.1	3.1	1.8	.8	.1	.0				10.5	12.7
NNE	.3	1.1	1.7	2.5	.8	.2						6.5	11.1
NE	.3	.7	1.6	.9	.3	.2						4.0	10.0
ENE	.5	.8	1.1	.8	.1							3.3	8.3
E	.6	1.9	1.9	.8								5.1	7.1
ESE	.5	1.6	2.4	.7								5.1	7.4
SE	.5	1.7	3.6	1.3	.0							7.1	8.0
SSE	.5	1.7	3.1	2.8	.3	.1						8.5	9.7
S	.4	1.6	2.8	3.6	.9	.3						9.5	10.9
SSW	.2	.8	2.5	2.2	1.1	.2						7.0	11.5
SW	.3	.5	1.2	.9	.1	.0						3.1	9.2
WSW	.5	.5	1.0	.3	.0							2.4	7.3
W	.8	1.2	1.1	.4	.2	.1						3.7	7.2
WNW	.4	1.7	1.2	1.3	.6	.4	.1					5.7	10.4
NW	.3	.9	1.4	1.2	.7	.2	.1					4.9	11.5
NNW	.4	.7	1.7	2.6	1.3	.6	.2					7.5	13.1
VARBL													
CALM												6.1	
	7.0	18.6	31.1	25.6	8.1	3.1	.4	.0				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	2.3	3.9	1.9	.9	.1					9.9	13.9
NNE	.1	.5	2.2	2.1	1.1	.3						6.4	12.2
NE	.1	1.1	1.9	1.4	.3	.3						5.0	10.4
ENE	.1	.5	1.7	1.4	.1							3.8	10.2
E	.4	.9	1.8	.6								3.7	7.9
ESE	.2	1.1	1.6	.7	.1	.0						3.9	8.5
SE	.2	1.0	1.8	1.3	.2	.0						4.6	9.5
SSE	.3	.7	2.3	2.8	1.5	.2	.0	.0				7.9	12.3
S	.2	.9	2.3	4.9	2.9	.9	.1	.0				12.2	14.2
SSW	.2	.5	2.1	3.3	2.1	1.2	.1	.1				9.6	14.5
SW	.3	.4	1.5	1.7	.4	.3						4.6	11.6
WSW	.1	.4	.8	1.1	.3	.4	.2	.0				3.2	13.5
W	.4	.8	1.2	.5	.2	.2						3.5	9.8
WNW	.1	.5	1.0	1.2	.6	.1	.3	.0				3.8	13.6
NW	.2	.5	1.0	2.2	1.0	.8	.2					5.9	14.4
NNW	.3	.7	1.7	3.1	2.5	1.2	.3	.0				9.9	14.9
VARBL													
CALM												2.0	
	3.3	11.2	27.3	32.3	15.4	6.9	1.2	.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 2811

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	2.3	4.0	2.0	.7	.2					10.5	13.3
NNE	.2	.6	2.2	2.0	.5	.4						6.0	11.7
NE	.3	.7	1.4	1.6	.3	.1						4.5	10.3
ENE	.2	.7	1.4	1.0								3.4	8.9
E	.2	.8	1.8	1.0								3.8	8.4
ESE	.4	.8	1.0	.6	.0							2.7	7.8
SE	.4	.5	1.4	1.3	.3	.1						3.9	10.3
SSE	.2	.7	1.7	2.6	1.5	.5	.1					7.2	12.0
S	.3	.9	2.2	4.5	3.5	2.0	.0					13.4	15.1
SSW	.2	.7	1.5	2.9	3.5	1.4	.2					10.4	15.7
SW	.1	.5	1.2	1.6	.7	.3	.0					4.4	12.6
WSW	.2	.4	1.0	1.1	.9	.3	.1					3.9	13.4
W	.5	.7	.7	.7	.3	.5	.1					3.6	11.6
WNW	.1	.5	1.2	1.1	.6	.6	.1					4.1	13.6
NW	.1	.6	1.2	1.9	1.2	.7	.3	.0				5.9	15.0
NNW	.1	.8	1.6	3.5	3.0	1.1	.2					10.3	15.0
VARBL													
CALM												2.0	
	3.6	10.9	23.8	31.3	18.2	8.7	1.4	.0				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 2810

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	2.4	3.9	2.0	.7	.0					10.1	13.1
NNE	.3	.8	2.1	2.9	.7	.2						6.9	11.6
NE	.2	1.0	1.5	1.4	.2	.1						4.4	9.9
ENE	.2	1.3	2.0	1.2	.2	.0						4.9	9.1
E	.3	1.0	1.4	.4	.0							3.1	7.7
ESE	.4	.8	1.4	.3	.1							3.0	7.8
SE	.5	.8	1.7	1.3	.3	.0						4.6	9.2
SSE	.5	.6	2.4	3.0	1.0	.6	.1					8.2	12.5
S	.2	1.2	2.1	4.9	3.4	1.9	.3					13.9	15.0
SSW	.0	.6	2.1	3.9	2.4	.9	.0					9.9	14.3
SW	.2	.5	.9	1.3	.4	.1	.0					3.5	11.3
WSW	.1	.1	.2	.5	.3	.5		.1				1.8	16.4
W	.2	.4	.8	.7	.3	.4	.1					2.8	12.8
WNW	.2	.4	1.2	1.1	.8	.6	.1					4.3	13.6
NW	.1	.6	1.0	2.0	1.0	.5	.4	.0				5.7	14.6
NNW	.1	.8	1.6	3.9	2.8	1.3	.3	.0				10.9	15.5
VARBL													
CALM												2.0	
	3.8	11.7	24.8	32.7	15.7	7.8	1.3	.1				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 2769

USAFETAC FORM JUL 64 0-1 ... A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	3.3	3.0	1.3	.4	.0					10.4	11.0
NNE	.5	1.5	2.7	2.5	.3	.0						7.5	9.6
NE	.6	1.5	2.5	1.1	.3	.0						6.0	8.5
ENE	.6	1.9	2.4	.9	.2							6.0	7.8
E	1.1	2.2	1.7	.4								5.3	6.0
ESE	.8	1.5	1.9	.4	.0							4.7	7.0
SE	.5	2.0	3.4	1.6	.2							7.7	8.5
SSE	.9	1.8	2.8	3.5	.9	.3	.0					10.2	10.4
S	.7	2.5	4.5	3.5	1.6	.6						13.3	10.7
SSW	.1	.8	1.6	1.3	.3	.0						4.1	9.9
SW	.1	.4	.3	.3	.0	.0						1.2	8.5
WSW	.2	.2	.4	.3	.1							1.2	9.6
W	.2	.4	.1	.2	.2	.3						1.4	11.5
WNW	.2	.6	.6	.2	.3	.4	.1					2.3	12.3
NW	.3	.5	.8	1.1	.5	.1	.2					3.4	12.6
NNW	.2	1.3	2.1	2.6	1.6	.7	.0					8.6	12.6
VARBL													
CALM												6.8	
	7.5	20.8	31.1	22.6	7.8	2.9	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2344

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	2.9	2.3	.7	.4	.2					8.6	11.0
NNE	.5	.8	3.1	2.1	.3	.4						7.2	10.2
NE	.6	1.3	2.0	1.6	.6	.1						6.1	9.6
ENE	.5	1.2	3.1	1.2	.5							6.5	8.9
E	.7	2.9	2.7	.3	.1							6.7	6.5
ESE	1.2	1.8	3.1	.4	.1							6.6	6.8
SE	1.1	2.0	3.6	1.0	.3	.1						8.1	8.3
SSE	.6	2.4	3.1	3.4	1.3	.2	.1					11.0	10.5
S	.5	1.5	3.8	2.5	1.2	.2	.1					9.7	10.7
SSW	.3	.5	2.1	1.5	.1	.1						4.6	9.6
SW	.1	.3	1.0	.2	.1							1.6	8.6
WSW	.1	.3	.2	.2	.1	.1						1.0	9.1
W	.4	1.0	.1	.3	.1	.3						2.0	8.5
WNW	.2	.5	.5	.2	.6	.4						2.4	12.5
NW	.5	.6	.8	.8	.3	.2	.1					3.4	10.8
NNW	.5	.7	1.5	2.2	1.1	.2	.1					6.2	12.0
VARBL													
CALM												8.3	
	8.2	19.3	33.4	20.4	7.6	2.4	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1893

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-61,69,73-75 (YEARS) APR. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	1.4	1.1	.8	.2	.1					5.0	11.0
NNE	.5	.8	1.6	1.4	.2	.1						4.7	9.7
NE	.6	1.1	2.1	1.5	.6	.1						6.0	9.5
ENE	.6	.8	2.5	1.0	.4	.1						5.4	9.5
E	.3	1.2	2.4	.6	.1							4.7	8.0
ESE	1.1	1.7	2.4	.4	.1							5.8	6.7
SE	1.5	3.2	3.9	1.0	.2							9.7	6.9
SSE	.9	2.5	4.5	4.1	.8	.1						12.9	9.7
S	.4	1.4	3.7	4.7	1.7	.4						12.3	11.8
SSW	.2	1.1	2.3	2.2	.7	.1						6.5	10.7
SW	.3	.7	.7	.4	.2							2.4	8.3
WSW	.2	.4	.5	.4	.1	.1						1.6	8.9
W	.4	.9	.6	.4	.1							2.4	7.1
WNW	.2	.6	.7	.6	.5	.1						2.7	11.0
NW	.2	.6	.7	1.1	.5	.2						3.2	11.7
NNW	.2	.4	1.7	1.7	1.1	.4						5.5	12.8
VARBL													
CALM												9.2	
	8.1	18.7	31.7	22.5	8.0	1.7	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1607

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.7	1.5	.8	.2						6.0	10.1
NNE	.5	1.1	1.4	1.7	.3	.0						5.1	9.7
NE	.9	1.2	1.5	1.4	.4	.1						5.6	9.1
ENE	.6	1.1	1.8	1.2								4.7	8.1
E	.6	1.7	1.7	.7	.1							4.7	7.2
ESE	.8	1.6	3.1	1.1	.1							6.7	7.8
SE	1.1	2.5	3.2	1.0	.0							7.9	7.1
SSE	.8	2.7	4.0	3.3	.7							11.5	9.2
S	.5	1.7	4.7	4.5	1.0	.1						12.6	10.5
SSW	.0	1.0	2.2	2.1	1.0	.1						6.5	11.5
SW	.2	.7	.7	.5	.2							2.4	8.9
WSW	.1	.6	.8	.2	.1							1.9	8.2
W	.6	1.3	.8	.5	.0	.1						3.3	7.5
WNW	.3	.9	.6	.7	.5	.2						3.3	10.4
NW	.3	.5	.7	.8	.7	.1						3.2	11.3
NNW	.4	.7	1.8	2.1	.9	.4						6.2	11.9
VARBL													
CALM												8.3	
	8.7	20.5	30.6	23.3	7.0	1.5						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2043

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	2.0	2.9	.8	.2						7.6	10.9
NNE	.8	.7	1.4	1.7	.5	.0						5.0	9.8
NE	.4	1.0	1.9	1.4	.4	.1						5.2	9.5
ENE	.6	1.0	1.4	.9	.2	.0						4.2	8.7
E	.8	1.4	2.2	.7	.2							5.3	7.5
ESE	.5	1.6	2.6	1.2	.1	.0						5.9	8.3
SE	.5	2.0	3.4	1.3	.2							7.4	8.3
SSE	.4	2.0	3.4	3.2	.7	.0						9.7	9.9
S	.5	1.5	4.4	6.4	1.4	.2						14.3	11.2
SSW	.4	.9	2.7	2.6	1.0	.2						7.8	11.2
SW	.2	.7	1.2	.5	.2	.1						2.9	9.6
WSW	.1	.5	.7	.3	.0	.1						1.7	9.0
W	.3	1.6	1.1	.4	.0	.0						3.4	7.4
WNW	.6	.8	1.2	.6	.6	.3						4.0	10.3
NW	.5	.8	1.1	1.5	.6	.2	.0					4.8	11.1
NNW	.2	.6	1.3	2.4	.8	.5	.0	.0				5.9	12.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.8	
	7.0	18.3	31.9	27.8	7.9	2.0	.1	.0				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2497

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	1.9	3.8	1.7	.6	.1					9.1	13.2
NNE	.1	.4	1.7	1.5	.5	.0						4.3	11.4
NE	.3	.6	2.0	1.5	.3	.0						4.6	10.0
ENE	.1	.7	1.8	1.4	.2							4.3	10.1
E	.2	1.2	1.8	.9	.1							4.4	8.3
ESE	.3	.9	1.6	1.3	.3	.0						4.5	9.6
SE	.3	1.1	1.9	1.7	.4	.0						5.4	9.8
SSE	.3	.8	1.9	3.4	.8	.1	.0					7.4	11.8
S	.4	.7	3.1	6.4	4.4	1.0	.1					16.1	14.2
SSW	.3	.4	1.8	4.4	3.3	1.0	.1	.0				11.3	14.9
SW	.1	.2	1.6	2.1	.9	.3						5.5	12.5
WSW	.2	.2	.8	.8	.2	.1						2.3	11.0
W	.3	.3	.5	.7	.4	.2						2.4	11.9
WNW	.3	.4	.7	1.1	.7	.3	.1	.0				3.7	13.3
NW	.2	.8	.8	1.3	.9	.5	.0					4.5	13.0
NNW	.3	.5	1.7	3.1	1.9	.5						8.1	12.4
VARBL													
CALM												2.3	
	4.2	10.0	25.6	35.5	17.1	4.8	.4	.1				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 2701

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	2.8	3.5	1.2	.4						8.9	12.1
NNE	.2	.8	1.5	1.9	.5	.1						5.0	10.8
NE	.3	.6	1.9	1.2	.2							4.2	9.6
ENE	.1	.9	2.4	1.1	.1							4.6	9.2
E	.5	1.3	1.7	.7	.0							4.2	7.6
ESE	.2	.7	1.1	1.2	.3	.0						3.4	10.1
SE	.2	.6	2.0	1.4	.5	.1						4.7	10.4
SSE	.2	.7	1.9	3.3	1.6	.1	.0					7.6	12.4
S	.3	.8	2.8	5.6	5.2	2.0	.1					16.9	15.1
SSW	.3	.4	1.7	4.2	2.9	1.3	.3	.1				11.1	15.3
SW	.2	.3	.9	2.0	1.1	.2	.0					4.8	13.7
WSW	.3	.3	.7	.7	.3	.2						2.5	11.3
W	.3	.5	.5	.7	.3	.3	.1					2.7	12.2
WNW	.0	.3	.8	1.3	.4	.3	.1					3.3	13.1
NW	.2	.6	1.0	1.4	1.0	.5	.0					4.8	13.6
NNW	.3	.6	2.1	3.1	2.1	.6						8.7	12.4
VARBL													
CALM												2.6	
	3.4	10.2	25.9	33.2	17.6	6.0	.7	.1				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 2707

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	2.2	4.1	.9	.3						8.9	11.8
NNE	.2	.7	2.0	2.1	.4	.1						5.5	10.9
NE	.3	1.0	1.8	1.2	.3							4.6	9.5
ENE	.5	1.2	1.7	1.1	.2	.0						4.7	8.8
E	.5	1.0	1.9	.7	.1							4.3	8.1
ESE	.4	.6	1.8	.9	.2	.0						4.0	9.2
SE	.3	.7	2.2	1.8	.4	.1						5.5	10.5
SSE	.3	.8	2.2	3.8	1.9	.4						9.4	12.8
S	.5	.9	2.6	6.4	4.6	2.3	.1					17.5	14.9
SSW	.3	.3	1.5	3.2	2.8	.6	.1					8.8	14.6
SW	.3	.3	.9	1.3	.5	.3	.0					3.7	12.7
WSW	.1	.3	.3	.4	.3	.3	.0					1.8	13.3
W	.4	.4	.3	.5	.3	.1	.1					2.1	10.5
WNW		.4	.6	.9	.3	.4	.1					2.8	14.0
NW	.3	.5	1.3	1.7	.8	.3	.0					4.9	12.3
NNW	.3	.6	1.6	3.7	1.9	.5	.0					8.7	13.3
VARBL													
CALM												2.8	
	5.2	10.9	26.9	33.6	16.0	6.0	.6					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 2677

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE ARB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	3.0	2.5	1.1	.2						9.8	9.9
NNE	.8	1.1	1.9	1.4	.4	.1						5.6	9.3
NE	1.1	1.7	1.8	1.2	.5							6.3	8.1
ENE	.8	1.4	1.6	.8	.1							4.7	7.2
E	1.1	2.0	2.1	.6	.1	.0						5.9	7.0
ESE	.4	1.7	2.3	.9	.1	.0						5.5	7.9
SE	.9	2.4	2.9	1.2	.7							8.0	8.4
SSE	.9	2.3	3.4	3.9	1.4	.2						12.1	10.3
S	.7	2.6	4.3	6.3	1.5	.3	.2					15.8	11.2
SSW	.4	.6	1.5	2.1	.2			.0				4.8	10.5
SW	.0	.4	.4	.1	.1	.0						1.0	9.1
WSW	.1	.4	.3	.2	.1							1.1	8.6
W	.1	.3	.3	.3	.2	.0						1.2	10.0
WNW	.1	.3	.5	.3	.2	.1	.0					1.6	11.3
NW	.4	.4	.7	.5	.2	.2						2.4	10.1
NNW	.5	1.1	1.9	1.6	.7	.0	.1					6.0	10.4
VARBL													
CALM												8.2	
	9.2	20.7	28.9	23.9	7.5	1.3	.4	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2265

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.4	2.1	.9	.2						6.5	10.5
NNE	.7	.5	1.4	1.6	.4	.1						4.7	9.9
NE	1.2	1.5	2.3	1.4	.4							6.8	8.3
ENE	1.0	.8	2.3	.9	.3							5.2	8.1
E	.7	2.2	2.2	.5		.1						5.7	7.0
ESE	1.0	1.7	3.3	1.3	.1	.1						7.5	8.0
SE	.9	3.8	3.8	1.4	.3							10.2	7.5
SSE	.4	1.8	4.6	3.9	1.4	.2						12.3	10.8
S	.4	2.8	4.2	4.1	1.3							12.9	10.2
SSW	.2	.6	1.3	1.9	.5							4.5	11.2
SW	.1	.4	.4	.2	.1							1.3	8.2
WSW	.2	.2	.4	.3	.1							1.1	8.6
W	.3	.3	.5	.2	.1							1.3	7.4
WNW	.3	.3	.5	.3	.2							1.6	8.9
NW	.4	.3	.4	.8	.3	.2		.1				2.6	11.9
NNW	.4	1.1	1.1	.7	.8	.2	.1					4.5	10.9
VARBL													
CALM												11.5	
	8.9	19.6	30.4	21.4	7.1	1.0	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1836

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-44-46-49-63-65-67-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.9	2.3	.3	.2	.1						4.5	7.7
NNE	.8	.9	1.4	1.3	.1	.1						4.5	8.7
NE	.5	1.3	1.6	.3	.1							3.8	7.2
ENE	.4	1.1	1.3	.6	.1							3.5	7.7
E	1.3	2.0	2.3	.3								5.9	6.2
ESE	1.6	3.5	2.1	.8	.1							8.2	6.2
SE	1.0	4.5	4.4	1.6	.1							11.8	7.4
SSE	1.3	3.0	5.8	3.6	.4							14.1	8.8
S	1.0	2.0	3.8	4.6	.9	.2						12.5	10.2
SSW	.3	.9	1.8	1.7	.7	.1		.1				5.7	11.1
SW	.3	.3	1.0	.3	.1							2.0	8.0
WSW	.2	.4	.5	.4	.1	.2						1.9	10.2
W	.4	.7	.5		.1	.1						1.8	6.1
WNW	.6	.5	.6	.3								2.0	6.5
NW	.4	.4	1.3	.4	.4	.1						2.9	9.3
NNW	.4	.8	1.2	1.0	.1							3.5	8.5
VARBL													
CALM												11.6	
	11.3	23.3	32.1	17.3	3.3	.8		.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1642

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.5	1.2	.0	.0						4.4	8.3
NNE	.5	.7	1.6	1.0	.3	.1						4.1	9.3
NE	.4	1.1	1.7	.9	.1							4.1	8.2
ENE	.3	1.4	1.0	.6	.1	.0						3.5	7.9
E	1.1	1.7	1.2	.2								4.2	5.5
ESE	1.3	3.2	2.9	.5	.1							7.9	6.5
SE	1.6	2.7	3.4	1.6	.1							9.4	7.4
SSE	1.4	3.4	5.3	3.6	.2	.0	.0					14.0	8.5
S	1.1	3.2	4.5	4.6	1.0	.1						14.5	9.7
SSW	.4	.9	1.6	1.7	.3							4.9	9.7
SW	.3	.9	1.2	.2	.1	.0						2.9	7.6
WSW	.1	.4	.2	.4	.1							1.3	8.9
W	.6	1.1	.4	.3								2.5	6.0
WNW	.7	.7	.6	.6	.0	.0		.0				2.8	8.2
NW	.1	.8	.7	.4	.1							2.2	8.2
NNW	.7	1.2	1.3	.9	.4							4.5	8.5
VARBL													
CALM												12.7	
	11.3	24.5	29.1	18.7	3.2	.4	.0	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2058

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44,46,49-75 (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	.6	.9	2.0	1.9	.4	.0						5.8	9.7
NNE	.3	.9	1.9	1.9	.4	.0						5.4	9.9
NE	.1	1.1	1.5	.8	.1							3.6	8.8
ENE	.6	1.2	1.3	.7	.2							3.9	7.8
E	.7	1.5	1.4	.5	.1	.0						4.1	7.0
ESE	1.1	2.4	2.4	.7	.2	.0		.0				6.9	7.2
SE	1.0	2.6	3.2	1.3	.2							8.2	7.5
SSE	.8	3.0	4.2	3.4	.5	.0						12.0	9.2
S	.7	1.9	5.2	6.7	1.9	.2						16.5	11.2
SSW	.4	1.2	2.7	2.9	.8	.1	.0					8.0	10.7
SW	.4	1.0	1.1	.4	.0							2.9	7.4
WSW	.4	.4	.8	.2	.0	.0	.0					2.0	7.8
W	.6	.7	.8	.2	.0	.0	.0					2.4	7.3
WNW	.2	1.1	1.5	.6	.2	.0	.0					3.7	8.8
NW	.5	.7	.8	.7	.2		.1					3.0	9.0
NNW	.4	.4	1.3	1.7	.4	.0	.0					4.3	10.9
VARBL													
CALM												7.2	
	8.6	21.0	32.2	24.6	5.4	.6	.3	.0				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2539

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42;44-46,49-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.9	2.7	.8	.2						7.2	10.9
NNE	.4	.6	1.5	1.6	.4	.1						4.6	10.3
NE	.3	.7	1.4	1.2	.1							3.7	9.1
ENE	.2	.8	1.7	.8								3.5	8.4
E	.5	1.2	1.6	.5	.1							3.9	7.4
ESE	.4	1.2	1.8	.7	.1							4.4	8.1
SE	.4	1.1	2.2	1.7	.3	.1						5.8	9.7
SSE	.5	1.0	2.9	2.7	.8	.2						8.0	10.8
S	.5	1.2	4.7	8.5	4.3	1.3	.0					20.6	13.5
SSW	.1	1.0	3.6	6.5	2.8	.6	.0					14.7	13.1
SW	.4	.8	1.7	1.9	.3							5.0	10.1
WSW	.2	.3	.7	.8	.2	.1						2.2	10.5
W	.2	1.1	.6	.8	.1	.1						2.9	9.9
WNW	.3	.5	1.0	.5	.1	.3	.1					2.7	10.7
NW	.1	.6	.6	1.1	.2	.1	.0					2.7	11.1
NNW	.2	.6	1.3	1.9	.4	.2	.0					4.7	11.7
VARBL													
CALM												3.6	
	4.8	14.0	29.1	33.9	11.1	3.1	.2					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 2718

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) . VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-44=46-49=75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	2.2	1.9	.9	.1						6.1	11.3
NNE	.3	1.1	1.6	1.7	.2							5.0	9.5
NE	.3	.6	1.4	.9	.1	.1						3.4	9.2
ENE	.3	.8	1.8	1.0	.1							3.9	8.9
E	.4	1.0	1.2	.8	.0							3.5	7.9
ESE	.7	1.2	2.2	.9	.0							5.1	7.9
SE	.3	1.2	2.5	1.5	.2	.2						5.9	9.4
SSE	.8	.7	2.9	3.1	.9	.3						8.8	11.1
S	.4	1.4	4.1	10.9	4.8	2.2	.1					23.9	14.2
SSW	.4	.9	3.0	4.9	2.2	.6						12.0	12.7
SW	.2	1.0	1.0	1.3	.6	.1						4.2	10.6
WSW	.2	.4	.7	.7	.2	.1						2.3	10.4
W	.3	.4	.7	.5	.1	.1						2.1	9.8
WNW	.3	.3	.6	.7	.4	.0						2.3	10.9
NW	.3	.6	1.0	1.3	.4	.1						3.6	10.7
NNW	.3	.6	1.5	2.1	.6		.0					5.1	11.2
VARBL													
CALM												2.6	
	5.8	13.0	28.4	36.3	12.0	3.9	.1					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2719

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44446,49-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	2.2	2.3	.2	.1	.0					6.2	10.2
NNE	.4	.7	2.3	1.9	.1	.0						5.4	9.5
NE	.1	.9	1.8	.7	.1							3.7	8.8
ENE	.4	.5	2.1	.8	.0							3.8	8.6
E	.7	.7	1.7	.5	.0							3.7	7.4
ESE	.4	1.0	2.2	.9	.2							4.6	8.7
SE	.6	1.2	3.0	2.0	.2	.1						7.0	9.2
SSE	.3	1.1	4.6	5.1	1.7	.2						12.9	11.8
S	.6	1.4	4.7	10.3	5.4	1.9						24.3	13.9
SSW	.1	.8	1.9	3.6	1.5	.2						8.2	12.6
SW	.2	.1	.7	.9	.2	.3	.1					2.5	12.4
WSW	.2	.6	.9	.3	.2	.0						2.2	8.9
W	.4	.4	.5	.3	.1	.1						1.8	8.9
WNW	.1	.4	1.0	.8	.2		.0					2.6	10.3
NW	.1	.6	1.2	.9	.3	.0		.0				3.1	10.8
NNW	.2	.5	1.8	2.0	.7							5.3	11.0
VARBL													
CALM												2.7	
	5.1	11.8	32.7	33.4	11.1	2.9	.1	.0				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 2681

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-44-46-49-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	2.2	1.4	.3	.3						6.2	9.2
NNE	.8	1.5	2.3	1.0	.0							5.6	7.7
NE	.5	1.0	1.4	.6	.1							3.6	7.8
ENE	.8	1.7	2.4	.4								5.3	6.7
E	1.4	1.5	2.4	.5	.1							5.8	6.6
ESE	1.1	2.4	2.4	1.0	.1							7.0	7.2
SE	.8	2.6	4.3	2.3	.1							10.1	8.4
SSE	1.1	3.5	6.8	6.2	1.6	.1	.0					19.3	10.1
S	1.0	2.8	5.7	5.9	2.0	.3						17.6	10.7
SSW	.3	.7	1.5	.4	.3							3.1	9.0
SW	.2	.6	.3	.2	.0							1.3	7.1
WSW	.1	.1	.3	.0	.0							.5	8.2
W	.5	.1	.2	.2	.0							1.0	6.3
WNW	.2	.2	.3	.3	.1							1.1	9.3
NW	.3	.5	.6	.3	.1							1.7	7.8
NNW	.5	1.1	1.5	.9	.1							4.1	8.2
VARBL													
CALM												6.4	
	10.0	21.6	38.4	21.7	5.1	.7	.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2306

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.5	.9	1.0	.3	.2						4.0	9.0
NNE	.8	.8	1.3	.7	.1							3.7	8.0
NE	.7	.8	2.3	.4	.1							4.3	7.6
ENE	.5	1.4	2.1	.5								4.5	7.0
E	1.0	2.3	2.8	.5	.1							6.7	6.6
ESE	1.2	2.4	2.6	.5	.1							6.8	6.5
SE	1.6	4.3	7.1	2.7	.2							16.0	7.9
SSE	.7	3.5	6.5	4.7	1.0	.3	.1					16.6	9.8
S	1.1	2.9	3.2	3.5	.6	.2						11.5	9.2
SSW	.5	1.1	1.3	.8	.3	.1						3.9	8.5
SW	.4	.7	.5	.1	.1	.1						1.7	6.8
WSW	.2	.2	.3	.2	.1							.8	7.9
W	.7	.4	.1			.1						1.2	4.6
WNW	.4	.5	.3	.2	.2	.1						1.6	8.5
NW	.5	.4	.7	.6	.1	.1						2.5	8.6
NNW	.7	1.0	1.2	.6	.1	.1						3.6	7.8
VARBL													
CALM												10.6	
	11.9	23.3	33.1	17.0	3.1	.9	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1911

USAFETAC FORM 0-8-5 (OL A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.9	.5	.3	.1	.1					2.6	9.8
NNE	.3	.5	.9	.2	.1		.1					2.0	8.2
NE	.7	1.3	1.4	.5	.1							4.0	6.9
ENE	.3	1.1	1.2	.7	.1							3.5	7.9
E	1.1	1.8	2.0	.4	.1							5.4	6.5
ESE	1.3	3.1	2.6	1.0								8.0	6.6
SE	2.4	6.1	5.5	1.0	.2							15.1	6.5
SSE	1.7	4.7	8.0	4.4	.5	.1						19.3	8.5
S	1.5	2.4	6.0	4.7	1.5	.5	.1					16.8	10.4
SSW	.5	1.1	2.8	2.2	1.0	.2	.1					7.9	10.8
SW	.3	.3	.6	.5	.2	.1						2.0	9.3
WSW	.1	.2	.2	.2	.1							.8	9.8
W	.2	.3	.4	.1	.1			.1				1.1	9.5
WNW	.2	.3	.1	.1	.1	.1						1.0	9.5
NW	.3	.1	.3	.1	.1							.9	6.9
NNW	.3	.7	.5	.2	.1	.1						1.8	7.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.8	
	11.8	24.6	33.3	16.9	4.4	1.0	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1743

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46;49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	.9	.6	.1	.0						3.3	7.4
NNE	.6	.7	.4	.6	.3							2.7	8.3
NE	1.0	1.3	1.3	.5	.1							4.2	6.8
ENE	.4	1.4	1.7	.4	.1							4.0	7.5
E	.9	1.2	2.0	.3	.0							4.5	6.7
ESE	1.2	2.3	2.7	.5								6.7	6.4
SE	1.7	4.8	4.8	.9	.0	.0						12.3	6.7
SSE	1.6	5.4	7.1	2.1	.4							16.7	7.6
S	1.4	4.2	7.5	5.5	1.1	.2						19.9	9.3
SSW	.4	1.1	2.3	2.1	1.1	.0						7.2	10.7
SW	.5	.6	.9	.2								2.2	6.4
WSW	.3	.5	.8	.2	.0							1.8	7.5
W	.5	.7	.4	.1	.0							1.8	5.8
WNW	.4	.5	.6	.2	.0							1.9	6.9
NW	.4	.3	.2	.2	.0							1.1	6.4
NNW	.2	.4	.5	.4	.1	.1						1.8	8.9
VARBL													
CALM												8.1	
	12.2	26.7	34.1	14.8	3.6	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2090

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.5	.7	.2	.0	.0					3.8	8.9
NNE	.5	.7	1.5	.9	.2							3.7	8.6
NE	.3	1.1	1.8	.5	.0	.1						3.7	8.2
ENE	.6	1.0	1.6	.4	.2							3.8	7.8
E	.6	1.5	1.7	.6	.1							4.5	7.4
ESE	.6	2.2	2.4	1.0	.1							6.3	7.6
SE	1.0	2.4	3.8	1.2	.1							8.6	7.4
SSE	1.0	3.2	5.8	2.9	.5	.0						13.4	8.6
S	1.2	3.1	7.6	7.7	1.8	.4						21.8	10.6
SSW	.4	1.3	3.1	4.8	2.1	.7						12.5	12.6
SW	.2	1.0	1.2	.7	.3							3.4	8.9
WSW	.1	.6	.8	.5	.1							2.2	8.6
W	.3	.6	.3	.3								1.5	6.2
WNW	.5	.4	.5	.1								1.2	6.3
NW	.2	.3	.3	.2								1.1	7.4
NNW	.4	.6	.7	1.0	.2	.0						3.0	9.8
VARBL													
CALM												5.6	
	8.0	21.0	34.6	23.5	5.9	1.3	.0					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2610

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.4	1.4	.2	.1						4.0	10.1
NNE	.4	.8	1.9	1.1	.1							4.3	8.7
NE	.4	.7	1.2	.7	.1							3.2	8.6
ENE	.3	.9	1.7	.5								3.3	7.8
E	.6	1.0	2.3	.5	.1							4.6	7.8
ESE	.3	1.2	1.6	1.0	.1							4.3	8.7
SE	.4	1.2	2.3	1.7	.1							5.8	9.2
SSE	.5	1.1	3.5	2.6	.4	.1						8.4	9.8
S	.9	1.9	5.6	9.4	2.9	.8	.0					21.4	12.1
SSW	.5	1.0	4.2	8.9	4.2	1.3	.1					20.3	13.7
SW	.4	.8	1.8	2.5	.8	.1						6.4	11.4
WSW	.3	.6	1.2	.8	.1							2.9	9.0
W	.4	.6	.9	.4		.0						2.4	7.6
WNW	.2	.4	.6	.3	.1							1.6	8.4
NW	.3	.3	.7	.4	.0							1.7	8.4
NNW	.4	.4	.7	.7	.2							2.4	9.4
VARBL													
CALM												3.0	
	6.5	13.6	31.6	33.1	9.6	2.5	.2					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 2766

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	1.4	1.3	.3	.1						4.5	9.8
NNE	.4	.8	1.6	1.2	.1							3.9	8.7
NE	.5	.6	1.6	1.0	.0							3.8	8.6
ENE	.3	.7	1.4	.5	.0							2.9	8.0
E	.3	1.0	1.9	.9								4.1	8.1
ESE	.3	1.0	1.9	.6	.1							3.9	8.0
SE	.4	1.4	2.8	1.4	.2	.0						6.2	8.8
SSE	.5	1.3	4.0	4.0	.6	.1	.1					10.6	10.5
S	.5	1.9	6.5	11.6	3.7	1.3	.0					25.5	12.8
SSW	.4	.8	3.7	8.0	4.3	.8	.1					18.3	13.8
SW	.3	.5	1.7	1.8	.4	.1						4.8	10.6
WSW	.2	.4	.4	.5	.1							1.7	9.4
W	.4	.5	.6	.2								1.7	6.6
WNW	.1	.4	.4	.3	.0							1.3	8.1
NW	.2	.4	.7	.5	.0							1.8	8.6
NNW	.3	.4	.6	.5	.3							2.1	9.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.9	
	5.7	12.9	31.2	34.4	10.2	2.5	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 2765

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — JUN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	2.0	1.4	.1	.0						4.8	9.3
NNE	.5	.7	1.5	1.0	.1							3.8	8.6
NE	.2	.9	1.3	.6	.1		.0					3.2	8.8
ENE	.3	.6	1.1	.8		.0						2.9	8.9
E	.3	1.0	2.1	.7	.1							4.2	8.1
ESE	.4	1.0	2.4	1.7	.1							5.5	9.3
SE	.2	1.1	3.9	2.1	.4	.1						7.9	9.7
SSE	.7	1.3	4.7	6.3	2.0	.1						15.1	11.5
S	.6	2.0	5.1	12.4	6.0	1.3	.1					27.5	13.6
SSW	.2	.7	2.4	6.0	3.0	.6	.1	.0				13.0	13.9
SW	.1	.6	1.0	.8	.2	.0						2.7	9.9
WSW	.2	.1	.4	.3								1.0	8.3
W	.1	.5	.4	.2	.1							1.3	7.9
WNW	.2	.4	.5	.2								1.3	7.7
NW	.3	.1	.5	.1	.0							1.0	7.4
NNW	.2	.4	.7	.3	.3			.0				1.9	9.3
VARBL													
CALM												2.7	
	4.8	12.4	30.2	34.8	12.6	2.1	.3	.1				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2713

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.0	1.1	.9	.3							4.1	8.3
NNE	.5	.7	1.7	.4	.1	.0						3.5	7.7
NE	.4	.8	1.0	.4								2.7	7.4
ENE	.4	.7	1.8	.8	.1							3.8	8.4
E	.6	2.2	3.0	.4		.0						6.3	6.9
ESE	1.2	2.2	3.8	.8	.0							8.1	7.2
SE	.6	2.3	5.8	2.9	.2	.1						11.9	8.9
SSE	.8	2.6	6.9	9.8	1.6	.2						21.9	10.9
S	.5	2.3	6.0	10.4	4.0	.9	.0					24.2	12.6
SSW	.2	.6	1.7	2.7	.4	.2	.0					5.7	11.5
SW	.0	.4	.5	.3				.0				1.2	8.9
WSW	.2	.1	.3									.5	5.8
W	.1	.1	.2		.0							.4	7.0
WNW	.2	.0	.1	.0	.0							.4	6.8
NW	.2	.1	.2	.0	.1							.6	8.7
NNW	.1	.5	.5	.2	.0							1.4	7.6
VARBL													
CALM												3.3	
	7.0	16.7	36.5	30.0	6.9	1.5	.1	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2367

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	.7	.3	.0							2.5	6.5
NNE	.1	.9	.9	.3	.0	.0						2.4	8.0
NE	1.0	1.2	1.2	.3								3.8	6.4
ENE	.4	1.3	1.5	.5								3.7	7.2
E	1.4	2.3	2.7	.4	.0	.1						6.9	6.5
ESE	1.6	3.1	3.5	1.0	.0							9.2	6.7
SE	1.5	7.2	7.4	1.7								18.2	6.8
SSE	1.5	4.7	9.7	6.9	1.1	.3						24.3	9.4
S	.7	2.5	5.4	4.9	1.6	.4						15.5	10.7
SSW	.2	.8	1.7	1.1	.1	.1						4.0	9.4
SW	.1	.2	.1	.0								.3	6.0
WSW	.1	.0	.1		.0							.3	7.3
W	.2	.2	.2		.1							.7	7.8
WNW	.1	.2	.1	.0	.1							.6	8.4
NW	.0	.2	.0	.0		.0						.4	8.0
NNW	.1	.1	.1	.0	.0							.5	7.2
VARBL													
CALM												6.3	
	10.0	26.1	35.4	17.7	3.4	1.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2026

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-63,66-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.7	.4	.3	.1							2.2	5.8
NNE	.7	.6	.6	.3	.2							2.3	7.0
NE	.3	.7	.9	.3								2.3	7.2
ENE	1.0	1.9	1.7	.3	.1							5.1	6.4
E	1.3	2.1	1.9	.2	.1							5.7	6.0
ESE	1.6	2.9	2.6	.2	.1							7.4	6.0
SE	3.4	4.9	5.0	1.1								14.3	6.1
SSE	2.7	4.5	7.5	2.7	.1							17.4	7.4
S	2.4	4.5	7.3	3.6	.4							18.2	8.0
SSW	1.0	1.9	3.9	1.9	.1							8.7	8.1
SW	.8	.7	1.2	.3	.1							3.1	6.7
WSW	.5		.2									.7	3.3
W	.3	.3	.3	.1								.9	6.1
WNW	.2	.1	.3	.1	.1							.6	7.5
NW	.2	.2	.3	.1			.1					.7	7.9
NNW	.4	.1	.7	.2	.2							1.6	8.3
VARBL													
CALM												8.7	
	17.8	26.0	36.7	11.6	1.2		.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1802

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6	.6	.3	.0	.0						2.6	6.6
NNE	.7	.6	1.0	.4								2.7	6.7
NE	.7	1.3	1.1	.3	.0							3.4	6.4
ENE	1.1	1.3	.9	.1								3.4	5.5
E	1.6	2.2	1.6	.2								5.5	5.4
ESE	1.7	2.8	2.1	.4								7.0	5.8
SE	2.7	4.2	3.7	.5	.1							11.2	6.0
SSE	2.7	4.8	5.0	1.2								13.7	6.4
S	2.4	5.0	7.5	4.2	.2		.0					19.4	7.9
SSW	1.4	2.6	4.0	2.1								10.2	7.7
SW	.6	1.8	1.4	.1	.0							4.0	6.3
WSW	.2	.7	.7	.0								1.8	6.2
W	.3	.6	.3									1.2	5.0
WNW	.3	.3	.3	.1								1.1	6.3
NW	.4	.5	.4	.0								1.3	5.3
NNW	.6	.4	.4	.2	.0							1.6	6.2
VARBL													
CALM												10.0	
	18.4	29.6	31.0	10.3	.6	.0	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2165

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.8	.2							2.2	6.3
NNE	.5	1.4	1.0	.7	.1	.0					3.6	7.6
NE	.7	1.2	1.2	.6	.2	.0					3.9	7.6
ENE	.7	1.3	1.5	.4		.0					3.9	6.7
E	.9	1.5	1.6	.5							4.5	6.5
ESE	1.1	1.7	1.9	.6							5.2	6.7
SE	1.5	3.1	3.2	1.1							8.9	6.7
SSE	1.9	3.8	5.1	2.1	.2						13.0	7.3
S	1.5	4.3	8.2	5.3	.6						19.9	8.9
SSW	.9	2.3	4.4	5.3	.8	.1					13.8	10.1
SW	.6	1.3	2.2	1.4	.1						5.5	8.3
WSW	.4	.6	.8	.5	.0						2.4	7.7
W	.5	.8	.9	.1	.0						2.3	6.2
WNW	.4	.5	.2	.0	.0						1.2	5.1
NW	.4	.3	.2		.1						.9	6.0
NNW	.3	.7	.6	.0							1.6	5.9
VARBL												
CALM											7.0	
	12.6	25.7	33.7	18.7	2.0	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2646

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.2	.5								3.1	7.1
NNE	.3	.8	1.1	.6	.1							3.0	8.1
NE	.7	.8	1.4	.7	.1							3.7	7.9
ENE	.6	1.4	1.7	.7	.0							4.4	7.4
E	.7	1.4	1.4	.7								4.2	7.2
ESE	.6	1.6	1.8	.5								4.5	6.9
SE	.8	1.8	2.1	1.2	.0							5.9	7.6
SSE	1.0	1.7	3.3	1.7	.1							7.8	8.2
S	1.2	2.7	6.7	5.9	1.1	.4						17.9	10.2
SSW	.8	2.0	7.3	8.8	2.3	.2						21.5	11.4
SW	.4	1.4	4.1	3.8	.9	.0						10.7	10.5
WSW	.7	1.1	1.2	2.1	.2							5.4	9.4
W	.3	.9	.5	.5	.1							2.2	7.6
WNW	.2	.5	.4		.0							1.1	6.1
NW	.4	.6	.3	.1	.0							1.4	5.8
NNW	.1	.3	.6	.2	.0							1.2	8.3
VARBL													
CALM												2.2	
	9.3	19.8	35.0	28.0	5.1	.6						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2813

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.3	.3	.1	.1						3.2	7.8
NNE	.2	.9	1.2	.7	.3							3.3	9.0
NE	.4	1.0	1.9	1.0	.0							4.3	8.3
ENE	.4	1.0	1.9	.5	.0							3.8	7.5
E	.9	1.8	2.1	.6								5.4	6.6
ESE	.8	1.4	2.1	.5	.0							4.8	7.1
SE	.7	1.5	2.8	.9	.1							6.0	7.8
SSE	.7	2.5	5.4	2.9	.2	.1						11.8	9.0
S	1.2	2.8	7.8	8.0	1.8	.3						21.9	10.7
SSW	.5	1.3	6.1	7.6	2.0	.6						18.1	11.9
SW	.4	.9	2.2	2.6	.4							6.4	10.5
WSW	.4	1.0	.7	1.0	.2							3.2	8.9
W	.5	.6	.7	.2								1.9	6.4
WNW	.3	.4	.2	.1								1.0	5.4
NW	.2	.3	.3	.2	.0							1.0	7.6
NNW	.1	.2	.4	.0	.1							.9	8.0
VARBL													
CALM												3.0	
	8.1	18.4	37.0	27.1	5.3	1.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2814

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	1.0	.4	.3	.1						2.7	9.0
NNE	.4	.8	1.3	1.1	.3	.0						3.9	9.2
NE	.4	.6	1.8	.9	.1							3.8	8.9
ENE	.5	1.3	1.9	.9	.1							4.7	8.1
E	.8	2.2	1.6	.6	.1	.0						5.4	6.8
ESE	.7	1.7	2.6	.9		.0						6.0	7.5
SE	1.0	2.2	3.1	1.8	.1	.0						8.2	8.1
SSE	.9	1.9	6.0	4.5	.8	.1						14.1	10.0
S	.6	2.5	7.8	10.8	2.3	.3						24.4	11.5
SSW	.1	1.3	4.6	7.3	1.8	.3						15.5	12.2
SW	.2	.4	1.3	1.4	.3	.0						3.7	11.0
WSW	.2	.3	.8	.4	.1							1.8	9.1
W	.3	.5	.3	.0	.1							1.2	6.3
WNW	.2	.3	.4	.1								.9	6.3
NW	.2	.3	.2	.0	.0							.8	6.1
NNW	.1	.4	.2	.1								.8	6.8
VARBL													
CALM												2.2	
	6.9	17.4	34.9	31.3	6.4	.9						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2772

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	.5	.3	.1		.0					1.8	7.6
NNE	.3	.6	1.0	.3	.1							2.3	8.1
NE	.4	.7	1.8	.6	.1							3.7	8.0
ENE	.7	1.7	1.8	.4	.0							4.5	6.7
E	1.4	1.8	2.1	.5	.1							5.9	6.5
ESE	1.2	3.0	2.9	1.5	.2							8.9	7.4
SE	1.3	3.0	6.0	3.4	.4							14.1	8.6
SSE	1.3	3.3	8.5	6.7	.6	.2						20.5	9.7
S	1.0	2.5	7.5	9.6	1.1	.2	.0					21.9	10.7
SSW	.5	1.0	3.1	3.1	.8							8.4	10.6
SW	.0	.2	.6	.4	.0	.0						1.4	10.1
WSW	.1	.2	.2	.0								.6	6.8
W	.2	.2	.3		.0							.7	6.7
WNW	.1	.1	.1	.1					.0			.5	10.2
NW	.2	.0	.0									.3	3.6
NNW	.2	.2	.4	.1	.0	.0	.0					1.0	8.7
VARBL													
CALM												3.6	
	9.5	18.9	36.8	27.0	3.7	.5	.1		.0			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2419

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.5	.1		.1						1.5	7.1
NNE	.4	.6	.5	.4	.0							2.0	7.2
NE	.9	1.0	1.6	.1	.1	.0						3.7	6.9
ENE	.6	2.1	1.9	.2	.0							4.9	6.5
E	1.7	2.9	1.7	.2	.1							6.7	5.7
ESE	1.8	2.8	3.1	.8								8.6	6.4
SE	3.6	5.1	8.6	1.9	.0							19.2	6.9
SSE	3.2	6.2	9.1	4.1	.4							23.0	7.5
S	1.7	3.7	7.8	3.6	.3	.0						17.1	8.4
SSW	.3	.6	2.5	.8	.3							4.5	9.4
SW	.3	.2	.5	.2								1.2	7.0
WSW	.4		.0									.4	3.0
W	.1	.0	.1									.3	5.3
WNW	.0	.1										.1	3.7
NW	.1	.0		.0	.1							.4	10.4
NNW	.1	.1	.1			.0						.4	7.9
VARBL													
CALM												5.9	
	15.8	25.9	38.1	12.4	1.6	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2077

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-63,65,72-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	.7									1.7	6.0
NNE	.3	.6	1.2	.4	.2	.1						2.9	8.8
NE	.7	1.0	1.4	.9	.1							4.1	7.5
ENE	.4	1.0	1.5	.4								3.3	7.1
E	1.2	1.3	1.6	.5								4.7	6.3
ESE	1.3	2.8	1.6									5.7	5.1
SE	2.4	5.6	5.2	.9								14.0	6.2
SSE	2.0	6.6	7.6	1.9	.2							18.2	7.0
S	2.0	4.6	9.2	2.9	.2							18.9	7.9
SSW	.6	1.5	4.9	3.1	.2		.1					10.4	9.2
SW	.3	1.1	1.0									2.3	6.3
WSW	.2	.3	.1									.6	5.0
W	.3	.2	.1									.6	4.2
WNW	.5	.2		.1	.1							.8	4.5
NW	.2	.3	.1	.2			.1					.8	8.2
NNW	.3	.3	.1	.1								.7	5.6
VARBL													
CALM												10.4	
	13.1	28.0	36.2	11.4	.8	.1	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1781

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	1.0	.3	.1							2.7	6.8
NNE	.7	1.5	1.1	.5	.0	.0						4.0	6.9
NE	.9	1.2	1.4	.4	.1							3.9	6.7
ENE	1.0	1.1	.7	.2								3.1	5.4
E	1.2	1.0	1.2	.2								3.5	5.8
ESE	1.6	2.0	1.6	.3	.0							5.4	5.6
SE	2.5	4.7	3.7	.4								11.3	5.7
SSE	2.3	6.1	6.1	.8								15.3	6.3
S	2.3	7.3	6.4	2.4	.2							18.7	7.0
SSW	.9	2.8	5.0	2.0	.1							10.8	8.1
SW	.6	1.5	1.5	.3								3.9	6.3
WSW	.3	.5	.3	.0								1.1	5.4
W	.4	.3	.2	.0								.9	5.2
WNW	.4	.4	.1	.1	.0							1.0	5.3
NW	.3	.4	.3	.4	.0							1.4	7.8
NNW	.2	.3	.5	.1								1.1	7.0
VARBL													
CALM												11.8	
	16.1	32.0	31.0	8.3	.7	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2203

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	.9	.4	.1							2.8	6.9
NNE	.7	1.2	.9	.6	.1							3.6	7.3
NE	.9	1.8	.9	.5	.1							4.2	6.5
ENE	.6	1.7	1.8	.3	.0	.0						4.5	6.8
E	1.2	1.4	1.1	.4								4.2	5.8
ESE	1.7	2.1	1.7	.4								5.9	5.7
SE	2.1	3.3	3.8	.6								9.8	6.2
SSE	1.8	4.7	5.9	1.7	.1							14.3	7.3
S	2.8	4.9	8.2	3.6	.3							19.8	7.7
SSW	1.1	2.4	4.4	3.8	.3							11.9	9.0
SW	.7	1.3	1.5	1.3	.4	.0						5.1	9.0
WSW	.4	.6	.4	.3	.1							1.7	7.0
W	.8	.5	.2	.1								1.6	4.5
WNW	.3	.4	.3									1.0	4.9
NW	.3	.3	.4	.1								1.1	6.1
NNW	.3	.5	.3	.3	.0							1.4	6.9
VARBL													
CALM												7.1	
	16.4	27.9	32.8	14.2	1.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2745

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	1.1	.4	.1							2.4	8.4
NNE	.6	.9	1.4	.7	.1	.1						3.8	8.2
NE	.6	1.2	1.3	.5								3.7	7.0
ENE	.6	1.3	1.7	.6	.1							4.2	7.4
E	.8	1.8	1.4	.4	.1							4.5	6.5
ESE	1.1	1.6	1.6	.6								4.8	6.7
SE	.8	1.4	1.8	.6	.1							4.8	7.3
SSE	.7	1.8	3.4	2.3	.2							8.4	8.8
S	1.5	3.1	7.4	5.8	1.0	.1						18.8	9.5
SSW	.8	2.1	6.6	8.5	1.2	.2						19.4	10.8
SW	.8	1.4	3.9	4.8	1.1	.1						12.0	10.9
WSW	.4	.5	1.0	1.2	.6	.1						3.8	11.0
W	.3	.2	.6	.4	.1							2.1	7.5
WNW	.3	.4	.3	.1								1.2	5.9
NW	.3	.4	.3	.2								1.2	6.6
NNW	.2	.3	.5	.2	.0							1.3	8.0
VARBL													
CALM												3.5	
	9.9	19.5	36.3	27.4	4.7	.6						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.2	.7	.1							3.5	7.8
NNE	.5	.9	1.8	1.1	.1							4.4	8.4
NE	.7	1.0	1.5	.5	.1							3.8	7.4
ENE	.4	1.2	1.4	.4	.0							3.5	7.2
E	.9	1.6	2.3	.5								5.3	6.5
ESE	.8	1.4	2.6	.6	.0							5.4	7.1
SE	1.0	1.6	2.6	1.0	.0							6.2	7.4
SSE	.5	2.3	3.8	2.6	.1							9.3	8.8
S	1.4	2.9	7.3	6.6	1.4	.3						19.8	10.2
SSW	.9	1.5	6.4	7.9	1.4	.4						18.5	11.3
SW	.5	1.7	3.0	3.6	.8	.0						9.7	10.5
WSW	.3	.6	.8	1.1	.1	.0						2.9	9.5
W	.4	.5	.4	.1								1.4	5.9
WNW	.3	.4	.5	.1	.0							1.4	6.0
NW	.1	.2	.4	.0		.0						.9	7.9
NNW	.2	.4	.6	.0								1.2	6.8
VARBL													
CALM												2.8	
	9.7	19.2	36.5	36.8	4.2	.8						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2928

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	1.2	.6	.1							3.2	7.7
NNE	.2	.8	2.0	1.3	.1							4.4	9.3
NE	.6	1.0	2.1	.8	.1							4.6	8.0
ENE	.7	1.3	1.8	.6	.0							4.4	7.1
E	.8	1.8	2.0	.3	.1							5.0	6.8
ESE	.5	1.8	2.3	.6	.0	.0	.0					5.3	7.6
SE	.9	2.0	3.7	2.0	.1							8.8	8.3
SSE	.6	1.8	5.0	3.9	.5							11.8	9.7
S	1.0	2.7	7.6	9.6	2.1	.2						23.2	11.0
SSW	.7	1.3	4.7	7.7	1.7	.3						16.5	11.7
SW	.4	.8	1.2	2.0	.3	.0		.0				4.8	10.5
WSW	.3	.2	.3	.3	.1							1.3	7.8
W	.1	.4	.3	.2								1.0	7.3
WNW	.1	.2	.2	.2	.0			.0				.8	9.1
NW	.1	.3	.3	.1	.0	.0						.8	8.6
NNW	.2	.3	.3	.1	.0			.0				1.0	7.5
VARBL													
CALM												2.8	
	7.9	17.7	35.1	30.3	5.4	.7	.0	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2866

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.5	.6	.1	.0						2.2	8.5
NNE	.4	1.0	1.1	.7	.2	.0						3.4	8.5
NE	.7	1.2	1.8	.5	.1	.0						4.4	7.5
ENE	.7	1.5	1.3	.7		.1						4.4	7.3
E	1.5	2.3	1.9	.2	.0							6.0	5.8
ESE	1.3	2.9	4.1	.6	.0	.0						9.0	6.9
SE	1.2	2.8	6.3	2.5	.0	.0						12.8	8.2
SSE	1.1	2.8	7.4	5.1	.2							16.6	9.3
S	1.1	3.5	9.2	6.9	1.0	.1						21.7	9.7
SSW	.3	1.2	4.5	3.6	.6	.0	.0					10.2	10.6
SW	.2	.2	.6	.3	.0	.0						1.4	8.6
WSW	.3	.1	.2	.0	.0							.6	5.7
W	.2	.3	.1	.0								.6	4.8
WNW	.2	.1		.0	.0							.4	5.7
NW	.1	.1	.1	.1								.4	7.8
NNW	.1	.0	.3	.0	.0		.0					.6	9.7
VARBL													
CALM												5.2	
	9.7	20.6	39.4	22.1	2.4	.4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2469

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.3	.5	.2								1.1	8.1
NNE	.5	1.2	.9	.6								3.2	7.2
NE	.5	1.1	1.2	.4								3.2	7.0
ENE	.7	1.0	1.7	.3	.1	.0						3.9	7.4
E	1.2	2.7	1.8	.4	.0	.0						6.1	6.2
ESE	2.3	4.1	3.1	.3								9.9	5.7
SE	2.3	5.7	7.7	1.2								16.9	6.8
SSE	1.3	5.3	10.6	2.7	.2	.0						20.0	7.9
S	1.3	3.2	9.3	4.2	.0							18.0	8.6
SSW	1.0	1.0	2.7	1.7								6.3	8.2
SW	.1	.3	.7	.2								1.4	8.4
WSW		.2	.4	.1								.7	7.2
W	.2	.1	.1									.5	4.2
WNW	.1	.0		.1								.3	6.0
NW	.1	.0	.0									.2	4.5
NNW	.1	.2	.0	.1	.0							.5	8.7
VARBL													
CALM												7.9	
	11.6	26.6	40.8	12.6	.4	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2071

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

DATA PROCESSING BRANCH
1 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-60,63,72-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.0	.7	.3	.4						4.4	9.2
NNE	.5	1.0	1.5	1.7	.4	.1						5.2	9.8
NE	.3	1.6	1.5	1.2	.1							4.8	8.5
ENE	.8	1.4	1.4	.7	.1							4.4	7.3
E	1.3	1.7	2.0	.5								5.5	6.3
ESE	1.9	3.0	1.8	.3								6.9	5.5
SE	2.6	5.1	5.9	.6	.1							14.1	6.3
SSE	1.5	4.0	6.3	2.3	.2							14.2	7.8
S	1.7	3.5	6.5	2.7	.3	.1						14.7	8.2
SSW	.4	1.2	3.7	2.1	.2							7.6	9.3
SW	.3	.6	1.1	.1								2.2	6.7
WSW	.2	.4	.2									.8	4.9
W	.3	.2	.5	.1								1.1	7.2
WNW	.3	.5	.4									1.1	5.8
NW	.2	.2	.2	.1								.7	6.3
NNW	.6	1.0	.5		.1	.1						2.1	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.2	
	13.5	26.5	36.4	13.0	1.7	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1737

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	1.4	1.0	.3	.2						6.1	7.9
NNE	.7	1.2	2.2	1.0	.7	.1						5.7	9.3
NE	.9	1.3	2.1	.8	.0							5.1	7.4
E	.7	.9	1.4	.4	.0							3.4	7.2
	.7	1.3	1.4	.4	.1							3.8	6.7
E	1.7	1.5	1.9	.2	.0							5.4	5.6
SE	2.4	4.5	3.6	.4								10.8	5.8
SSE	1.9	4.5	6.3	1.5	.1							14.3	7.0
S	1.5	3.9	6.9	2.7	.1							15.2	7.9
SSW	.4	1.2	3.6	1.8	.2		.0					7.2	9.3
SW	.3	1.1	1.2	.2		.0	.0					3.0	7.3
WSW	.4	.5	.2	.0	.0							1.3	5.7
W	.4	.4	.3									1.2	4.9
WNW	.8	.8	.3	.1								1.9	4.9
NW	.5	.3	.4	.2								1.4	6.4
NNW	.8	.8	1.0	.3	.1							3.0	6.6
VARBL													
CALM												11.3	
	15.6	26.0	33.9	11.1	1.8	.3	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2132

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	2.0	1.3	.5	.1	.0					6.6	8.6
NNE	.8	1.6	1.8	1.7	.3	.1						6.3	8.7
NE	1.0	1.2	1.7	.8	.0							4.8	7.3
ENE	.6	1.1	2.2	1.0								4.8	8.1
E	1.4	1.0	1.4	.5	.0							4.4	6.2
ESE	1.2	1.1	1.2	.3	.0							3.8	5.8
SE	1.7	3.6	3.9	.6	.0							9.9	6.4
SSE	1.6	3.8	4.8	2.2	.1							12.4	7.5
S	1.2	3.9	6.9	4.6	.6	.0						17.2	8.9
SSW	.7	1.2	3.1	3.0	.6	.1						8.6	10.2
SW	.3	.6	1.3	.3	.1							2.6	7.7
WSW	.4	.5	.3	.2	.0							1.4	6.3
W	.7	.5	.4	.2								1.7	5.3
WNW	.6	.5	.3	.1								1.5	5.1
NW	.8	.7	.3	.3								2.1	5.4
NNW	.7	.8	1.0	.6	.1	.1						3.2	7.9
VARBL													
CALM												8.6	
	14.8	23.7	32.4	17.7	2.4	.4	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1604

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.2	2.3	1.6	.5	.1						6.4	9.5
NNE	.5	1.1	2.2	1.8	.5	.1						6.2	10.1
NE	.5	.9	1.9	1.2	.5							5.1	9.5
ENE	.4	.9	2.6	1.0	.3							5.1	9.1
E	.9	1.3	1.5	.6	.1							4.5	7.1
ESE	.8	.9	1.6	.5	.1							3.9	7.4
SE	.9	1.0	1.8	.6	.1							4.5	7.1
SSE	.9	1.0	3.8	2.4	.4							8.5	9.5
S	1.1	2.0	5.8	7.9	1.9	.2						18.8	11.0
SSW	.7	1.2	4.8	7.1	2.7	.7						17.3	12.3
SW	.6	1.2	1.6	2.2	.9	.1						6.7	10.8
WSW	.4	.3	.8	.7	.2	.1						2.4	9.9
W	.5	.4	.6	.2		.0						1.8	6.6
WNW	.0	.4	.3	.2								.9	7.2
NW	.3	.4	.4	.3	.0							1.5	7.3
NNW	.1	.8	.8	.6	.3	.1	.0					2.7	10.2
VARBL													
CALM												3.7	
	9.4	15.1	32.9	29.0	8.5	1.6	.0					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2776

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 62-66,69-75 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1600 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.0	2.0	.8	.1						6.8	10.0
NNE	.3	1.3	2.3	2.4	.3	.1						6.6	10.0
NE	.5	1.4	1.6	1.9	.0							5.4	9.0
ENE	.6	1.1	2.1	.9	.1							4.9	8.2
E	.9	1.0	1.5	.3	.0							3.7	6.5
ESE	1.0	1.4	1.6	.5								4.6	6.4
SE	.7	1.0	2.3	.7	.1							4.8	7.8
SSE	.9	1.7	4.0	2.5	.6	.0						9.7	9.3
S	1.1	1.5	5.5	9.0	2.5	.6						20.3	11.9
SSW	.4	.8	4.2	6.2	2.9	1.0						15.6	13.0
SW	.4	.8	1.8	2.0	.8	.1						5.8	11.2
WSW	.1	.5	.7	.3	.1	.1						1.8	9.3
W	.4	.4	.5	.3		.0						1.6	7.6
WNW	.1	.3	.4	.4	.1							1.2	9.0
NW	.3	.2	.3	.2	.1	.0						1.1	8.8
NNW	.3	.6	.7	.8	.3	.2						2.9	10.3
VARBL													
CALM												3.3	
	8.7	15.2	31.5	30.3	8.9	2.2						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2788

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	2.1	2.4	.8	.2						7.1	10.3
NNE	.8	1.6	1.9	2.1	.4	.1						6.9	9.4
NE	.5	1.1	2.7	1.5	.0							5.9	8.7
ENE	.7	1.4	1.6	1.0	.3							5.0	8.3
E	1.2	1.6	2.2	.3	.1	.1						5.4	6.6
ESE	.8	1.5	2.0	.4								4.7	6.6
SE	.8	1.4	3.0	1.5		.0						6.7	8.2
SSE	.8	1.9	3.9	4.8	.6							12.0	10.1
S	1.0	1.6	6.4	8.8	2.7	.8						21.2	12.1
SSW	.2	.5	3.3	5.7	2.3	.5						12.6	13.1
SW	.4	.6	1.0	.8	.2	.0						3.1	9.3
WSW	.1	.4	.1	.3	.1	.0						1.0	9.0
W	.2	.4	.3	.3	.0							1.3	7.5
WNW	.2	.4	.2	.3								1.0	7.7
NW	.3	.3	.2	.2	.1							1.1	7.2
NNW	.2	.5	.6	.8	.2	.1	.0					2.4	10.9
VARBL													
CALM												2.5	
	8.7	16.4	31.7	31.0	7.7	1.9	.0					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2729

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.7	1.2	.6	.2						5.7	9.4
NNE	.8	1.5	2.2	1.7	.6							6.8	9.0
NE	.9	1.7	1.7	.9	.3							5.6	7.8
ENE	1.1	1.7	1.7	.6								5.1	6.5
E	2.0	2.3	1.8	.5								6.6	5.6
ESE	1.7	2.4	2.2	.1								6.5	5.6
SE	2.0	3.3	4.7	1.6	.1			.0				11.7	7.2
SSE	1.2	4.1	7.7	3.9	.2							17.0	8.4
S	1.7	3.6	6.6	4.2	1.1	.1						17.3	9.1
SSW	.2	.7	2.2	2.0	.2	.0		.0				5.3	10.3
SW	.1	.4	.3	.1								1.0	7.2
WSW	.0	.1	.1	.1	.0			.0				.4	11.3
W	.3	.1	.2	.1								.7	6.2
WNW	.0	.1	.2	.1	.0							.4	9.7
NW	.3	.3	.2									.8	4.9
NNW	.3	.5	.5	.3	.1	.0						1.7	8.4
VARBL													
CALM												7.7	
	13.6	24.1	33.9	17.4	3.2	.3		.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2359

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.5	.8	.3	.2						4.4	9.4
NNE	.9	1.0	1.2	1.7	.3							5.2	9.0
NE	1.1	1.5	2.5	1.6	.1							6.9	7.8
ENE	.7	1.3	1.5	.2	.2							4.0	7.0
E	1.8	1.7	1.7	.4								5.7	5.7
ESE	1.9	4.0	2.0	.4	.0							8.5	5.6
SE	2.0	5.6	6.6	1.0	.1							15.4	6.7
SSE	1.7	4.6	9.0	3.1	.4							18.9	8.1
S	1.4	2.0	6.1	2.8	.5	.0						12.9	8.8
SSW	.2	.6	1.8	1.1	.0							3.8	8.9
SW	.4	.4	.5	.2								1.5	6.2
WSW	.2	.3	.3									.9	5.2
W	.2	.1	.0	.0								.4	5.2
WNW		.0	.2									.2	7.6
NW	.3	.0	.3		.0							.7	6.3
NNW	.2	.4	.4	.0	.0	.0	.0					1.3	7.9
VARBL													
CALM												9.0	
	13.9	25.0	35.9	13.6	2.2	.3	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2003

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-60,62-63,69,73-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.0	.8	.2	.1						4.0	7.8
NNE	.7	1.7	1.9	.8	.3	.1						5.6	8.3
NE	.7	1.8	1.8	.9	.4	.1						5.6	8.2
ENE	.5	.8	.8	.2								2.3	6.1
E	.9	.8	.9	.2								2.9	5.6
ESE	.6	2.8	.9	.1								4.4	5.2
SE	1.1	4.2	3.4	.5	.2							9.4	6.6
SSE	1.9	4.6	6.0	2.6	.2	.1						15.4	7.7
S	1.6	4.5	7.7	3.3	1.0							18.1	8.4
SSW	.7	1.3	3.9	1.8	.1							7.7	8.5
SW	.2	.6	.8	.2								1.8	6.8
WSW	.3	.9	.6		.2							2.0	6.6
W	.6	.4	.2									1.2	4.5
WNW	1.2	.6	.3	.2	.1							2.3	5.1
NW	.4	.8	.4	.2	.2							1.9	7.4
NNW	.4	.6	1.3	1.0	.2	.1						3.7	9.2
VARBL													
CALM												11.6	
	12.7	27.7	31.9	12.7	2.9	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1813

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,48-70,72-75 YEARS — OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.2	1.7	1.4	.5	.1						5.7	9.0
NNE	.9	1.1	1.7	1.5	.4	.2						5.7	9.3
NE	.8	1.4	1.3	.8	.3	.0						4.6	8.1
ENE	.5	.9	.8	.2	.1							2.5	7.1
E	.6	.8	.6	.1								2.2	5.8
ESE	.7	1.6	.8	.2								3.3	5.7
SE	1.5	3.9	4.0	.6	.0							10.2	6.5
SSE	2.3	3.8	5.2	2.3	.1							13.7	7.3
S	1.7	5.4	6.4	3.5	.2	.0						17.3	8.0
SSW	.7	1.6	2.4	1.2								5.8	7.9
SW	1.0	1.1	.9	.1								3.2	5.4
WSW	.6	1.0	.6	.1								2.3	5.5
W	1.2	.7	.2	.1								2.2	4.2
WNW	.6	1.1	.5	.0		.0						2.3	5.5
NW	.5	.5	.6	.5	.0							2.2	7.3
NNW	.5	.9	1.4	1.2	.3							4.3	9.1
VARBL													
CALM												12.6	
	15.1	26.9	29.1	13.9	2.0	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2175

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.8	1.8	.6	.2						6.5	9.8
NNE	.8	1.3	2.0	1.6	.5	.0						6.3	9.2
NE	.4	.8	1.0	.8	.1							3.1	8.4
ENE	.3	.9	.9	.5	.0							2.7	7.7
E	1.1	.9	.6	.0								2.5	4.8
ESE	.6	1.7	1.2	.2								3.7	5.9
SE	1.0	3.2	3.6	1.0	.1							8.9	7.1
SSE	1.7	4.3	4.7	2.4	.4							13.5	7.8
S	1.4	4.5	6.1	5.1	.8							18.0	9.0
SSW	.4	1.5	2.7	1.4	.1	.1						6.3	8.8
SW	.4	.9	1.2	.1	.0							2.7	6.8
WSW	.2	.8	.6	.1								1.8	6.4
W	.6	1.0	.6	.2	.0							2.4	6.0
WNW	1.0	1.0	.6	.2	.1							2.9	6.2
NW	.6	.9	.9	.6	.1	.0						3.1	7.6
NNW	.7	.9	1.7	1.8	.1	.1						5.4	9.5
VARBL													
CALM												10.2	
	12.0	26.1	30.2	17.9	3.1	.5						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.9	2.0	2.7	.9	.2	.1					7.6	11.2
NNE	.4	.7	1.7	2.6	.6	.2	.1					6.3	11.5
NE	.5	.5	1.2	1.4	.1							3.7	9.5
ENE	.1	.8	1.3	.6	.0	.1						3.0	8.6
E	.6	1.3	1.1	.1								3.1	6.0
ESE	.4	.7	1.0	.1	.1							2.3	6.7
SE	.6	1.2	2.0	.7	.1							4.5	7.7
SSE	.7	1.7	2.9	2.6	.8	.1	.0					8.8	10.1
S	.6	1.9	5.4	7.8	3.6	.8	.0					20.0	12.5
SSW	.4	1.1	5.1	5.1	2.4	.5						14.6	12.1
SW	.6	.7	1.7	1.0	.3	.2						4.4	9.7
WSW	.3	.9	.8	.7	.1							2.9	8.4
W	.6	.8	1.1	.7								3.2	7.5
WNW	.3	.9	1.0	.3	.1	.1						2.6	8.1
NW	.5	.7	.7	.6	.4	.1						3.0	9.7
NNW	.5	1.1	1.7	1.8	.6	.4						6.0	11.0
VARBL													
CALM												4.0	
	7.8	16.0	30.4	28.8	10.0	2.8	.2					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2838

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	2.9	2.9	.9	.3	.2					8.6	11.5
NNE	.6	.8	2.3	2.3	.7	.0	.0					6.6	10.5
NE	.4	.9	1.4	1.1	.1							3.9	8.8
ENE	.5	.6	1.1	.3	.1	.0						2.6	7.6
E	.7	.8	.5	.1	.0							2.2	5.6
ESE	.4	.4	.6	.1	.1							1.6	6.8
SE	.5	1.3	.9	.5	.1							3.3	7.1
SSE	.4	1.1	2.7	2.4	1.2	.2	.0					8.1	11.3
S	.7	1.9	5.1	7.3	4.9	1.1	.1					21.0	13.0
SSW	.2	1.1	4.1	6.1	3.3	.6						15.6	13.0
SW	.5	.9	2.2	1.6	.6	.0						5.8	10.0
WSW	.3	.8	.8	.5	.1							2.5	8.0
W	.5	1.2	.7	.4	.2	.0	.0					3.1	7.7
WNW	.2	.6	.6	.5	.2	.0						2.1	9.1
NW	.3	.5	.8	1.4	.3	.1						3.3	10.8
NNW	.4	.8	1.8	2.1	1.0	.2						6.4	11.4
VARBL													
CALM												3.3	
	7.2	14.7	28.5	29.6	13.6	2.7	.4					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 2842.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.5	3.4	2.9	.6	.5						9.8	10.3
NNE	.5	1.5	3.3	1.8	.3							7.3	9.0
NE	.3	.8	1.9	.9	.2	.1						4.1	9.3
ENE	.4	1.0	.6	.2								2.2	6.6
E	.5	1.2	.5	.1	.1							2.4	5.8
ESE	.5	1.0	.8	.1								2.4	5.9
SE	.8	1.3	1.8	.9	.0							4.7	7.4
SSE	.6	1.6	3.5	3.5	1.4	.1						10.7	10.9
S	.8	2.4	5.7	6.7	3.9	.9	.0					22.5	12.3
SSW	.6	1.4	3.4	4.8	1.9	.4	.0					12.6	11.9
SW	.5	.6	1.0	.8	.2							3.2	8.8
WSW	.4	.4	.4	.2	.1	.0						1.5	7.6
W	.4	.5	.7	.1		.1						1.8	7.3
WNW	.2	.3	.7	.4	.2	.1	.1					2.0	10.9
NW	.4	.5	.6	.8	.2	.1						2.6	9.9
NNW	.4	.8	1.7	2.5	.8	.2	.0					6.3	11.4
VARBL													
CALM												4.0	
	7.9	16.9	30.1	28.8	9.8	2.5	.2					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2793

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	2.3	1.1	.2	.1						6.9	7.5
NNE	1.7	2.3	2.2	1.0	.1							7.3	6.7
NE	.7	1.3	1.4	.5	.1	.0						4.1	7.1
ENE	.4	1.0	.6	.2								2.2	6.2
E	1.0	1.7	.3	.0	.0							3.1	4.8
ESE	1.1	1.9	1.1	.1	.0							4.3	5.3
SE	1.5	4.0	3.0	1.2	.1							9.7	6.6
SSE	1.4	4.8	6.6	3.5	.6	.0						17.0	8.3
S	1.4	5.6	9.1	3.8	.5	.1						20.6	8.4
SSW	.2	1.0	1.8	1.0	.1							4.1	7.6
SW	.3	.4	.2	.0								.9	4.7
WSW	.1	.2	.3									.6	6.2
W	.3	.2	.2									.7	4.9
WNW	.2	.5	.2	.0	.1	.0						1.1	7.7
NW	.3	.5	.2	.1	.0	.1						1.4	7.8
NNW	.4	1.4	1.3	.8	.3	.0						4.7	8.0
VARBL													
CALM												11.3	
	13.1	28.5	31.0	13.4	2.2	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2418

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	1.2	.8	.0							4.5	6.9
NNE	1.5	1.2	1.7	1.1	.0	.1						5.8	7.6
NE	.7	.9	2.1	.9	.1							4.7	8.1
ENE	.6	1.2	.7	.2								2.7	6.0
E	.4	1.4	1.0									2.8	5.7
ESE	.9	2.5	1.4									4.8	5.4
SE	1.4	4.8	5.3	1.0								12.6	6.8
SSE	1.2	5.1	6.3	2.6	.8	.1		.0				16.3	8.5
S	1.6	4.2	7.6	4.0	.8	.0						18.3	8.7
SSW	.5	1.1	3.1	.9	.1							5.8	8.3
SW	.4	.3	.6	.1								1.5	6.6
WSW	.4	.3	.6									1.4	5.2
W	.6	.5	.1	.0								1.3	4.6
WNW	.3	.5	.3	.1	.0	.1						1.5	7.8
NW	.2	.5	.4	.2	.0	.0						1.4	8.0
NNW	.4	1.0	1.2	.7	.1	.0						3.5	8.3
VARBL													
CALM												10.5	
	12.3	27.5	33.9	13.0	2.1	.5		.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2001

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-59,62,72-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.3	2.3	.8	.3						7.5	10.6
NNE	.2	.8	1.4	1.6	.4							4.4	10.1
NE	.5	1.5	1.8	.7	.1	.1						4.6	8.0
ENE	.5	.8	.8	.2								2.2	6.2
E	.5	.5	1.0	.1								2.2	6.4
ESE	.8	1.7	.7	.4								3.6	6.0
SE	.6	2.1	3.2	.5								6.4	7.0
SSE	1.1	2.5	5.6	1.1	.3							10.5	7.7
S	.4	2.6	5.4	2.7	.7	.5						12.3	9.7
SSW	.3	1.3	2.4	2.0	.4	.2						7.6	9.8
SW	.8	1.2	2.2	.6	.2	.1						5.1	7.8
WSW	.4	1.2	.8									2.5	5.7
W	.9	1.8	1.5	.2	.1	.1						4.5	6.3
WNW	1.3	1.2	1.9	.4	.3	.1	.1					5.3	7.6
NW	.5	1.0	1.6	.9	.4	.3	.2					5.0	10.6
NNW	.1	1.3	1.9	1.9	1.0	.1						6.3	10.8
VARBL													
CALM												10.2	
	9.6	22.8	35.3	15.6	4.6	1.6	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1711

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	2.0	1.6	.4	.4						6.6	9.7
NNE	.3	.9	2.2	1.9	.4	.1						5.7	10.1
NE	.2	.9	1.6	.6	.2	.0						3.6	8.8
ENE	.1	.2	.6	.1	.0							1.1	8.0
E	.7	.8	1.2									2.7	5.7
ESE	.7	1.1	1.3	.4								3.5	6.5
SE	.7	2.1	1.9	.7	.1							5.4	7.3
SSE	.7	2.6	4.4	1.6	.1							9.3	7.8
S	.9	2.6	6.1	3.5	.6	.1						13.8	9.2
SSW	.3	1.1	3.0	2.1	.6	.2						7.3	10.5
SW	.5	1.2	1.8	.4	.3	.0						4.2	8.1
WSW	.5	.9	.9	.1	.2							2.6	7.1
W	.9	1.6	1.7	.1	.1	.0						4.4	6.6
WNW	.8	2.1	2.4	.1	.1	.0						5.6	6.7
NW	.6	.9	2.0	1.4	.3	.4	.1	.0				5.7	10.8
NNW	.6	1.0	2.1	2.4	1.0	.1	.1					7.4	11.4
VARBL													
CALM												11.2	
	9.2	21.3	33.1	16.8	4.5	1.5	.2	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2114

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (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	1.1	1.7	2.6	2.4	1.0	.5						9.3	10.4
NNE	.5	.8	2.4	1.5	.3							5.4	9.3
NE	.3	.8	1.5	.4	.2							3.3	8.4
ENE	.5	.5	.7	.2	.0	.0						2.0	7.1
E	.5	1.2	.8	.1								2.6	5.7
ESE	.4	1.2	1.2	.2								3.0	6.9
SE	.6	2.1	2.5	.4	.0							5.6	7.0
SSE	.6	2.7	3.6	1.5	.2	.1						8.6	8.2
S	.7	2.8	6.0	4.2	.3	.1						14.1	9.3
SSW	.2	1.2	2.7	2.5	.5	.2	.0					7.4	10.6
SW	.5	1.0	1.5	.7	.1							3.9	7.9
WSW	.4	.9	.7	.2	.1	.1						2.4	7.3
W	.6	1.9	1.5	.3	.0	.2			.0			4.5	7.4
WNW	.7	2.2	2.4	.7	.2							6.1	7.3
NW	.9	1.5	1.6	1.2	.5	.2	.1					6.1	9.4
NNW	.5	1.2	2.0	2.2	1.0	.2	.0					7.2	11.1
VARBL													
CALM												8.6	
	8.9	23.7	33.7	18.9	4.4	1.7	.2		.0			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2393

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	2.7	3.5	1.7	.6	.1					10.0	12.7
NNE	.2	1.0	3.2	1.8	.6	.2						7.0	10.4
NE	.3	.7	1.1	.6	.2	.0						2.9	8.8
ENE	.5	.5	1.1	.4	.1							2.8	7.7
E	.5	.9	.8	.1								2.3	5.8
ESE	.3	.8	1.2	.4								2.7	7.4
SE	.4	.7	2.4	.7	.0							4.3	8.1
SSE	.5	.7	2.5	2.2	.2	.1						6.2	10.0
S	.5	1.8	3.7	5.6	1.8	.4	.1					13.9	11.8
SSW	.2	1.1	3.0	4.6	1.6	.7	.1	.0				11.3	12.9
SW	.2	.9	1.8	2.0	.5	.0						5.3	10.6
WSW	.3	.7	1.1	.5	.2	.1						3.0	9.2
W	.7	1.2	1.0	.8	.2	.1						4.0	8.4
WNW	.5	.8	1.6	1.1	.4	.2						4.6	9.9
NW	.4	1.1	1.7	2.2	.5	.2	.2					6.3	11.7
NNW	.5	1.1	2.3	3.2	1.5	.6	.1					9.3	12.4
VARBL													
CALM												3.9	
	6.4	15.2	31.4	29.8	9.3	3.3	.7	.0				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 2820

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NO.) 42-46,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	2.6	4.0	2.0	.7						11.1	12.3
NNE	.2	.6	2.3	1.8	.2	.4						5.5	11.0
NE	.4	.8	1.1	1.1	.2							3.7	9.0
ENE	.3	.9	.8	.3	.1							2.4	7.0
E	.2	.7	.7	.2								1.8	6.8
ESE	.3	.7	.8	.3	.0							2.1	7.5
SE	.3	.8	1.0	.8	.1							3.0	8.3
SSE	.4	.9	1.4	1.7	.4	.0						4.9	10.0
S	.6	1.4	3.8	6.7	2.5	.6	.1					15.8	12.5
SSW	.3	.7	2.9	6.1	2.2	1.1	.2					13.5	13.7
SW	.2	.7	1.7	1.8	.6	.2	.0					5.2	11.5
WSW	.2	.6	1.0	.3	.4	.1	.0					2.8	10.0
W	.5	.7	.8	.5	.3	.1						3.0	8.5
WNW	.2	1.0	1.2	1.0	.8	.1	.1					4.2	10.8
NW	.6	1.5	1.7	1.9	.6	.5	.1					7.0	10.9
NNW	.2	1.2	2.5	4.2	1.6	.8	.0					10.6	12.7
VARBL													
CALM												3.4	
	5.6	14.6	26.4	32.9	11.9	4.6	.6					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 2832

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	3.1	4.5	1.6	.5	.0					11.6	12.0
NNE	.5	.9	1.9	1.8	.5	.1						5.7	10.2
NE	.4	1.1	1.5	.6	.1							3.7	8.0
ENE	.2	.9	.8	.1	.2							2.2	7.9
E	.9	1.0	.9	.3								3.1	6.0
ESE	.5	.8	.6	.4								2.3	6.4
SE	.2	1.1	1.1	.7								3.1	8.0
SSE	.9	1.3	3.1	2.1	.3							7.6	8.9
S	1.1	1.9	5.5	6.5	2.1	.4	.1					17.6	11.3
SSW	.5	1.1	3.0	3.6	1.5	.4						10.1	11.7
SW	.5	.9	1.4	1.0	.1	.0						3.9	8.6
WSW	.3	.5	.9	.4	.2		.0					2.2	9.0
W	.6	.9	.6	.6	.2	.1	.0					3.0	8.9
WNW	.3	.9	.6	.6	.2	.0	.1					2.7	9.2
NW	.7	1.2	1.4	1.4	.6	.4						5.7	10.4
NNW	.6	1.4	3.0	3.1	1.4	.4	.1	.0				10.1	11.5
VARBL													
CALM												5.4	
	9.0	16.8	29.3	27.7	9.0	2.4	.4	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2796

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	3.2	2.4	1.1	.3	.0					10.8	9.7
NNE	.7	1.5	1.4	1.4	.2	.1						5.3	8.6
NE	.4	1.1	1.4	.3	.2	.1						3.5	8.0
ENE	.8	1.1	.7	.1	.1							2.7	5.7
E	1.1	1.3	.6	.3								3.2	5.5
ESE	.8	1.2	.8	.2	.0							3.1	5.8
SE	.8	2.2	2.0	.6	.0							5.7	6.8
SSE	1.2	4.0	5.5	2.4	.3							13.3	7.9
S	1.4	4.7	6.9	3.5	.7	.2						17.4	8.5
SSW	.3	.9	2.0	.9								4.1	8.3
SW	.3	.8	.7	.3	.1							2.2	7.3
WSW	.3	.6	.3	.0	.2	.1						1.5	7.9
W	.4	.7	.6	.3	.3	.1						2.3	8.4
WNW	.5	.9	.6	.3	.1	.0	.1					2.5	8.1
NW	.8	1.2	1.1	.5	.3	.2						4.0	8.1
NNW	.7	1.7	1.8	1.8	.5	.1						6.6	9.4
VARBL													
CALM												11.9	
	11.8	26.3	29.5	15.2	3.9	1.3	.2					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2358

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	2.8	1.8	.9	.3						8.1	10.4
NNE	.5	.8	2.0	1.2	.2	.1						4.7	9.1
NE	.6	1.5	2.0	.4	.2	.1						4.8	7.7
ENE	.4	1.2	.5	.1								2.1	5.6
E	1.2	1.6	1.3	.2	.1							4.2	6.0
ESE	.4	1.3	1.1	.1								2.8	6.0
SE	1.0	1.4	2.6	.4	.1	.1						5.5	7.1
SSE	.5	4.2	5.1	1.8	.3							11.9	8.0
S	1.0	3.5	6.9	3.8	1.1	.3						16.5	9.4
SSW	.7	1.1	2.6	1.3	.4	.2						6.2	9.1
SW	.3	.9	1.8	.3	.1							3.4	8.1
WSW	.4	.5	1.1	.1		.1						2.1	6.9
W	.9	.4	.9	.3	.1	.1	.2	.1				2.9	9.1
WNW	.6	.8	1.2	.4	.1	.1	.1	.1				3.2	8.6
NW	.5	1.2	1.3	.8	.2	.1						4.0	8.5
NNW	.7	.9	1.7	1.7	.7	.2						6.0	10.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.5	
	10.0	23.0	34.7	14.5	4.3	1.5	.3	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1911

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-59,65,67,70,74 (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	.9	1.8	2.9	2.4	.8	.3	.2					9.2	10.3
NNE	.4	.9	2.4	1.8	.8	.1						6.5	10.5
NE	.5	1.2	2.0	.9	.1	.1						4.8	8.4
ENE	.3	.6	1.5	.5								2.9	8.1
E	.8	.5	.7									2.0	5.2
ESE	.4	.6	.5	.1								1.7	5.9
SE	1.0	1.9	2.9	.5	.1							6.3	7.2
SSE	.9	1.6	3.4	2.3	.4							8.6	9.1
S	.9	2.4	5.8	2.3	.6	.1						12.1	9.2
SSW	.3	2.1	4.1	1.7	.3							8.5	8.9
SW	.5	1.0	1.9	.5								3.9	7.6
WSW	.2	.6	1.4	.2	.1	.1						2.6	7.8
W	.4	1.0	1.5	.7	.1	.1						3.8	8.2
WNW	.8	1.5	2.0	.5	.5	.1						5.4	8.2
NW	.4	.9	1.3	.8	.3	.2						3.8	9.8
NNW	.4	1.1	2.6	1.7	.5	.2						6.5	10.2
VARBL													
CALM												11.4	
	9.1	19.7	36.8	17.1	4.6	1.1	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,48-72,74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	2.3	3.6	.9	.3	.2					9.6	11.0
NNE	.6	.9	2.0	1.6	.7	.0						5.8	9.8
NE	.8	1.3	1.6	1.2	.2	.1						5.2	8.3
ENE	.3	.6	1.5	.4	.0							3.0	8.0
E	.3	.7	.4	.1								1.6	6.2
ESE	.2	.6	.3	.4								1.6	6.9
SE	.9	1.8	2.0	.4								5.2	6.8
SSE	.7	2.1	3.7	1.8	.1							8.4	8.2
S	.8	2.3	4.6	3.7	.8	.0						12.4	9.5
SSW	.3	1.5	2.7	1.4	.5	.0						6.4	9.5
SW	.3	.9	2.2	.6	.2							4.2	8.4
WSW	.3	1.0	1.1	.2				.0				2.7	7.3
W	1.0	1.7	2.4	.5		.0	.0					5.8	7.1
WNW	.9	1.4	2.2	.7	.3							5.5	7.6
NW	.5	1.1	1.7	.8	.4	.1						4.7	9.4
NNW	.7	1.2	2.7	1.8	.9	.3	.0					7.6	10.6
VARBL													
CALM												10.2	
	9.5	21.0	33.5	19.3	5.2	1.0	.3	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2027

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	3.4	2.7	1.2	.5						9.8	11.0
NNE	.5	.8	2.1	1.8	.6	.1						5.8	10.3
NE	.4	1.0	1.4	1.3	.4							4.5	9.5
ENE	.5	.9	1.1	.4	.1							2.9	7.2
E	.7	1.0	.9	.3								2.8	6.3
ESE	.3	.6	.7	.0								1.7	6.1
SE	.8	2.1	2.2	.3	.1							5.4	6.7
SSE	.5	2.8	2.8	2.0	.2							8.4	8.2
S	.9	2.6	4.0	3.6	.7	.1						11.9	9.5
SSW	.5	1.2	2.3	2.1	.3	.1						6.5	9.5
SW	.5	.9	1.1	.6	.1							3.2	7.5
WSW	.6	.6	.8	.4	.0							2.4	7.0
W	1.2	1.9	2.0	.4	.0	.1						5.6	6.8
WNW	.9	1.6	2.6	.9	.2							6.3	7.7
NW	.5	1.3	2.5	1.5	.5	.1						6.4	9.5
NNW	.4	1.2	2.8	2.1	.8	.3	.2					7.7	11.0
VARBL													
CALM												8.6	
	9.6	22.0	32.7	20.4	5.2	1.2	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2530

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	2.3	4.9	1.4	.5	.0					10.3	12.5
NNE	.2	.8	2.1	2.9	.7	.3						6.9	11.7
NE	.3	.5	1.7	1.3	.3	.1						4.1	9.9
ENE	.2	.5	1.3	.3								2.3	7.9
E	.5	1.0	.8	.4								2.7	6.7
ESE	.1	.5	.9	.5								2.0	8.3
SE	.4	1.1	2.1	.6								4.3	7.7
SSE	.4	.9	3.0	1.9	.4	.0						6.6	9.9
S	.6	1.5	3.2	6.0	1.3	.4						13.1	11.6
SSW	.3	1.1	3.6	2.4	1.4	.3	.1					9.2	11.6
SW	.5	.7	1.7	.8	.1	.1						3.9	8.5
WSW	.3	.6	.9	.4	.3	.1						2.5	9.3
W	.6	1.0	1.8	.5	.1	.1	.0					4.2	8.2
WNW	.4	1.0	2.2	1.4	.5	.1						5.6	9.9
NW	.5	1.0	1.9	2.6	1.0	.3	.0					7.3	11.3
NNW	.5	.8	3.0	2.9	1.3	.9	.2					9.6	12.7
VARBL													
CALM												5.3	
	6.3	13.9	32.5	29.9	8.7	3.0	.4					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2757

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13900 VANCE AFB OKLAHOMA/ENID 42-46,48-74 DEC
STAT.O. STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	2.4	4.1	1.8	.9	.0					10.7	12.9
NNE	.2	.7	2.1	2.9	1.0	.1						6.9	11.8
NE	.5	.7	1.7	1.2	.2	.1						4.4	9.4
ENE	.1	.5	.8	.3								1.7	6.0
E	.4	.5	.5	.2			.0					1.7	6.7
ESE	.4	.4	.7	.3								1.8	6.8
SE	.5	.6	1.4	.4								2.9	7.6
SSE	.3	.5	2.6	2.2	.2	.1						6.0	10.3
S	.3	1.4	3.5	6.2	1.5	.5						13.5	12.2
SSW	.2	1.3	2.9	3.7	2.7	1.0	.1					12.0	13.4
SW	.5	.9	1.6	1.2	.3	.1						4.6	9.6
WSW	.4	1.1	1.2	.6	.3	.3						3.8	9.5
W	.7	.7	1.4	.5	.2	.2	.0					3.7	9.0
WNW	.2	.8	1.3	1.6	.3	.1	.0					4.3	10.3
NW	.3	.8	1.9	2.9	1.1	.4	.1	.0				7.6	12.6
NNW	.1	.7	2.8	4.4	1.4	1.0	.0					10.5	13.1
VARBL													
CALM												4.1	
	5.5	12.7	28.9	32.7	10.9	4.8	.4	.0				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 2768

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	3.2	3.9	1.8	.4	.1					11.3	11.8
NNE	.6	.8	2.7	2.3	.6	.0						7.0	10.1
NE	.4	.8	1.4	1.0	.2	.1						3.9	9.0
ENE	.5	.6	1.0	.4	.0							2.7	7.4
E	.4	.7	1.1	.1								2.3	6.6
ESE	.5	.9	.6	.3								2.3	6.2
SE	.5	1.0	1.4	.5	.1							3.5	7.5
SSE	.6	1.6	2.5	2.6	.2							7.5	9.3
S	1.3	2.5	4.7	5.4	1.6	.3						15.7	10.5
SSW	.7	1.1	3.0	3.2	1.5	.3						9.8	11.3
SW	.4	.6	.8	.8	.0							2.7	8.4
WSW	.4	.6	1.1	.4	.1	.1						2.7	8.9
W	.5	.8	.8	.5	.0	.1						2.8	7.8
WNW	.4	.7	1.0	.7	.3	.2	.0	.1				3.4	10.5
NW	.4	.9	2.0	1.7	.3	.3		.0				6.1	11.4
NNW	.5	1.3	2.6	3.5	1.3	.4	.1	.1				9.8	12.0
VARBL													
CALM												6.6	
	8.9	16.2	30.0	27.3	8.5	2.2	.2	.2				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2707

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.1	3.7	2.0	1.2	.4						11.1	9.5
NNE	.7	1.3	2.1	1.6	.2	.1						6.0	9.2
NE	.7	1.2	2.0	.9	.2							5.1	8.0
ENE	.3	.7	.7	.4								2.1	7.4
E	1.0	1.5	1.1	.2								3.9	5.8
ESE	.5	1.1	.9	.2								2.7	6.0
SE	.5	1.5	2.5	.6	.0							5.2	7.4
SSE	.6	2.9	4.0	2.2	.3							9.9	8.5
S	1.2	3.4	6.4	4.1	.3	.2						15.6	8.8
SSW	.2	1.7	2.4	1.4	.1	.1						5.8	8.9
SW	.3	1.1	.8	.6								2.8	7.6
WSW	.3	.6	.6	.0	.1	.0						1.6	7.3
W	.6	.5	.5	.2		.0						2.0	6.6
WNW	.3	1.0	.8	.5	.1		.1					2.8	8.5
NW	.6	.9	1.0	1.0	.3	.0	.0					4.0	9.0
NNW	.7	1.7	1.9	1.6	.6	.5						7.1	10.0
VARBL													
CALM												12.4	
	10.2	23.4	31.5	17.6	3.4	1.4	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2197

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.9	2.8	2.6	1.2	.2	.1					8.9	10.8
NNE	1.0	.8	1.9	1.9	.1	.1						5.8	8.9
NE	.5	.6	3.1	1.3	.3	.1						5.9	9.5
ENE	.4	.8	1.4	.2								2.8	7.1
E	.6	.8	1.5	.2								3.1	6.7
ESE	.5	.9	.7	.4								2.5	6.6
SE	.5	1.7	2.5	.9								5.6	7.6
SSE	.8	2.1	3.5	2.1	.2							8.7	8.5
S	.8	2.6	5.5	3.5	.6	.1						13.1	9.4
SSW	.6	1.8	4.2	1.9	.1	.1	.1					8.8	8.8
SW	.5	1.1	1.4	.4								3.4	6.9
WSW	.4	.7	1.0	.2	.2							2.5	7.6
W	1.0	1.5	1.0	.3								3.9	6.0
WNW	.5	.6	.8	.6	.4							2.9	9.7
NW	.4	.8	1.4	1.3	.2		.1	.1				4.3	10.1
NNW	.6	1.2	2.2	1.2	.9	.1	.1					6.2	10.1
VARBL													
CALM												11.6	
	10.3	18.8	35.0	19.1	6.2	.7	.3	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1813

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-75 (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	.5	1.4	4.0	6.0	2.5	1.0	.2	.0				15.7	12.9
NNE	.5	1.4	3.3	3.7	1.2	.3	.0					10.4	11.2
NE	.5	1.4	2.8	2.0	.5	.1						7.3	9.8
ENE	.6	1.3	2.2	1.2	.1	.0						5.5	8.4
E	.9	1.5	2.1	.8	.1	.0						5.3	7.4
ESE	.6	1.4	1.6	.8	.1	.0						4.5	7.7
SE	.6	1.3	2.5	1.6	.2	.0						6.3	8.9
SSE	.5	1.1	2.6	3.0	.7	.1	.0	.0				8.2	10.7
S	.5	1.5	3.1	3.8	1.3	.3	.0					10.4	11.3
SSW	.2	.6	1.2	1.2	.5	.2	.1	.0				3.8	11.6
SW	.2	.3	.5	.2	.1	.0	.0	.0				1.3	8.9
WSW	.1	.2	.2	.1	.1	.1	.0	.0				.8	10.6
W	.2	.2	.3	.2	.0	.1	.0		.0			1.0	9.4
WNW	.1	.2	.4	.3	.2	.2	.1	.0				1.6	13.8
NW	.2	.4	.8	.9	.5	.4	.1	.0				3.3	13.1
NNW	.3	.7	2.1	3.3	2.1	.9	.2	.0				9.7	14.1
VARBL													
CALM												4.7	
	6.5	14.9	29.6	29.2	10.4	3.9	.7	.1	.0			100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 19736

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

S74-29963

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.

S74-29964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-75 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.6	60.1	60.5	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3
≥ 20000	64.9	68.1	68.5	68.9	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.5
≥ 18000	65.2	68.4	68.8	69.2	69.3	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 16000	65.5	68.7	69.2	69.5	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.1
≥ 14000	66.6	69.9	70.4	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3
≥ 12000	68.5	72.1	72.6	73.0	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.6
≥ 10000	70.3	74.2	74.7	75.1	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7
≥ 9000	71.0	74.9	75.4	75.8	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 8000	72.1	76.2	76.8	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8
≥ 7000	73.0	77.2	77.8	78.2	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.9
≥ 6000	73.7	78.2	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9
≥ 5000	74.8	79.4	80.1	80.6	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
≥ 4500	75.2	80.0	80.7	81.2	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 4000	76.1	81.1	81.8	82.3	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1
≥ 3500	76.8	82.0	82.7	83.3	83.5	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 3000	77.8	83.2	84.0	84.6	84.9	84.9	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4
≥ 2500	78.7	84.4	85.3	85.9	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 2000	79.9	85.9	86.9	87.6	87.9	88.0	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.6
≥ 1800	80.2	86.4	87.4	88.1	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1
≥ 1500	80.9	87.5	88.6	89.4	89.8	89.8	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.4	90.5
≥ 1200	81.5	88.5	89.7	90.6	91.1	91.1	91.3	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8
≥ 1000	82.0	89.4	90.7	91.6	92.1	92.2	92.5	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	93.0
≥ 900	82.1	89.7	91.0	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
≥ 800	82.3	90.1	91.6	92.7	93.3	93.4	93.7	93.8	93.8	94.0	94.1	94.1	94.1	94.2	94.2	94.3
≥ 700	82.4	90.4	91.9	93.2	93.8	93.9	94.3	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.9	95.0
≥ 600	82.6	90.7	92.3	93.6	94.3	94.4	94.8	95.0	95.1	95.3	95.4	95.4	95.4	95.5	95.5	95.6
≥ 500	82.7	91.0	92.7	94.1	94.9	95.1	95.6	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.5
≥ 400	82.7	91.1	92.9	94.5	95.4	95.6	96.2	96.5	96.6	96.9	97.0	97.0	97.2	97.2	97.3	97.4
≥ 300	82.7	91.2	93.0	94.7	95.7	95.9	96.6	97.0	97.1	97.6	97.8	97.8	98.0	98.0	98.1	98.2
≥ 200	82.7	91.2	93.1	94.8	95.9	96.1	96.9	97.3	97.4	98.0	98.2	98.2	98.5	98.5	98.7	98.8
≥ 100	82.7	91.2	93.1	94.8	95.9	96.1	96.9	97.4	97.5	98.1	98.4	98.4	98.7	98.8	99.0	99.3
0	82.7	91.2	93.1	94.8	95.9	96.1	96.9	97.4	97.5	98.1	98.4	98.4	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 228366

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	53.7	56.6	57.1	57.3	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.8
≥ 20000	60.9	64.7	65.2	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.1
≥ 18000	61.4	65.2	65.7	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.6
≥ 16000	61.8	65.6	66.1	66.5	66.6	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0
≥ 14000	63.1	67.1	67.7	68.0	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6
≥ 12000	64.9	69.2	69.8	70.2	70.3	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 10000	66.5	71.0	71.6	72.0	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6
≥ 9000	67.1	71.8	72.4	72.8	73.0	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4
≥ 8000	68.0	72.9	73.5	74.0	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 7000	68.7	73.6	74.3	74.8	75.0	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.5
≥ 6000	69.1	74.2	74.8	75.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.1
≥ 5000	69.7	75.0	75.6	76.2	76.4	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.9
≥ 4500	69.9	75.2	75.9	76.4	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.2
≥ 4000	70.4	75.8	76.5	77.1	77.3	77.3	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.8
≥ 3500	70.8	76.4	77.1	77.7	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.5
≥ 3000	71.3	77.0	77.8	78.4	78.6	78.7	78.9	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.2
≥ 2500	71.9	78.0	78.8	79.4	79.7	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4
≥ 2000	72.9	79.3	80.2	80.9	81.2	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	82.0
≥ 1800	73.2	79.8	80.7	81.4	81.7	81.8	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.5
≥ 1500	73.7	80.9	81.9	82.7	83.1	83.2	83.5	83.6	83.6	83.8	83.8	83.8	83.9	83.9	84.0	84.1
≥ 1200	74.4	82.0	83.2	84.1	84.6	84.7	85.1	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.7
≥ 1000	74.8	83.0	84.3	85.4	86.0	86.1	86.6	86.7	86.7	87.0	87.1	87.1	87.2	87.2	87.3	87.4
≥ 900	75.0	83.4	84.8	85.9	86.6	86.7	87.1	87.3	87.4	87.6	87.7	87.7	87.9	87.9	88.0	88.1
≥ 800	75.2	83.9	85.5	86.8	87.5	87.6	88.2	88.4	88.4	88.7	88.8	88.8	89.0	89.0	89.1	89.2
≥ 700	75.3	84.3	86.1	87.5	88.4	88.5	89.1	89.4	89.4	89.8	89.9	89.9	90.1	90.2	90.2	90.4
≥ 600	75.4	84.6	86.6	88.1	89.1	89.3	90.0	90.2	90.3	90.7	90.9	90.9	91.1	91.2	91.2	91.4
≥ 500	75.5	84.9	87.0	88.8	90.0	90.2	90.9	91.3	91.5	92.0	92.2	92.2	92.5	92.5	92.6	92.8
≥ 400	75.5	85.0	87.2	89.1	90.5	90.7	91.5	92.2	92.5	93.2	93.5	93.5	93.9	93.9	94.0	94.2
≥ 300	75.5	85.1	87.4	89.2	90.8	91.0	92.2	92.8	93.1	94.1	94.5	94.6	95.0	95.1	95.2	95.5
≥ 200	75.5	85.2	87.4	89.4	90.9	91.2	92.5	93.2	93.5	94.7	95.2	95.3	95.9	96.1	96.4	96.8
≥ 100	75.5	85.2	87.4	89.4	91.0	91.3	92.6	93.3	93.6	94.9	95.5	95.6	96.4	96.6	97.1	97.9
0	75.5	85.2	87.4	89.4	91.0	91.3	92.6	93.3	93.6	94.9	95.5	95.6	96.5	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 19838

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS L S T

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.0	54.1	54.5	54.9	55.1	55.1	55.2	55.3	55.3	55.5	55.5	55.5	55.6	55.6	55.7	55.9
≥ 20000	58.3	62.0	62.5	62.9	63.2	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.7	63.8	63.8	64.0
≥ 18000	58.4	62.1	62.7	63.1	63.3	63.4	63.5	63.6	63.6	63.8	63.8	63.8	63.9	63.9	64.0	64.2
≥ 16000	58.8	62.7	63.2	63.7	63.9	63.9	64.1	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.6	64.7
≥ 14000	59.6	63.6	64.1	64.6	64.8	64.9	65.0	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.5	65.7
≥ 12000	61.0	65.0	65.6	66.2	66.4	66.5	66.6	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.1	67.3
≥ 10000	62.1	66.4	67.1	67.6	67.8	67.9	68.0	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.6	68.7
≥ 9000	62.5	66.9	67.5	68.0	68.3	68.3	68.5	68.6	68.6	68.7	68.8	68.8	68.9	68.9	69.0	69.2
≥ 8000	63.4	67.9	68.5	69.1	69.4	69.4	69.6	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.1	70.3
≥ 7000	64.0	68.7	69.3	69.9	70.2	70.3	70.4	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.9	71.1
≥ 6000	64.7	69.5	70.2	70.8	71.1	71.2	71.3	71.4	71.4	71.6	71.6	71.6	71.7	71.8	71.8	72.0
≥ 5000	65.5	70.5	71.2	71.9	72.2	72.3	72.4	72.5	72.5	72.7	72.7	72.7	72.8	72.9	72.9	73.1
≥ 4500	65.9	71.0	71.7	72.4	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.2	73.4	73.4	73.5	73.7
≥ 4000	66.6	71.8	72.6	73.3	73.6	73.7	73.8	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.6
≥ 3500	67.3	72.6	73.4	74.2	74.5	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.2	75.3	75.3	75.5
≥ 3000	68.0	73.5	74.4	75.1	75.5	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.3	76.3	76.4	76.6
≥ 2500	68.9	74.8	75.8	76.6	77.1	77 2	77.4	77.5	77.5	77.7	77.7	77.7	77.9	77.9	78.0	78.2
≥ 2000	70.3	76.8	78.0	78.9	79.4	79.5	79.8	80.0	80.0	80.2	80.2	80.2	80.4	80.4	80.5	80.7
≥ 1800	70.6	77.4	78.6	79.6	80.1	80.2	80.5	80.6	80.7	80.9	80.9	80.9	81.1	81.1	81.2	81.4
≥ 1500	71.2	78.7	80.0	81.0	81.7	81.8	82.1	82.3	82.3	82.5	82.6	82.6	82.7	82.8	82.9	83.0
≥ 1200	71.8	80.0	81.5	82.7	83.4	83.6	84.0	84.2	84.2	84.5	84.5	84.5	84.7	84.7	84.8	85.0
≥ 1000	72.3	81.0	82.8	84.2	85.0	85.2	85.7	85.9	86.0	86.3	86.4	86.4	86.6	86.6	86.7	86.9
≥ 900	72.5	81.3	83.3	84.8	85.7	85.8	86.4	86.7	86.8	87.1	87.2	87.2	87.4	87.5	87.6	87.8
≥ 800	72.8	81.9	84.1	85.9	86.9	87.1	87.7	88.1	88.2	88.6	88.7	88.7	89.0	89.0	89.1	89.3
≥	72.9	82.3	84.5	86.5	87.6	87.8	88.5	89.0	89.1	89.5	89.7	89.7	89.9	89.9	90.1	90.3
	73.0	82.5	85.0	87.0	88.3	88.5	89.3	89.9	90.0	90.5	90.6	90.7	90.9	90.9	91.1	91.3
≥ 500	73.0	82.8	85.4	87.7	89.1	89.4	90.3	91.0	91.2	91.7	92.0	92.0	92.3	92.4	92.6	92.8
≥ 400	73.1	82.9	85.6	88.0	89.7	90.1	91.2	92.0	92.2	93.1	93.4	93.5	93.9	94.0	94.2	94.4
≥ 300	73.1	82.9	85.6	88.2	90.0	90.5	91.9	92.8	93.0	94.2	94.6	94.7	95.2	95.3	95.6	95.9
≥ 200	73.1	82.9	85.7	88.3	90.2	90.6	92.1	93.1	93.4	94.7	95.3	95.4	96.1	96.3	96.7	97.1
≥ 100	73.1	83.0	85.7	88.3	90.2	90.7	92.2	93.2	93.5	94.9	95.6	95.6	96.6	96.9	97.5	98.2
≥ 0	73.1	83.0	85.7	88.4	90.3	90.7	92.2	93.3	93.6	95.0	95.6	95.7	96.7	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 17452

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.6	53.7	54.4	54.9	55.2	55.2	55.5	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.8	55.8
≥ 20000	58.2	62.0	62.9	63.6	63.9	64.0	64.3	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.7
≥ 18000	58.5	62.3	63.2	63.9	64.2	64.3	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.0
≥ 16000	58.7	62.4	63.3	64.0	64.4	64.5	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.2
≥ 14000	59.5	63.3	64.3	65.0	65.3	65.4	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1
≥ 12000	60.7	64.8	65.8	66.5	66.8	66.9	67.2	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.6	67.7
≥ 10000	62.0	66.2	67.2	68.0	68.3	68.4	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.1	69.2
≥ 9000	62.3	66.6	67.6	68.4	68.8	68.8	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.6
≥ 8000	63.3	67.7	68.8	69.6	70.0	70.0	70.4	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.8
≥ 7000	64.1	68.8	69.9	70.7	71.1	71.2	71.5	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.9	72.0
≥ 6000	64.6	69.4	70.6	71.4	71.8	71.9	72.2	72.3	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.7
≥ 5000	65.6	70.7	71.9	72.8	73.3	73.3	73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.1
≥ 4500	66.0	71.3	72.6	73.5	73.9	74.0	74.3	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.8
≥ 4000	66.8	72.3	73.6	74.5	75.0	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9
≥ 3500	67.5	73.2	74.6	75.6	76.1	76.2	76.5	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	77.0
≥ 3000	68.4	74.4	75.8	76.8	77.3	77.4	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.3
≥ 2500	69.5	75.9	77.3	78.4	79.0	79.1	79.5	79.6	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.1
≥ 2000	71.2	78.3	79.9	81.1	81.8	81.9	82.4	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.9	83.0
≥ 1800	71.8	79.2	80.8	82.1	82.8	82.9	83.3	83.5	83.5	83.7	83.7	83.8	83.8	83.8	83.8	84.0
≥ 1500	72.7	80.7	82.4	83.8	84.5	84.7	85.1	85.3	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.8
≥ 1200	73.4	82.1	84.1	85.6	86.5	86.7	87.1	87.3	87.4	87.5	87.7	87.7	87.7	87.7	87.8	87.9
≥ 1000	74.0	83.5	85.7	87.3	88.4	88.5	89.1	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.9	90.0
≥ 900	74.2	83.9	86.2	88.0	89.1	89.3	89.8	90.0	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.8
≥ 800	74.4	84.4	86.7	88.7	89.8	90.1	90.7	90.9	91.0	91.3	91.4	91.4	91.5	91.5	91.6	91.7
≥ 700	74.6	84.8	87.2	89.3	90.6	90.8	91.5	91.8	91.9	92.2	92.3	92.4	92.5	92.5	92.5	92.6
≥ 600	74.7	85.1	87.7	89.9	91.3	91.5	92.3	92.6	92.7	93.0	93.2	93.2	93.4	93.4	93.4	93.5
≥ 500	74.8	85.4	88.2	90.6	92.2	92.5	93.4	93.8	93.9	94.3	94.5	94.6	94.7	94.8	94.8	95.0
≥ 400	74.8	85.7	88.5	91.1	92.9	93.2	94.3	94.8	94.9	95.4	95.7	95.8	95.9	96.0	96.0	96.2
≥ 300	74.8	85.8	88.7	91.4	93.4	93.7	95.0	95.7	95.9	96.6	97.0	97.0	97.2	97.3	97.4	97.6
≥ 200	74.8	85.8	88.7	91.5	93.6	93.9	95.4	96.1	96.4	97.2	97.7	97.8	98.1	98.2	98.3	98.5
≥ 100	74.8	85.8	88.7	91.5	93.6	94.0	95.4	96.2	96.4	97.3	97.9	98.0	98.4	98.5	98.7	99.1
≥ 0	74.8	85.8	88.7	91.5	93.6	94.0	95.4	96.2	96.4	97.4	97.9	98.0	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19015

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.1	53.0	53.4	53.7	53.9	53.9	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 20000	58.5	62.4	63.0	63.3	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1
≥ 18000	58.7	62.6	63.2	63.6	63.8	63.8	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
≥ 16000	59.0	63.0	63.5	63.9	64.2	64.2	64.4	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.7
≥ 14000	59.8	63.9	64.5	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.7
≥ 12000	61.2	65.6	66.2	66.7	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.5
≥ 10000	63.0	67.8	68.4	68.9	69.2	69.2	69.4	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.7
≥ 9000	63.8	68.6	69.2	69.7	70.0	70.0	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.5
≥ 8000	65.0	70.1	70.7	71.2	71.5	71.5	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1
≥ 7000	66.1	71.4	72.0	72.5	72.8	72.9	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.4
≥ 6000	67.2	72.6	73.3	73.8	74.1	74.2	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 5000	68.3	74.1	74.9	75.4	75.8	75.8	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.4	76.4	76.4
≥ 4500	68.8	74.8	75.6	76.2	76.5	76.6	76.8	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2
000	70.1	76.2	77.0	77.7	78.0	78.1	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.7
≥ 3500	71.1	77.6	78.4	79.1	79.5	79.5	79.8	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.2
≥ 3000	72.6	79.4	80.4	81.1	81.5	81.6	81.9	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.3
≥ 2500	74.0	81.3	82.3	83.2	83.6	83.7	83.9	84.0	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 2000	75.6	83.5	84.7	85.6	86.1	86.1	86.4	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.9
≥ 1800	76.1	84.2	85.4	86.4	86.8	86.9	87.2	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.7
≥ 1500	77.3	86.1	87.4	88.4	89.0	89.1	89.4	89.4	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.9
≥ 1200	78.5	87.9	89.3	90.5	91.1	91.2	91.5	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.0
1 00	79.0	88.9	90.5	91.9	92.6	92.7	93.0	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.6
≥ 900	79.2	89.3	91.0	92.4	93.1	93.2	93.6	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.2
800	79.4	89.9	91.7	93.2	94.0	94.2	94.6	94.7	94.8	95.0	95.1	95.1	95.1	95.2	95.2	95.2
≥ 700	79.5	90.4	92.2	93.9	94.7	94.9	95.3	95.5	95.5	95.8	95.8	95.8	95.9	95.9	95.9	96.0
600	79.6	90.6	92.5	94.3	95.2	95.3	95.9	96.1	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 500	79.7	90.9	92.9	94.7	95.8	95.9	96.7	96.9	97.0	97.4	97.4	97.4	97.5	97.5	97.5	97.6
400	79.7	91.1	93.1	95.1	96.2	96.4	97.3	97.6	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 300	79.7	91.1	93.2	95.3	96.5	96.8	97.7	98.1	98.2	98.7	98.8	98.8	98.9	98.9	99.0	99.0
200	79.8	91.1	93.2	95.4	96.7	96.9	97.9	98.3	98.5	99.0	99.2	99.2	99.3	99.4	99.4	99.5
≥ 100	79.8	91.1	93.2	95.4	96.7	96.9	97.9	98.4	98.5	99.1	99.3	99.3	99.5	99.5	99.7	99.8
0	79.8	91.1	93.2	95.4	96.7	96.9	97.9	98.4	98.5	99.1	99.3	99.3	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 18471

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.3	53.8	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	60.3	63.7	64.0	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7
≥ 18000	60.5	63.9	64.2	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 16000	60.6	64.1	64.4	64.7	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1
≥ 14000	61.6	65.2	65.6	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3
≥ 12000	63.5	67.5	67.8	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 10000	65.8	70.0	70.4	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 9000	66.6	71.0	71.4	71.7	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 8000	68.1	72.9	73.3	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1
≥ 7000	69.5	74.4	74.9	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7
≥ 6000	70.3	75.5	76.0	76.4	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8
≥ 5000	72.0	77.7	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0
≥ 4500	72.7	78.5	79.0	79.4	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9
≥ 4000	74.1	80.3	80.9	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9
≥ 3500	75.1	81.6	82.3	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4
≥ 3000	76.8	83.7	84.4	84.9	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
≥ 2500	78.3	85.6	86.4	87.0	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.7
≥ 2000	79.9	87.8	88.7	89.3	89.6	89.6	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1
≥ 1800	80.4	88.4	89.4	90.0	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.8
≥ 1500	81.4	89.8	90.9	91.6	91.9	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.4
≥ 1200	82.3	91.0	92.2	93.1	93.4	93.4	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9
≥ 1000	82.8	91.9	93.2	94.1	94.4	94.5	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 900	82.9	92.2	93.6	94.5	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.5
≥ 800	83.2	92.7	94.1	95.2	95.6	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 700	83.3	93.1	94.5	95.7	96.1	96.2	96.4	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8
≥ 600	83.5	93.4	95.0	96.1	96.6	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 500	83.7	93.8	95.5	96.7	97.3	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.2
≥ 400	83.7	93.9	95.7	97.1	97.7	97.8	98.2	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 300	83.7	94.0	95.9	97.3	98.0	98.1	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.3
≥ 200	83.8	94.1	95.9	97.4	98.1	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 100	83.8	94.1	95.9	97.4	98.1	98.3	98.8	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8
≥ 0	83.8	94.1	95.9	97.4	98.1	98.3	98.8	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 18692

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 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	≥1 ½	≥1¼	≥1	≥¾	≥⅝	≥ ½	≥5/16	≥ ¼	≥0
NO CEILING	59.0	61.1	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 20000	67.9	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	68.1	71.0	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 16000	68.3	71.2	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	69.7	72.8	73.2	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
≥ 12000	71.9	75.1	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 10000	74.0	77.5	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
≥ 9000	74.9	78.4	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 8000	76.2	80.0	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
≥ 7000	77.0	80.9	81.5	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 6000	77.9	82.1	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 5000	79.3	83.7	84.3	84.7	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	79.9	84.3	85.0	85.4	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	81.4	86.2	86.9	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3500	82.5	87.4	88.2	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 3000	84.3	89.6	90.4	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 2500	85.6	91.1	92.0	92.4	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	86.6	92.5	93.4	93.9	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	86.9	92.8	93.8	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1500	87.5	93.7	94.7	95.3	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 1200	88.0	94.4	95.5	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	88.2	94.8	96.0	96.7	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 900	88.4	95.1	96.3	97.1	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	88.6	95.4	96.7	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	88.7	95.6	96.9	97.6	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 600	88.8	95.7	97.0	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	88.9	95.9	97.2	98.1	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 400	88.9	96.0	97.4	98.3	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 300	88.9	96.1	97.5	98.4	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
> 200	88.9	96.1	97.5	98.5	99.0	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100	88.9	96.1	97.5	98.5	99.0	99.1	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 0	88.9	96.1	97.5	98.5	99.0	99.1	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 19079

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.6	65.8	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	72.4	75.4	75.8	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≤ 18000	72.6	75.6	76.0	76.2	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	72.9	76.0	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	74.5	77.6	77.9	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	77.3	81.0	81.4	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	80.0	83.8	84.2	84.5	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	80.6	84.5	84.9	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	81.9	86.0	86.5	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	82.8	87.0	87.5	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 6000	83.9	88.3	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	85.1	89.9	90.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≤ 4000	85.5	90.4	91.0	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	86.5	91.6	92.3	92.7	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≤ 3500	87.2	92.4	93.1	93.5	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 3000	88.1	93.5	94.3	94.7	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≤ 2500	88.8	94.4	95.3	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	89.2	95.0	95.8	96.3	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 1800	89.3	95.1	96.0	96.5	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	89.6	95.7	96.6	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1200	89.7	96.0	96.9	97.5	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1000	89.9	96.3	97.2	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 900	89.9	96.4	97.4	97.9	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 800	90.0	96.6	97.5	98.1	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 700	90.1	96.7	97.7	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	90.1	96.8	97.8	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 500	90.2	97.0	98.1	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	90.2	97.1	98.2	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≤ 300	90.2	97.2	98.3	98.9	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	90.3	97.2	98.3	99.0	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	90.3	97.2	98.3	99.0	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	90.3	97.2	98.3	99.0	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 19506

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

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

ALL (HOURS EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.0	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	71.8	74.9	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	72.2	75.3	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	72.7	75.8	76.2	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	74.2	77.4	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	76.8	80.4	80.8	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 10000	79.8	83.8	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 9000	80.8	84.8	85.3	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	82.1	86.4	87.0	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 7000	83.3	87.8	88.4	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 6000	84.4	89.1	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 5000	85.6	90.5	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	85.9	90.9	91.5	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 4000	86.8	91.9	92.6	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3500	87.3	92.5	93.2	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	88.0	93.4	94.1	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 2500	88.4	94.0	94.7	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 2000	88.9	94.7	95.5	96.1	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 1800	89.1	94.9	95.7	96.3	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 1500	89.4	95.4	96.1	96.8	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 1200	89.6	95.7	96.5	97.2	97.5	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	89.8	96.1	96.9	97.6	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 900	89.9	96.2	97.0	97.8	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 800	90.0	96.4	97.2	98.0	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 700	90.1	96.5	97.4	98.2	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 600	90.1	96.6	97.5	98.4	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	90.2	96.7	97.6	98.6	99.0	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	90.2	96.8	97.7	98.7	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	90.2	96.8	97.8	98.8	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	90.2	96.8	97.8	98.8	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	90.2	96.8	97.8	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	90.2	96.3	97.8	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 19989

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.9	65.0	65.4	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 20000	68.3	70.7	71.2	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 18000	68.5	71.0	71.4	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 16000	68.7	71.2	71.6	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 14000	69.8	72.3	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4
≥ 12000	72.4	75.1	75.5	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 10000	74.3	77.2	77.7	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5
≥ 9000	75.1	78.1	78.6	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 8000	76.4	79.6	80.2	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0
≥ 7000	77.2	80.5	81.1	81.4	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 6000	78.1	81.7	82.3	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 5000	79.2	83.0	83.7	84.1	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 4500	79.6	83.6	84.3	84.7	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 4000	80.3	84.5	85.3	85.8	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 3500	81.1	85.2	86.0	86.5	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 3000	82.0	86.5	87.3	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5
≥ 2500	82.9	87.6	88.5	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.8
≥ 2000	83.8	88.8	89.8	90.4	90.6	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1800	84.0	89.2	90.2	90.8	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 1500	84.6	90.0	91.1	91.8	92.0	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
≥ 1200	85.3	91.0	92.2	92.9	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 1000	85.8	91.8	93.0	93.8	94.1	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 900	86.0	92.1	93.3	94.2	94.5	94.6	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 800	86.2	92.6	93.8	94.7	95.1	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 700	86.3	92.9	94.3	95.3	95.7	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.4
≥ 600	86.4	93.3	94.7	95.7	96.2	96.2	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 500	86.5	93.6	95.1	96.2	96.7	96.8	97.1	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.6
≥ 400	86.6	93.8	95.4	96.7	97.4	97.4	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 300	86.6	93.9	95.6	97.0	97.8	97.8	98.3	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 200	86.6	93.9	95.6	97.1	97.9	98.0	98.4	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.5
≥ 100	86.6	94.0	95.6	97.1	97.9	98.0	98.5	98.8	98.9	99.2	99.3	99.3	99.5	99.5	99.6	99.8
≥ 0	86.6	94.0	95.6	97.1	97.9	98.0	98.5	98.8	98.9	99.3	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 19157

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STA NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS L S T

CEILING (FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.5	66.8	67.1	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.9	68.0
≥ 20000	69.2	72.0	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.4
≥ 18000	69.4	72.2	72.6	72.8	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.5
≥ 16000	69.8	72.6	73.0	73.3	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	74.0
≥ 14000	70.7	73.5	73.9	74.2	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.9
≥ 12000	72.3	75.4	75.8	76.1	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.8
≥ 10000	74.1	77.4	77.8	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.8
≥ 9000	74.6	77.9	78.3	78.6	78.8	78.8	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.3
≥ 8000	75.5	79.0	79.4	79.7	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.5
≥ 7000	76.4	79.9	80.4	80.7	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.5
≥ 6000	77.2	80.9	81.4	81.7	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.5
≥ 5000	78.1	82.1	82.6	83.0	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.8
≥ 4500	78.6	82.7	83.2	83.6	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.4
≥ 4000	79.2	83.4	84.0	84.5	84.7	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.2
≥ 3500	79.8	84.3	84.8	85.3	85.6	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.1
≥ 3000	80.7	85.3	85.9	86.5	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.2	87.3
≥ 2500	81.6	86.5	87.1	87.7	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.6
≥ 2000	82.7	87.9	88.6	89.3	89.6	89.7	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.2
≥ 1800	83.0	88.2	89.0	89.7	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.6
≥ 1500	83.6	89.1	89.9	90.6	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.6
≥ 1200	84.3	90.1	90.9	91.7	92.1	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.7
≥ 1000	84.8	90.9	91.8	92.6	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.7
≥ 900	85.0	91.3	92.2	93.0	93.5	93.6	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.2
≥ 800	85.2	91.8	92.8	93.7	94.2	94.3	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.9
≥ 700	85.4	92.2	93.2	94.2	94.7	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.5
≥ 600	85.6	92.6	93.6	94.8	95.4	95.5	95.6	95.7	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.2
≥ 500	85.7	92.8	94.0	95.2	95.9	96.0	96.3	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.9
≥ 400	85.8	93.1	94.3	95.7	96.6	96.7	97.1	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.9
≥ 300	85.9	93.3	94.6	96.1	97.0	97.1	97.6	97.8	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.7
≥ 200	85.9	93.3	94.7	96.3	97.2	97.4	97.9	98.2	98.3	98.7	98.8	98.8	98.9	99.0	99.0	99.2
≥ 100	85.9	93.3	94.7	96.3	97.3	97.4	98.0	98.3	98.4	98.9	99.0	99.0	99.2	99.2	99.3	99.6
≥ 0	85.9	93.3	94.7	96.3	97.3	97.4	98.0	98.3	98.4	98.9	99.0	99.0	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 19550

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-75 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.4	64.5	64.8	65.0	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4
≥ 20000	68.8	71.3	71.6	71.9	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 18000	69.0	71.6	71.9	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 16000	69.3	71.9	72.2	72.4	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 14000	70.2	72.9	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 12000	71.8	74.5	75.0	75.2	75.3	75.4	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.7
≥ 10000	72.9	75.7	76.1	76.4	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.9
≥ 9000	73.3	76.2	76.7	76.9	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 8000	74.2	77.2	77.7	77.9	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 7000	74.9	78.0	78.5	78.7	78.8	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2
≥ 6000	75.5	78.8	79.3	79.6	79.7	79.7	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1
≥ 5000	76.2	79.6	80.1	80.4	80.5	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9
≥ 4500	76.5	80.1	80.6	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5
≥ 4000	77.2	80.9	81.5	81.8	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 3500	77.9	81.7	82.3	82.7	82.9	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 3000	78.6	82.6	83.2	83.6	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3
≥ 2500	79.5	83.8	84.5	84.9	85.1	85.1	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.6
≥ 2000	80.7	85.4	86.1	86.5	86.7	86.8	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3
≥ 1800	81.1	85.9	86.6	87.1	87.4	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 1500	82.2	87.3	88.1	88.6	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5
≥ 1200	83.0	88.6	89.6	90.1	90.5	90.6	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1000	83.4	89.2	90.3	91.0	91.4	91.5	91.6	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.1
≥ 900	83.6	89.7	90.8	91.5	92.0	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.7	92.7
≥ 800	83.9	90.2	91.5	92.3	92.8	92.9	93.1	93.2	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.7
≥ 700	84.0	90.5	91.8	92.8	93.3	93.4	93.7	93.8	93.8	94.0	94.1	94.1	94.1	94.2	94.2	94.3
≥ 600	84.2	90.8	92.1	93.2	93.8	94.0	94.3	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	95.0
≥ 500	84.3	91.1	92.6	93.9	94.6	94.8	95.2	95.4	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.1
≥ 400	84.4	91.4	93.0	94.4	95.4	95.6	96.1	96.3	96.4	96.7	96.8	96.8	97.0	97.0	97.1	97.1
≥ 300	84.4	91.5	93.1	94.8	95.9	96.2	96.8	97.2	97.2	97.7	97.8	97.8	98.1	98.1	98.2	98.3
≥ 200	84.4	91.5	93.2	94.9	96.1	96.3	97.0	97.5	97.5	98.1	98.3	98.3	98.6	98.6	98.8	98.9
≥ 100	84.4	91.5	93.2	94.9	96.2	96.4	97.2	97.6	97.7	98.3	98.6	98.6	98.9	99.0	99.2	99.4
≥ 0	84.4	91.5	93.2	94.9	96.2	96.4	97.2	97.6	97.7	98.3	98.6	98.6	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 19140

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.7	58.0	58.4	58.6	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.3
≥ 20000	62.8	65.8	66.2	66.6	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.3
≥ 18000	63.3	66.2	66.7	67.0	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.8
≥ 16000	63.6	66.6	67.1	67.4	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9	68.2
≥ 14000	64.7	67.9	68.4	68.7	68.8	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.5
≥ 12000	66.5	69.9	70.5	70.8	70.9	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.6
≥ 10000	67.9	71.5	72.1	72.5	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.3
≥ 9000	68.2	71.9	72.5	72.9	73.1	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.7
≥ 8000	69.0	72.7	73.4	73.8	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.7
≥ 7000	69.7	73.5	74.3	74.7	74.8	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.5
≥ 6000	70.1	74.0	74.7	75.2	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	76.0
≥ 5000	70.9	74.9	75.6	76.1	76.2	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.9
≥ 4500	71.3	75.4	76.1	76.6	76.7	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.5
≥ 4000	71.9	76.0	76.8	77.3	77.5	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.2
≥ 3500	72.5	76.7	77.6	78.1	78.3	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	79.0
≥ 3000	73.2	77.5	78.4	78.9	79.2	79.2	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.9
≥ 2500	73.9	78.4	79.4	80.0	80.2	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	81.0
≥ 2000	74.9	79.8	80.8	81.5	81.8	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.6
≥ 1800	75.2	80.3	81.3	82.0	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	83.2
≥ 1500	76.0	81.5	82.6	83.4	83.9	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.5	84.7
≥ 1200	76.7	82.5	83.8	84.7	85.2	85.2	85.6	85.7	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.3
≥ 1000	77.3	83.6	85.0	86.1	86.6	86.7	87.0	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.5	87.8
≥ 900	77.5	84.0	85.5	86.7	87.3	87.3	87.7	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.3	88.6
≥ 800	77.6	84.4	86.0	87.3	88.0	88.1	88.5	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.5
≥ 700	77.7	84.8	86.6	88.1	88.9	89.0	89.5	89.8	89.8	90.0	90.1	90.1	90.2	90.2	90.3	90.5
≥ 600	77.8	85.1	87.0	88.7	89.6	89.8	90.4	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.2	91.5
≥ 500	78.0	85.4	87.5	89.4	90.5	90.7	91.4	91.8	91.9	92.3	92.4	92.4	92.6	92.6	92.7	93.0
≥ 400	78.0	85.6	87.8	89.7	91.1	91.3	92.2	92.8	92.9	93.4	93.6	93.6	93.8	93.8	94.0	94.2
≥ 300	78.0	85.7	88.0	90.1	91.6	91.8	93.0	93.7	93.9	94.7	94.9	94.9	95.2	95.3	95.4	95.7
≥ 200	78.0	85.7	88.0	90.2	91.8	92.1	93.3	94.2	94.5	95.5	95.9	96.0	96.3	96.3	96.7	97.1
≥ 100	78.0	85.8	88.0	90.2	91.8	92.1	93.4	94.3	94.6	95.9	96.4	96.4	97.0	97.2	97.6	98.3
0	78.0	85.8	88.0	90.2	91.8	92.1	93.4	94.3	94.6	95.9	96.5	96.6	97.2	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 18477

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47;49-60,68,75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.8	61.5	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.5
≥ 20000	62.1	66.1	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.2
≥ 18000	62.4	66.4	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.4
≥ 16000	62.5	66.5	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 14000	63.6	68.0	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	69.0
≥ 12000	65.3	70.0	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.1
≥ 10000	67.2	72.0	72.5	72.7	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.1
≥ 9000	67.8	72.6	73.0	73.2	73.2	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥ 8000	68.6	73.5	74.0	74.3	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.8
≥ 7000	69.0	74.2	74.7	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.6
≥ 6000	69.7	75.1	75.7	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.6
≥ 5000	70.0	75.8	76.4	76.8	76.8	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.3
≥ 4500	70.3	76.2	76.7	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.6
≥ 4000	71.0	77.0	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.5
≥ 3500	71.8	77.9	78.4	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.3
≥ 3000	72.4	78.8	79.3	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.3
≥ 2500	72.9	79.5	80.1	80.6	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.3
≥ 2000	74.0	81.3	82.0	82.5	82.7	82.7	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.4
≥ 1800	74.3	81.9	82.6	83.1	83.3	83.3	83.6	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.2
≥ 1500	74.9	83.3	83.9	84.5	84.8	84.8	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.8
≥ 1200	75.5	84.6	85.3	85.9	86.2	86.3	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.3
≥ 1000	75.6	85.3	86.1	86.8	87.1	87.1	87.6	87.7	87.7	88.0	88.0	88.0	88.1	88.2	88.2	88.4
≥ 900	75.6	85.4	86.3	87.0	87.3	87.3	87.9	88.0	88.0	88.3	88.4	88.4	88.4	88.6	88.6	88.7
≥ 800	75.8	85.8	86.9	87.7	88.0	88.0	88.6	88.7	88.7	89.1	89.1	89.1	89.2	89.3	89.3	89.5
≥ 700	76.1	86.7	87.9	88.9	89.3	89.4	89.9	90.0	90.0	90.6	90.6	90.6	90.7	90.8	90.8	91.0
≥ 600	76.2	87.2	88.4	89.4	89.8	89.8	90.4	90.5	90.5	91.0	91.1	91.1	91.2	91.2	91.2	91.4
≥ 500	76.3	87.4	88.8	89.9	90.3	90.4	91.1	91.2	91.2	91.7	91.8	91.8	92.0	92.1	92.1	92.3
≥ 400	76.3	87.4	88.8	89.9	90.5	90.6	91.3	91.5	91.5	92.3	92.4	92.4	92.7	92.8	92.8	92.9
≥ 300	76.3	87.6	89.0	90.2	90.9	91.0	91.8	92.0	92.0	92.8	92.9	93.0	93.3	93.4	93.4	93.6
≥ 200	76.3	87.6	89.2	90.4	91.3	91.5	92.3	92.7	92.8	93.9	94.0	94.0	94.4	94.5	94.7	94.9
≥ 100	76.3	87.6	89.2	90.4	91.4	91.6	92.7	92.8	92.9	94.1	94.4	94.4	95.1	95.2	95.6	96.0
≥ 0	76.3	87.6	89.2	90.4	91.4	91.6	92.7	92.8	92.9	94.1	94.4	94.6	95.3	95.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1757

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.2	59.2	59.7	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.8
≥ 20000	60.0	64.6	65.1	65.5	65.6	65.6	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.4
≥ 18000	60.2	64.8	65.3	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.5
≥ 16000	60.4	65.1	65.5	66.0	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.8
≥ 14000	61.4	66.2	66.6	67.0	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.9
≥ 12000	63.0	68.1	68.6	69.0	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.6	69.9
≥ 10000	65.1	70.4	70.9	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.3
≥ 9000	66.1	71.7	72.2	72.6	72.7	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.3	73.6
≥ 8000	67.0	72.5	73.1	73.6	73.8	73.8	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.8
≥ 7000	67.6	73.2	73.7	74.2	74.4	74.4	74.6	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.1	75.4
≥ 6000	68.0	73.7	74.3	74.8	75.0	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.9
≥ 5000	68.7	74.8	75.4	75.9	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.8	77.1
≥ 4500	68.8	75.0	75.6	76.1	76.3	76.3	76.5	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.0	77.3
≥ 4000	69.2	75.4	76.1	76.6	76.8	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.7
≥ 3500	69.9	76.3	77.0	77.5	77.7	77.7	77.9	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.7
≥ 3000	70.2	76.8	77.6	78.1	78.4	78.4	78.6	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.4
≥ 2500	70.5	77.7	78.5	79.0	79.5	79.5	79.7	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.3	80.6
≥ 2000	71.7	79.4	80.2	80.8	81.3	81.3	81.5	81.7	81.7	82.0	82.0	82.0	82.1	82.1	82.1	82.5
≥ 1800	72.1	79.9	80.7	81.3	81.8	81.8	82.0	82.3	82.3	82.5	82.5	82.5	82.7	82.7	82.7	83.1
≥ 1500	72.6	80.7	81.6	82.2	82.7	82.7	82.9	83.2	83.2	83.5	83.5	83.5	83.6	83.6	83.7	84.0
≥ 1200	72.9	81.7	82.6	83.2	83.8	83.9	84.1	84.4	84.4	84.7	84.7	84.7	84.8	84.8	84.9	85.2
≥ 1000	73.3	82.8	83.7	84.4	85.0	85.0	85.3	85.6	85.6	85.9	85.9	85.9	86.1	86.1	86.2	86.5
≥ 900	73.3	83.0	84.0	84.6	85.3	85.4	85.6	85.9	85.9	86.2	86.3	86.3	86.4	86.4	86.5	86.9
≥ 800	73.5	83.6	84.8	85.5	86.4	86.4	86.8	87.1	87.1	87.5	87.6	87.6	87.8	87.8	87.9	88.2
≥ 700	73.7	84.1	85.3	86.1	87.1	87.1	87.5	87.9	87.9	88.3	88.4	88.4	88.7	88.7	88.7	89.1
≥ 600	73.7	84.4	85.7	86.6	87.7	87.8	88.1	88.5	88.5	89.0	89.0	89.0	89.3	89.3	89.4	89.8
≥ 500	74.0	84.8	86.2	87.3	88.6	88.6	89.0	89.4	89.4	90.1	90.2	90.2	90.4	90.5	90.5	90.9
≥ 400	74.1	85.0	86.4	87.6	89.0	89.0	89.7	90.1	90.1	91.0	91.1	91.2	91.5	91.5	91.6	91.9
≥ 300	74.1	85.2	86.6	87.9	89.3	89.4	90.3	90.7	90.8	91.7	92.0	92.1	92.5	92.6	92.6	93.1
≥ 200	74.2	85.2	86.7	88.1	89.6	89.7	90.6	91.2	91.3	92.4	92.7	92.8	93.5	93.6	93.7	94.3
≥ 100	74.2	85.2	86.7	88.1	89.8	89.9	90.9	91.5	91.6	92.8	93.2	93.3	94.2	94.5	95.0	96.1
0	74.2	85.2	86.7	88.1	89.8	89.9	90.9	91.5	91.6	92.8	93.2	93.4	94.4	94.7	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2206

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.7	54.7	55.5	56.0	56.2	56.2	56.4	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.7	56.9
≥ 20000	35.6	60.8	61.7	62.2	62.4	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	63.2
≥ 18000	56.1	61.3	62.2	62.7	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.6
≥ 16000	56.2	61.6	62.5	62.9	63.2	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.9
≥ 14000	57.6	62.9	63.9	64.4	64.6	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.4
≥ 12000	59.3	64.8	65.8	66.3	66.6	66.6	66.8	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.1	67.3
≥ 10000	61.3	67.2	68.1	68.6	68.9	69.0	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.5	69.5	69.8
≥ 9000	61.7	67.6	68.5	69.1	69.4	69.5	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.2
≥ 8000	63.2	69.2	70.2	70.8	71.1	71.2	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.7	71.7	72.0
≥ 7000	63.8	69.9	70.9	71.5	71.9	72.0	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.5	72.7
≥ 6000	64.4	70.5	71.5	72.2	72.5	72.6	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.4
≥ 5000	65.1	71.3	72.3	73.1	73.4	73.5	73.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.3
≥ 4500	65.3	71.5	72.6	73.3	73.7	73.7	74.0	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.6
≥ 4000	65.7	72.0	73.1	73.9	74.2	74.3	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.9	75.1
≥ 3500	66.1	72.4	73.6	74.3	74.7	74.8	75.0	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.4	75.6
≥ 3000	66.6	73.2	74.6	75.3	75.7	75.8	76.0	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.4	76.6
≥ 2500	67.1	74.1	75.6	76.4	76.8	76.9	77.1	77.1	77.1	77.3	77.4	77.4	77.4	77.5	77.5	77.8
≥ 2000	68.3	75.6	77.2	78.1	78.5	78.5	78.8	78.8	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.5
≥ 1800	68.5	75.9	77.5	78.4	78.8	78.8	79.1	79.1	79.1	79.3	79.3	79.3	79.5	79.5	79.5	79.8
≥ 1500	69.1	76.9	78.5	79.4	79.9	79.9	80.2	80.3	80.3	80.6	80.7	80.7	80.8	80.8	80.9	81.1
≥ 1200	70.1	78.3	80.0	81.0	81.6	81.7	82.0	82.1	82.1	82.5	82.6	82.6	82.7	82.7	82.8	83.0
≥ 1000	70.6	79.5	81.5	82.5	83.2	83.3	83.6	83.7	83.7	84.1	84.3	84.3	84.4	84.4	84.5	84.8
≥ 900	70.8	79.8	81.8	82.8	83.5	83.6	84.0	84.1	84.1	84.5	84.6	84.6	84.8	84.8	84.9	85.1
≥ 800	71.0	80.2	82.2	83.3	84.1	84.1	84.7	84.8	84.8	85.2	85.4	85.4	85.6	85.7	85.8	86.0
≥ 700	71.1	80.6	82.7	83.8	84.7	84.8	85.4	85.5	85.5	86.0	86.2	86.2	86.3	86.3	86.6	86.9
≥ 600	71.3	81.2	83.4	84.7	85.8	85.9	86.5	86.7	86.7	87.3	87.5	87.5	87.7	87.8	87.9	88.1
≥ 500	71.5	81.7	84.0	85.4	86.6	86.8	87.6	87.8	87.8	88.4	88.7	88.7	88.9	89.0	89.1	89.3
≥ 400	71.5	81.8	84.2	85.8	87.3	87.5	88.7	89.0	89.1	89.9	90.3	90.3	90.7	90.8	90.8	91.2
≥ 300	71.5	81.9	84.4	86.0	87.6	87.8	89.2	89.9	90.1	91.0	91.7	91.7	92.2	92.3	92.5	92.9
≥ 200	71.5	81.9	84.4	86.1	87.7	88.0	89.4	90.2	90.4	91.5	92.3	92.5	93.2	93.4	93.8	94.7
≥ 100	71.5	81.9	84.4	86.1	87.8	88.0	89.5	90.3	90.5	91.7	92.5	92.7	93.6	94.1	94.8	96.2
≥ 0	71.5	81.9	84.4	86.1	87.8	88.0	89.5	90.3	90.5	91.8	92.6	92.9	93.9	94.4	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2731

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.9	52.6	53.0	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
≥ 20000	57.6	61.3	62.0	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
≥ 18000	58.4	62.2	62.8	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 16000	58.8	62.6	63.3	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 14000	60.3	64.2	64.9	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 12000	61.8	66.2	66.9	67.6	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0
≥ 10000	63.0	67.6	68.4	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 9000	63.6	68.5	69.4	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 8000	65.2	70.2	71.1	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 7000	65.6	70.7	71.6	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 6000	65.9	71.1	72.0	72.9	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 5000	66.5	71.8	72.7	73.6	73.8	73.8	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3
≥ 4500	66.6	72.1	73.0	73.9	74.1	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6
≥ 4000	67.1	72.8	73.7	74.6	74.8	74.8	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 3500	67.4	73.2	74.1	75.0	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 3000	67.7	73.5	74.5	75.4	75.6	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 2500	68.2	74.3	75.3	76.2	76.5	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 2000	69.0	75.4	76.6	77.5	77.9	77.9	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.6
≥ 1800	69.1	75.7	76.9	77.9	78.2	78.2	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
≥ 1500	69.6	76.5	78.0	79.1	79.4	79.5	79.8	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.4
≥ 1200	70.4	77.9	79.4	80.6	81.0	81.1	81.4	81.6	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.1
≥ 1000	71.1	78.8	80.5	81.9	82.5	82.6	83.0	83.3	83.4	83.6	83.6	83.6	83.7	83.7	83.9	84.0
≥ 900	71.3	79.4	81.2	82.7	83.4	83.4	83.9	84.2	84.3	84.3	84.6	84.6	84.7	84.7	84.8	84.9
≥ 800	71.7	80.0	82.1	83.6	84.4	84.5	85.0	85.3	85.4	85.7	85.9	85.9	86.0	86.0	86.2	86.3
≥ 700	71.8	80.4	82.7	84.4	85.2	85.5	86.1	86.3	86.7	87.0	87.2	87.2	87.4	87.4	87.5	87.6
≥ 600	71.8	80.6	83.0	85.0	86.0	86.2	86.9	87.4	87.6	88.0	88.2	88.2	88.4	88.4	88.6	88.7
≥ 500	71.9	81.1	83.8	86.1	87.3	87.5	88.4	89.1	89.4	90.0	90.3	90.3	90.6	90.6	90.7	90.8
≥ 400	71.9	81.2	84.1	86.6	88.0	88.4	89.7	90.5	90.8	91.7	92.0	92.1	92.5	92.5	92.7	92.9
≥ 300	71.9	81.3	84.2	86.9	88.4	88.8	90.4	91.4	91.8	93.0	93.4	93.5	94.0	94.0	94.3	94.5
≥ 200	71.9	81.4	84.4	87.0	88.5	89.0	90.6	91.8	92.2	93.6	94.3	94.4	95.3	95.4	95.9	96.5
≥ 100	71.9	81.4	84.4	87.0	88.6	89.0	90.7	91.8	92.3	93.7	94.5	94.7	96.0	96.2	96.9	98.2
≥ 0	71.9	81.4	84.4	87.0	88.6	89.0	90.7	91.8	92.3	93.8	94.6	94.8	96.1	96.4	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2917

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-73 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.3	53.4	53.8	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	61.1	63.9	64.4	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	61.7	64.5	65.0	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	62.1	64.8	65.4	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	63.6	66.5	67.0	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	65.5	68.6	69.2	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	66.7	69.9	70.6	71.0	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	67.4	70.7	71.4	71.8	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	68.0	71.6	72.3	72.7	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	68.5	72.2	72.9	73.3	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	68.7	72.6	73.3	73.8	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	69.3	73.4	74.1	74.6	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	69.5	73.6	74.3	74.8	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	69.8	74.0	74.8	75.3	75.5	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	70.2	74.6	75.4	76.1	76.3	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	70.7	75.3	76.1	76.8	77.1	77.1	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	71.5	76.2	77.0	77.8	78.0	78.0	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	72.2	77.2	77.9	78.7	78.9	79.0	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6
≥ 1800	72.6	77.8	78.6	79.4	79.7	79.7	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1500	73.6	79.4	80.2	81.3	81.7	81.7	82.2	82.2	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1200	74.4	80.6	81.6	82.9	83.3	83.4	83.9	84.0	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1000	75.0	82.1	83.4	84.8	85.4	85.5	86.1	86.3	86.3	86.5	86.7	86.7	87.0	87.0	87.0	87.0
≥ 900	75.3	82.7	84.2	85.8	86.5	86.6	87.1	87.3	87.3	87.5	87.8	87.8	88.0	88.0	88.1	88.1
≥ 800	75.4	83.2	85.0	86.9	87.6	87.7	88.3	88.5	88.5	88.8	89.0	89.0	89.3	89.3	89.3	89.3
≥ 700	75.6	83.5	85.6	87.9	88.7	88.9	89.6	89.9	90.0	90.3	90.5	90.5	90.8	90.8	90.8	90.8
≥ 600	75.6	83.8	86.2	88.5	89.5	89.7	90.5	90.9	91.0	91.3	91.7	91.7	92.0	92.0	92.0	92.0
≥ 500	75.8	84.2	86.8	89.4	90.6	90.9	91.8	92.3	92.5	92.9	93.3	93.3	93.7	93.7	93.8	93.8
≥ 400	75.9	84.3	87.0	89.8	91.2	91.6	92.8	93.5	93.7	94.5	94.9	95.0	95.5	95.6	95.6	95.6
≥ 300	75.9	84.4	87.2	89.9	91.5	91.9	93.3	94.0	94.5	95.6	96.2	96.3	97.1	97.2	97.3	97.5
≥ 200	75.9	84.4	87.2	90.0	91.5	91.9	93.3	94.2	94.7	96.1	96.9	97.0	97.9	98.0	98.2	98.6
≥ 100	75.9	84.4	87.2	90.0	91.5	91.9	93.3	94.2	94.7	96.1	96.9	97.0	98.2	98.3	98.7	99.2
0	75.9	84.4	87.2	90.0	91.5	91.9	93.3	94.2	94.7	96.1	96.9	97.0	98.2	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2924

USAF ETAC FORM JUL 64 , (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.3	53.8	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	63.4	65.8	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6
≥ 18000	64.1	66.4	66.7	66.9	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	64.4	66.9	67.2	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	66.0	68.7	69.0	69.2	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7
≥ 12000	68.4	71.5	71.8	72.0	72.1	72.1	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	69.6	72.7	73.0	73.3	73.4	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	70.1	73.5	73.8	74.0	74.2	74.2	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	70.9	74.4	74.8	75.0	75.2	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	71.7	75.3	75.6	75.8	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	72.1	75.9	76.3	76.5	76.7	76.7	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	72.8	76.8	77.2	77.4	77.7	77.7	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	73.0	77.1	77.4	77.7	78.0	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	73.5	77.5	77.9	78.3	78.5	78.5	78.6	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0
≥ 3500	73.9	78.1	78.5	78.9	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥ 3000	74.7	79.0	79.4	79.8	80.1	80.1	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	75.6	80.1	80.6	81.0	81.3	81.3	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9
≥ 2000	76.5	81.3	81.8	82.3	82.7	82.7	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4
≥ 1800	76.8	81.8	82.3	82.8	83.1	83.2	83.5	83.6	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9
≥ 1500	77.6	82.9	83.7	84.3	84.7	84.7	85.2	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 1200	78.1	84.0	85.1	86.1	86.5	86.6	87.2	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1000	78.5	85.0	86.2	87.5	88.2	88.3	88.9	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.7
≥ 900	78.5	85.2	86.4	87.7	88.5	88.6	89.2	89.6	89.6	89.8	90.0	90.0	90.0	90.1	90.1	90.2
≥ 800	78.8	85.6	87.3	88.8	89.8	89.9	90.6	90.9	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.6
≥ 700	78.9	85.8	87.6	89.4	90.6	90.7	91.6	91.9	92.1	92.3	92.5	92.5	92.6	92.6	92.6	92.7
≥ 600	78.9	85.8	88.0	90.0	91.2	91.5	92.4	92.8	93.1	93.4	93.5	93.5	93.7	93.7	93.7	93.9
≥ 500	79.0	86.0	88.3	90.4	92.0	92.2	93.-	93.3	94.1	94.7	94.9	94.9	95.1	95.3	95.3	95.4
≥ 400	79.0	86.0	88.4	90.5	92.5	92.6	93.+	94.8	95.3	96.2	96.5	96.5	96.8	96.9	96.9	97.1
≥ 300	79.0	86.0	88.4	90.6	92.6	92.7	94.1	95.0	95.6	96.9	97.2	97.2	97.5	97.8	97.8	98.0
≥ 200	79.0	86.0	88.4	90.6	92.6	92.8	94.2	95.2	95.8	97.2	97.8	97.8	98.3	98.6	98.7	99.0
≥ 100	79.0	86.0	88.4	90.6	92.6	92.8	94.2	95.2	95.8	97.2	97.9	98.0	98.6	98.9	99.1	99.7
0	79.0	86.0	88.4	90.6	92.6	92.8	94.2	95.2	95.8	97.2	97.9	98.0	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2894

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-47,49-75 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS L.S.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.8	60.0	60.2	60.5	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 20000	64.6	68.7	69.0	69.3	69.4	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 18000	65.1	69.1	69.5	69.8	69.9	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 16000	65.6	69.9	70.2	70.5	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.2
≥ 14000	67.1	71.5	71.8	72.2	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9
≥ 12000	68.9	73.5	73.9	74.2	74.5	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 10000	70.5	75.2	75.6	76.0	76.3	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 9000	71.1	76.1	76.5	76.9	77.2	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 8000	71.5	76.6	77.1	77.5	77.8	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 7000	72.6	77.8	78.3	78.8	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 6000	72.9	78.3	78.8	79.3	79.5	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0
≥ 5000	73.4	79.1	79.6	80.1	80.3	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 4500	73.6	79.3	79.8	80.2	80.5	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 4000	74.2	80.0	80.6	81.0	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 3500	74.5	80.5	81.1	81.5	81.8	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 3000	74.8	80.9	81.4	81.9	82.3	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 2500	75.5	82.1	82.7	83.2	83.6	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 2000	76.6	83.6	84.2	84.7	85.1	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.8
≥ 1800	76.7	83.8	84.5	85.0	85.4	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 1500	77.1	84.7	85.7	86.4	86.8	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5
≥ 1200	77.5	85.5	86.7	87.5	88.0	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 1000	77.7	86.2	87.5	88.4	89.0	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.9	89.9	89.9	90.0
≥ 900	78.0	86.8	88.2	89.2	89.9	90.1	90.4	90.5	90.5	90.7	90.7	90.7	90.9	90.9	91.0	91.1
≥ 800	78.3	87.4	88.8	90.1	90.8	91.1	91.5	91.6	91.6	91.8	91.8	91.8	92.0	92.0	92.1	92.2
≥ 700	78.4	87.7	89.2	90.7	91.5	91.8	92.2	92.4	92.4	92.6	92.7	92.7	92.9	92.9	93.0	93.1
≥ 600	78.4	87.8	89.4	91.1	92.3	92.6	93.1	93.3	93.3	93.5	93.7	93.7	94.0	94.0	94.1	94.2
≥ 500	78.4	87.8	89.7	91.5	92.9	93.1	93.7	94.0	94.0	94.4	94.6	94.6	94.9	94.9	95.1	95.2
≥ 400	78.4	87.9	89.9	91.9	93.3	93.6	94.4	94.8	95.0	95.6	95.7	95.7	96.1	96.1	96.3	96.4
≥ 300	78.4	87.9	90.0	92.0	93.5	93.9	94.8	95.3	95.4	96.4	96.7	96.7	97.1	97.2	97.4	97.5
≥ 200	78.4	87.9	90.0	92.1	93.7	94.0	94.9	95.5	95.6	96.8	97.2	97.2	97.7	97.8	98.2	98.4
≥ 100	78.4	87.9	90.0	92.1	93.7	94.0	95.1	95.6	95.8	97.1	97.5	97.5	98.1	98.2	98.6	98.9
0	78.4	87.9	90.0	92.1	93.7	94.0	95.1	95.6	95.8	97.1	97.5	97.5	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2444

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.5	63.0	63.4	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 20000	64.7	68.9	69.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 18000	64.9	69.1	69.5	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 16000	65.3	69.5	69.9	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 14000	66.6	71.0	71.4	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 12000	68.0	72.7	73.1	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
≥ 10000	70.1	75.0	75.4	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
≥ 9000	70.5	75.6	76.0	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8
≥ 8000	71.3	76.6	77.1	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0
≥ 7000	72.3	77.8	78.3	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 6000	72.7	78.3	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 5000	73.3	78.9	79.3	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.3
≥ 4500	73.5	79.2	79.7	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 4000	74.1	79.9	80.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.3
≥ 3500	74.5	80.4	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.8
≥ 3000	75.0	81.0	81.5	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.5
≥ 2500	75.4	82.0	82.7	83.2	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 2000	76.4	83.8	84.4	84.9	85.3	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.9
≥ 1800	76.9	84.5	85.2	85.7	86.1	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.7
≥ 1500	76.9	85.2	86.1	86.7	87.1	87.2	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.9
≥ 1200	77.5	86.3	87.3	88.0	88.4	88.5	88.9	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.4
≥ 1000	77.8	86.9	87.9	88.7	89.2	89.4	89.8	89.8	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 900	78.1	87.3	88.4	89.1	89.7	89.8	90.3	90.3	90.4	90.6	90.7	90.7	90.8	90.9	90.9	91.0
≥ 800	78.2	87.9	89.0	89.7	90.3	90.4	90.9	90.9	91.0	91.2	91.3	91.4	91.6	91.7	91.7	91.8
≥ 700	78.2	88.4	89.7	90.6	91.2	91.3	91.8	91.8	91.9	92.1	92.2	92.3	92.5	92.6	92.6	92.7
≥ 600	78.3	88.8	90.2	91.1	91.9	92.0	92.5	92.5	92.6	92.8	93.0	93.0	93.2	93.3	93.3	93.5
≥ 500	78.3	89.0	90.7	91.7	92.5	92.7	93.3	93.3	93.4	93.7	93.8	93.9	94.1	94.2	94.2	94.4
≥ 400	78.3	89.1	90.8	92.0	92.8	92.9	93.6	93.6	93.7	94.1	94.4	94.4	94.6	94.7	94.7	94.9
≥ 300	78.4	89.3	91.0	92.2	93.1	93.3	94.1	94.1	94.2	94.8	95.1	95.1	95.3	95.4	95.4	95.6
≥ 200	78.4	89.3	91.1	92.4	93.4	93.6	94.6	94.7	94.8	95.6	95.9	96.0	96.2	96.3	96.6	96.8
≥ 100	78.4	89.3	91.1	92.4	93.4	93.6	94.6	94.7	94.8	95.9	96.3	96.4	96.6	96.7	97.4	97.9
0	78.4	89.3	91.1	92.4	93.4	93.6	94.6	94.7	94.8	95.9	96.3	96.4	96.7	96.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1965

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-60,72-73,75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥ 16	≥¼	≥0
NO CEILING	51.0	55.7	55.9	56.2	56.5	56.5	56.7	56.8	56.8	56.9	56.9	56.9	57.1	57.3	57.4	57.8
≥ 20000	55.4	60.5	60.8	61.0	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	62.0	62.1	62.2	62.6
≥ 18000	55.5	60.6	60.9	61.2	61.5	61.5	61.7	61.8	61.8	61.8	61.8	61.8	62.1	62.2	62.4	62.7
≥ 16000	56.0	61.3	61.6	62.0	62.3	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.9	63.0	63.1	63.5
≥ 14000	57.0	62.3	62.6	62.9	63.3	63.3	63.5	63.5	63.5	63.6	63.6	63.6	63.9	64.0	64.1	64.5
≥ 12000	58.6	64.0	64.3	64.6	65.0	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.6	65.7	65.8	66.2
≥ 10000	59.2	64.7	65.0	65.4	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.3	66.4	66.5	66.9
≥ 9000	59.2	64.7	65.0	65.4	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.3	66.4	66.5	66.9
≥ 8000	60.1	65.7	66.0	66.3	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.3	67.4	67.5	67.9
≥ 7000	60.4	66.3	66.6	66.9	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.8	68.0	68.1	68.5
≥ 6000	61.0	67.1	67.5	67.8	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.7	68.8	69.0	69.3
≥ 5000	62.3	68.5	69.0	69.3	69.7	69.7	69.9	70.0	70.0	70.1	70.1	70.1	70.3	70.5	70.6	71.0
≥ 4500	62.9	69.3	69.8	70.2	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	71.2	71.3	71.4	71.8
≥ 4000	64.4	71.1	71.6	72.0	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.9	73.1	73.2	73.6
≥ 3500	65.0	72.0	72.4	72.8	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.8	73.9	74.1	74.4
≥ 3000	65.4	72.6	73.1	73.5	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.5	74.6	74.8	75.2
≥ 2500	66.3	74.0	74.6	75.0	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	76.1	76.2	76.3	76.7
≥ 2000	68.3	76.8	77.9	78.3	78.8	78.8	79.1	79.2	79.2	79.3	79.3	79.3	79.5	79.7	79.8	80.2
≥ 1800	68.8	77.6	78.8	79.2	79.7	79.7	80.0	80.1	80.1	80.2	80.2	80.2	80.5	80.6	80.7	81.1
≥ 1500	69.3	78.8	80.1	80.6	81.2	81.2	81.6	81.7	81.7	81.8	81.8	81.8	82.0	82.2	82.3	82.7
≥ 1200	69.9	79.9	81.3	81.8	82.4	82.5	82.9	83.0	83.0	83.1	83.1	83.1	83.4	83.5	83.7	84.1
≥ 1000	70.5	80.9	82.6	83.2	83.9	84.1	84.4	84.6	84.6	84.7	84.8	84.8	85.0	85.2	85.3	85.7
≥ 900	70.5	81.3	83.0	83.6	84.2	84.4	84.8	85.0	85.0	85.2	85.2	85.2	85.4	85.6	85.7	86.1
≥ 800	71.0	82.2	84.1	85.2	85.9	86.1	86.4	86.6	86.6	86.9	86.9	86.9	87.1	87.3	87.4	87.8
≥ 700	71.2	82.6	84.4	85.7	86.5	86.7	87.1	87.3	87.3	87.5	87.6	87.6	87.8	88.0	88.1	88.5
≥ 600	71.4	83.0	85.2	86.7	87.6	87.8	88.3	88.6	88.6	89.0	89.0	89.0	89.3	89.4	89.5	89.9
≥ 500	71.4	83.1	85.6	87.1	88.1	88.3	88.8	89.3	89.3	89.7	89.7	89.7	90.1	90.3	90.5	90.8
≥ 400	71.4	83.1	85.7	87.5	88.6	88.8	89.7	90.3	90.3	90.8	90.8	90.8	91.4	91.6	91.8	92.2
≥ 300	71.4	83.2	85.8	87.8	89.2	89.5	90.7	91.4	91.4	92.0	92.2	92.2	92.9	93.3	93.6	94.1
≥ 200	71.4	83.3	86.0	88.1	89.7	89.9	91.4	92.1	92.1	92.7	92.9	92.9	94.1	94.5	94.8	95.4
≥ 100	71.4	83.5	86.2	88.3	90.0	90.3	91.7	92.4	92.5	93.2	93.5	93.5	94.7	95.2	95.9	96.6
0	71.4	83.5	86.2	88.3	90.0	90.3	91.9	92.6	92.7	93.4	93.7	93.7	95.1	95.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	50.0	55.0	55.4	55.8	56.0	56.0	56.0	56.1	56.1	56.3	56.5	56.5	56.7	56.7	56.8	57.3
≥ 20000	56.0	61.4	61.8	62.2	62.4	62.4	62.4	62.5	62.5	62.7	62.9	62.9	63.1	63.2	63.3	63.7
≥ 18000	56.0	61.4	61.8	62.2	62.4	62.4	62.4	62.5	62.5	62.7	62.9	62.9	63.1	63.2	63.3	63.7
≥ 16000	56.3	61.9	62.4	62.7	63.0	63.0	63.0	63.1	63.1	63.3	63.5	63.5	63.7	63.7	63.8	64.3
≥ 14000	56.7	62.3	62.8	63.2	63.4	63.4	63.4	63.5	63.5	63.7	63.9	63.9	64.1	64.1	64.2	64.7
≥ 12000	58.9	64.7	65.2	65.5	65.8	65.8	65.8	65.9	65.9	66.1	66.3	66.3	66.5	66.5	66.6	67.1
≥ 10000	59.9	66.0	66.5	66.8	67.1	67.1	67.2	67.3	67.3	67.5	67.6	67.6	67.8	67.9	68.0	68.4
≥ 9000	60.2	66.3	66.8	67.2	67.4	67.4	67.5	67.6	67.6	67.8	67.9	67.9	68.1	68.2	68.3	68.8
≥ 8000	61.0	67.3	67.7	68.1	68.3	68.3	68.4	68.5	68.5	68.7	68.9	68.9	69.1	69.1	69.2	69.7
≥ 7000	61.4	67.8	68.3	68.7	68.9	68.9	69.0	69.1	69.1	69.3	69.4	69.4	69.6	69.7	69.8	70.3
≥ 6000	62.3	68.8	69.3	69.6	69.9	69.9	70.0	70.1	70.1	70.3	70.5	70.5	70.7	70.8	70.9	71.3
≥ 5000	63.5	70.3	70.8	71.1	71.5	71.5	71.5	71.6	71.6	71.8	72.0	72.0	72.2	72.3	72.4	72.8
≥ 4500	64.2	71.1	71.7	72.0	72.3	72.3	72.4	72.5	72.5	72.7	72.9	72.9	73.1	73.2	73.3	73.7
≥ 4000	65.2	72.1	72.6	73.0	73.4	73.4	73.5	73.6	73.6	73.8	74.0	74.0	74.2	74.2	74.4	74.8
≥ 3500	65.9	73.1	73.6	73.9	74.6	74.6	74.6	74.7	74.7	74.9	75.1	75.1	75.3	75.4	75.5	76.0
≥ 3000	66.8	74.1	74.7	75.0	75.6	75.6	75.7	75.8	75.8	76.0	76.2	76.2	76.4	76.5	76.6	77.0
≥ 2500	67.7	75.5	76.2	76.6	77.5	77.5	77.6	77.7	77.7	77.9	78.1	78.1	78.3	78.3	78.4	78.9
≥ 2000	69.0	77.5	78.3	78.8	79.6	79.6	79.7	79.8	79.9	80.1	80.3	80.3	80.6	80.6	80.7	81.2
≥ 1800	69.1	77.7	78.5	79.0	79.8	79.8	79.9	80.1	80.2	80.4	80.6	80.6	80.8	80.9	81.0	81.5
≥ 1500	69.5	78.7	79.5	79.9	80.9	80.9	81.0	81.1	81.2	81.5	81.7	81.7	81.9	82.0	82.1	82.5
≥ 1200	69.8	79.5	80.4	81.0	82.1	82.1	82.3	82.4	82.5	82.8	83.0	83.0	83.3	83.4	83.5	84.0
≥ 1000	70.7	80.7	82.1	82.7	83.9	84.0	84.2	84.3	84.4	84.7	84.9	84.9	85.3	85.3	85.5	86.0
≥ 900	70.9	81.0	82.5	83.2	84.4	84.5	84.7	84.8	85.0	85.3	85.5	85.5	85.9	86.0	86.2	86.6
≥ 800	71.3	81.6	83.3	84.2	85.6	85.7	86.0	86.2	86.3	86.6	86.8	86.8	87.3	87.3	87.6	88.0
≥ 700	71.5	82.0	83.8	84.8	86.3	86.3	86.7	86.8	87.0	87.3	87.5	87.5	87.9	88.0	88.2	88.7
≥ 600	71.6	82.4	84.2	85.3	86.8	86.9	87.5	87.7	87.8	88.1	88.3	88.3	88.8	88.8	89.2	89.6
≥ 500	71.7	82.8	84.7	86.0	87.7	87.8	88.5	88.7	88.8	89.2	89.4	89.4	89.9	89.9	90.3	90.8
≥ 400	71.7	82.8	84.8	86.5	88.4	88.5	89.5	89.7	89.8	90.4	90.7	90.7	91.2	91.4	91.8	92.2
≥ 300	71.7	82.8	84.9	86.7	88.8	88.9	90.3	90.6	90.7	91.3	91.7	91.7	92.3	92.4	93.0	93.5
≥ 200	71.7	82.8	85.0	86.9	89.2	89.3	90.9	91.2	91.4	92.5	92.9	92.9	93.7	93.8	94.5	95.0
≥ 100	71.7	82.8	85.0	86.9	89.2	89.3	91.0	91.5	91.8	93.0	93.5	93.5	94.5	94.6	95.5	96.4
≥ 0	71.7	82.8	85.0	87.0	89.3	89.4	91.3	91.8	92.1	93.2	93.7	93.7	94.9	95.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 STA NO | VANCE AFB OKLAHOMA/ENID STA NAME | 42-46,49-75 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.8	50.0	50.8	51.4	51.8	52.0	52.2	52.4	52.5	52.7	52.9	52.9	53.1	53.1	53.2	53.6
≥ 20000	53.2	57.0	57.9	58.5	58.9	59.1	59.3	59.5	59.6	59.9	60.0	60.0	60.2	60.2	60.4	60.9
≥ 18000	53.4	57.2	58.1	58.8	59.2	59.4	59.5	59.8	59.8	60.1	60.2	60.2	60.4	60.4	60.7	61.2
≥ 16000	53.8	57.7	58.6	59.3	59.7	59.9	60.0	60.3	60.3	60.6	60.7	60.7	60.9	60.9	61.2	61.7
≥ 14000	54.6	58.6	59.6	60.2	60.6	60.8	61.0	61.2	61.3	61.6	61.7	61.7	61.9	61.9	62.1	62.6
≥ 12000	56.3	60.6	61.7	62.4	62.8	63.0	63.2	63.4	63.5	63.8	63.9	63.9	64.1	64.1	64.3	64.8
≥ 10000	57.4	62.1	63.3	64.0	64.4	64.6	64.8	65.0	65.0	65.3	65.5	65.5	65.8	65.8	66.0	66.5
≥ 9000	57.8	62.4	63.6	64.4	64.8	65.0	65.1	65.4	65.4	65.7	65.8	65.8	66.1	66.1	66.4	66.9
≥ 8000	58.8	63.5	64.7	65.5	65.9	66.0	66.2	66.5	66.5	66.8	66.9	66.9	67.2	67.2	67.5	68.0
≥ 7000	59.7	64.4	65.7	66.5	66.9	67.1	67.2	67.5	67.5	67.8	68.0	68.0	68.2	68.2	68.5	69.0
≥ 6000	60.3	65.3	66.6	67.4	67.9	68.0	68.2	68.5	68.5	68.8	69.0	69.0	69.3	69.3	69.6	70.1
≥ 5000	61.3	66.5	67.8	68.6	69.1	69.3	69.5	69.7	69.7	70.1	70.2	70.3	70.6	70.6	70.8	71.4
≥ 4500	61.6	66.7	68.2	69.0	69.5	69.7	69.9	70.1	70.2	70.5	70.7	70.7	71.0	71.0	71.2	71.8
≥ 4000	62.2	67.5	68.9	69.7	70.3	70.5	70.7	70.9	71.0	71.3	71.5	71.5	71.8	71.8	72.1	72.6
≥ 3500	63.3	68.6	70.0	70.9	71.7	71.8	72.0	72.3	72.3	72.7	72.8	72.9	73.2	73.2	73.4	73.9
≥ 3000	63.7	69.5	70.9	71.8	72.7	72.8	73.0	73.3	73.3	73.6	73.8	73.9	74.1	74.1	74.4	74.9
≥ 2500	64.2	70.5	72.0	72.9	73.7	73.9	74.1	74.4	74.4	74.8	74.9	75.0	75.3	75.3	75.6	76.1
≥ 2000	65.2	72.2	73.8	74.9	75.7	75.9	76.1	76.4	76.5	76.9	77.1	77.1	77.4	77.4	77.7	78.2
≥ 1800	65.3	72.7	74.4	75.4	76.2	76.4	76.7	77.0	77.1	77.5	77.6	77.7	78.0	78.0	78.3	78.8
≥ 1500	66.0	73.9	75.7	76.8	77.7	77.8	78.1	78.5	78.6	79.0	79.2	79.2	79.5	79.5	79.8	80.3
≥ 1200	66.9	75.4	77.3	78.6	79.6	79.8	80.1	80.5	80.5	81.0	81.2	81.2	81.5	81.5	81.8	82.3
≥ 1000	67.1	76.3	78.5	80.0	81.0	81.2	81.5	81.9	82.0	82.7	82.8	82.9	83.2	83.3	83.5	84.1
≥ 900	67.5	77.1	79.1	80.7	81.8	82.0	82.5	82.8	83.0	83.6	83.7	83.8	84.1	84.2	84.5	85.0
≥ 800	68.0	77.6	80.3	82.0	83.3	83.5	84.0	84.5	84.6	85.2	85.4	85.4	85.7	85.8	86.1	86.7
≥ 700	68.1	78.1	80.8	82.8	84.1	84.4	84.9	85.4	85.5	86.2	86.4	86.3	86.8	86.8	87.2	87.7
≥ 600	68.3	78.6	81.5	83.5	85.0	85.3	86.0	86.6	86.7	87.4	87.7	87.7	88.0	88.1	88.4	89.0
≥ 500	68.3	78.8	81.8	84.0	85.7	86.2	87.0	87.7	87.8	88.6	88.9	88.9	89.3	89.3	89.7	90.3
≥ 400	68.3	78.9	82.0	84.5	86.5	87.0	88.0	88.7	88.9	90.0	90.4	90.4	90.9	91.0	91.4	92.0
≥ 300	68.3	78.9	82.0	84.5	86.6	87.0	88.3	89.1	89.3	90.7	91.3	91.3	91.9	92.0	92.4	93.1
≥ 200	68.3	78.9	82.0	84.6	86.8	87.3	88.7	89.7	90.0	91.7	92.4	92.6	93.4	93.6	94.1	95.1
≥ 100	68.3	78.9	82.0	84.6	86.8	87.3	88.7	89.7	90.1	91.9	92.6	92.9	93.8	94.3	95.0	96.8
≥ 0	68.3	78.9	82.0	84.6	86.8	87.3	88.8	89.8	90.1	92.0	92.7	92.9	94.0	94.5	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.6	50.0	50.4	50.9	51.1	51.1	51.2	51.3	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.9
≥ 20000	55.2	58.2	58.8	59.4	59.7	59.7	59.8	59.9	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.4
≥ 18000	55.2	58.3	58.8	59.5	59.8	59.8	59.9	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.5
≥ 16000	55.7	58.9	59.4	60.1	60.3	60.4	60.4	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	61.1
≥ 14000	56.4	59.7	60.3	60.9	61.2	61.2	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	62.0
≥ 12000	57.6	60.9	61.5	62.2	62.5	62.5	62.6	62.7	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.2
≥ 10000	59.3	62.9	63.5	64.2	64.5	64.5	64.6	64.7	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.3
≥ 9000	59.9	63.6	64.1	65.0	65.2	65.2	65.3	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.8	66.0
≥ 8000	61.1	65.1	65.7	66.5	66.7	66.8	66.8	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.5
≥ 7000	61.8	66.0	66.6	67.5	67.7	67.7	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.5
≥ 6000	62.5	66.8	67.4	68.5	68.7	68.7	68.9	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.4	69.6
≥ 5000	63.1	67.4	68.0	69.1	69.4	69.4	69.5	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.3
≥ 4500	63.1	67.5	68.2	69.2	69.5	69.5	69.7	69.9	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.4
≥ 4000	63.6	68.2	68.9	70.0	70.3	70.3	70.5	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.2
≥ 3500	64.1	68.7	69.4	70.5	70.8	70.9	71.0	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.8
≥ 3000	64.5	69.4	70.2	71.4	71.7	71.7	71.9	72.1	72.1	72.4	72.4	72.4	72.5	72.5	72.6	72.8
≥ 2500	65.1	70.2	71.2	72.4	72.9	72.9	73.1	73.3	73.4	73.6	73.7	73.7	73.7	73.7	73.8	74.0
≥ 2000	66.2	71.9	72.9	74.3	74.9	74.9	75.2	75.4	75.5	75.8	75.9	75.9	75.9	75.9	76.0	76.2
≥ 1800	66.4	72.2	73.2	74.7	75.3	75.4	75.6	75.9	75.9	76.2	76.3	76.3	76.4	76.4	76.4	76.6
≥ 1500	66.8	73.2	74.5	76.0	76.7	76.8	77.1	77.3	77.4	77.7	77.8	77.8	77.9	77.9	77.9	78.2
≥ 1200	67.7	75.0	76.4	78.2	79.1	79.1	79.6	79.8	79.9	80.2	80.4	80.4	80.5	80.5	80.6	80.9
≥ 1000	68.2	76.1	77.8	79.6	80.8	81.0	81.5	81.9	82.0	82.3	82.5	82.5	82.7	82.7	82.8	83.0
≥ 900	68.3	76.7	78.6	80.8	81.9	82.0	82.8	83.3	83.5	83.8	84.0	84.0	84.2	84.2	84.4	84.6
≥ 800	68.6	77.4	79.4	81.8	83.0	83.2	84.1	84.7	84.8	85.2	85.4	85.4	85.6	85.6	85.8	86.0
≥ 700	68.8	77.9	80.1	82.8	84.1	84.3	85.3	86.1	86.3	86.7	86.9	86.9	87.1	87.1	87.3	87.5
≥ 600	68.9	78.3	80.7	83.5	85.0	85.3	86.2	87.1	87.3	87.9	88.1	88.1	88.3	88.3	88.5	88.7
≥ 500	69.1	78.8	81.3	84.3	85.9	86.3	87.5	88.6	88.7	89.5	89.7	89.7	89.9	89.9	90.1	90.3
≥ 400	69.1	78.8	81.3	84.6	86.5	87.0	88.3	89.7	90.1	91.4	91.6	91.6	91.9	91.9	92.1	92.3
≥ 300	69.1	78.9	81.5	84.9	86.9	87.5	89.2	90.9	91.2	93.1	93.6	93.6	94.1	94.1	94.5	94.6
≥ 200	69.1	78.9	81.5	85.0	87.0	87.6	89.5	91.2	91.6	93.8	94.4	94.5	95.4	95.6	95.9	96.4
≥ 100	69.1	78.9	81.5	85.0	87.0	87.6	89.5	91.2	91.6	94.0	94.9	94.9	96.0	96.3	97.1	98.5
≥ 0	69.1	78.9	81.5	85.0	87.0	87.6	89.5	91.2	91.6	94.0	94.9	94.9	96.0	96.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2594

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	52.8	53.3	53.7	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
≥ 20000	59.5	61.8	62.5	63.1	63.1	63.2	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	59.7	62.0	62.7	63.3	63.3	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	60.1	62.4	63.1	63.6	63.7	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 14000	60.8	63.3	64.0	64.5	64.6	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 12000	62.0	64.6	65.3	66.0	66.2	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7
≥ 10000	62.9	65.7	66.4	67.1	67.2	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	63.6	66.3	67.1	67.8	67.9	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	64.4	67.5	68.3	69.0	69.2	69.2	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7
≥ 7000	64.9	68.1	69.0	69.7	69.9	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4
≥ 6000	65.6	68.9	69.7	70.5	70.7	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3
≥ 5000	66.0	69.4	70.2	71.0	71.2	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	66.2	69.6	70.5	71.3	71.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 4000	66.7	70.3	71.2	72.0	72.2	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 3500	67.5	71.1	72.1	72.9	73.1	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	68.2	72.1	73.1	74.0	74.2	74.3	74.6	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9
≥ 2500	69.3	73.6	74.7	75.7	76.0	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 2000	71.0	75.9	77.1	78.2	78.6	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 1800	71.5	76.8	78.0	79.1	79.6	79.7	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 1500	72.5	78.5	79.9	81.2	81.8	81.9	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7
≥ 1200	73.6	80.1	81.8	83.5	84.2	84.3	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 1000	74.0	81.3	83.4	85.1	86.0	86.2	86.7	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.5	87.5
≥ 900	74.2	81.7	84.0	85.9	86.8	87.0	87.7	88.1	88.2	88.6	88.7	88.7	88.7	88.7	88.9	88.9
≥ 800	74.6	82.5	85.0	87.3	88.2	88.5	89.3	89.8	89.9	90.2	90.7	90.7	90.8	90.8	91.0	91.0
≥ 700	74.7	82.6	85.4	87.9	88.9	89.2	90.1	90.8	90.9	91.3	91.7	91.7	91.8	91.8	92.0	92.0
≥ 600	74.8	82.8	85.7	88.5	89.7	90.1	90.9	91.7	91.8	92.3	92.7	92.7	92.9	92.9	93.1	93.1
≥ 500	74.8	83.0	86.3	89.5	90.9	91.3	92.4	93.3	93.4	94.2	94.7	94.7	94.9	95.0	95.2	95.2
≥ 400	74.8	83.0	86.5	89.5	91.5	92.0	93.3	94.4	94.6	95.7	96.3	96.3	96.6	96.7	96.9	96.9
≥ 300	74.8	83.0	86.6	89.9	91.8	92.4	93.8	95.0	95.2	96.6	97.3	97.4	98.0	98.0	98.2	98.2
≥ 200	74.8	83.0	86.7	90.0	91.9	92.6	93.9	95.2	95.4	96.9	97.7	97.8	98.7	98.8	99.0	99.0
≥ 100	74.8	83.0	86.7	90.0	91.9	92.6	93.9	95.2	95.5	97.0	97.9	98.0	98.9	99.0	99.3	99.5
0	74.8	83.0	86.7	90.0	91.9	92.6	93.9	95.2	95.5	97.0	97.9	98.0	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2594

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	51.9	54.3	54.5	54.7	54.7	54.7	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	61.4	64.4	64.8	65.1	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000	61.7	64.7	65.1	65.5	65.6	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 16000	62.2	65.4	65.8	66.1	66.2	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	63.1	66.3	66.7	67.0	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	63.9	67.1	67.6	68.1	68.2	68.2	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	65.4	68.8	69.3	69.9	70.0	70.0	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	65.8	69.2	69.7	70.3	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 8000	66.8	70.3	70.9	71.4	71.5	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	67.7	71.2	71.9	72.4	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	68.5	72.1	72.8	73.3	73.5	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	69.0	72.8	73.6	74.2	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	69.4	73.3	74.0	74.7	74.8	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	70.3	74.3	75.1	75.7	75.9	75.9	76.0	76.1	76 1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	71.1	75.3	76.1	76.8	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	72.0	76.3	77.2	77.9	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	73.5	78.1	79.2	80.0	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	75.1	80.3	81.6	82.5	82.7	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	75.4	81.1	82.4	83.3	83.5	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	76.2	82.7	84.1	85.0	85.4	85.3	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	76.7	83.8	85.5	86.8	87.2	87.3	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	77.1	85.0	87.0	88.7	89.2	89.3	89.7	89.9	89.9	90.2	90.3	90.3	90.3	90.3	90.4	90.4
≥ 900	77.2	85.2	87.3	89.1	89.7	89.8	90.3	90.5	90.5	90.9	91.0	91.1	91.1	91.1	91.2	91.2
≥ 800	77.3	85.5	87.8	90.0	90.7	90.9	91.5	91.8	91.9	92.4	92.6	92.6	92.7	92.7	92.8	92.8
≥ 700	77.4	85.8	88.3	90.5	91.2	91.4	92.1	92.6	92.7	93.3	93.4	93.5	93.5	93.5	93.6	93.6
≥ 600	77.4	85.9	88.5	90.8	91.8	91.9	92.8	93.4	93.5	94.2	94.3	94.4	94.4	94.4	94.6	94.6
≥ 500	77.4	86.1	88.9	91.4	92.7	92.9	93.9	94.6	94.9	95.6	95.9	95.9	96.0	96.0	96.2	96.2
≥ 400	77.4	86.1	89.0	91.8	93.2	93.5	94.8	95.6	95.9	96.8	97.2	97.3	97.5	97.5	97.7	97.7
≥ 300	77.4	86.1	89.0	91.9	93.5	93.9	95.2	96.2	96.6	97.5	98.1	98.2	98.4	98.4	98.7	98.7
≥ 200	77.4	86.1	89.0	91.9	93.5	93.9	95.2	96.2	96.6	97.7	98.3	98.4	98.9	98.9	99.3	99.3
≥ 100	77.4	86.1	89.0	91.9	93.5	93.9	95.2	96.2	96.6	97.7	98.3	98.4	98.9	99.1	99.5	99.6
≥ 0	77.4	86.1	89.0	91.9	93.5	93.9	95.2	96.2	96.6	97.7	98.3	98.4	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2055

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.7	58.5	58.8	58.9	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 20000	63.3	67.7	68.1	68.3	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
≥ 18000	63.4	67.9	68.3	68.5	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
≥ 16000	64.0	68.5	68.9	69.1	69.3	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	65.0	69.7	70.2	70.4	70.6	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	66.5	71.4	71.9	72.2	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 10000	67.5	72.7	73.1	73.5	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 9000	67.9	73.1	73.6	74.0	74.1	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
≥ 8000	68.5	73.9	74.4	74.8	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 7000	69.2	74.8	75.3	75.7	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 6000	69.8	75.7	76.1	76.6	76.8	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 5000	70.6	76.8	77.4	77.9	78.1	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 4500	71.2	77.4	78.0	78.6	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 4000	71.6	77.9	78.5	79.1	79.3	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9
≥ 3500	72.4	78.8	79.5	80.1	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 3000	73.1	79.6	80.4	81.1	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 2500	74.0	81.2	82.0	82.8	83.2	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 2000	75.3	82.9	83.9	84.8	85.2	85.4	85.5	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 1800	75.6	83.5	84.6	85.5	85.9	86.1	86.2	86.4	86.4	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 1500	76.1	84.6	85.8	86.9	87.3	87.5	88.0	88.2	88.2	88.4	88.4	88.4	88.6	88.6	88.6	88.6
≥ 1200	76.3	85.4	86.7	88.0	88.4	88.7	89.3	89.5	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 1000	76.7	86.1	87.5	88.8	89.3	89.8	90.5	90.8	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 900	76.7	86.3	87.8	89.1	89.8	90.1	90.8	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 800	76.8	86.5	88.2	89.7	90.7	91.1	91.8	92.3	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 700	76.9	86.6	88.4	89.9	91.1	91.4	92.3	92.9	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 600	76.9	86.7	88.6	90.1	91.5	91.9	92.8	93.5	93.5	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥ 500	76.9	86.7	88.7	90.3	91.8	92.2	93.3	94.0	94.2	94.6	94.7	94.7	95.1	95.1	95.1	95.2
≥ 400	77.1	86.9	88.9	90.5	92.1	92.7	94.0	94.7	95.0	95.7	95.9	95.9	96.4	96.5	96.6	96.7
≥ 300	77.1	86.9	88.9	90.7	92.4	93.1	94.5	95.3	95.5	96.4	96.7	96.7	97.3	97.5	97.7	97.8
≥ 200	77.1	86.9	88.9	90.7	92.5	93.2	94.6	95.3	95.6	96.6	97.1	97.1	97.9	98.1	98.4	98.5
≥ 100	77.1	86.9	88.9	90.7	92.5	93.2	94.6	95.3	95.6	96.7	97.2	97.2	98.2	98.7	99.2	99.3
≥ 0	77.1	86.9	88.9	90.7	92.5	93.2	94.6	95.3	95.6	96.7	97.2	97.2	98.3	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2150

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49- YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.9	60.1	60.4	60.7	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.5	61.5
≥ 20000	62.3	66.1	66.5	66.9	67.0	67.2	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.6	67.7	67.7
≥ 18000	62.3	66.2	66.6	66.9	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.7
≥ 16000	62.7	66.6	67.0	67.3	67.5	67.6	67.7	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.2	68.2
> 14000	63.4	67.5	67.9	68.2	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.0
≥ 12000	64.3	68.3	68.8	69.2	69.3	69.5	69.6	69.6	69.6	69.8	69.8	69.8	69.9	69.9	70.1	70.1
≥ 10000	65.4	69.9	70.3	70.8	70.9	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.6	71.6
≥ 9000	65.4	70.1	70.4	70.9	71.1	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.7	71.8	71.8
≥ 8000	65.9	70.8	71.2	71.7	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.5	72.6	72.6
≥ 7000	66.3	71.2	71.6	72.2	72.4	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	73.1	73.1
≥ 6000	66.8	71.8	72.2	72.7	72.9	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.5	73.6	73.6
≥ 5000	67.7	73.0	73.5	74.2	74.4	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.9	75.0	75.1	75.1
≥ 4500	68.5	73.8	74.4	75.1	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.9	76.0	76.0
≥ 4000	69.2	74.5	75.2	75.9	76.1	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.6	76.7	76.8	76.8
≥ 3500	69.5	75.0	75.6	76.3	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.2	77.3	77.3
≥ 3000	70.1	75.7	76.4	77.1	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.1	78.1
≥ 2500	70.6	76.7	77.4	78.3	78.6	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.3	79.4	79.4
≥ 2000	72.5	78.9	79.9	81.0	81.3	81.5	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.1	82.2	82.2
≥ 1800	72.9	79.6	80.6	81.7	82.1	82.2	82.5	82.6	82.6	82.8	82.8	82.8	82.9	82.9	83.0	83.0
≥ 1500	73.1	80.4	81.7	82.8	83.3	83.4	83.8	83.9	83.9	84.1	84.1	84.1	84.2	84.3	84.4	84.4
≥ 1200	73.7	81.8	83.3	84.5	85.0	85.1	85.5	85.7	85.7	85.9	85.9	85.9	86.0	86.1	86.2	86.2
≥ 1000	74.1	82.6	84.3	85.6	86.1	86.2	86.8	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.5	87.5
≥ 900	74.1	82.6	84.6	85.9	86.4	86.5	87.2	87.4	87.4	87.5	87.5	87.5	87.7	87.8	87.9	87.9
≥ 800	74.3	83.2	85.2	86.7	87.4	87.5	88.2	88.5	88.5	88.7	88.7	88.7	88.8	88.9	89.0	89.0
≥ 700	74.5	83.5	85.7	87.3	88.1	88.2	89.0	89.3	89.3	89.5	89.6	89.6	89.8	89.8	90.0	90.0
≥ 600	74.5	83.7	85.9	87.7	88.5	88.6	89.4	89.7	89.7	90.0	90.0	90.0	90.3	90.3	90.4	90.4
≥ 500	74.6	84.2	86.7	88.6	89.6	89.7	90.6	91.0	91.0	91.3	91.5	91.5	91.9	92.0	92.3	92.3
≥ 400	74.8	84.5	86.9	89.1	90.3	90.4	91.6	92.0	92.1	92.6	92.9	92.9	93.4	93.6	93.9	93.9
≥ 300	74.8	84.5	87.0	89.3	90.6	91.0	92.4	93.2	93.4	94.0	94.4	94.4	95.1	95.4	95.7	95.7
≥ 200	74.8	84.6	87.1	89.5	90.8	91.2	92.7	93.5	93.7	94.4	95.1	95.1	95.9	96.2	96.5	96.5
≥ 100	74.8	84.6	87.2	89.5	91.0	91.3	92.8	93.6	93.9	94.7	95.5	95.5	96.5	96.9	97.7	97.9
≥ 0	74.8	84.6	87.2	89.5	91.0	91.3	92.8	93.7	93.9	94.9	95.6	95.6	96.8	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1693

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-61,63,68-69,72-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.2	57.4	57.9	58.5	58.9	58.9	59.4	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
≥ 20000	59.1	64.0	64.7	65.5	65.9	65.9	66.4	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9
≥ 18000	59.3	64.2	64.9	65.7	66.1	66.1	66.6	66.6	66.7	66.9	67.0	67.0	67.0	67.0	67.1	67.1
≥ 16000	59.3	64.3	65.0	65.8	66.2	66.2	66.7	66.7	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.2
≥ 14000	60.2	65.3	65.9	66.7	67.2	67.2	67.7	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.2
≥ 12000	61.2	66.3	67.0	67.8	68.3	68.3	68.8	68.8	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.3
≥ 10000	62.3	67.7	68.4	69.3	69.8	69.8	70.3	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.7	70.8
≥ 9000	62.5	68.0	68.7	69.6	70.1	70.1	70.6	70.6	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.1
≥ 8000	63.2	68.7	69.4	70.3	70.8	70.8	71.3	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.8	71.8
≥ 7000	64.1	70.2	71.0	71.9	72.4	72.4	72.9	72.9	73.1	73.2	73.3	73.3	73.3	73.3	73.4	73.4
≥ 6000	64.6	70.8	71.6	72.5	73.1	73.1	73.5	73.5	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.0
≥ 5000	65.3	72.0	72.8	73.7	74.3	74.3	74.8	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.3
≥ 4500	65.8	72.7	73.5	74.5	75.1	75.1	75.6	75.6	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.1
≥ 4000	66.6	73.8	74.7	75.7	76.3	76.3	76.8	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.3
≥ 3500	67.1	74.5	75.5	76.5	77.1	77.1	77.6	77.6	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.1
≥ 3000	67.9	75.9	76.8	77.9	78.4	78.4	78.9	78.9	79.0	79.2	79.3	79.3	79.3	79.3	79.4	79.4
≥ 2500	68.9	77.5	78.6	79.7	80.2	80.2	80.7	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.3
≥ 2000	70.4	79.7	80.9	82.0	82.8	82.8	83.3	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.8	83.9
≥ 1800	70.8	80.4	81.6	82.8	83.5	83.5	84.0	84.0	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.6
≥ 1500	71.3	81.3	82.6	83.8	84.5	84.5	85.0	85.0	85.2	85.4	85.5	85.5	85.5	85.5	85.6	85.7
≥ 1200	71.9	82.7	84.1	85.2	86.0	86.0	86.5	86.5	86.7	86.8	87.0	87.0	87.0	87.0	87.1	87.1
≥ 1000	72.5	83.9	85.4	86.8	87.8	87.8	88.3	88.3	88.4	88.7	88.9	88.9	88.9	88.9	88.9	89.0
≥ 900	73.0	84.6	86.3	87.7	88.7	88.7	89.2	89.2	89.4	89.6	89.8	89.8	89.8	89.8	89.9	89.9
≥ 800	73.1	85.1	86.9	88.3	89.4	89.4	89.9	89.9	90.0	90.5	90.7	90.7	90.7	90.7	90.7	90.8
≥ 700	73.2	85.4	87.3	88.8	90.0	90.0	90.5	90.5	90.7	91.2	91.4	91.4	91.4	91.4	91.5	91.5
≥ 600	73.5	85.9	88.0	89.6	91.0	91.0	91.5	91.5	91.7	92.2	92.5	92.5	92.5	92.5	92.6	92.6
≥ 500	73.5	86.2	88.3	90.0	91.8	91.8	92.5	92.6	92.8	93.3	93.5	93.5	93.6	93.6	93.6	93.7
≥ 400	73.5	86.2	88.5	90.2	92.2	92.2	92.9	93.0	93.2	93.8	94.1	94.1	94.1	94.1	94.2	94.3
≥ 300	73.5	86.5	88.8	90.6	93.0	93.0	94.1	94.3	94.4	95.1	95.6	95.6	95.6	95.6	95.8	95.9
≥ 200	73.5	86.5	88.9	90.9	93.4	93.4	94.8	95.1	95.2	95.9	96.6	96.6	96.7	96.7	96.8	96.9
≥ 100	73.5	86.5	88.9	90.9	93.4	93.4	94.9	95.2	95.4	96.3	97.2	97.2	97.3	97.3	97.7	97.8
≥ 0	73.5	86.5	88.9	90.9	93.4	93.4	94.9	95.2	95.4	96.3	97.2	97.2	97.7	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1618

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.3	57.8	58.4	59.0	59.3	59.4	60.0	60.0	60.0	60.3	60.3	60.3	60.4	60.4	60.4	60.6
≥ 20000	57.6	62.5	63.1	63.8	64.1	64.2	65.0	65.0	65.0	65.3	65.4	65.4	65.4	65.4	65.5	65.7
≥ 18000	57.7	62.6	63.2	63.9	64.2	64.3	65.1	65.1	65.1	65.4	65.5	65.5	65.5	65.5	65.6	65.8
≥ 16000	57.9	62.8	63.4	64.1	64.4	64.5	65.3	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.8	66.0
≥ 14000	58.4	63.3	63.9	64.6	65.0	65.1	65.8	65.8	65.8	66.2	66.2	66.2	66.3	66.3	66.3	66.5
≥ 12000	59.2	64.1	64.8	65.5	65.8	65.9	66.8	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.4	67.6
≥ 10000	60.3	65.3	66.0	66.7	67.0	67.1	68.0	68.0	68.0	68.4	68.4	68.4	68.5	68.5	68.6	68.8
≥ 9000	61.0	66.0	66.7	67.4	67.7	67.8	68.7	68.7	68.7	69.1	69.1	69.1	69.2	69.2	69.3	69.4
≥ 8000	62.3	67.3	68.0	68.7	69.0	69.1	70.0	70.0	70.0	70.4	70.4	70.4	70.5	70.5	70.6	70.7
≥ 7000	63.4	68.5	69.2	69.9	70.2	70.3	71.2	71.2	71.2	71.6	71.6	71.6	71.7	71.7	71.8	72.0
≥ 6000	64.3	69.6	70.2	70.9	71.3	71.4	72.2	72.3	72.3	72.6	72.7	72.7	72.7	72.7	72.8	73.0
≥ 5000	65.5	71.0	71.7	72.4	72.7	72.8	73.7	73.7	73.7	74.1	74.1	74.1	74.2	74.2	74.3	74.5
≥ 4500	66.0	71.7	72.4	73.1	73.4	73.5	74.4	74.5	74.5	74.8	74.8	74.8	74.9	74.9	75.0	75.2
≥ 4000	66.5	72.4	73.2	73.9	74.3	74.4	75.3	75.3	75.3	75.7	75.7	75.7	75.8	75.8	75.9	76.0
≥ 3500	67.1	73.3	74.1	74.8	75.3	75.4	76.3	76.3	76.3	76.7	76.7	76.7	76.8	76.8	76.9	77.1
≥ 3000	67.5	74.4	75.1	75.9	76.4	76.5	77.4	77.4	77.4	77.8	77.8	77.8	77.9	77.9	78.0	78.2
≥ 2500	68.3	75.3	76.3	77.0	77.5	77.6	78.6	78.6	78.6	78.9	79.0	79.0	79.0	79.0	79.1	79.3
≥ 2000	69.9	77.2	78.3	79.2	79.8	79.9	80.8	80.9	80.9	81.2	81.3	81.3	81.4	81.4	81.5	81.7
≥ 1800	70.6	78.1	79.2	80.1	80.7	80.8	81.8	81.8	81.8	82.2	82.3	82.3	82.4	82.4	82.5	82.7
≥ 1500	71.4	79.4	80.6	81.5	82.5	82.6	83.5	83.6	83.6	84.0	84.1	84.1	84.1	84.1	84.2	84.4
≥ 1200	72.1	80.5	81.9	82.8	83.9	84.0	84.9	85.0	85.0	85.3	85.5	85.5	85.6	85.6	85.7	85.9
≥ 1000	72.9	82.1	83.7	84.7	85.9	86.0	87.0	87.1	87.1	87.5	87.7	87.7	87.8	87.8	87.9	88.1
≥ 900	73.0	82.5	84.1	85.2	86.4	86.5	87.6	87.7	87.7	88.0	88.2	88.2	88.3	88.3	88.4	88.6
≥ 800	73.0	82.8	84.6	85.8	86.9	87.0	88.1	88.2	88.2	88.6	88.6	88.8	88.9	88.9	89.0	89.2
≥ 700	73.4	83.4	85.3	86.6	87.9	88.0	89.1	89.2	89.2	89.6	89.7	89.7	89.9	89.9	90.0	90.2
≥ 600	73.6	84.0	85.9	87.4	88.9	89.0	90.2	90.4	90.4	90.8	91.0	91.0	91.2	91.2	91.3	91.5
≥ 500	73.6	84.3	86.4	88.1	90.0	90.1	91.5	91.7	91.7	92.2	92.4	92.4	92.7	92.7	92.8	93.0
≥ 400	73.9	84.7	86.9	88.7	90.9	91.0	92.5	92.7	92.7	93.4	93.7	93.7	94.0	94.1	94.2	94.4
≥ 300	73.9	84.8	87.0	89.1	91.5	91.6	93.3	93.6	93.7	94.4	94.8	94.8	95.2	95.2	95.4	95.6
≥ 200	73.9	84.8	87.2	89.5	92.0	92.1	93.9	94.3	94.4	95.4	96.0	96.0	96.6	96.7	96.9	97.2
≥ 100	73.9	84.8	87.2	89.5	92.1	92.2	94.0	94.5	94.6	95.6	96.3	96.3	97.0	97.2	97.4	98.0
≥ 0	73.9	84.8	87.2	89.5	92.1	92.2	94.0	94.5	94.6	95.6	96.3	96.3	97.2	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2075

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.9	50.3	51.4	52.4	52.8	52.9	53.0	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.7
≥ 20000	53.1	57.3	58.5	59.6	60.1	60.2	60.5	60.7	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.3
≥ 18000	53.3	57.5	58.7	59.8	60.3	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.3	61.5
≥ 16000	53.4	57.6	58.9	60.0	60.5	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.5	61.7
≥ 14000	54.1	58.6	59.8	60.9	61.4	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.4	62.7
≥ 12000	55.5	60.0	61.3	62.4	62.9	63.0	63.3	63.6	63.7	63.7	63.7	63.7	63.9	63.9	64.0	64.2
≥ 10000	57.0	61.7	63.0	64.1	64.6	64.8	65.1	65.4	65.4	65.4	65.5	65.5	65.7	65.7	65.7	66.0
≥ 9000	57.6	62.3	63.7	64.9	65.4	65.5	65.8	66.1	66.2	66.2	66.2	66.2	66.4	66.4	66.5	66.7
≥ 8000	58.4	63.2	64.6	65.8	66.3	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.4	67.7
≥ 7000	59.5	64.5	65.9	67.1	67.7	67.9	68.2	68.5	68.5	68.5	68.6	68.6	68.7	68.7	68.8	69.1
≥ 6000	60.1	65.3	66.7	67.9	68.5	68.7	69.0	69.3	69.3	69.3	69.4	69.4	69.5	69.5	69.6	69.9
≥ 5000	60.8	66.3	67.8	69.1	69.7	69.8	70.2	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.8	71.1
≥ 4500	61.4	67.0	68.5	69.8	70.4	70.6	70.9	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.5	71.8
≥ 4000	62.4	68.1	69.6	71.1	71.7	71.9	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.9	73.2
≥ 3500	63.1	68.9	70.4	71.9	72.6	72.8	73.1	73.4	73.4	73.5	73.5	73.5	73.7	73.7	73.8	74.1
≥ 3000	63.5	69.7	71.2	72.8	73.6	73.8	74.2	74.5	74.5	74.6	74.6	74.6	74.8	74.8	74.9	75.2
≥ 2500	64.3	70.6	72.3	73.9	74.8	74.9	75.4	75.7	75.7	75.8	75.8	75.9	76.0	76.0	76.1	76.4
≥ 2000	65.9	72.6	74.3	76.1	77.2	77.4	77.9	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.6	78.9
≥ 1800	66.5	73.3	75.1	76.9	77.9	78.1	78.6	78.9	79.0	79.0	79.0	79.0	79.2	79.2	79.4	79.7
≥ 1500	67.5	74.8	76.7	78.7	79.9	80.2	80.7	81.0	81.1	81.1	81.1	81.1	81.3	81.3	81.4	81.7
≥ 1200	68.2	76.4	78.7	80.9	82.2	82.5	83.2	83.5	83.6	83.7	83.7	83.7	84.0	84.0	84.1	84.4
≥ 1000	68.8	78.4	80.7	83.1	84.6	84.9	85.6	86.0	86.1	86.2	86.3	86.3	86.6	86.6	86.8	87.1
≥ 900	68.9	78.6	80.9	83.4	85.0	85.4	86.1	86.6	86.6	86.8	86.8	86.8	87.1	87.1	87.3	87.6
≥ 800	69.0	78.9	81.2	83.8	85.6	86.0	86.8	87.3	87.3	87.5	87.6	87.6	87.9	87.9	88.1	88.5
≥ 700	69.1	79.4	81.9	84.8	86.6	87.0	88.1	88.7	88.7	89.0	89.1	89.1	89.4	89.4	89.6	90.0
≥ 600	69.1	79.6	82.2	85.2	87.2	87.6	88.9	89.4	89.5	89.8	90.0	90.0	90.3	90.3	90.5	90.8
≥ 500	69.2	79.8	82.5	85.8	88.1	88.5	89.9	90.5	90.6	90.9	91.0	91.0	91.4	91.4	91.6	91.9
≥ 400	69.3	80.2	83.2	86.7	89.2	89.7	91.3	92.0	92.1	92.7	93.0	93.0	93.4	93.4	93.6	94.0
≥ 300	69.4	80.3	83.4	86.9	89.6	90.2	92.1	93.1	93.3	94.1	94.4	94.4	95.0	95.0	95.2	95.6
≥ 200	69.4	80.4	83.5	87.0	89.9	90.5	93.0	94.1	94.3	95.4	96.0	96.0	96.8	96.9	97.3	97.7
≥ 100	69.4	80.4	83.5	87.0	89.9	90.5	93.0	94.2	94.4	95.6	96.3	96.3	97.4	97.5	98.0	98.9
≥ 0	69.4	80.4	83.5	87.0	89.9	90.6	93.0	94.3	94.4	95.6	96.3	96.3	97.5	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2630

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.7	49.7	50.2	50.7	51.0	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	55.3	58.0	58.7	59.4	59.7	59.8	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	55.7	58.4	59.1	59.8	60.1	60.2	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	55.9	58.6	59.3	60.0	60.3	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 14000	56.8	59.6	60.6	61.3	61.5	61.7	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	58.2	61.0	62.0	62.7	63.0	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7
≥ 10000	59.2	62.1	63.1	63.8	64.1	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
≥ 9000	59.8	62.7	63.7	64.5	64.7	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 8000	60.5	63.8	64.9	65.8	66.1	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8
≥ 7000	61.4	64.9	66.0	66.9	67.3	67.5	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0
≥ 6000	61.8	65.6	66.8	67.8	68.2	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
≥ 5000	62.7	66.7	68.0	69.1	69.5	69.7	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2
≥ 4500	63.2	67.3	68.6	69.6	70.0	70.2	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	63.7	68.0	69.3	70.4	70.9	71.0	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6
≥ 3500	64.5	69.0	70.4	71.5	71.9	72.1	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6
≥ 3000	64.9	69.4	70.9	72.0	72.4	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 2500	66.0	70.8	72.2	73.4	73.9	74.0	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 2000	68.1	73.6	75.1	76.6	77.1	77.4	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.3
≥ 1800	68.7	74.4	75.9	77.4	78.0	78.3	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
≥ 1500	70.0	76.4	78.1	79.8	80.4	80.7	81.2	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7
≥ 1200	71.0	78.1	80.2	82.3	83.0	83.3	83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.4
≥ 1000	71.8	80.0	82.3	84.4	85.4	85.8	86.3	86.6	86.6	86.7	86.9	86.9	87.1	87.1	87.1	87.2
≥ 900	71.9	80.5	82.9	85.2	86.4	86.8	87.4	87.6	87.6	87.8	88.1	88.1	88.2	88.2	88.2	88.3
≥ 800	72.2	81.1	83.6	86.1	87.6	88.1	88.7	89.0	89.0	89.3	89.6	89.6	89.7	89.7	89.7	89.8
≥ 700	72.2	81.4	84.1	86.9	88.5	89.0	89.9	90.2	90.2	90.5	90.8	90.8	90.9	90.9	91.0	91.0
≥ 600	72.5	81.9	84.7	87.7	89.4	89.9	90.9	91.2	91.2	91.7	92.0	92.0	92.1	92.1	92.2	92.2
≥ 500	72.6	82.3	85.5	88.8	90.9	91.5	92.7	93.0	93.2	93.7	94.0	94.0	94.1	94.1	94.2	94.2
≥ 400	72.7	82.7	86.0	89.7	92.2	92.8	94.1	94.6	94.8	95.5	95.9	95.9	96.0	96.0	96.1	96.2
≥ 300	72.7	82.8	86.1	90.2	92.9	93.6	95.0	95.7	96.0	97.1	97.6	97.7	97.8	97.8	97.9	98.0
≥ 200	72.7	82.8	86.1	90.2	93.0	93.7	95.2	96.0	96.3	97.7	98.4	98.4	98.6	98.7	98.8	99.0
≥ 100	72.7	82.8	86.1	90.2	93.0	93.7	95.2	96.0	96.4	97.7	98.4	98.4	98.7	98.8	99.0	99.4
0	72.7	82.8	86.1	90.2	93.0	93.7	95.2	96.0	96.4	97.7	98.4	98.4	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2834

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.6	48.5	49.5	49.8	50.0	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	56.1	58.5	59.7	60.4	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9
≥ 18000	56.6	59.0	60.2	60.8	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 16000	56.8	59.2	60.4	61.0	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 14000	57.7	60.2	61.5	62.1	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 12000	59.4	62.0	63.3	64.1	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 10000	60.8	63.5	64.9	65.6	66.0	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 9000	61.1	63.9	65.3	66.0	66.4	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 8000	62.1	65.0	66.5	67.3	67.6	67.6	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.1
≥ 7000	62.9	66.1	67.6	68.4	68.7	68.7	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2
≥ 6000	63.0	66.3	67.8	68.6	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 5000	63.9	67.6	69.2	70.1	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 4500	64.3	68.0	69.6	70.5	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 4000	65.3	69.2	70.9	71.8	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 3500	66.1	70.2	72.0	73.0	73.4	73.4	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 3000	67.4	71.7	73.5	74.6	75.0	75.0	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5
≥ 2500	69.3	74.0	75.9	77.0	77.5	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 2000	71.9	77.7	79.7	81.0	81.6	81.6	82.0	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4
≥ 1800	72.5	78.9	81.0	82.3	82.9	83.0	83.3	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.8
≥ 1500	73.8	81.4	83.6	85.0	85.6	85.7	86.1	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6
≥ 1200	74.4	82.7	85.2	86.7	87.3	87.4	87.8	87.9	87.9	88.1	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1000	75.3	84.3	87.0	88.8	89.5	89.6	90.1	90.3	90.4	90.6	90.7	90.8	90.9	90.9	90.9	91.0
≥ 900	75.4	84.9	87.6	89.5	90.4	90.4	91.0	91.1	91.2	91.3	91.6	91.7	91.7	91.7	91.8	91.8
≥ 800	76.0	85.8	88.6	90.6	91.5	91.6	92.3	92.4	92.6	92.8	92.9	93.0	93.1	93.1	93.1	93.2
≥ 700	76.0	86.3	89.1	91.4	92.3	92.4	93.2	93.4	93.5	93.7	93.9	93.9	94.0	94.0	94.0	94.1
≥ 600	76.1	86.7	89.6	92.1	93.2	93.3	94.2	94.4	94.5	94.9	95.0	95.1	95.2	95.2	95.2	95.3
≥ 500	76.2	87.0	90.1	93.1	94.4	94.6	95.5	95.8	95.9	96.2	96.6	96.7	97.0	97.0	97.0	97.1
≥ 400	76.3	87.1	90.3	93.3	94.8	95.0	96.2	96.6	96.8	97.1	97.6	97.7	97.9	98.0	98.0	98.1
≥ 300	76.3	87.1	90.4	93.5	95.1	95.4	96.6	97.3	97.6	98.0	98.5	98.6	98.9	99.0	99.0	99.1
≥ 200	76.3	87.1	90.4	93.5	95.1	95.4	96.6	97.5	97.7	98.2	98.7	98.8	99.1	99.2	99.3	99.4
≥ 100	76.3	87.1	90.4	93.5	95.1	95.5	96.7	97.6	97.8	98.3	98.7	98.9	99.2	99.3	99.4	99.7
≥ 0	76.3	87.1	90.4	93.5	95.1	95.5	96.7	97.6	97.8	98.3	98.7	98.9	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2821

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	48.5	50.9	51.8	52.3	52.4	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 20000	58.6	61.8	62.9	63.7	64.0	64.1	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000	58.8	62.1	63.2	64.0	64.3	64.4	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	59.1	62.3	63.6	64.3	64.6	64.7	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 14000	60.2	63.5	64.7	65.4	65.7	65.8	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 12000	61.5	65.0	66.3	67.0	67.3	67.4	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0
≥ 10000	63.2	66.7	68.0	68.8	69.2	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 9000	63.3	66.9	68.2	69.1	69.4	69.5	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	64.4	68.1	69.4	70.3	70.6	70.7	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	65.0	69.0	70.4	71.2	71.6	71.7	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 6000	65.7	69.8	71.2	72.1	72.4	72.5	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	66.8	71.5	72.9	73.8	74.2	74.3	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4500	67.4	72.1	73.6	74.6	75.0	75.1	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 4000	68.6	73.5	75.1	76.0	76.4	76.5	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	69.5	74.8	76.4	77.4	77.8	77.9	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 3000	70.9	76.7	78.3	79.4	79.8	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 2500	72.4	78.5	80.3	81.4	81.9	82.1	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	74.1	80.9	82.8	84.1	84.6	84.7	85.1	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	74.6	81.9	83.8	85.1	85.6	85.8	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	75.4	83.3	85.3	86.8	87.3	87.5	87.9	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	76.2	84.9	87.0	88.8	89.5	89.7	90.1	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 1000	76.7	85.9	88.1	89.9	90.7	90.9	91.4	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 900	77.1	86.4	88.8	90.9	91.6	91.9	92.3	92.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	77.3	87.0	89.5	91.6	92.4	92.7	93.2	93.5	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 700	77.4	87.3	89.9	92.2	93.0	93.3	93.8	94.1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	77.5	87.4	90.1	92.5	93.5	93.8	94.4	94.7	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.4
≥ 500	77.5	87.7	90.5	93.0	94.0	94.4	95.1	95.5	95.7	96.2	96.3	96.5	96.5	96.7	96.7	96.8
≥ 400	77.6	87.8	90.8	93.3	94.5	94.9	96.0	96.4	96.6	97.2	97.3	97.5	97.5	97.7	97.7	97.8
≥ 300	77.6	87.8	90.9	93.5	94.7	95.1	96.4	97.2	97.6	98.3	98.4	98.6	98.7	98.8	98.9	99.0
≥ 200	77.6	87.8	90.9	93.6	94.7	95.1	96.5	97.3	97.7	98.6	98.7	99.0	99.1	99.2	99.3	99.5
≥ 100	77.6	87.8	91.0	93.6	94.7	95.1	96.5	97.3	97.7	98.6	98.8	99.1	99.2	99.4	99.5	99.9
≥ 0	77.6	87.8	91.0	93.6	94.7	95.1	96.5	97.3	97.7	98.7	98.8	99.1	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2780

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS L.S.*

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	54.1	58.0	58.7	59.0	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6
≥ 20000	63.4	68.1	69.0	69.4	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 18000	63.8	68.5	69.4	69.8	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6
≥ 16000	63.9	68.6	69.5	69.9	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6
≥ 14000	64.4	69.2	70.2	70.6	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.4
≥ 12000	65.8	71.2	72.2	72.6	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4
≥ 10000	66.9	72.6	73.6	73.9	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.8
≥ 9000	67.0	72.7	73.7	74.1	74.4	74.4	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.9
≥ 8000	68.2	74.1	75.1	75.5	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3
≥ 7000	68.7	74.8	75.9	76.4	76.7	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2
≥ 6000	69.5	75.6	76.7	77.2	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0
≥ 5000	70.3	76.8	77.9	78.4	78.7	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2
≥ 4500	70.9	77.4	78.5	79.1	79.4	79.4	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.9
≥ 4000	71.5	78.2	79.4	80.0	80.3	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8
≥ 3500	72.2	79.3	80.7	81.3	81.7	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.3
≥ 3000	73.3	80.6	81.9	82.6	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 2500	74.2	81.6	83.3	84.0	84.7	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 2000	75.5	84.3	85.9	86.8	87.4	87.4	87.6	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1
≥ 1800	76.0	85.1	86.7	87.7	88.3	88.3	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	89.0
≥ 1500	76.6	86.0	87.7	88.8	89.4	89.4	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1200	77.1	87.2	89.1	90.4	91.1	91.2	91.4	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	92.0
≥ 1000	77.3	87.9	90.0	91.4	92.3	92.4	92.6	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.3
≥ 900	77.4	88.0	90.3	91.9	92.8	92.9	93.1	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8
≥ 800	77.5	88.3	90.7	92.3	93.3	93.4	93.6	94.0	94.0	94.1	94.3	94.3	94.3	94.3	94.4	94.4
≥ 700	77.6	88.4	90.9	92.7	93.6	93.8	94.0	94.4	94.6	94.5	94.7	94.7	94.7	94.7	94.8	94.8
≥ 600	77.6	88.5	91.0	92.8	93.8	94.0	94.3	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.1	95.2
≥ 500	77.7	88.8	91.6	93.5	94.6	94.8	95.2	95.6	95.7	95.8	96.0	96.0	96.1	96.1	96.2	96.3
≥ 400	77.7	89.0	91.8	93.8	95.1	95.3	95.8	96.4	96.4	96.7	96.9	96.9	96.9	96.9	97.1	97.2
≥ 300	77.7	89.0	91.9	94.0	95.5	95.7	96.4	97.2	97.2	97.8	98.1	98.1	98.2	98.2	98.4	98.5
≥ 200	77.7	89.1	91.9	94.1	95.6	95.8	96.5	97.4	97.5	98.0	98.6	98.6	98.9	98.9	99.1	99.2
≥ 100	77.7	89.1	91.9	94.1	95.6	95.8	96.5	97.4	97.5	98.2	98.7	98.8	99.1	99.2	99.4	99.7
≥ 0	77.7	89.1	91.9	94.1	95.6	95.8	96.5	97.4	97.5	98.2	98.7	98.8	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2357

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	59.4	63.0	63.3	63.7	64.1	64.1	64.2	64.2	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.7
≥ 20000	65.8	69.8	70.3	70.8	71.2	71.2	71.3	71.3	71.4	71.5	71.7	71.7	71.8	71.8	71.8	71.9
≥ 18000	66.1	70.1	70.6	71.1	71.4	71.4	71.5	71.5	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.2
≥ 16000	66.1	70.1	70.6	71.1	71.4	71.4	71.5	71.5	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.2
≥ 14000	66.6	70.9	71.4	71.8	72.2	72.2	72.3	72.3	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.9
≥ 12000	67.5	72.0	72.5	72.9	73.3	73.3	73.4	73.4	73.6	73.6	73.9	73.9	73.9	73.9	73.9	74.1
≥ 10000	68.3	73.5	73.9	74.5	74.8	74.8	74.9	74.9	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.6
≥ 9000	68.4	73.6	74.2	74.7	75.1	75.1	75.2	75.2	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.8
≥ 8000	69.5	74.8	75.4	75.9	76.3	76.3	76.4	76.4	76.6	76.6	76.9	76.9	76.9	76.9	76.9	77.1
≥ 7000	69.9	75.5	76.2	76.7	77.1	77.1	77.2	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.8
≥ 6000	70.4	76.0	76.7	77.3	77.6	77.6	77.7	77.7	77.9	77.9	78.2	78.2	78.3	78.3	78.3	78.4
≥ 5000	71.4	77.6	78.4	79.1	79.5	79.5	79.6	79.6	79.8	79.8	80.1	80.1	80.2	80.2	80.2	80.3
≥ 4500	71.7	78.1	78.9	79.6	80.1	80.1	80.2	80.2	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.8
≥ 4000	72.2	78.6	79.5	80.2	80.7	80.8	80.9	81.1	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.7
≥ 3500	72.3	79.1	79.9	80.7	81.4	81.5	81.6	81.7	81.9	81.9	82.2	82.2	82.3	82.3	82.3	82.4
≥ 3000	73.3	80.1	81.2	81.9	82.6	82.7	82.9	83.1	83.2	83.3	83.5	83.5	83.6	83.6	83.6	83.7
≥ 2500	74.2	81.5	82.7	83.4	84.2	84.3	84.5	84.6	84.8	84.8	85.1	85.1	85.2	85.2	85.2	85.3
≥ 2000	75.2	83.0	84.2	84.9	85.8	85.9	86.2	86.2	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.9
≥ 1800	75.8	83.9	85.2	85.9	86.8	86.9	87.2	87.3	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.9
≥ 1500	76.4	84.7	85.9	86.7	87.6	87.7	87.9	88.1	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.8
≥ 1200	77.0	86.0	87.6	88.5	89.5	89.5	89.8	89.9	90.1	90.2	90.4	90.4	90.5	90.5	90.5	90.6
≥ 1000	77.4	87.1	88.9	89.9	91.2	91.3	91.5	91.7	91.9	91.9	92.2	92.2	92.3	92.3	92.3	92.4
≥ 900	77.7	87.5	89.3	90.4	91.7	91.8	92.1	92.3	92.4	92.5	92.7	92.7	92.8	92.8	92.8	92.9
≥ 800	77.8	87.8	89.7	90.9	92.2	92.4	92.7	92.9	93.1	93.3	93.6	93.6	93.6	93.6	93.6	93.8
≥ 700	77.9	88.2	90.1	91.3	92.7	92.9	93.2	93.5	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.4
≥ 600	77.9	88.5	90.5	92.0	93.3	93.5	93.8	94.1	94.3	94.5	94.8	94.8	94.8	94.8	94.8	95.0
≥ 500	78.1	88.9	91.0	92.6	93.9	94.1	94.5	95.1	95.2	95.5	95.7	95.7	95.8	95.8	95.8	96.0
≥ 400	78.1	89.0	91.2	92.7	94.2	94.4	94.9	95.5	95.6	96.0	96.3	96.3	96.4	96.4	96.4	96.5
≥ 300	78.1	89.5	91.7	93.3	94.9	95.2	95.9	96.5	96.7	97.1	97.4	97.4	97.5	97.5	97.6	97.7
≥ 200	78.1	89.5	91.7	93.3	94.9	95.2	96.2	96.7	97.0	97.6	97.9	97.9	98.1	98.1	98.2	98.4
≥ 100	78.1	89.5	91.7	93.4	95.1	95.3	96.3	96.8	97.1	97.8	98.2	98.2	98.4	98.4	98.7	98.8
0	78.1	89.5	91.7	93.4	95.1	95.3	96.3	96.8	97.1	97.8	98.2	98.2	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-61,69,73-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.0	59.1	59.3	59.3	59.5	59.5	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	62.0	67.2	67.3	67.3	67.5	67.5	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	62.1	67.2	67.3	67.4	67.6	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	62.4	67.5	67.7	67.7	67.9	67.9	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	63.2	68.4	68.6	68.7	68.9	68.9	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	64.4	69.9	70.2	70.2	70.4	70.4	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	65.8	71.7	72.0	72.1	72.3	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	66.7	72.8	73.1	73.1	73.3	73.3	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	67.8	74.1	74.4	74.5	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	69.1	75.8	76.1	76.2	76.3	76.3	76.6	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	70.2	77.1	77.4	77.4	77.6	77.6	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	71.2	78.7	79.0	79.1	79.2	79.2	79.5	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	71.8	79.4	79.7	79.8	80.0	80.0	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	73.3	81.2	81.6	81.6	81.8	81.8	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	74.1	82.5	82.9	83.1	83.3	83.3	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	75.2	83.9	84.3	84.8	85.1	85.1	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	75.9	85.1	85.8	86.2	86.6	86.6	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	76.6	86.5	87.4	87.9	88.2	88.2	88.7	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 1800	77.0	87.1	88.0	88.5	88.8	88.8	89.3	89.3	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 1500	77.9	88.6	89.6	90.1	90.7	90.7	91.1	91.1	91.1	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1200	79.2	90.6	91.9	92.4	92.9	92.9	93.3	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1000	79.5	91.5	92.9	93.5	94.0	94.0	94.5	94.5	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 900	79.6	91.7	93.1	93.8	94.3	94.3	94.8	94.8	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 800	79.7	91.9	93.3	94.1	94.6	94.6	95.1	95.1	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 700	79.9	92.4	93.7	94.5	95.1	95.1	95.6	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 600	80.0	92.7	94.0	95.1	95.7	95.8	96.2	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	80.0	93.0	94.3	95.4	96.1	96.2	96.8	96.9	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 400	80.0	93.1	94.5	95.6	96.4	96.5	97.1	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 300	80.0	93.2	94.7	95.9	96.9	97.0	97.8	97.8	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 200	80.2	93.5	95.0	96.2	97.4	97.5	98.4	98.5	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1
≥ 100	80.2	93.5	95.0	96.2	97.4	97.5	98.5	98.6	98.6	99.2	99.3	99.3	99.6	99.6	99.7	99.8
≥ 0	80.2	93.5	95.0	96.2	97.4	97.5	98.5	98.6	98.6	99.2	99.3	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS.. 1623

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.7	57.3	57.7	58.1	58.3	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.9	59.2
≥ 20000	59.5	64.5	64.9	65.5	65.7	65.7	65.9	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.3	66.6
≥ 18000	59.6	64.6	65.0	65.5	65.7	65.7	65.9	65.9	65.9	66.1	66.2	66.2	66.2	66.3	66.3	66.7
≥ 6000	59.6	64.7	65.1	65.6	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.5	66.8
≥ 14000	60.4	65.5	65.9	66.5	66.7	66.7	66.9	66.9	66.9	67.1	67.2	67.2	67.2	67.3	67.3	67.6
≥ 12000	61.3	66.4	66.8	67.3	67.7	67.7	67.9	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.3	68.6
≥ 10000	63.2	68.5	69.0	69.5	69.9	69.9	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.5	70.8
≥ 9000	63.9	69.3	69.7	70.3	70.7	70.7	70.9	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.6
≥ 8000	65.3	70.8	71.2	71.8	72.2	72.2	72.4	72.4	72.4	72.6	72.7	72.7	72.7	72.7	72.8	73.1
≥ 7000	67.1	72.8	73.2	73.8	74.2	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.8	75.1
≥ 6000	68.0	74.1	74.5	75.2	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.2	76.5
≥ 5000	69.0	75.1	75.6	76.4	76.7	76.7	77.0	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.4	77.7
≥ 4500	69.5	75.7	76.2	77.0	77.3	77.3	77.6	77.6	77.6	77.8	77.9	77.9	77.9	78.0	78.0	78.3
≥ 4000	71.0	77.3	78.0	78.9	79.3	79.3	79.6	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.4
≥ 3500	71.6	78.2	79.0	80.0	80.3	80.3	80.6	80.7	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.5
≥ 3000	72.3	79.3	80.3	81.4	81.8	81.8	82.2	82.3	82.3	82.6	82.6	82.6	82.7	82.7	82.8	83.1
≥ 2500	72.9	80.3	81.4	82.5	82.9	82.9	83.4	83.4	83.5	83.7	83.7	83.7	83.8	83.8	83.9	84.2
≥ 2000	74.3	82.2	83.4	84.5	85.0	85.0	85.4	85.5	85.5	85.7	85.8	85.8	85.8	85.9	85.9	86.3
≥ 1800	74.7	83.0	84.2	85.4	85.8	85.8	86.2	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.8	87.1
≥ 1500	76.0	84.5	85.7	87.0	87.4	87.4	87.9	87.9	88.0	88.2	88.3	88.3	88.3	88.4	88.4	88.8
≥ 1200	78.1	87.2	88.5	89.9	90.4	90.4	90.8	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.4	91.7
≥ 1000	78.8	88.3	89.7	91.2	91.7	91.7	92.2	92.3	92.3	92.6	92.7	92.7	92.7	92.8	92.8	93.2
≥ 900	79.1	88.9	90.4	91.8	92.3	92.3	92.8	92.9	92.9	93.2	93.3	93.3	93.4	93.4	93.5	93.8
≥ 800	79.2	89.4	90.9	92.4	93.0	93.0	93.5	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.2	94.5
≥ 700	79.4	89.9	91.5	93.1	93.7	93.7	94.2	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.9	95.2
≥ 600	79.5	90.0	91.7	93.3	94.2	94.2	94.7	94.8	94.8	95.2	95.3	95.3	95.3	95.4	95.4	95.8
≥ 500	79.5	90.4	92.1	93.7	94.6	94.7	95.3	95.4	95.5	96.0	96.1	96.1	96.2	96.2	96.3	96.6
≥ 400	79.6	90.6	92.4	94.0	95.0	95.1	95.9	96.0	96.0	96.5	96.6	96.6	96.7	96.8	96.8	97.2
≥ 300	79.6	90.6	92.4	94.2	95.2	95.4	96.4	96.6	96.7	97.3	97.4	97.4	97.5	97.6	97.6	98.0
≥ 200	79.6	90.6	92.5	94.2	95.5	95.7	96.7	97.2	97.2	97.9	98.1	98.1	98.3	98.4	98.5	98.8
≥ 100	79.6	90.6	92.5	94.2	95.5	95.7	96.7	97.2	97.3	98.1	98.2	98.2	98.3	98.6	98.8	99.3
≥ 0	79.6	90.6	92.5	94.2	95.5	95.7	96.7	97.2	97.3	98.1	98.2	98.2	98.3	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2055

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.9	47.1	48.0	48.4	48.7	48.9	49.1	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.6
≥ 20000	51.9	56.2	57.3	57.8	58.2	58.3	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.1
≥ 18000	52.2	56.5	57.5	58.0	58.4	58.6	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.4
≥ 16000	52.4	56.8	57.8	58.4	58.8	58.9	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.7
≥ 14000	53.4	57.8	58.8	59.5	59.9	60.0	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.9
≥ 12000	55.0	60.1	61.3	62.1	62.5	62.6	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.5
≥ 10000	57.3	62.6	63.8	64.6	65.0	65.1	65.5	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	66.1
≥ 9000	58.2	63.5	64.8	65.6	66.0	66.2	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	67.1
≥ 8000	60.0	65.8	67.0	67.9	68.3	68.4	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.4
≥ 7000	61.1	67.2	68.4	69.3	69.7	69.9	70.3	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.8
≥ 6000	62.4	68.6	69.9	70.8	71.2	71.4	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.3
≥ 5000	63.5	70.2	71.5	72.5	72.9	73.1	73.5	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.2
≥ 4500	63.9	70.6	72.0	72.9	73.4	73.5	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.6
≥ 4000	64.9	71.7	73.1	74.1	74.5	74.7	75.2	75.3	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.9
≥ 3500	65.5	72.2	74.2	75.2	75.6	75.9	76.3	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	77.0
≥ 3000	66.7	74.2	75.7	76.8	77.3	77.5	77.9	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.7
≥ 2500	67.5	75.3	76.8	78.1	78.6	78.8	79.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	80.0
≥ 2000	68.7	77.1	78.9	80.3	80.8	81.0	81.6	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.3
≥ 1800	69.5	78.2	80.0	81.4	82.0	82.2	82.8	82.9	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.6
≥ 1500	71.4	80.6	82.5	83.9	84.7	84.9	85.4	85.6	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.3
≥ 1200	73.0	83.0	85.1	86.6	87.4	87.6	88.3	88.5	88.7	88.8	88.8	88.8	88.9	88.9	88.9	89.1
≥ 1000	73.5	84.0	86.3	88.0	88.9	89.2	90.0	90.2	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.9
≥ 900	73.5	84.3	86.7	88.5	89.4	89.6	90.4	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.3
≥ 800	74.0	85.0	87.6	89.7	90.6	90.9	91.7	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 700	74.2	85.5	88.1	90.4	91.4	91.6	92.6	92.8	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.6
≥ 600	74.4	85.9	88.8	91.1	92.2	92.5	93.5	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.6
≥ 500	74.5	86.4	89.4	91.8	93.2	93.5	94.7	95.0	95.3	95.5	95.6	95.6	95.7	95.7	95.7	96.0
≥ 400	74.6	86.7	89.8	92.5	93.9	94.3	95.6	95.9	96.2	96.6	96.7	96.7	96.8	96.8	96.8	97.1
≥ 300	74.6	86.7	90.0	92.9	94.5	94.9	96.4	96.7	96.9	97.4	97.6	97.6	97.7	97.7	97.7	98.0
≥ 200	74.6	86.7	90.0	92.9	94.6	95.0	96.5	96.9	97.2	97.8	98.0	98.0	98.2	98.3	98.3	98.6
≥ 100	74.6	86.7	90.0	92.9	94.6	95.0	96.6	97.1	97.3	98.0	98.2	98.2	98.7	98.7	99.1	99.7
≥ 0	74.6	86.7	90.0	92.9	94.6	95.0	96.6	97.1	97.3	98.0	98.2	98.2	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2548

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.8	47.7	47.9	48.1	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	55.1	57.9	58.2	58.5	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	55.3	58.1	58.4	58.7	59.0	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	55.7	58.5	58.8	59.1	59.4	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	56.5	59.6	59.9	60.2	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	58.9	62.2	62.6	62.8	63.2	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	60.6	64.1	64.5	64.8	65.1	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	61.4	64.9	65.3	65.6	66.0	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	62.9	66.8	67.3	67.6	67.9	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	63.7	67.8	68.3	68.6	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	64.5	68.8	69.4	69.7	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	65.6	70.1	70.8	71.3	71.7	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	66.0	70.6	71.2	71.7	72.2	72.3	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	66.5	71.2	71.9	72.4	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	67.7	72.5	73.2	73.7	74.2	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	68.9	74.2	74.9	75.4	75.9	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2500	70.1	75.9	76.6	77.2	77.7	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 2000	72.3	78.7	79.4	80.0	80.6	80.6	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	73.1	79.6	80.4	81.1	81.7	81.7	81.9	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 1500	74.7	81.8	82.9	83.7	84.3	84.4	84.6	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 1200	76.0	84.4	85.6	86.7	87.4	87.4	87.6	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	76.9	86.1	87.4	88.7	89.6	89.7	90.0	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 900	77.3	87.0	88.5	89.9	91.0	91.1	91.4	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	77.7	87.8	89.3	90.9	92.1	92.2	92.6	92.9	92.-	93.0	93.1	93.1	93.2	93.2	93.2	93.2
≥ 700	78.1	88.5	90.1	91.9	93.2	93.3	93.8	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3
≥ 600	78.4	88.9	90.7	92.5	93.9	94.0	94.6	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 500	78.6	89.4	91.2	93.3	94.7	94.9	95.9	96.3	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 400	78.6	89.7	91.5	93.8	95.3	95.6	96.7	97.3	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 300	78.6	89.8	91.6	94.0	95.5	95.8	97.1	97.7	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	78.6	89.8	91.7	94.2	95.8	96.1	97.4	98.1	98.5	99.1	99.3	99.3	99.5	99.5	99.6	99.6
≥ 100	78.6	89.8	91.7	94.2	95.8	96.1	97.4	98.1	98.5	99.2	99.4	99.4	99.6	99.6	99.8	99.8
≥ 0	78.6	89.8	91.7	94.2	95.8	96.1	97.4	98.1	98.5	99.2	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2720

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.5	48.1	48.5	48.7	49.0	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3
≥ 20000	56.5	58.6	59.3	59.5	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 18000	56.8	58.9	59.6	59.8	60.3	60.3	60.4	60.4	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7
≥ 16000	57.2	59.4	60.1	60.3	60.8	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2
≥ 14000	57.8	60.1	60.8	61.2	61.7	61.7	61.8	61.8	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.1
≥ 12000	59.2	62.1	62.9	63.2	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1
≥ 10000	61.3	64.4	65.2	65.6	66.0	66.0	66.1	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5
≥ 9000	61.9	65.1	65.8	66.2	66.7	66.7	66.8	66.8	66.8	66.9	67.0	67.0	67.1	67.1	67.1	67.1
≥ 8000	63.0	66.4	67.1	67.5	68.0	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.5	68.5	68.5	68.5
≥ 7000	63.6	67.1	67.9	68.3	68.8	68.8	68.9	68.9	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2
≥ 6000	64.4	68.0	68.9	69.3	69.7	69.7	69.9	69.9	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2
≥ 5000	65.3	69.0	70.0	70.4	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5
≥ 4500	66.3	70.1	71.1	71.6	72.1	72.1	72.3	72.3	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6
≥ 4000	67.8	71.7	72.7	73.2	73.8	73.8	74.0	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3
≥ 3500	69.5	73.5	74.5	75.0	75.6	75.7	75.8	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2
≥ 3000	71.8	76.3	77.3	77.9	78.6	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2
≥ 2500	74.6	79.7	80.8	81.6	82.3	82.4	82.5	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9
≥ 2000	77.5	83.2	84.3	85.1	85.9	85.9	86.1	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1800	78.0	84.0	85.1	86.0	86.8	86.8	87.0	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4
≥ 1500	79.7	86.7	87.9	88.9	89.8	89.9	90.0	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4
≥ 1200	80.7	88.3	89.9	90.8	91.7	91.8	92.0	92.0	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4
≥ 1000	81.2	89.5	91.1	92.2	93.1	93.2	93.5	93.5	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 900	81.5	89.9	91.5	92.8	93.7	93.8	94.1	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4
≥ 800	81.6	90.5	92.2	93.5	94.6	94.7	95.1	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6
≥ 700	81.7	90.8	92.7	94.4	95.6	95.7	96.2	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 600	81.8	91.0	93.0	94.8	96.0	96.1	96.8	97.0	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 500	81.8	91.2	93.2	95.2	96.5	96.6	97.4	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.4
≥ 400	81.8	91.4	93.5	95.7	97.0	97.2	98.1	98.6	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	81.8	91.4	93.4	95.8	97.3	97.5	98.3	98.9	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	81.8	91.4	93.6	95.8	97.3	97.5	98.4	99.0	99.1	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	81.8	91.4	93.6	95.8	97.3	97.5	98.4	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	81.8	91.4	93.6	95.8	97.3	97.5	98.4	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2720

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46;49-75 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.9	52.2	52.5	53.0	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
≥ 20000	59.2	62.3	62.9	63.6	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2
≥ 18000	59.6	62.7	63.3	64.0	64.1	64.3	64.4	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7
≥ 16000	60.2	63.3	63.9	64.6	64.7	64.9	65.0	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.3
≥ 14000	50.9	64.2	64.9	65.6	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3
≥ 12000	62.3	66.0	66.7	67.4	67.6	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1
≥ 10000	64.2	68.1	68.7	69.5	69.7	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.3	70.3	70.3	70.3
≥ 9000	65.0	68.9	69.6	70.4	70.6	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.2
≥ 8000	65.9	70.1	70.8	71.6	71.9	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 7000	67.0	71.2	71.9	72.7	73.0	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.6	73.6	73.6	73.6
≥ 6000	68.4	72.7	73.5	74.3	74.6	74.7	74.9	74.9	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2
≥ 5000	69.9	74.6	75.5	76.4	76.7	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3
≥ 4500	70.7	75.7	76.5	77.4	77.7	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.3	78.3	78.3	78.3
≥ 4000	72.4	77.4	78.2	79.2	79.5	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1
≥ 3500	73.9	79.2	80.0	81.0	81.3	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 3000	76.2	81.8	82.7	83.7	84.0	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.7	84.7	84.7	84.7
≥ 2500	78.1	84.3	85.2	86.3	86.6	86.8	86.9	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 2000	80.0	87.0	88.1	89.3	89.7	89.8	90.0	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 1800	80.4	87.7	88.8	90.1	90.5	90.7	90.8	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1500	81.2	88.9	90.2	91.5	91.9	92.1	92.3	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1200	82.0	90.0	91.5	93.0	93.4	93.6	93.9	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1000	82.5	90.6	92.3	94.1	94.6	94.7	95.0	95.2	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6
≥ 900	82.6	90.9	92.6	94.4	94.9	95.1	95.4	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 800	82.7	91.5	93.3	95.2	95.8	96.1	96.5	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 700	82.8	91.9	93.7	95.7	96.4	96.6	97.1	97.3	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8
≥ 600	82.8	92.0	94.0	96.1	96.8	97.0	97.5	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	82.8	92.0	94.1	96.3	97.2	97.4	98.0	98.4	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0
≥ 400	82.8	92.0	94.2	96.5	97.4	97.7	98.4	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	82.8	92.0	94.2	96.5	97.6	97.9	98.7	99.1	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	82.8	92.0	94.2	96.6	97.6	98.0	98.7	99.2	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	82.8	92.0	94.2	96.6	97.6	98.0	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
0	82.8	92.0	94.2	96.6	97.6	98.0	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2686

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.3	57.6	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	64.0	68.7	69.5	69.8	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 18000	64.0	68.8	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5
≥ 16000	64.3	69.1	70.0	70.4	70.4	70.4	70.5	70.5	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 14000	65.1	70.1	70.9	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	66.2	71.3	72.2	72.6	72.6	72.6	72.7	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 10000	68.0	73.5	74.4	74.9	74.9	74.9	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	68.7	74.2	75.2	75.6	75.7	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	69.6	75.3	76.2	76.7	76.7	76.7	76.8	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	70.9	76.8	77.7	78.2	78.2	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 6000	72.0	78.2	79.1	79.6	79.6	79.7	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	73.0	79.6	80.7	81.2	81.3	81.4	81.5	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	73.3	80.2	81.4	81.8	82.0	82.0	82.1	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 4000	74.6	81.8	82.9	83.5	83.6	83.6	83.7	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	75.6	83.0	84.2	84.8	84.9	85.0	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	77.4	85.1	86.2	87.0	87.1	87.2	87.3	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	78.6	86.6	87.8	88.6	88.8	88.8	89.0	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	79.3	88.0	89.4	90.3	90.5	90.5	90.7	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	79.4	88.1	89.6	90.5	90.7	90.7	90.9	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	80.4	89.8	91.4	92.5	92.8	92.9	93.1	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1200	80.9	90.5	92.2	93.3	93.6	93.8	94.0	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	81.2	91.6	93.5	94.8	95.2	95.3	95.6	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 900	81.2	91.7	93.6	94.9	95.4	95.5	95.8	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	81.5	92.3	94.2	95.8	96.4	96.5	96.8	96.8	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 700	81.5	92.6	94.5	96.1	96.7	96.8	97.1	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	81.5	92.7	94.7	96.3	96.9	97.0	97.5	97.5	97.5	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	81.5	93.0	95.0	96.6	97.3	97.5	97.9	98.0	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	81.6	93.1	95.1	97.1	97.8	98.0	98.5	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	81.6	93.1	95.2	97.2	98.1	98.2	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	81.6	93.2	95.3	97.4	98.2	98.4	98.9	99.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	81.6	93.2	95.3	97.4	98.2	98.4	98.9	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	81.6	93.2	95.3	97.4	98.2	98.4	98.9	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2275

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.0	61.9	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	63.4	69.0	69.2	69.4	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	63.4	69.2	69.4	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 16000	63.7	69.4	69.6	69.8	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	64.6	70.4	70.6	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	65.3	71.3	71.4	71.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	66.8	73.5	73.7	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	67.2	74.0	74.2	74.4	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	68.4	75.4	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	69.4	76.8	77.0	77.2	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	70.4	77.9	78.1	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	71.5	79.8	80.2	80.4	80.6	80.6	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	71.9	80.4	80.8	81.1	81.3	81.3	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	73.0	81.9	82.4	82.9	83.1	83.1	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	73.7	83.3	83.7	84.3	84.5	84.5	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	74.7	85.0	85.6	86.1	86.3	86.3	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	75.9	86.8	87.7	88.3	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	77.1	88.4	89.5	90.1	90.3	90.3	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	77.2	88.7	89.7	90.3	90.6	90.6	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	77.5	89.8	90.9	91.5	91.8	91.8	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	78.3	90.9	92.1	92.7	93.1	93.1	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	78.4	91.8	93.0	93.9	94.5	94.5	94.8	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	78.5	92.0	93.3	94.3	94.9	94.9	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	78.6	92.8	94.1	95.3	95.9	95.9	96.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	78.6	93.0	94.4	95.5	96.2	96.2	96.6	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	78.6	93.1	94.5	95.7	96.5	96.5	96.9	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	78.6	93.2	94.7	96.0	97.0	97.0	97.5	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	78.6	93.3	94.8	96.1	97.2	97.2	97.6	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	78.6	93.4	95.0	96.4	97.6	97.6	98.3	98.6	98.6	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 200	78.6	93.4	95.0	96.4	97.6	97.6	98.5	98.8	98.8	99.4	99.4	99.4	99.7	99.7	99.8	99.8
≥ 100	78.6	93.4	95.0	96.4	97.6	97.6	98.5	98.8	98.8	99.5	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	78.6	93.4	95.0	96.4	97.6	97.6	98.5	98.8	98.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1844

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-63,65,67-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	53.3	57.1	57.4	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	60.5	64.9	65.4	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	60.5	64.9	65.5	65.8	65.9	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	60.9	65.4	65.9	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	62.5	67.1	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	64.1	69.1	69.6	70.0	70.1	70.2	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.5	70.5
≥ 10000	66.0	71.7	72.3	72.7	72.8	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.2
≥ 9000	66.4	72.5	73.1	73.4	73.5	73.6	73.6	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9
≥ 8000	67.7	73.8	74.4	74.8	75.0	75.0	75.0	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	69.6	75.9	76.6	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.5	77.5
≥ 6000	70.5	77.0	77.6	78.0	78.2	78.2	78.2	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	72.8	80.0	80.8	81.1	81.3	81.4	81.4	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7
≥ 4500	73.2	80.7	81.6	81.9	82.1	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.5	82.5
≥ 4000	74.4	82.8	83.7	84.1	84.3	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.7
≥ 3500	75.5	84.4	85.5	86.1	86.3	86.3	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7
≥ 3000	75.9	85.3	86.4	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.8	87.8	87.8	87.8	87.9	87.9
≥ 2500	76.4	86.3	87.5	88.2	88.4	88.5	88.5	88.6	88.6	88.8	88.9	88.9	88.9	88.9	89.0	89.0
≥ 2000	77.2	87.6	88.8	89.9	90.1	90.1	90.2	90.3	90.3	90.5	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1800	77.7	88.2	89.5	90.5	90.7	90.8	90.9	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1500	78.2	89.2	90.5	91.6	91.7	91.8	91.9	92.0	92.0	92.2	92.3	92.3	92.3	92.3	92.5	92.5
≥ 1200	79.0	90.1	91.5	92.5	92.7	92.8	92.9	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.4	93.4
≥ 1000	79.4	91.1	92.5	93.6	93.8	93.9	94.0	94.0	94.0	94.3	94.4	94.4	94.4	94.4	94.5	94.5
≥ 900	79.5	91.3	92.6	93.7	94.0	94.0	94.2	94.2	94.2	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 800	79.7	91.9	93.3	94.6	95.0	95.1	95.2	95.3	95.3	95.5	95.7	95.7	95.7	95.7	95.8	95.8
≥ 700	79.8	92.3	93.7	95.1	95.5	95.5	95.7	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.3	96.3
≥ 600	79.9	92.5	94.1	95.5	95.8	95.9	96.1	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.7	96.7
≥ 500	80.2	93.2	95.0	96.4	96.9	96.9	97.1	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7
≥ 400	80.2	93.4	95.1	96.6	97.2	97.3	97.5	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.1	98.1
≥ 300	80.3	93.7	95.6	97.3	98.1	98.2	98.4	98.5	98.5	98.7	98.9	98.9	99.0	99.0	99.1	99.1
≥ 200	80.4	93.8	95.7	97.5	98.3	98.4	98.7	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.5	99.5
≥ 100	80.4	93.8	95.7	97.5	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.6	99.7
≥ 0	80.4	93.8	95.7	97.5	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1659

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.3	52.5	52.9	53.4	53.9	53.9	54.1	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.7
≥ 20000	56.0	61.4	61.8	62.3	62.9	62.9	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.5	63.7
≥ 18000	56.2	61.6	62.0	62.4	63.0	63.1	63.[illegible]4	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.9
≥ 16000	56.3	61.8	62.1	62.6	63.2	63.3	63.4		63.5	63.7	63.7	63.7	63.8	63.8	63.9	64.1
≥ 14000	57.5	63.2	63.5	64.0	64.6	64.7	64.8	[illegible]4.9	64.9	65.1	65.1	65.1	65.2	65.2	65.3	65.5
≥ 12000	59.2	65.2	65.6	66.1	66.6	66.7	66.9	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.3	67.6
≥ 10000	61.8	68.4	68.8	69.3	69.9	70.0	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.6	70.8
≥ 9000	62.5	69.1	69.6	70.1	70.7	70.8	71.0	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.4	71.7
≥ 8000	63.8	70.8	71.4	71.9	72.5	72.6	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.4
≥ 7000	63.6	72.8	73.4	73.9	74.6	74.6	74.8	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.5
≥ 6000	66.3	73.8	74.4	75.0	75.6	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.5
≥ 5000	68.5	76.5	77.2	77.9	78.5	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.4
≥ 4500	69.0	77.2	78.0	78.7	79.3	79.3	79.5	79.6	79.6	79.8	79.9	79.9	79.9	79.9	80.0	80.3
≥ 4000	70.4	79.1	80.0	80.8	81.5	81.6	81.7	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.5
≥ 3500	71.4	80.5	81.5	82.5	83.2	83.3	83.5	83.6	83.6	83.8	83.8	83.8	83.9	83.9	84.0	84.2
≥ 3000	72.1	81.6	82.6	83.6	84.5	84.5	84.7	84.8	84.8	85.0	85.0	85.0	85.1	85.1	85.2	85.4
≥ 2500	72.6	82.5	83.5	84.6	85.5	85.6	85.8	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.5
≥ 2000	73.8	84.4	85.4	86.5	87.4	87.5	87.7	87.8	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.5
≥ 1800	74.2	84.8	85.9	87.1	88.0	88.0	88.2	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.8	89.0
≥ 1500	74.9	85.9	87.1	88.3	89.2	89.2	89.4	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.1	90.3
≥ 1200	76.0	87.3	88.6	89.8	90.7	90.8	91.0	91.1	91.1	91.4	91.5	91.5	91.5	91.5	91.6	91.8
≥ 1000	76.4	88.1	89.5	90.7	91.7	91.8	92.2	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.8	93.0
≥ 900	76.4	88.3	89.7	90.9	91.9	91.9	92.3	92.5	92.5	92.8	92.8	92.8	92.9	92.9	93.0	93.2
≥ 800	76.7	89.0	90.4	91.7	92.9	92.9	93.4	93.5	93.5	93.8	93.9	93.9	93.9	93.9	94.0	94.3
≥ 700	76.7	89.3	90.8	92.4	93.5	93.6	94.1	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.7	94.9
≥ 600	76.9	89.9	91.5	93.1	94.3	94.3	94.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.4	95.7
≥ 500	77.0	90.2	92.0	93.7	95.1	95.2	95.7	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.3	96.6
≥ 400	77.2	90.6	92.6	94.4	95.8	95.9	96.7	96.9	96.9	97.3	97.3	97.3	97.4	97.4	97.5	97.8
≥ 300	77.3	90.9	92.9	94.8	96.3	96.4	97.2	97.4	97.4	97.9	97.9	97.9	98.0	98.0	98.1	98.4
≥ 200	77.3	91.0	93.0	95.1	96.6	96.7	97.6	97.9	97.9	98.4	98.5	98.5	98.6	98.6	98.7	99.0
≥ 100	77.3	91.0	93.0	95.1	96.7	96.8	97.7	98.0	98.0	98.5	98.6	98.6	98.8	98.8	99.0	99.3
≥ 0	77.3	91.0	93.0	95.1	96.7	96.8	97.7	98.0	98.0	98.5	98.6	98.6	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2071

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.8	46.4	46.8	47.3	47.6	47.6	47.8	47.9	47.9	48.0	48.1	48.1	48.2	48.3	48.3	48.4
≥ 20000	51.6	56.4	57.0	57.7	58.0	58.0	58.2	58.3	58.3	58.5	58.5	58.5	58.7	58.7	58.8	58.9
≥ 18000	51.7	56.6	57.1	57.8	58.1	58.1	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.9	59.0
≥ 16000	51.8	56.8	57.3	58.0	58.4	58.4	58.5	58.7	58.7	58.8	58.9	58.9	59.0	59.1	59.2	59.3
≥ 14000	53.0	58.0	58.6	59.3	59.6	59.6	59.8	59.9	59.9	60.1	60.1	60.1	60.3	60.3	60.4	60.5
≥ 12000	54.4	59.8	60.5	61.2	61.5	61.5	61.7	61.8	61.8	62.0	62.0	62.0	62.2	62.2	62.3	62.4
≥ 10000	56.9	62.8	63.5	64.3	64.6	64.6	64.8	64.9	65.0	65.1	65.1	65.1	65.3	65.3	65.4	65.5
≥ 9000	58.0	64.1	64.8	65.6	65.9	65.9	66.1	66.2	66.2	66.4	66.4	66.4	66.6	66.6	66.7	66.8
≥ 8000	59.6	66.3	67.1	67.9	68.3	68.3	68.4	68.6	68.6	68.7	68.8	68.8	69.0	69.0	69.1	69.2
≥ 7000	61.4	68.4	69.3	70.2	70.6	70.6	70.7	70.9	70.9	71.0	71.1	71.1	71.3	71.3	71.4	71.5
≥ 6000	62.4	69.7	70.6	71.6	72.0	72.0	72.1	72.3	72.3	72.5	72.5	72.5	72.7	72.7	72.8	73.0
≥ 5000	64.0	71.9	72.9	73.9	74.3	74.3	74.4	74.6	74.7	74.8	74.9	74.9	75.0	75.1	75.1	75.3
≥ 4500	64.7	72.7	73.7	74.7	75.1	75.1	75.3	75.4	75.5	75.6	75.7	75.7	75.8	75.9	76.0	76.1
≥ 4000	65.6	74.1	75.3	76.3	76.9	76.9	77.1	77.2	77.3	77.4	77.5	77.5	77.6	77.7	77.8	77.9
≥ 3500	65.9	74.6	75.8	77.0	77.6	77.6	77.8	78.0	78.1	78.2	78.3	78.3	78.4	78.5	78.5	78.7
≥ 3000	67.3	76.4	77.8	79.0	79.5	79.5	79.8	80.0	80.1	80.2	80.3	80.3	80.4	80.5	80.6	80.7
≥ 2500	68.3	77.9	79.3	80.6	81.2	81.2	81.5	81.7	81.8	81.9	82.0	82.0	82.1	82.1	82.2	82.4
≥ 2000	69.5	79.5	81.1	82.3	82.9	82.9	83.2	83.4	83.5	83.6	83.7	83.7	83.9	83.9	84.0	84.1
≥ 1800	69.9	80.0	81.6	82.9	83.5	83.5	83.8	84.0	84.1	84.2	84.3	84.3	84.4	84.5	84.6	84.7
≥ 1500	71.3	82.1	83.8	85.3	85.9	85.9	86.2	86.5	86.5	86.7	86.7	86.7	86.9	86.9	87.0	87.2
≥ 1200	72.7	84.0	85.8	87.4	88.1	88.1	88.4	88.7	88.8	88.9	89.0	89.0	89.1	89.2	89.3	89.4
≥ 1000	73.2	85.1	87.0	88.6	89.3	89.4	89.7	90.0	90.1	90.2	90.3	90.3	90.5	90.5	90.6	90.7
≥ 900	73.4	85.5	87.5	89.2	89.9	89.9	90.3	90.5	90.7	90.8	90.9	90.9	91.0	91.1	91.1	91.3
≥ 800	73.7	86.2	88.6	90.5	91.2	91.3	91.7	92.0	92.1	92.3	92.3	92.3	92.5	92.5	92.6	92.8
≥ 700	74.2	86.8	89.2	91.2	92.1	92.2	92.6	92.9	93.0	93.2	93.2	93.2	93.4	93.4	93.5	93.7
≥ 600	74.7	87.6	90.1	92.2	93.1	93.3	93.7	94.1	94.2	94.4	94.5	94.5	94.6	94.7	94.7	94.9
≥ 500	75.0	88.1	90.8	93.2	94.1	94.5	95.1	95.4	95.6	95.8	95.9	95.9	96.0	96.1	96.1	96.3
≥ 400	75.1	88.6	91.4	93.9	94.9	95.3	96.0	96.3	96.5	96.7	96.8	96.8	97.0	97.0	97.1	97.3
≥ 300	75.2	88.8	91.6	94.2	95.3	95.7	96.6	97.1	97.3	97.7	97.8	97.8	98.0	98.1	98.2	98.3
≥ 200	75.2	88.9	91.7	94.2	95.4	95.8	96.8	97.5	97.7	98.2	98.4	98.4	98.7	98.8	99.0	99.1
≥ 100	75.2	88.9	91.7	94.2	95.4	95.9	96.9	97.6	97.9	98.4	98.6	98.6	99.0	99.1	99.3	99.5
≥ 0	75.2	88.9	91.7	94.2	95.4	95.9	96.9	97.6	97.9	98.4	98.6	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2571

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.8	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	58.5	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	58.7	60.5	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	58.7	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	59.7	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	61.7	63.8	64.0	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
≥ 10000	64.2	66.5	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	65.3	67.7	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	68.2
≥ 8000	67.3	70.1	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	68.5	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	69.1	72.3	72.6	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
≥ 5000	70.5	74.0	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
≥ 4500	71.0	74.6	74.9	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
≥ 4000	71.6	75.5	75.8	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	72.2	76.2	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	73.8	78.1	78.5	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	75.4	80.1	80.6	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	78.7	83.8	84.4	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	79.7	85.2	85.9	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	81.7	87.8	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	83.4	90.1	91.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	84.3	91.7	92.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	84.4	92.3	93.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	84.8	93.0	94.2	95.5	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	85.1	93.3	94.7	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	85.2	93.6	95.1	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 500	85.4	94.1	95.7	97.6	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 400	85.5	94.2	96.0	97.9	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	85.5	94.2	96.1	98.1	98.8	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	85.5	94.2	96.1	98.1	98.9	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	85.5	94.2	96.1	98.1	98.9	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0
≥ 0	85.5	94.2	96.1	98.1	98.9	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2730

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.3	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	59.1	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	59.3	61.5	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	59.5	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	60.2	62.6	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	62.0	64.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000	64.1	67.0	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	65.1	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
8000	66.6	70.0	70.4	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
7000	67.5	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	68.2	71.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	70.1	73.9	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
≥ 4500	71.1	75.0	75.6	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
≥ 4000	72.7	76.8	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	74.2	78.5	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	77.4	82.2	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	80.8	86.1	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	84.0	90.3	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	84.6	90.9	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	85.9	92.5	93.4	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	86.6	93.8	94.8	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	87.1	94.7	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	87.1	94.9	96.0	96.5	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	87.4	95.2	96.3	96.8	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	87.5	95.4	96.6	97.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	87.7	95.8	97.0	97.7	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	87.9	96.1	97.4	98.1	98.4	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	87.9	96.2	97.6	98.3	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	87.9	96.2	97.6	98.4	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	87.9	96.2	97.7	98.5	98.9	99.0	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	87.9	96.2	97.7	98.5	98.9	99.0	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	87.9	96.2	97.7	98.5	98.9	99.0	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2729

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.7	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	63.3	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	63.3	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	63.4	66.0	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	64.1	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	66.8	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	68.6	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	69.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	71.0	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	72.3	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	73.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	74.8	79.0	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	75.7	80.0	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	78.2	83.0	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	80.2	85.3	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
≥ 3000	82.5	88.1	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 2500	84.6	90.5	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	86.1	92.5	93.2	93.4	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1800	86.6	93.1	93.8	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 1500	87.2	94.1	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1200	87.9	95.0	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	[illegible]	96.6	96.6	96.6	96.6
≥ 1000	88.2	95.5	96.5	96.8	97.0	97.0	97.3	97.3	97.3	97.4	97.4	[illegible]	97.4	97.5	97.5	97.5
≥ 900	88.3	95.8	96.8	97.2	97.4	97.4	97.6	97.7	97.7	97.8	97.8	[illegible]	97.8	97.8	97.8	97.8
≥ 800	88.4	96.0	97.1	97.5	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 700	88.6	96.3	97.4	97.8	98.1	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	88.7	96.4	97.6	98.0	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 500	88.7	96.7	97.8	98.3	98.6	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 400	88.7	96.7	97.9	98.5	98.8	98.8	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	88.7	96.7	98.0	98.5	98.8	98.8	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	88.7	96.7	98.0	98.6	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	88.7	96.7	98.0	98.6	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	88.7	96.7	98.0	98.6	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2692

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	67.4	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 18000	67.6	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 16000	67.9	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	68.6	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
≥ 12000	70.8	75.2	75.5	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
≥ 10000	73.0	77.7	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 9000	73.7	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 8000	75.2	80.4	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 7000	76.2	81.6	81.9	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
≥ 6000	77.2	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
≥ 5000	78.6	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	85.5
≥ 4500	79.1	85.4	85.8	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
≥ 4000	80.7	87.4	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	81.9	88.9	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 3000	83.4	90.6	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 2500	84.4	92.0	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 2000	85.0	92.9	93.7	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
≥ 1800	85.2	93.1	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 1500	85.5	93.7	94.9	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 1200	85.8	94.2	95.4	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 1000	86.0	94.6	96.0	96.8	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 900	86.2	94.9	96.3	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 800	86.4	95.2	96.8	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1
≥ 700	86.5	95.5	97.1	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 600	86.6	95.6	97.3	98.1	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500	86.6	95.7	97.5	98.4	98.5	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 400	86.7	95.8	97.6	98.5	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	86.7	95.8	97.7	98.5	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 200	86.7	95.9	97.7	98.7	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	86.7	95.9	97.7	98.7	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	86.7	95.9	97.7	98.7	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2315

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	59.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	68.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	68.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	68.3	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	69.6	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	71.4	75.2	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 10000	73.7	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	74.2	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	75.2	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	76.5	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	77.5	82.3	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	79.2	84.7	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	79.7	85.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	81.1	87.3	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	81.7	88.4	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	82.8	89.5	90.1	90.5	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	83.5	91.1	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	84.0	92.0	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	84.4	92.5	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	84.7	92.8	93.6	94.2	94.4	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	85.1	93.5	94.4	95.1	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	85.4	93.8	94.8	95.4	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	85.8	94.4	95.5	96.2	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	85.9	94.6	95.8	96.6	96.8	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	86.1	94.9	96.1	96.8	97.1	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	86.1	95.0	96.4	97.1	97.5	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	86.1	95.4	96.9	97.8	98.1	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	86.1	95.5	97.1	98.0	98.4	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	86.2	95.6	97.2	98.2	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	86.3	95.8	97.4	98.4	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	86.3	95.8	97.4	98.4	99.0	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	86.3	95.8	97.4	98.4	99.0	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1925

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHE.. SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
≥ 20000	71.0	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5
≥ 18000	71.2	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 16000	71.6	75.6	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
≥ 14000	72.8	77.1	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 12000	75.3	79.7	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 10000	77.2	82.1	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 9000	77.8	82.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 8000	79.0	84.0	84.1	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 7000	79.7	84.9	85.0	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 6000	80.6	86.1	86.2	86.5	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 5000	81.8	88.0	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 4500	82.2	88.5	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 4000	83.0	89.7	89.9	90.4	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 3500	84.1	90.9	91.1	91.6	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 3000	84.9	92.2	92.4	93.1	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 2500	85.2	92.6	92.9	93.7	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 2000	85.6	93.4	93.8	94.5	94.8	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1800	85.7	93.6	94.0	94.7	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1500	85.8	94.2	9 .7	95.4	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1200	86.1	94.7	95. 2	96.1	96.4	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 1000	86.1	95.0	95.5	96.3	96.7	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 900	86.5	95.5	96.0	96.8	97.2	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 800	86.5	95.5	96.2	97.1	97.5	97.5	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	86.7	95.7	96.4	97.3	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 600	86.7	95.8	96.6	97.5	97.8	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	86.8	95.9	96.8	97.8	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 400	86.8	95.9	96.9	97.9	98.2	98.2	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 300	86.8	95.9	97.0	98.0	98.3	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 200	86.8	95.9	97.0	98.2	98.7	98.7	99.2	99.3	99.3	99.4	99.4	9 .4	99.6	99.6	99.7	99.8
≥ 100	86.8	95.9	97.0	98.2	98.7	98.7	99.2	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.9	100.0
≥ 0	86.8	95.9	97.0	98.2	98.7	98.7	99.2	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1744

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	56.5	60.6	60.9	61.1	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.7	61.8	61.9
≥ 20000	63.0	68.2	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.5	69.6	69.7
≥ 18000	63.2	68.4	68.8	69.0	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.7	69.8	69.9
≥ 16000	63.2	68.5	68.9	69.1	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.1
≥ 14000	64.8	70.3	70.7	71.0	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.8	71.9	72.0
≥ 12000	67.2	73.3	73.7	74.0	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.8	74.8	74.9	75.0
≥ 10000	69.8	76.2	76.7	76.9	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.9	78.0
≥ 9000	70.6	77.0	77.5	77.8	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.7	78.8	78.9	78.9
≥ 8000	72.2	79.1	79.6	79.9	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.9	81.0	81.1
≥ 7000	72.8	79.9	80.4	80.9	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.8	81.8	81.9	82.0
≥ 6000	73.7	81.0	81.6	82.0	82.5	82.6	82.7	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.1	83.2
≥ 5000	75.7	83.3	83.9	84.4	84.9	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.5	85.6
≥ 4500	76.0	83.8	84.4	84.9	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.9	85.9	86.0	86.1
≥ 4000	77.1	85.2	86.1	86.6	87.1	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.7	87.8
≥ 3500	77.6	85.9	86.8	87.3	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.4	88.5	88.6
≥ 3000	78.8	87.7	88.7	89.2	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.3	90.4
≥ 2500	79.3	88.6	89.8	90.3	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.4	91.5	91.6
≥ 2000	80.1	89.8	91.1	91.8	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.9	93.0	93.1
≥ 1800	80.3	90.0	91.4	92.1	92.7	92.8	92.9	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.4
≥ 1500	80.7	90.5	92.0	92.7	93.3	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.9	94.0
≥ 1200	80.8	91.0	92.4	93.2	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.5	94.6
≥ 1000	80.9	91.4	93.0	93.9	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.2	95.3	95.4	95.5
≥ 900	81.1	91.7	93.3	94.2	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.7	95.8
≥ 800	81.4	92.0	93.6	94.5	95.4	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.9	95.9	96.0	96.1
≥ 700	81.6	92.2	93.9	94.8	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.3	96.4
≥ 600	81.7	92.3	94.1	95.0	95.9	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.4	96.5	96.6	96.7
≥ 500	81.8	92.5	94.4	95.3	96.3	96.3	96.5	96.5	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.1
≥ 400	81.9	92.9	94.7	95.7	96.7	96.8	96.9	97.0	97.0	97.3	97.3	97.3	97.4	97.5	97.6	97.7
≥ 300	81.9	93.1	94.9	96.0	97.1	97.2	97.4	97.5	97.5	97.9	97.9	97.9	98.1	98.1	98.3	98.4
≥ 200	81.9	93.1	95.0	96.2	97.5	97.5	97.8	98.0	98.0	98.7	98.7	98.7	99.0	99.0	99.2	99.3
≥ 100	81.9	93.1	95.0	96.2	97.5	97.6	97.9	98.1	98.1	98.7	98.8	98.8	99.2	99.2	99.4	99.6
≥ 0	81.9	93.1	95.0	96.2	97.5	97.6	97.9	98.1	98.1	98.7	98.8	98.8	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2090

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.4	54.0	54.8	55.1	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
≥ 20000	59.6	62.8	63.7	64.1	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 18000	59.8	63.1	64.0	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0
≥ 16000	59.9	63.2	64.2	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
≥ 14000	61.4	64.9	65.9	66.3	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 12000	63.5	67.4	68.4	68.9	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 10000	66.9	71.3	72.4	72.8	73.1	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 9000	68.5	73.0	74.2	74.7	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 8000	70.4	75.1	76.4	77.0	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 7000	71.6	76.5	77.8	78.4	78.7	78.9	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 6000	72.5	77.6	78.9	79.5	79.8	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 5000	73.9	79.2	80.6	81.2	81.5	81.7	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 4500	74.2	79.5	80.9	81.5	81.8	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 4000	75.0	80.5	81.9	82.6	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5
≥ 3500	75.2	81.0	82.3	83.2	83.5	83.7	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 3000	76.0	82.1	83.6	84.3	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
≥ 2500	76.7	83.0	84.5	85.2	85.6	85.8	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 2000	77.7	84.2	85.8	86.6	87.1	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 1800	77.9	84.5	86.2	86.9	87.4	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0
≥ 1500	79.3	86.1	88.0	88.9	89.5	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.2
≥ 1200	80.0	87.2	89.2	90.2	90.9	91.1	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 1000	80.5	88.1	90.3	91.4	92.1	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 900	80.9	88.9	91.1	92.2	93.0	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 800	81.4	89.7	92.0	93.2	94.1	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 700	81.7	90.3	92.5	93.8	94.8	95.0	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 600	82.0	90.7	93.0	94.4	95.3	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1
≥ 500	82.2	91.0	93.5	95.1	96.1	96.4	96.6	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.2
≥ 400	82.3	91.3	93.8	95.6	96.7	97.1	97.4	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.1
≥ 300	82.4	91.6	94.1	96.0	97.2	97.6	98.0	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	99.0
≥ 200	82.4	91.7	94.1	96.1	97.4	97.7	98.3	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.4
≥ 100	82.4	91.7	94.1	96.1	97.4	97.7	98.3	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.5	99.8
0	82.4	91.7	94.1	96.1	97.4	97.7	98.3	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2611

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.8	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	63.7	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	63.9	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	64.4	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	65.9	68.0	68.3	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
≥ 12000	68.4	70.6	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	71.2
≥ 10000	71.0	73.3	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
≥ 9000	72.3	74.6	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
≥ 8000	73.9	76.4	77.1	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
≥ 7000	74.9	77.4	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
≥ 6000	75.6	78.2	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 5000	76.3	79.1	79.9	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
≥ 4500	77.0	79.8	80.7	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
	77.9	80.9	81.8	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
≥ 3500	78.5	81.7	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	80.6	83.8	84.7	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	82.4	85.8	86.8	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
≥ 2000	84.5	88.4	89.5	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
≥ 1800	85.2	89.3	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	86.9	91.4	92.5	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	88.0	92.9	94.1	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	88.8	94.1	95.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	89.0	94.5	95.9	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
≥ 800	89.3	95.0	96.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	89.5	95.3	96.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	89.8	95.7	97.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	89.9	95.9	97.5	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	90.0	96.2	97.9	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	90.0	96.2	97.9	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
≥ 200	90.1	96.3	98.0	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.1	96.3	98.0	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.1	96.3	98.0	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2765

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1 ½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.1	57.4	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≤ 20000	65.4	67.3	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	65.5	67.5	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	65.7	67.7	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	66.8	68.8	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	68.8	70.9	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	70.4	72.7	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	71.4	73.8	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	72.5	75.2	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	73.2	76.1	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	74.0	77.1	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	75.9	79.1	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	76.6	79.9	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	79.3	82.7	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	81.0	84.7	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	84.9	88.9	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	88.3	92.7	93.5	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	89.9	95.0	95.9	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
≥ 1800	90.2	95.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	91.1	96.3	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	91.6	97.0	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	91.7	97.3	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	91.9	97.5	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	91.9	97.5	98.8	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	92.0	97.6	98.9	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	92.0	97.6	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	92.0	97.8	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	92.1	97.8	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	92.2	97.9	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.2	97.9	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.2	97.9	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.2	97.9	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2765

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.0	61.1	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	71.1	72.8	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	71.2	73.0	73.3	73.6	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	71.3	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	72.5	74.4	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	73.8	75.8	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 10000	74.9	77.0	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	75.8	77.9	78.3	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
≥ 8000	77.2	79.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	77.7	80.1	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	79.1	81.6	82.2	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
≥ 5000	80.3	83.2	83.7	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
≥ 4500	81.5	84.4	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	84.6	87.8	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	86.9	90.2	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	90.0	93.7	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	91.7	95.6	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
≥ 2000	92.7	96.8	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	92.8	96.9	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	93.0	97.3	98.1	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
≥ 1200	93.2	97.6	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	93.3	97.8	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	93.3	97.8	98.6	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
≥ 800	93.3	97.8	98.6	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.4	97.8	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.4	97.8	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.4	97.9	98.7	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.4	97.9	98.7	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.4	97.9	98.7	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	93.4	97.9	98.7	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	93.4	97.9	98.7	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	93.4	97.9	98.7	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2712

USAF ETAC FORM NO. 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.3	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	76.0	78.3	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
≥ 18000	76.3	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	76.4	78.8	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
≥ 14000	77.8	80.5	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	80.4	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	82.0	85.1	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
≥ 9000	82.5	85.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	83.6	86.7	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
≥ 7000	84.4	87.5	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	85.4	88.8	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	86.4	90.0	90.6	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	87.0	90.6	91.2	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
≥ 4000	88.5	92.6	93.2	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
≥ 3500	89.5	93.7	94.4	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	90.7	95.3	96.0	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	91.3	96.0	96.7	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 2000	91.5	96.4	97.1	97.7	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1800	91.5	96.5	97.3	97.9	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	91.8	96.8	97.6	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	92.1	97.2	98.0	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000	92.1	97.4	98.3	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	92.1	97.5	98.3	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	92.2	97.6	98.5	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.2	97.6	98.5	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	92.2	97.7	98.6	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	92.2	97.7	98.6	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	92.2	97.7	98.6	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	92.2	97.7	98.6	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	92.2	97.7	98.6	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.2	97.7	98.6	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	92.2	97.7	98.6	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2366

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.8	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 20000	76.6	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 18000	77.0	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
≥ 16000	77.2	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	78.7	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 12000	80.8	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 10000	82.7	86.9	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 9000	83.0	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 8000	84.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	84.5	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 6000	85.5	90.5	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 5000	86.8	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 4500	87.0	92.3	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	88.0	93.5	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 3500	88.7	94.4	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 3000	89.3	95.5	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 2500	89.7	96.0	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 2000	90.2	96.8	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	90.3	97.0	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1500	90.5	97.2	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	90.6	97.4	98.1	98.5	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	90.7	97.6	98.4	98.7	98.8	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	90.7	97.7	98.5	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	90.8	97.8	98.7	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	90.8	97.8	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	90.9	97.9	98.8	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	90.9	98.0	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	90.9	98.0	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	90.9	98.0	98.9	99.3	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.9	98.0	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.9	98.0	98.9	99.3	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.9	98.0	98.9	99.3	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2026

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-63,66-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.6	76.1	76.3	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
≥ 20000	78.0	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	78.1	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	78.1	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	80.0	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	82.1	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	83.4	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	83.6	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	84.5	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	85.3	91.2	91.6	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
≥ 6000	86.3	92.4	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	87.1	93.2	93.6	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
≥ 4500	87.3	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	87.4	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	87.7	94.1	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	88.3	95.1	95.6	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
≥ 2500	88.6	95.8	96.3	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
≥ 2000	88.8	96.1	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	89.0	96.3	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	89.1	96.6	97.1	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
≥ 1200	89.1	96.9	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1000	89.2	97.0	97.5	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 900	89.2	97.2	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	89.2	97.4	97.9	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	89.3	97.5	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	89.3	97.6	98.1	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	89.6	97.8	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	89.6	97.9	98.6	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	89.6	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	89.6	98.3	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	89.6	98.3	98.9	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	89.6	98.3	98.9	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1801

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.1	67.7	68.3	69.7	69.0	69.0	69.1	69.2	69.2	69.4	69.6	69.6	69.6	69.6	69.7	69.7
≥ 20000	69.2	74.4	75.0	75.5	76.0	76.0	76.1	76.2	76.2	76.4	76.5	76.5	76.5	76.5	76.7	76.7
≥ 18000	69.4	74.6	75.2	75.7	76.2	76.2	76.3	76.4	76.4	76.6	76.8	76.8	76.8	76.8	76.9	77.0
≥ 16000	69.5	74.7	75.4	75.8	76.4	76.4	76.4	76.5	76.5	76.8	76.9	76.9	76.9	76.9	77.0	77.1
≥ 14000	70.8	76.0	76.8	77.2	77.7	77.7	77.8	77.9	77.9	78.2	78.3	78.3	78.3	78.3	78.4	78.5
≥ 12000	73.9	79.9	80.6	81.1	81.6	81.6	81.7	81.8	81.8	82.0	82.2	82.2	82.2	82.2	82.3	82.4
≥ 10000	77.0	83.4	84.2	84.6	85.1	85.1	85.2	85.3	85.3	85.6	85.7	85.7	85.8	85.8	85.9	86.0
≥ 9000	77.7	84.2	85.0	85.5	86.1	86.1	86.2	86.3	86.3	86.6	86.7	86.7	86.7	86.7	86.9	86.9
≥ 8000	78.9	85.9	86.7	87.2	87.7	87.7	87.8	87.9	87.9	88.2	88.3	88.3	88.4	88.4	88.5	88.5
≥ 7000	79.8	86.9	87.8	88.3	88.8	88.8	88.9	89.0	89.0	89.3	89.4	89.4	89.5	89.5	89.6	89.7
≥ 6000	80.6	87.9	88.8	89.4	89.9	89.9	90.1	90.2	90.2	90.4	90.6	90.6	90.6	90.6	90.8	90.8
≥ 5000	81.7	89.2	90.2	90.7	91.3	91.3	91.4	91.5	91.5	91.8	91.9	91.9	92.0	92.0	92.1	92.1
≥ 4500	82.0	89.7	90.6	91.2	91.7	91.7	91.9	92.0	92.0	92.2	92.4	92.4	92.4	92.4	92.6	92.6
≥ 4000	82.6	90.4	91.4	91.9	92.5	92.5	92.6	92.7	92.7	93.0	93.1	93.1	93.2	93.2	93.3	93.3
≥ 3500	82.6	90.7	91.6	92.2	92.7	92.7	92.9	93.0	93.0	93.3	93.4	93.4	93.4	93.4	93.6	93.6
≥ 3000	83.2	91.6	92.6	93.3	93.8	93.8	93.9	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.6	94.7
≥ 2500	83.6	92.1	93.2	93.9	94.4	94.4	94.5	94.6	94.6	94.9	95.1	95.1	95.1	95.1	95.2	95.3
≥ 2000	83.7	92.4	93.4	94.1	94.7	94.7	94.9	95.0	95.0	95.3	95.4	95.4	95.5	95.5	95.6	95.7
≥ 1800	83.7	92.4	93.5	94.1	94.7	94.8	95.0	95.1	95.1	95.3	95.5	95.5	95.5	95.5	95.7	95.7
≥ 1500	83.8	92.7	93.8	94.5	95.2	95.3	95.6	95.7	95.7	95.9	96.1	96.1	96.1	96.1	96.3	96.3
≥ 1200	84.0	93.3	94.5	95.2	95.9	96.0	96.3	96.4	96.4	96.6	96.8	96.8	96.8	96.8	97.0	97.0
≥ 1000	84.1	93.6	94.8	95.4	96.2	96.3	96.5	96.6	96.6	96.9	97.0	97.0	97.1	97.1	97.2	97.3
≥ 900	84.1	93.7	94.9	95.5	96.3	96.4	96.6	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.3	97.4
≥ 800	84.1	93.7	94.9	95.6	96.4	96.4	96.7	96.8	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.5
≥ 700	84.2	93.9	95.2	95.9	96.7	96.8	97.0	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.7	97.8
≥ 600	84.2	94.0	95.3	96.1	96.9	97.0	97.3	97.4	97.4	97.6	97.8	97.8	97.8	97.8	98.0	98.0
≥ 500	84.5	94.5	95.8	96.7	97.5	97.5	97.8	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.6	98.7
≥ 400	84.3	94.6	96.1	96.9	97.7	97.7	98.1	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.8	98.9
≥ 300	84.5	94.8	96.4	97.3	98.1	98.2	98.6	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.5
≥ 200	84.5	94.9	96.5	97.4	98.2	98.3	98.8	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.7	99.7
≥ 100	84.5	94.9	96.5	97.4	98.2	98.3	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.8	99.9
≥ 0	84.5	94.9	96.5	97.4	98.2	98.3	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2165

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS L S T

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.2	59.4	60.1	60.7	60.9	60.9	61.1	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	63.3	69.0	69.9	70.7	71.0	71.1	71.3	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.6
≥ 18000	63.5	69.2	70.1	70.9	71.2	71.3	71.5	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.8	71.8
≥ 16000	63.8	69.5	70.4	71.2	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.1
≥ 14000	65.4	71.0	72.0	72.8	73.1	73.2	73.3	73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.7
≥ 12000	68.4	74.8	75.9	76.7	77.1	77.1	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.7
≥ 10000	72.6	79.3	80.5	81.4	81.7	81.7	82.0	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3
≥ 9000	73.5	80.5	81.7	82.6	82.9	82.9	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.5	83.6
≥ 8000	76.0	83.4	85.0	85.9	86.3	86.3	86.5	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.9
≥ 7000	77.2	84.7	86.2	87.1	87.5	87.5	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.1
≥ 6000	78.3	86.0	87.6	88.6	89.0	89.1	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.6	89.7
≥ 5000	79.3	87.1	88.9	89.9	90.4	90.5	90.7	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.1
≥ 4500	79.4	87.3	89.1	90.1	90.6	90.7	90.9	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.3
≥ 4000	80.2	88.2	90.1	91.2	91.7	91.8	92.0	92.0	92.0	92.2	92.3	92.3	92.3	92.3	92.4	92.4
≥ 3500	80.3	88.5	90.4	91.5	92.0	92.1	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.8
≥ 3000	80.6	89.0	91.1	92.2	92.8	92.9	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.6
≥ 2500	81.0	89.6	91.8	93.0	93.6	93.7	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.4
≥ 2000	81.2	89.9	92.1	93.4	94.0	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.8
≥ 1800	81.2	89.9	92.1	93.5	94.0	94.1	94.4	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.8
≥ 1500	81.6	90.5	92.8	94.2	94.7	94.8	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.6
≥ 1200	81.7	91.0	93.3	94.9	95.4	95.5	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.3
≥ 1000	82.0	91.3	93.7	95.3	95.8	95.9	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.8
≥ 900	82.2	91.7	94.1	95.7	96.3	96.3	96.7	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.2
≥ 800	82.3	91.9	94.3	95.9	96.5	96.6	96.9	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.4	97.4
≥ 700	82.4	92.1	94.6	96.2	96.7	96.8	97.2	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.7	97.7
≥ 600	82.4	92.3	94.8	96.5	97.1	97.1	97.6	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 500	82.5	92.6	95.2	96.9	97.5	97.6	98.1	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.7
≥ 400	82.6	92.9	95.4	97.3	97.9	98.0	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 300	82.7	93.2	95.7	97.6	98.3	98.4	98.9	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 200	82.7	93.3	95.8	97.7	98.4	98.5	99.1	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	82.7	93.3	95.8	97.7	98.4	98.5	99.1	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.8	100.0
0	82.7	93.3	95.8	97.7	98.4	98.5	99.1	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2645

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.1	63.5	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	70.7	72.9	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	71.1	73.3	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	71.6	73.9	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	73.0	75.5	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	76.4	79.2	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	79.6	82.7	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	80.6	83.8	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	82.3	85.5	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 7000	83.1	86.4	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	83.5	87.1	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	84.5	88.4	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	84.7	88.6	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 4000	85.4	89.4	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 3500	85.9	90.0	90.9	91.0	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	86.3	90.9	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	87.3	91.8	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 2000	88.2	93.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1800	88.4	93.4	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1500	89.1	94.5	95.6	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
≥ 1200	89.5	95.2	96.3	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	89.9	95.7	96.9	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	90.0	96.1	97.2	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	90.2	96.3	97.7	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	90.3	96.7	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	90.4	97.0	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	90.6	97.4	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	90.6	97.5	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	90.6	97.5	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	90.7	97.6	98.9	99.3	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	90.7	97.6	98.9	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.7	97.6	98.9	99.3	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 2813

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.6	60.0	60.0	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
≥ 20000	69.5	70.3	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
≥ 18000	69.6	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	70.1	70.9	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	71.5	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	74.4	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	77.2	78.4	78.6	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
≥ 9000	78.0	79.3	79.5	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
≥ 8000	79.5	80.8	81.1	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
≥ 7000	80.3	81.9	82.2	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
≥ 6000	81.6	83.6	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	83.5	86.0	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	84.4	87.0	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	86.4	89.4	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	88.0	91.2	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	89.8	93.3	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	91.4	95.1	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	92.3	96.3	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	92.5	96.6	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	93.1	97.6	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	93.2	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	93.4	98.1	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	93.5	98.2	98.9	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
≥ 800	93.6	98.3	99.0	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
≥ 700	93.7	98.4	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	93.7	98.4	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	93.7	98.6	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	93.7	98.6	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.7	98.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.7	98.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.7	98.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.7	98.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2814

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	60.7	61.3	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	72.0	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	72.1	73.3	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	73.8
≥ 16000	72.5	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	74.3	75.5	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	76.0
≥ 12000	77.5	79.2	79.6	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
≥ 10000	79.2	81.2	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
≥ 9000	80.1	82.1	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
≥ 8000	80.8	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	81.9	84.2	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
≥ 6000	83.9	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	86.4	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	87.0	89.9	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
≥ 4000	89.1	92.3	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	93.0
≥ 3500	90.4	93.6	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	92.3	95.8	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	93.4	97.1	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
≥ 2000	93.8	97.7	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	93.9	97.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	94.1	98.1	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	94.2	98.2	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	94.2	98.3	98.9	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
≥ 900	94.3	98.4	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	94.4	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	94.4	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	94.4	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	94.4	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.5	98.7	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	94.5	98.7	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.5	98.7	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.5	98.7	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.5	98.7	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2771

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.3	68.6	68.6	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	79.8	81.7	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	79.9	81.8	81.9	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
≥ 16000	80.2	82.1	82.1	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	81.9	84.0	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	85.1	87.6	87.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 10000	86.6	89.2	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	86.7	89.4	89.5	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	87.7	90.5	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	88.5	91.6	91.7	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
≥ 6000	89.3	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	90.2	93.8	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	90.7	94.4	94.7	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	91.6	95.5	95.8	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	92.0	95.9	96.2	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	92.4	96.5	96.8	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 2500	92.8	97.0	97.4	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	92.8	97.2	97.7	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1800	92.9	97.3	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1500	93.0	97.6	98.1	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	93.1	97.7	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1000	93.1	97.8	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 900	93.1	97.9	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 800	93.1	97.9	98.6	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	93.1	97.9	98.6	98.8	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 600	93.1	97.9	98.6	98.8	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 500	93.1	97.9	98.6	98.9	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 400	93.1	98.0	98.7	98.9	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 300	93.1	98.1	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.8
≥ 200	93.1	98.1	98.8	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9
≥ 100	93.1	98.1	98.8	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0	93.1	98.1	98.8	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2419

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.1	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	81.1	84.7	84.7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	81.2	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	81.4	85.1	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	82.7	86.5	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 12000	85.3	89.2	89.2	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
≥ 10000	87.0	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	87.2	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	87.9	92.3	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	88.3	92.7	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	89.3	93.8	93.9	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
≥ 5000	89.9	94.8	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	90.1	95.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	90.6	95.8	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	91.0	96.4	96.5	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	91.6	97.3	97.5	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
≥ 2500	91.9	97.8	98.0	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
≥ 2000	92.0	98.0	98.2	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
≥ 1800	92.0	98.0	98.2	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
≥ 1500	92.0	98.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	92.1	98.2	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	92.1	98.2	98.6	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	92.1	98.2	98.6	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	92.2	98.4	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.2	98.5	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.2	98.5	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	92.2	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	92.2	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.2	98.6	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.2	98.6	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.2	98.6	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.2	98.6	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2078

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-63,65,72-75 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.1	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 20000	77.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 18000	77.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥ 16000	77.8	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	81.1	81.2
≥ 14000	79.9	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	81.8	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 10000	84.4	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	85.3	89.3	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 8000	86.5	90.6	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 7000	87.6	92.1	92.1	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	88.2	92.8	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 5000	88.5	93.7	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 4500	88.8	94.0	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 4000	89.4	94.8	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	89.4	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 3000	89.9	95.6	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 2500	90.1	95.8	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 2000	90.2	96.2	96.6	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1800	90.4	96.5	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 1500	90.6	96.7	97.1	97.4	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 1200	90.8	97.1	97.5	97.9	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	90.9	97.2	97.6	97.9	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	90.9	97.2	97.6	97.9	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	90.9	97.2	97.6	97.9	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	90.9	97.3	97.7	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	91.0	97.5	97.9	98.2	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 500	91.0	97.6	98.0	98.4	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 400	91.0	97.7	98.1	98.7	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 300	91.0	97.7	98.1	98.7	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	91.0	97.8	98.3	98.9	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	91.0	97.8	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	91.0	97.8	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1780

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.7	70.8	71.1	71.3	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9
≥ 20000	70.1	74.6	75.1	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	76.0
≥ 18000	70.2	74.7	75.2	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0
≥ 16000	70.9	75.4	75.9	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7
≥ 14000	72.8	77.6	78.1	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 12000	76.2	81.3	81.8	82.0	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.6
≥ 10000	79.1	84.5	85.1	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9
≥ 9000	80.1	85.5	86.1	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9
≥ 8000	81.1	86.9	87.4	87.7	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.3
≥ 7000	82.4	88.4	89.0	89.2	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.9
≥ 6000	82.8	89.0	89.6	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.5
≥ 5000	84.2	90.5	91.1	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.1
≥ 4500	84.5	90.9	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5
≥ 4000	85.3	92.0	92.6	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6
≥ 3500	85.7	92.4	93.1	93.4	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.2
≥ 3000	86.3	93.3	94.0	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.1
≥ 2500	86.5	93.5	94.2	94.5	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.3	95.3
≥ 2000	86.8	94.0	94.7	95.1	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.0
≥ 1800	86.9	94.1	94.8	95.2	95.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.1	96.1
≥ 1500	87.2	94.4	95.1	95.5	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.4
≥ 1200	87.4	94.9	95.7	96.1	96.5	96.5	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.1
≥ 1000	87.7	95.2	96.1	96.5	96.9	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.5	97.5
≥ 900	87.7	95.4	96.3	96.7	97.1	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.7
≥ 800	87.8	95.5	96.4	96.8	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8
≥ 700	87.9	95.7	96.6	97.1	97.5	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.2
≥ 600	87.9	95.8	96.7	97.2	97.6	97.6	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.3
≥ 500	87.9	95.9	96.9	97.5	98.0	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.7
≥ 400	88.0	96.0	97.1	97.8	98.4	98.4	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 300	88.0	96.0	97.2	98.0	98.6	98.6	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 200	88.0	96.0	97.2	98.0	98.7	98.7	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.6
≥ 100	88.0	96.0	97.2	98.2	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.8
0	88.0	96.0	97.2	98.2	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 2204

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.8	59.7	60.9	61.7	62.1	62.2	62.3	62.4	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.8
≥ 20000	60.8	66.4	67.7	68.5	68.9	69.0	69.2	69.3	69.3	69.4	69.5	69.5	69.6	69.6	69.7	69.7
≥ 18000	60.9	66.5	67.8	68.6	69.0	69.1	69.3	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.8	69.8
≥ 16000	61.4	66.9	68.2	69.1	69.5	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.3	70.3	70.3	70.3
≥ 14000	62.3	68.0	69.4	70.3	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.5
≥ 12000	65.4	72.1	73.5	74.4	74.8	75.0	75.1	75.2	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6
≥ 10000	70.0	77.4	78.9	79.9	80.3	80.4	80.6	80.7	80.8	81.0	81.0	81.0	81.2	81.2	81.2	81.3
≥ 9000	71.1	78.8	80.4	81.4	81.8	81.9	82.1	82.2	82.3	82.5	82.5	82.5	82.6	82.6	82.7	82.8
≥ 8000	72.8	81.0	82.6	83.7	84.1	84.2	84.4	84.5	84.6	84.8	84.8	84.8	84.9	84.9	85.0	85.1
≥ 7000	74.3	82.7	84.5	85.6	86.0	86.1	86.3	86.4	86.5	86.7	86.8	86.8	86.9	86.9	86.9	87.0
≥ 6000	75.3	84.0	85.7	86.8	87.3	87.4	87.6	87.7	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.3
≥ 5000	76.4	85.4	87.2	88.3	88.8	88.9	89.1	89.2	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.8
≥ 4500	77.0	86.1	87.9	89.1	89.6	89.8	90.0	90.1	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.7
≥ 4000	77.3	86.5	88.4	89.8	90.4	90.6	90.8	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.5
≥ 3500	77.8	87.1	89.1	90.4	91.1	91.3	91.5	91.6	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.2
≥ 3000	78.3	88.1	90.1	91.5	92.3	92.4	92.7	92.8	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.4
≥ 2500	78.9	88.7	90.7	92.1	92.9	93.0	93.3	93.4	93.4	93.7	93.7	93.7	93.8	93.8	93.9	93.9
≥ 2000	79.3	89.1	91.2	92.7	93.5	93.7	93.9	94.1	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.6
≥ 1800	79.4	89.2	91.3	92.8	93.7	93.8	94.1	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.7	94.8
≥ 1500	79.7	89.7	91.8	93.3	94.1	94.2	94.5	94.6	94.7	94.9	95.0	95.0	95.1	95.1	95.2	95.2
≥ 1200	79.9	90.0	92.1	93.5	94.6	94.7	95.0	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7
≥ 1000	80.2	90.4	92.5	94.2	95.0	95.2	95.5	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.2
≥ 900	80.3	90.6	92.6	94.3	95.3	95.4	95.8	95.9	96.0	96.2	96.2	96.2	96.4	96.4	96.4	96.5
≥ 800	80.7	91.0	93.2	94.9	95.9	96.0	96.4	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1
≥ 700	80.9	91.3	93.5	95.3	96.3	96.4	96.8	96.9	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.5
≥ 600	81.0	91.6	93.8	95.7	96.8	96.9	97.3	97.5	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1
≥ 500	81.2	91.7	93.9	96.1	97.2	97.4	97.8	97.9	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 400	81.3	91.8	94.1	96.3	97.6	97.8	98.3	98.4	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.1
≥ 300	81.3	91.9	94.2	96.4	97.9	98.1	98.6	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5
≥ 200	81.3	91.9	94.2	96.4	98.0	98.3	98.7	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.7	99.8
≥ 100	81.3	91.9	94.2	96.4	98.1	98.3	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.8	99.8	100.0
≥ 0	81.3	91.9	94.2	96.4	98.1	98.3	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2743

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.7	64.2	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	68.0	70.9	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	68.6	71.7	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	69.0	72.1	72.5	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	70.4	73.7	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	73.2	77.0	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	77.5	81.7	82.1	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	78.8	83.1	83.6	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	80.4	84.9	85.6	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
≥ 7000	81.4	86.1	86.8	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
≥ 6000	82.7	87.6	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	83.2	88.2	88.9	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	83.4	88.6	89.3	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
≥ 4000	84.1	89.4	90.1	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	84.4	89.8	90.5	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
≥ 3000	85.0	90.6	91.3	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	85.5	91.2	92.0	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	86.2	92.2	93.0	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	86.4	92.5	93.3	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	87.1	93.5	94.3	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	87.5	94.2	95.0	95.8	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	87.9	94.9	95.7	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	88.2	95.3	96.1	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	88.4	95.7	96.4	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	88.6	96.0	97.0	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	88.8	96.2	97.3	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	88.9	96.4	97.5	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	89.0	96.4	97.5	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	89.0	96.5	97.6	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	89.0	96.5	97.6	99.1	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.0	96.5	97.6	99.1	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.0	96.5	97.6	99.1	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2929

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.3	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	68.0	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	68.7	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	69.2	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	70.8	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 12000	74.0	76.1	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
≥ 10000	76.8	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	77.9	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	79.4	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	80.7	83.6	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
≥ 6000	82.1	85.2	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
≥ 5000	83.9	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	84.5	87.7	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	86.1	89.4	89.7	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
3500	87.2	90.6	90.9	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
– 3000	88.7	92.3	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	89.5	93.3	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	90.8	95.1	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	91.1	95.5	95.9	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
≥ 1500	91.6	96.5	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	92.1	97.0	97.4	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
≥ 1000	92.4	97.7	98.2	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
≥ 900	92.4	97.8	98.3	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
≥ 800	92.5	98.0	98.4	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
≥ 700	92.6	98.1	98.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.6	98.1	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.6	98.1	98.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	92.6	98.1	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.6	98.1	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	98.1	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	98.1	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	98.1	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2428

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.2	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	74.0	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	74.6	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	75.0	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	76.7	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	79.1	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	81.3	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	82.2	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	83.7	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 7000	85.1	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	86.9	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	88.6	91.6	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	89.2	92.1	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	90.5	93.6	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	91.2	94.3	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	92.2	95.5	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	92.7	96.2	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	93.3	97.0	97.6	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1800	93.4	97.2	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1500	93.5	97.3	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1200	93.6	97.5	98.0	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000	93.8	97.7	98.4	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	93.9	97.8	98.4	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	93.9	97.8	98.4	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700	93.9	97.9	98.5	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 600	93.9	98.0	98.6	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	94.0	98.0	98.7	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	94.0	98.1	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	94.0	98.1	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	94.0	98.1	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	94.0	98.1	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	94.0	98.1	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2864

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1 ½	≥1 ¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.6	72.9	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	80.2	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	80.6	83.1	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 16000	80.9	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	82.2	84.8	85.1	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
≥ 12000	84.2	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	86.1	89.5	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	86.8	90.2	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 8000	87.8	91.4	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	88.5	92.3	92.8	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
≥ 6000	89.6	93.6	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	90.9	95.2	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	91.1	95.4	95.9	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 4000	91.6	96.2	96.6	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	92.0	96.6	97.0	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	92.4	97.0	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 2500	92.6	97.3	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2000	92.6	97.6	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	92.6	97.6	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	92.8	97.8	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	92.9	97.9	98.5	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000	92.9	97.9	98.5	99.0	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900	92.9	97.9	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.9	97.9	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	92.9	98.0	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	92.9	98.0	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	93.0	98.1	98.8	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	93.0	98.1	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	93.0	98.1	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.0	98.1	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.0	98.1	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	93.0	98.1	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2470

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.7	78.1	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
≥ 20000	81.6	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 18000	81.9	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000	82.3	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	83.5	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 12000	85.2	88.1	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	87.8	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	88.2	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	89.3	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	90.1	93.4	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
≥ 6000	91.0	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	91.6	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	91.7	95.5	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	92.5	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	92.8	96.7	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
≥ 3000	92.9	97.2	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
≥ 2500	93.2	97.7	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	93.3	98.0	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
≥ 1800	93.5	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
≥ 1500	93.6	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	93.7	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	93.7	98.6	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	93.7	98.6	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	93.7	98.6	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	93.7	98.6	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	93.7	98.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	93.8	98.7	99.0	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
≥ 400	93.8	98.8	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.9	98.8	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.9	98.8	99.2	99.5	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	93.9	98.8	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.9	98.8	99.2	99.5	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 2071

USAF ETAC FORM 0L-04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-60,63,72-75 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.3	73.9	74.2	74.2	74.3	74.3	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000	76.7	78.5	78.7	78.8	78.9	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	76.8	78.6	78.7	78.8	78.9	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 16000	76.9	78.7	78.8	78.9	79.1	79.1	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	77.7	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 12000	80.4	82.4	82.5	82.7	82.8	82.8	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 10000	81.6	83.7	83.8	83.9	84.1	84.1	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000	82.3	84.6	84.7	84.9	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	83.2	85.5	85.8	86.1	86.3	86.3	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	83.6	86.1	86.3	86.7	86.9	86.9	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	84.2	87.1	87.4	87.7	87.9	87.9	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	84.9	88.2	88.4	88.8	89.0	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 4500	85.3	88.8	89.1	89.5	89.7	89.7	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 4000	85.9	89.6	89.9	90.3	90.4	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 3500	86.4	90.2	90.5	91.0	91.1	91.1	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 3000	86.9	91.0	91.3	91.8	92.0	92.0	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	87.4	91.8	92.2	92.7	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	87.8	92.5	92.9	93.6	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1800	87.9	92.5	93.0	93.6	93.8	93.8	94.0	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	88.0	92.8	93.4	94.0	94.2	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 1200	88.4	93.3	93.9	94.6	94.9	94.9	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1000	88.6	93.6	94.3	95.0	95.3	95.3	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 900	88.8	93.9	94.5	95.3	95.6	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 800	89.1	94.4	95.0	95.8	96.1	96.1	96.4	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.8
≥ 700	89.1	94.5	95.2	96.0	96.3	96.3	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	89.2	95.2	95.9	96.7	97.0	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 500	89.2	95.3	96.0	96.9	97.2	97.2	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	89.2	95.5	96.3	97.3	97.8	97.8	98.1	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	89.3	95.8	96.7	97.7	98.3	98.4	98.8	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
	89.4	95.8	96.8	97.8	98.3	98.5	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5
	89.4	95.8	96.8	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8
	89.4	95.8	96.8	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1757

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.1	68.5	68.9	69.2	69.2	69.2	69.3	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.3	70.2
≥ 20000	69.0	71.6	72.0	72.3	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.9	72.9	73.0	73.3
≥ 18000	69.0	71.6	72.0	72.3	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.9	72.9	73.0	73.3
≥ 16000	69.0	71.6	72.0	72.3	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.9	72.9	73.0	73.3
≥ 14000	69.7	72.3	72.7	73.1	73.1	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.7	73.7	73.7	74.1
≥ 12000	72.6	75.3	75.7	76.1	76.2	76.3	76.5	76.6	76.6	76.7	76.8	76.8	77.0	77.0	77.0	77.3
≥ 10000	73.9	76.7	77.1	77.5	77.6	77.7	77.9	78.0	78.0	78.1	78.2	78.2	78.4	78.4	78.4	78.8
≥ 9000	74.6	77.6	78.0	78.4	78.5	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.3	79.3	79.3	79.7
≥ 8000	75.9	79.1	79.5	79.8	80.0	80.0	80.2	80.3	80.3	80.5	80.5	80.5	80.7	80.7	80.7	81.1
≥ 7000	77.0	80.3	80.7	81.1	81.2	81.2	81.5	81.6	81.6	81.7	81.8	81.8	82.0	82.0	82.0	82.4
≥ 6000	78.2	81.9	82.6	82.9	83.0	83.1	83.3	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.8	84.2
≥ 5000	79.5	83.4	84.2	84.6	84.7	84.8	85.0	85.1	85.1	85.2	85.3	85.3	85.5	85.5	85.5	85.9
≥ 4500	79.3	83.9	84.6	85.1	85.2	85.3	85.5	85.6	85.6	85.7	85.8	85.8	85.9	85.9	86.0	86.4
≥ 4000	80.5	84.7	85.4	85.9	86.0	86.1	86.3	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.9	87.3
≥ 3500	80.7	85.0	85.8	86.2	86.4	86.5	86.7	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.6
≥ 3000	81.4	86.1	87.0	87.6	87.8	87.9	88.1	88.2	88.2	88.4	88.4	88.4	88.6	88.6	88.7	89.0
≥ 2500	81.8	86.6	87.4	88.1	88.2	88.3	88.5	88.7	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.5
≥ 2000	82.7	87.7	88.7	89.3	89.5	89.6	89.7	89.9	89.9	90.1	90.1	90.1	90.3	90.3	90.4	90.7
≥ 1800	83.0	88.1	89.0	89.7	89.9	90.0	90.2	90.3	90.3	90.5	90.5	90.5	90.7	90.7	90.8	91.1
≥ 1500	83.3	88.7	89.7	90.5	90.7	90.8	91.0	91.2	91.2	91.5	91.5	91.5	91.7	91.7	91.8	92.1
≥ 1200	83.9	89.5	90.6	91.4	91.6	91.7	91.9	92.1	92.1	92.4	92.5	92.5	92.6	92.6	92.7	93.1
≥ 1000	84.2	90.1	91.3	92.2	92.5	92.6	92.8	93.0	93.0	93.3	93.3	93.3	93.5	93.5	93.5	93.9
≥ 900	84.3	90.3	91.5	92.4	92.7	92.8	93.0	93.2	93.2	93.5	93.5	93.5	93.7	93.7	93.8	94.1
≥ 800	84.3	90.6	91.9	92.8	93.2	93.3	93.5	93.7	93.7	94.0	94.0	94.0	94.2	94.2	94.2	94.6
≥ 700	84.4	91.1	92.3	93.3	93.7	93.8	94.0	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.8	95.1
≥ 600	84.5	91.5	92.8	93.8	94.2	94.3	94.6	94.8	94.8	95.0	95.1	95.1	95.3	95.3	95.3	95.7
≥ 500	84.5	91.7	93.1	94.1	94.6	94.7	94.9	95.1	95.1	95.4	95.5	95.5	95.7	95.7	95.7	96.1
≥ 400	84.6	91.9	93.3	94.8	95.5	95.6	96.0	96.2	96.2	96.4	96.5	96.5	96.7	96.7	96.8	97.1
≥ 300	84.6	92.0	93.5	95.2	96.0	96.2	96.6	96.8	96.8	97.1	97.2	97.2	97.5	97.5	97.5	97.9
≥ 200	84.6	92.0	93.6	95.3	96.3	96.4	97.0	97.3	97.3	97.7	97.9	97.9	98.1	98.1	98.2	98.9
≥ 100	84.6	92.1	93.6	95.3	96.3	96.5	97.2	97.6	97.7	98.1	98.3	98.3	98.5	98.5	98.9	99.7
≥ 0	84.6	92.1	93.6	95.3	96.3	96.5	97.2	97.6	97.7	98.1	98.3	98.3	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2135

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.5	56.9	58.0	58.6	59.0	59.0	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.7
≥ 20,00	57.1	61.1	62.4	63.2	63.6	63.6	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.3
≥ 18000	57.3	61.3	62.6	63.4	63.8	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.5
≥ 16000	57.5	61.5	62.8	63.6	64.0	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.7
≥ 14000	58.8	63.0	64.3	65.1	65.5	65.5	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.2
≥ 12000	62.0	66.6	68.0	68.8	69.2	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.9
≥ 10000	64.5	69.5	71.0	71.8	72.3	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.1
≥ 9000	65.2	70.4	71.9	72.8	73.2	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.9	74.1
≥ 8000	67.5	72.8	74.3	75.2	75.6	75.7	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.5
≥ 7000	68.3	74.0	75.6	76.5	77.0	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.9
≥ 6000	69.6	75.5	77.1	78.2	78.7	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.5
≥ 5000	70.6	76.8	78.7	79.9	80.3	80.4	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.2
≥ 4500	70.8	77.2	79.2	80.4	80.9	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.8
≥ 4000	71.6	78.1	80.2	81.6	82.1	82.2	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	83.0
≥ 3500	71.9	78.6	80.7	82.2	82.7	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.6
≥ 3000	72.4	79.5	81.6	83.1	83.7	83.8	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.7
≥ 2500	73.1	80.4	82.7	84.2	84.8	84.9	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.8
≥ 2000	73.9	81.3	83.7	85.2	85.8	86.0	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.8	87.0
≥ 1800	74.1	81.5	83.9	85.4	86.1	86.2	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.3
≥ 1500	74.5	82.2	84.6	86.1	86.9	87.0	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.3
≥ 1200	75.3	83.2	85.7	87.3	88.1	88.2	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.4
≥ 1000	75.8	84.1	86.8	88.4	89.3	89.4	89.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.8
≥ 900	76.1	84.5	87.2	88.9	89.7	89.9	90.4	90.7	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.3
≥ 800	76.4	85.1	88.0	89.8	90.6	90.7	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.9	92.1
≥ 700	76.6	85.7	88.7	90.5	91.4	91.6	92.1	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	93.1
≥ 600	76.7	86.0	89.0	90.9	91.9	92.1	92.8	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.6	93.8
≥ 500	76.8	86.4	89.4	91.4	92.6	92.8	93.6	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.6	94.8
≥ 400	76.8	86.6	89.8	91.9	93.5	93.7	94.6	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.9	96.2
≥ 300	76.8	86.8	90.0	92.4	94.1	94.3	95.3	96.0	96.4	96.7	96.8	96.8	96.8	96.8	97.0	97.4
≥ 200	76.8	86.8	90.1	92.5	94.4	94.6	95.6	96.5	96.9	97.3	97.4	97.4	97.6	97.6	98.0	98.5
≥ 100	76.8	86.8	90.1	92.6	94.4	94.6	95.7	96.6	97.0	97.5	97.7	97.7	98.1	98.2	98.6	99.5
≥ 0	76.8	86.8	90.1	92.6	94.4	94.6	95.7	96.6	97.0	97.6	97.8	97.8	98.2	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2606

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.8	58.4	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	62.1	64.3	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	62.4	64.7	64.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	62.5	64.8	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	63.8	66.2	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	66.6	69.2	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	69.1	71.9	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
≥ 9000	70.1	73.0	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	71.6	75.0	75.4	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
≥ 7000	72.1	75.7	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	73.0	76.6	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	73.8	77.8	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
≥ 4500	74.2	78.2	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	74.9	79.1	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 3500	75.3	79.5	80.3	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	76.3	80.8	81.5	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 2500	77.2	82.0	82.8	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 2000	78.1	83.1	83.9	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 1800	78.7	83.7	84.6	85.0	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	80.1	85.4	86.4	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	81.3	86.9	87.9	88.5	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 1000	82.3	88.8	89.8	90.6	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 900	82.7	89.3	90.5	91.4	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 800	83.1	90.2	91.4	92.4	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	83.4	91.1	92.4	93.5	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	82.5	91.5	93.0	94.1	94.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	83.8	92.2	94.0	95.4	96.2	96.3	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	83.8	92.4	94.3	96.1	97.2	97.3	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 300	83.9	92.6	94.7	96.7	97.8	97.9	98.2	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	83.9	92.7	94.7	96.8	97.9	98.0	98.3	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 100	83.9	92.7	94.7	96.8	97.9	98.0	98.3	98.9	99.2	99.4	99.5	99.5	99.8	99.8	100.0	100.0
0	83.9	92.7	94.7	96.8	97.9	98.0	98.3	98.9	99.2	99.4	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2778

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.7	60.3	60.6	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	64.6	66.4	66.7	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	65.1	66.9	67.2	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	65.1	67.0	67.3	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	66.6	68.4	68.7	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	69.0	70.9	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	71.0	73.2	73.5	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	72.3	74.4	74.8	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	73.5	76.0	76.4	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	74.6	77.1	77.4	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	75.7	78.2	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 5000	76.9	79.7	80.1	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	77.6	80.5	81.0	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	78.7	81.9	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	79.7	82.9	83.4	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	81.4	84.9	85.4	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	82.8	86.6	87.2	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 2000	84.3	88.4	89.1	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	84.8	89.0	89.8	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	85.8	90.5	91.3	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 1200	87.0	92.1	93.0	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	87.6	93.2	94.2	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 900	87.9	93.7	94.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 800	88.2	94.2	95.2	96.2	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	88.4	94.6	95.8	97.0	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	88.6	94.9	96.2	97.5	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 500	88.7	95.1	96.5	97.8	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	88.7	95.3	96.7	98.1	98.7	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	88.7	95.4	96.8	98.2	98.9	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	88.7	95.4	96.8	98.3	99.0	99.0	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.7	95.4	96.8	98.3	99.0	99.0	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	88.7	95.4	96.8	98.3	99.0	99.0	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2790

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.3	64.1	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	70.1	72.0	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	70.5	72.3	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 16000	70.8	72.7	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000	71.9	73.8	74.3	74.5	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	74.3	76.3	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 10000	76.3	78.5	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	77.1	79.5	80.1	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
≥ 8000	78.6	81.0	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	79.0	81.5	82.0	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
≥ 6000	79.8	82.4	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	81.1	84.0	84.5	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	81.5	84.5	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	82.7	85.9	86.6	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
≥ 3500	83.7	87.0	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	85.2	88.8	89.6	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	86.1	90.0	90.9	91.3	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	87.4	91.6	92.6	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	87.8	92.0	93.0	93.5	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	88.2	92.7	93.8	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 1200	89.1	94.1	95.2	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 1000	89.5	94.7	95.8	96.4	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	89.6	94.9	96.0	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	89.7	95.1	96.3	97.1	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 700	89.8	95.3	96.6	97.4	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 600	89.9	95.5	96.9	97.8	98.2	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500	90.0	95.7	97.1	98.2	98.7	98.7	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	90.1	95.8	97.3	98.4	98.9	98.9	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	90.1	95.8	97.4	98.5	99.0	99.0	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	90.1	95.8	97.4	98.5	99.1	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	90.1	95.8	97.4	98.5	99.1	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	90.1	95.8	97.4	98.5	99.1	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2729

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.4	69.7	69.9	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	74.4	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≤ 18000	74.7	77.5	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 16000	75.1	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	75.9	78.7	79.0	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
≥ 12000	78.3	81.2	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
≥ 10000	80.5	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 9000	81.0	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
≥ 8000	81.8	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 7000	82.7	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	83.6	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
≥ 5000	84.9	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	85.3	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 4000	86.2	89.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 3500	86.9	90.7	91.2	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
≥ 3000	88.1	92.0	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	88.9	93.2	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 2000	89.2	94.0	94.8	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	89.4	94.5	95.3	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	89.7	95.2	96.0	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	90.0	95.5	96.4	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	90.1	95.7	96.6	97.0	97.1	97.2	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	90.1	95.8	96.7	97.2	97.2	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	90.2	96.0	96.9	97.4	97.5	97.6	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	90.2	96.1	97.2	97.7	97.8	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	90.3	96.1	97.3	97.8	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	90.3	96.3	97.5	98.0	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	90.4	96.7	97.9	98.5	98.7	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	90.4	96.8	98.1	98.7	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	90.4	96.8	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	90.4	96.8	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	90.4	96.8	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2959

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.3	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	78.5	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	78.8	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
≥ 16000	78.9	81.5	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	79.6	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	81.6	84.4	84.5	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
≥ 10000	82.7	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	83.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	84.0	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	84.8	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	85.9	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	86.8	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	87.0	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	87.4	91.4	91.6	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	87.8	91.9	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	88.3	92.6	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	89.3	93.8	94.2	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	89.7	95.0	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	89.7	95.1	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	89.8	95.3	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	89.8	95.6	96.2	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
≥ 1000	90.0	95.8	96.5	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
≥ 900	90.1	96.0	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	90.1	96.2	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	90.2	96.3	97.0	97.3	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	90.6	96.7	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	90.6	97.0	97.7	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	90.6	97.2	98.1	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	90.6	97.5	98.4	99.0	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	90.6	97.5	98.4	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	90.6	97.5	98.4	99.0	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	90.6	97.5	98.4	99.0	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2003

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-60,62-63,69,73-75 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.2	70.7	71.3	71.5	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.2
≥ 20000	72.8	74.6	75.2	75.5	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.2
≥ 18000	72.8	74.6	75.2	75.5	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.2
≥ 16000	73.4	75.2	75.8	76.1	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.8
≥ 14000	74.2	76.1	76.7	76.9	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.7
≥ 12000	76.1	78.2	78.8	79.0	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.7
≥ 10000	77.8	80.4	81.0	81.2	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.9	82.0
≥ 9000	78.0	80.6	81.3	81.5	81.8	81.8	81.9	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.4
≥ 8000	78.8	81.5	82.2	82.4	82.7	82.7	82.8	82.8	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.3
≥ 7000	79.7	82.4	83.1	83.4	83.7	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.3
≥ 6000	80.1	83.0	83.7	84.0	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.9
≥ 5000	81.3	84.3	85.2	85.5	85.9	85.9	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.4	86.5
≥ 4500	81.8	84.9	85.9	86.2	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.2
≥ 4000	82.3	85.5	86.7	87.0	87.4	87.4	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.9	88.0
≥ 3500	82.8	86.1	87.3	87.6	88.0	88.0	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.5	88.6
≥ 3000	84.2	87.9	89.1	89.5	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.5
≥ 2500	85.1	88.9	90.2	90.6	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.7
≥ 2000	85.6	89.6	91.0	91.5	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.5
≥ 1800	85.7	89.9	91.3	91.7	92.2	92.2	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.7	92.9
≥ 1500	85.9	90.2	91.7	92.2	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.5
≥ 1200	86.2	90.5	92.1	92.6	93.4	93.4	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.9	94.1
≥ 1000	86.7	91.1	92.6	93.2	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.8
≥ 900	86.8	91.5	93.1	93.7	94.5	94.5	94.7	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.3
≥ 800	87.1	91.8	93.4	94.0	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.6
≥ 700	87.2	91.9	93.5	94.2	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.8
≥ 600	87.4	92.4	94.0	94.6	95.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.2
≥ 500	87.5	92.5	94.2	94.8	95.8	95.8	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.5	96.7
≥ 400	87.6	92.8	94.5	95.2	96.2	96.2	96.3	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.2
≥ 300	87.6	92.8	94.7	95.5	96.5	96.6	96.9	96.9	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.7
≥ 200	87.6	92.8	94.7	95.7	96.7	96.9	97.1	97.2	97.2	97.7	97.7	97.7	97.9	97.9	98.0	98.2
≥ 100	87.6	92.8	94.7	95.7	96.7	96.9	97.4	97.5	97.5	98.1	98.2	98.2	98.3	98.3	98.5	98.8
≥ 0	87.6	92.8	94.7	95.7	96.7	96.9	97.4	97.5	97.5	98.1	98.2	98.2	98.4	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1813

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.0	69.3	69.9	70.3	70.7	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.3	71.9
≥ 20000	68.3	71.8	72.4	72.8	73.2	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.8	74.4
≥ 18000	68.3	71.8	72.4	72.8	73.2	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.8	74.4
≥ 16000	68.7	72.1	72.7	73.2	73.6	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.1	74.7
≥ 14000	69.6	73.0	73.6	74.1	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	75.1	75.7
≥ 12000	71.2	74.9	75.5	76.0	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	77.0	77.6
≥ 10000	72.8	76.7	77.4	77.8	78.2	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.8	79.4
≥ 9000	73.3	77.2	77.9	78.3	78.7	78.8	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.3	79.9
≥ 8000	74.2	78.6	79.3	79.7	80.1	80.2	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.7	81.3
≥ 7000	75.1	79.7	80.3	80.8	81.2	81.2	81.3	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.8	82.4
≥ 6000	75.5	80.3	81.0	81.4	81.8	81.9	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.4	83.0
≥ 5000	76.6	81.9	82.6	83.1	83.5	83.5	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	84.1	84.7
≥ 4500	76.9	82.2	82.9	83.4	83.8	83.9	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.4	85.0
≥ 4000	77.6	83.2	83.9	84.5	84.9	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.5	86.1
≥ 3500	78.1	83.9	84.7	85.2	85.6	85.6	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.2	86.8
≥ 3000	78.8	84.8	85.7	86.2	86.8	86.8	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.4	87.9
≥ 2500	79.3	85.5	86.5	87.1	87.6	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.2	88.8
≥ 2000	80.0	86.5	87.6	88.2	88.8	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.4	90.0
≥ 1800	80.1	86.6	87.7	88.4	88.9	89.0	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.6	90.2
≥ 1500	80.5	87.2	88.3	89.0	89.6	89.6	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.2	90.8
≥ 1200	81.2	87.9	89.1	89.8	90.3	90.4	90.5	90.6	90.6	90.7	90.8	90.8	90.8	90.8	91.0	91.6
≥ 1000	81.5	88.6	89.9	90.6	91.2	91.3	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	92.0	92.5
≥ 900	81.6	88.8	90.1	90.8	91.4	91.5	91.7	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.2	92.8
≥ 800	82.3	89.5	90.8	91.5	92.2	92.2	92.3	92.3	92.6	92.7	92.8	92.8	92.8	92.8	93.1	93.7
≥ 700	82.5	90.0	91.3	92.2	93.0	93.0	93.2	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.9	94.5
≥ 600	82.8	90.4	91.9	93.0	93.7	93.7	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.6	95.2
≥ 500	83.0	90.8	92.3	93.4	94.2	94.3	94.6	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.3	95.9
≥ 400	83.0	91.0	92.5	93.9	94.8	94.9	95.4	95.5	95.5	95.7	95.8	95.8	95.8	95.8	96.1	96.7
≥ 100	83.0	91.1	92.6	94.0	95.1	95.3	95.8	96.0	96.1	96.3	96.4	96.4	96.5	96.5	96.8	97.4
≥ 700	83.1	91.2	92.8	94.2	95.4	95.6	96.2	96.4	96.5	97.1	97.1	97.1	97.3	97.3	97.6	98.2
≥ 100	83.1	91.2	92.8	94.4	95.8	96.0	96.7	96.9	97.0	97.6	97.9	97.9	98.1	98.1	98.3	99.1
≥ 0	83.1	91.2	92.8	94.4	95.8	96.0	96.7	96.9	97.0	97.6	98.0	98.0	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2174

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥ ½	≥5 16	≥¼	≥0
NO CEILING	58.5	62.8	63.3	63.7	64.0	64.0	64.2	64.2	64.2	64.5	64.5	64.5	64.7	64.7	64.9	65.3
≥ 20000	61.9	66.6	67.2	67.7	68.0	68.0	68.2	68.3	68.3	68.5	68.6	68.6	68.7	68.8	69.0	69.5
≥ 18000	62.0	66.7	67.3	67.8	68.1	68.1	68.3	68.4	68.4	68.6	68.7	68.7	68.9	68.9	69.1	69.6
≥ 16000	62.2	66.9	67.5	68.0	68.3	68.3	68.5	68.6	68.6	68.8	68.9	68.9	69.0	69.1	69.3	69.8
≥ 14000	63.0	67.7	68.3	68.9	69.1	69.2	69.3	69.4	69.4	69.6	69.7	69.7	69.9	69.9	70.1	70.6
≥ 12000	64.5	69.6	70.2	70.8	71.1	71.1	71.3	71.4	71.4	71.6	71.7	71.7	71.9	72.0	72.2	72.7
≥ 10000	66.8	71.9	72.5	73.2	73.4	73.5	73.7	73.7	73.7	74.0	74.1	74.1	74.3	74.3	74.5	75.0
≥ 9000	67.4	72.6	73.2	73.9	74.1	74.2	74.4	74.4	74.4	74.7	74.8	74.8	75.0	75.0	75.2	75.7
≥ 8000	68.4	73.7	74.4	75.1	75.3	75.4	75.6	75.6	75.6	75.9	76.0	76.0	76.2	76.2	76.4	76.9
≥ 7000	69.6	74.9	75.6	76.3	76.6	76.6	76.8	76.9	76.9	77.1	77.2	77.2	77.4	77.5	77.7	78.2
≥ 6000	70.6	76.0	76.9	77.7	77.9	78.0	78.1	78.2	78.2	78.4	78.6	78.6	78.7	78.8	79.0	79.5
≥ 5000	71.5	77.3	78.2	79.0	79.3	79.4	79.6	79.6	79.6	79.9	80.0	80.0	80.2	80.2	80.4	80.9
≥ 4500	72.0	77.9	78.8	79.7	80.0	80.0	80.2	80.2	80.2	80.5	80.6	80.6	80.8	80.8	81.1	81.6
≥ 4000	72.8	78.9	79.9	80.8	81.1	81.1	81.3	81.3	81.3	81.6	81.7	81.7	81.9	81.9	82.2	82.6
≥ 3500	73.1	79.4	80.4	81.3	81.6	81.7	81.9	81.9	81.9	82.2	82.3	82.3	82.5	82.5	82.8	83.2
≥ 3000	73.6	80.1	81.2	82.2	82.5	82.5	82.7	82.7	82.7	83.0	83.1	83.1	83.3	83.4	83.6	84.1
≥ 2500	74.0	80.7	81.9	83.0	83.4	83.4	83.7	83.7	83.7	84.0	84.1	84.1	84.3	84.4	84.6	85.1
≥ 2000	74.7	81.6	82.9	84.0	84.5	84.5	84.7	84.8	84.8	85.1	85.2	85.2	85.4	85.5	85.7	86.2
≥ 1800	75.1	82.0	83.4	84.5	84.9	85.0	85.2	85.3	85.3	85.5	85.6	85.6	85.9	85.9	86.1	86.7
≥ 1500	75.9	82.9	84.3	85.4	85.9	85.9	86.2	86.3	86.3	86.5	86.7	86.7	86.9	86.9	87.1	87.7
≥ 1200	76.8	84.2	85.6	86.7	87.3	87.3	87.6	87.7	87.7	87.9	88.0	88.0	88.3	88.3	88.5	89.1
≥ 1000	77.4	85.4	86.9	88.0	88.6	88.6	88.9	89.0	89.0	89.3	89.4	89.4	89.6	89.7	89.9	90.4
≥ 900	77.7	85.7	87.3	88.5	89.1	89.2	89.5	89.5	89.5	89.8	89.9	89.9	90.1	90.2	90.4	91.0
≥ 800	78.3	86.5	88.1	89.4	90.1	90.2	90.6	90.7	90.7	90.9	91.0	91.0	91.2	91.3	91.5	92.1
≥ 700	78.4	87.0	88.5	90.0	90.7	90.9	91.2	91.3	91.3	91.6	91.7	91.7	91.9	92.0	92.2	92.8
≥ 600	78.8	87.6	89.2	91.0	91.8	91.9	92.4	92.6	92.6	92.9	93.1	93.1	93.3	93.3	93.6	94.1
≥ 500	78.9	87.9	89.7	91.5	92.4	92.6	93.1	93.3	93.3	93.6	93.8	93.8	94.0	94.0	94.3	94.8
≥ 400	78.9	88.2	90.3	92.4	93.4	93.6	94.2	94.6	94.7	95.1	95.2	95.2	95.5	95.5	95.7	96.3
≥ 300	79.0	88.5	90.6	92.8	94.0	94.2	94.9	95.6	95.7	96.1	96.4	96.4	96.6	96.7	96.9	97.5
≥ 200	79.0	88.5	90.6	93.1	94.4	94.7	95.5	96.3	96.4	97.2	97.4	97.4	97.6	97.7	98.1	98.7
≥ 100	79.0	88.5	90.6	93.1	94.5	94.8	95.6	96.4	96.6	97.4	97.6	97.7	98.0	98.1	98.5	99.4
≥ 0	79.0	88.5	90.6	93.1	94.5	94.8	95.6	96.4	96.6	97.4	97.6	97.7	98.0	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2668

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,48-70,72-75 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.2	62.2	62.3	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 20000	65.5	67.9	68.1	68.5	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	65.6	68.1	68.2	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 16000	66.4	68.8	68.9	69.4	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	67.3	69.7	69.9	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 12000	68.5	71.2	71.3	71.8	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	70.1	72.7	72.9	73.3	73.5	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	70.8	73.4	73.6	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	71.8	74.7	74.9	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	72.7	75.6	75.8	76.4	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	73.7	76.6	76.9	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 5000	74.6	77.8	78.1	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 4500	75.1	78.5	78.8	79.4	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	75.6	79.0	79.3	80.0	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 3500	76.0	79.7	80.0	80.8	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	76.6	80.6	80.8	81.7	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	77.5	81.6	81.9	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	78.7	83.2	83.6	84.5	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
≥ 1800	78.9	83.4	83.8	84.8	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	80.5	85.2	85.7	86.8	87.1	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	81.6	87.0	87.5	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 1000	82.7	88.7	89.2	90.5	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	83.1	89.3	89.9	91.2	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 800	83.3	89.9	90.5	92.0	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	83.8	90.8	91.4	93.0	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 600	84.1	91.4	92.2	93.9	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	84.3	91.8	92.8	94.7	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 400	84.4	92.1	93.3	95.4	96.4	96.4	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	84.5	92.4	93.6	95.9	97.0	97.0	97.8	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 200	84.6	92.5	93.8	96.2	97.3	97.3	98.3	98.6	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4
≥ 100	84.6	92.5	93.8	96.2	97.3	97.3	98.3	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.7	99.9
≥ 0	84.6	92.5	93.8	96.2	97.3	97.3	98.3	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2839

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.9	62.3	62.5	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≤ 20000	67.7	69.9	70.2	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	68.1	70.3	70.6	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	68.5	70.7	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	69.5	71.8	72.1	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	71.1	73.5	73.9	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
≥ 10000	72.8	75.3	75.7	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	73.4	75.9	76.3	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	74.5	77.1	77.5	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	75.4	78.1	78.5	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	76.2	79.1	79.5	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	77.0	80.2	80.6	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	77.1	80.4	80.8	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	77.7	81.1	81.5	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	78.3	81.9	82.3	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	79.4	83.0	83.5	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	80.9	84.8	85.3	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	82.8	87.2	87.8	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	83.5	88.1	88.7	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	84.6	89.8	90.4	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
≥ 1200	85.5	91.2	91.9	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	86.1	92.2	93.0	93.7	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	86.3	92.8	93.6	94.3	94.6	94.7	94.8	94.9	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 800	86.6	93.5	94.3	95.2	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	86.7	93.8	94.7	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 600	86.8	94.2	95.2	96.2	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 500	86.8	94.4	95.5	96.8	97.4	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	86.8	94.5	95.7	97.2	98.1	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	87.0	94.8	96.1	97.5	98.5	98.6	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 200	87.0	94.9	96.2	97.6	98.6	98.8	99.2	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	87.0	94.9	96.2	97.6	98.6	98.8	99.2	99.3	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0
0	87.0	94.9	96.2	97.6	98.6	98.8	99.2	99.3	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2843

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.2	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	70.5	72.9	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	70.7	73.1	73.4	73.6	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	71.0	73.4	73.7	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
≥ 14000	72.1	74.7	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	74.0	76.7	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	76.1	79.1	79.3	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
≥ 9000	76.5	79.4	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	77.6	80.6	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	78.6	81.7	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	79.6	82.8	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	80.1	83.4	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	80.6	83.9	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	81.3	84.6	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	82.1	85.7	86.1	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
≥ 3000	83.2	87.3	87.7	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
≥ 2500	84.9	89.1	89.6	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	86.5	91.0	91.6	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	86.8	91.4	92.0	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	87.2	92.1	92.7	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	87.6	92.7	93.4	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	87.9	93.3	94.1	94.8	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	88.0	93.5	94.3	95.2	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 800	88.1	94.0	94.9	95.8	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 700	88.2	94.2	95.1	96.2	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 600	88.3	94.4	95.3	96.6	97.0	97.0	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	88.4	94.7	95.7	97.0	97.5	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	88.5	94.8	95.9	97.4	98.1	98.2	98.6	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	88.5	94.9	96.1	97.6	98.4	98.5	99.0	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.6	95.0	96.2	97.7	98.5	98.6	99.1	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	88.6	95.0	96.2	97.7	98.5	98.6	99.1	99.2	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	88.6	95.0	96.2	97.7	98.5	98.6	99.1	99.2	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2793

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13509 STA | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<¼
NO CEILING	70.0	71.9	72.0	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	75.1	77.5	77.7	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	75.3	77.7	77.9	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	75.5	78.1	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	76.0	78.7	78.9	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	77.8	80.6	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	79.9	82.9	83.1	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	80.3	83.2	83.5	83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	81.2	84.4	84.6	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 700	81.8	85.1	85.4	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	82.9	86.3	86.6	86.7	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	83.9	87.4	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	84.2	87.9	88.2	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	84.9	89.0	89.2	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	86.0	90.4	90.7	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	86.7	91.2	91.6	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	87.1	91.9	92.3	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	87.9	93.0	93.5	93.8	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	88.0	93.3	93.7	94.1	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	88.2	93.8	94.3	94.7	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	88.6	94.2	94.7	95.2	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	88.8	94.5	95.0	95.4	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	88.9	94.7	95.2	95.6	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	89.0	94.9	95.4	95.9	96.4	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	89.0	95.1	95.6	96.3	96.8	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	89.1	95.3	95.9	96.6	97.1	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	89.1	95.5	96.1	96.9	97.5	97.5	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	89.2	95.7	96.4	97.3	98.0	98.1	98.4	98.5	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	89.2	95.9	96.6	97.6	98.4	98.5	98.8	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	89.2	96.0	96.7	97.7	98.6	98.7	99.0	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	89.2	96.0	96.7	97.7	98.6	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
0	89.2	96.0	96.7	97.7	98.6	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2417

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (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	≥1 ½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.7	75.2	75.4	75.5	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1
≥ 20000	75.5	78.5	78.6	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3
≥ 18000	75.5	78.5	78.7	78.8	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.4
≥ 16000	75.9	79.1	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0
≥ 14000	76.6	79.8	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6
≥ 12000	78.5	81.8	82.0	82.1	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.7
≥ 10000	79.8	83.4	83.6	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3
≥ 9000	79.9	83.5	83.7	83.8	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 8000	80.6	84.3	84.5	84.6	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.2
≥ 7000	81.0	84.8	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.7
≥ 6000	81.7	85.5	85.7	85.9	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5
≥ 5000	82.9	87.1	87.4	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1
≥ 4500	84.0	88.4	88.7	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 4000	84.5	89.1	89.4	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1
≥ 3500	85.0	89.9	90.2	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0
≥ 3000	86.1	91.0	91.3	91.6	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3
≥ 2500	86.8	92.0	92.3	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 2000	87.5	93.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 1800	87.6	93.3	93.6	94.0	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.7
≥ 1500	87.7	93.5	93.9	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0
≥ 1200	88.0	93.9	94.3	94.8	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.6
≥ 1000	88.2	94.2	94.6	95.1	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 900	88.3	94.6	95.0	95.5	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.4
≥ 800	88.4	94.8	95.2	95.8	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 700	88.4	95.1	95.5	96.1	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 600	88.6	95.3	95.7	96.4	96.7	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
≥ 500	88.8	95.6	96.0	96.8	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 400	88.9	95.7	96.1	96.9	97.3	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 300	89.1	95.9	96.4	97.2	97.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 200	89.1	96.1	96.6	97.5	98.0	98.3	98.7	98.8	98.8	98.9	98.9	98.9	99.1	99.2	99.2	99.2
≥ 100	89.1	96.1	96.6	97.5	98.0	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.3	99.3	99.3	99.5
≥ 0	89.1	96.1	96.6	97.5	98.0	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2003

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,48-59,62,72-75 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING-	68.5	71.1	71.6	71.8	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	72.9	75.9	76.4	76.6	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	73.1	76.0	76.5	76.7	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	73.1	76.1	76.6	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	74.3	77.3	77.7	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	75.9	79.0	79.4	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	76.8	79.8	80.3	80.5	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	77.0	80.1	80.5	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
≥ 8000	77.7	81.1	81.5	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	78.3	81.7	82.2	82.4	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	78.5	82.0	82.6	82.8	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	79.6	83.3	83.9	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	80.1	83.9	84.5	84.7	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	80.5	84.3	84.9	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	81.2	85.1	85.7	86.0	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	81.8	85.7	86.3	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	82.5	86.6	87.1	87.5	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	83.6	88.4	89.0	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	83.8	88.8	89.4	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	84.1	89.5	90.1	90.6	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	84.6	90.2	90.8	91.4	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	85.0	90.9	91.6	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	85.3	91.5	92.3	92.9	93.1	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	85.5	91.8	92.8	93.3	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 700	85.6	91.9	92.9	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 600	85.8	92.1	93.2	94.0	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 500	85.9	92.2	93.3	94.3	94.7	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 400	86.0	92.5	93.6	94.9	95.5	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3
≥ 300	86.1	92.6	93.9	95.4	96.1	96.3	96.7	97.3	97.3	97.4	97.4	97.4	97.5	97.6	97.6	97.6
≥ 200	86.1	92.6	93.9	95.6	96.5	96.7	97.2	97.8	97.8	98.0	98.0	98.0	98.4	98.4	98.5	98.5
≥ 100	86.1	92.6	93.9	95.6	96.6	96.8	97.5	98.1	98.1	98.5	98.6	98.6	98.9	99.1	99.1	99.2
≥ 0	86.1	92.6	93.9	95.6	96.6	96.8	97.5	98.1	98.1	98.5	98.7	98.7	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1711

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.5	70.0	70.5	70.7	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.3
≥ 20000	71.0	73.6	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.8	74.8	74.9
≥ 18000	71.0	73.6	74.2	74.3	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.9	74.9
≥ 16000	71.2	73.8	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	75.0	75.1	75.1	75.2
≥ 14000	71.9	74.5	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.7	75.7	75.8
≥ 12000	72.9	75.6	76.2	76.3	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.9	76.9	77.0
≥ 10000	74.1	76.8	77.4	77.6	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.2
≥ 9000	74.5	77.3	77.9	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.6	78.7
≥ 8000	75.0	77.9	78.5	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.3
≥ 7000	75.4	78.3	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.6	79.7	79.7
≥ 6000	76.2	79.3	79.8	80.0	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.5	80.6	80.6	80.7
≥ 5000	76.6	79.7	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9	81.0	81.0	81.1
≥ 4500	77.3	80.4	80.9	81.1	81.3	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.7	81.7
≥ 4000	77.8	81.0	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.5	82.5	82.6
≥ 3500	78.5	82.0	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.5	83.5	83.6
≥ 3000	78.6	82.3	83.0	83.3	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.9	84.0	84.0
≥ 2500	79.3	83.3	84.1	84.4	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	85.0	85.1	85.1
≥ 2000	80.9	85.6	86.4	86.8	87.0	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.4	87.4	87.5
≥ 1800	81.2	86.0	86.8	87.2	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.9
≥ 1500	82.3	87.5	88.3	88.6	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.3	89.4	89.4
≥ 1200	83.1	88.6	89.5	89.8	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.6	90.6	90.7
≥ 1000	83.4	89.1	90.1	90.4	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.3
≥ 900	83.9	89.7	90.7	91.1	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.9	92.0	92.0	92.1
≥ 800	84.2	90.2	91.2	91.8	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.7	92.8	92.8	92.9
≥ 700	84.3	90.5	91.6	92.1	92.7	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.2	93.2	93.3
≥ 600	84.5	90.9	92.0	92.6	93.1	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.6	93.7	93.8	93.9
≥ 500	84.6	91.2	92.4	93.2	93.9	93.9	94.0	94.0	94.0	94.2	94.3	94.3	94.5	94.6	94.7	94.7
≥ 400	84.6	91.6	93.0	93.9	94.8	94.8	95.0	95.0	95.0	95.2	95.4	95.4	95.5	95.6	95.7	95.8
≥ 300	84.6	91.8	93.2	94.2	95.5	95.6	95.7	96.1	96.1	96.3	96.4	96.4	96.5	96.6	96.8	96.8
≥ 200	84.6	91.8	93.3	94.4	95.7	95.9	96.4	96.7	96.7	97.0	97.2	97.2	97.3	97.4	97.6	97.7
≥ 100	84.6	91.8	93.3	94.5	95.8	96.1	96.7	97.1	97.1	97.4	97.8	97.8	98.2	98.2	98.4	98.9
≥ 0	84.6	91.8	93.3	94.5	95.8	96.1	96.8	97.2	97.2	97.4	97.8	97.8	98.2	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2114

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.6	60.6	61.1	61.5	61.7	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.2	62.5
≥ 20000	63.7	67.3	67.8	68.3	68.5	68.5	68.7	68.7	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.4
≥ 17000	63.8	67.4	68.0	68.5	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.2	69.2	69.2	69.5
≥ 16000	63.9	67.5	68.2	68.6	68.8	68.9	69.0	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.4	69.7
≥ 14000	64.7	68.4	69.0	69.4	69.6	69.7	69.8	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.5
≥ 12000	67.1	71.0	71.7	72.2	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.9	72.9	73.0	73.3
≥ 10000	68.4	72.4	73.1	73.6	73.8	73.9	74.0	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.7
≥ 9000	68.9	73.1	73.8	74.3	74.5	74.6	74.7	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.2	75.5
≥ 8000	70.0	74.3	75.1	75.6	75.9	75.9	76.1	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.5	76.8
≥ 7000	70.5	74.9	75.7	76.2	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.1	77.4
≥ 6000	71.0	75.6	76.4	77.0	77.3	77.3	77.4	77.5	77.5	77.6	77.7	77.7	77.9	77.9	78.0	78.3
≥ 5000	71.4	76.2	77.1	77.6	77.9	77.9	78.1	78.1	78.1	78.3	78.3	78.3	78.5	78.5	78.6	79.0
≥ 4500	71.7	76.7	77.6	78.2	78.5	78.6	78.7	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.3	79.6
≥ 4000	72.2	77.3	78.3	78.9	79.3	79.3	79.5	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.1	80.5
≥ 3500	72.5	77.6	78.7	79.3	79.7	79.8	80.0	80.0	80.1	80.2	80.3	80.3	80.5	80.5	80.6	80.9
≥ 3000	73.1	78.5	79.7	80.3	80.7	80.8	81.0	81.0	81.1	81.2	81.3	81.3	81.5	81.5	81.6	81.9
≥ 2500	73.9	79.8	81.1	81.7	82.1	82.2	82.4	82.5	82.5	82.7	82.7	82.7	82.9	82.9	83.0	83.3
≥ 2000	74.9	81.0	82.5	83.1	83.6	83.6	83.8	83.9	84.0	84.2	84.2	84.2	84.5	84.5	84.6	84.9
≥ 1800	75.2	81.3	82.9	83.5	84.0	84.0	84.3	84.3	84.4	84.7	84.7	84.7	84.9	84.9	85.0	85.4
≥ 1500	76.2	83.1	84.5	85.2	85.7	85.7	86.0	86.0	86.1	86.4	86.4	86.4	86.6	86.6	86.7	87.1
≥ 1200	77.6	84.8	86.5	87.3	87.9	87.9	88.1	88.2	88.2	88.6	88.6	88.6	88.9	88.9	89.0	89.3
≥ 1000	78.4	86.1	87.9	88.7	89.3	89.4	89.6	89.7	89.7	90.0	90.1	90.1	90.3	90.3	90.4	90.8
≥ 900	78.6	86.7	88.5	89.4	90.0	90.1	90.3	90.4	90.4	90.7	90.8	90.8	91.0	91.0	91.1	91.5
≥ 800	79.0	87.2	89.2	90.2	90.9	91.0	91.2	91.3	91.3	91.6	91.8	91.8	92.0	92.0	92.1	92.5
≥ 700	79.1	87.5	89.6	90.7	91.3	91.4	91.7	91.8	91.8	92.1	92.3	92.3	92.5	92.5	92.6	93.0
≥ 600	79.2	87.8	89.9	91.1	91.8	91.9	92.3	92.5	92.5	92.8	92.9	92.9	93.2	93.2	93.3	93.7
≥ 500	79.5	88.3	90.5	91.9	92.9	93.1	93.5	93.7	93.8	94.1	94.2	94.2	94.4	94.4	94.6	94.9
≥ 400	79.6	88.7	91.1	92.6	93.8	94.1	94.8	95.0	95.1	95.5	95.6	95.6	95.9	95.9	96.0	96.4
≥ 300	79.6	88.8	91.2	92.8	94.6	94.9	95.8	96.0	96.1	96.6	96.7	96.7	97.0	97.0	97.1	97.5
≥ 200	79.6	88.9	91.2	92.8	94.7	95.1	96.0	96.2	96.3	96.8	97.1	97.1	97.5	97.5	97.6	98.0
≥ 100	79.6	88.9	91.2	92.9	94.8	95.1	96.0	96.3	96.4	97.0	97.2	97.2	97.6	97.8	98.0	98.7
≥ 0	79.6	88.9	91.2	92.9	94.8	95.1	96.0	96.3	96.4	97.0	97.3	97.3	97.8	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2594

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,48-75 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.9	57.8	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	64.0	66.5	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	64.2	66.7	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 16000	64.3	66.9	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	65.0	67.7	68.0	68.1	68.2	68.2	68.4	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	66.8	69.7	70.0	70.1	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 10000	68.2	71.3	71.6	71.7	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 9000	69.1	72.3	72.6	72.7	72.3	72.8	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	70.4	73.6	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	71.0	74.4	74.8	75.0	75.1	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.5
≥ 6000	71.8	75.4	75.9	76.1	76.2	76.2	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	72.3	76.2	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.5
≥ 4500	72.4	76.3	76.8	77.2	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 4000	73.1	77.2	77.7	78.1	78.3	78.3	78.5	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8
≥ 3500	73.8	77.9	78.5	78.9	79.1	79.2	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.7
≥ 3000	74.3	78.6	79.2	79.6	79.9	80.0	80.2	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	75.0	79.5	80.2	80.6	80.9	81.0	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.6
≥ 2000	76.0	80.6	81.3	81.7	82.2	82.2	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9
≥ 1800	76.5	81.2	82.0	82.4	82.9	83.0	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 1500	77.8	82.7	83.5	84.0	84.7	84.8	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5
≥ 1200	79.1	84.7	85.7	86.3	87.0	87.1	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.9
≥ 1000	79.8	85.6	86.7	87.5	88.2	88.3	88.7	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.3
≥ 900	80.1	86.2	87.4	88.2	89.0	89.1	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.2
≥ 800	80.7	87.2	88.6	89.6	90.4	90.6	91.1	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.7
≥ 700	80.8	87.6	89.1	90.5	91.4	91.7	92.2	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.9
≥ 600	81.0	88.1	89.7	91.3	92.4	92.6	93.2	93.4	93.4	93.7	93.8	93.8	93.9	93.9	93.9	94.0
≥ 500	81.2	88.6	90.4	92.1	93.4	93.7	94.3	94.6	94.6	95.0	95.1	95.1	95.3	95.3	95.3	95.4
≥ 400	81.3	88.8	90.8	93.0	94.4	94.7	95.5	95.8	95.9	96.3	96.4	96.4	96.6	96.6	96.6	96.7
≥ 300	81.3	88.9	90.9	93.4	95.3	95.5	96.5	96.8	96.9	97.5	97.6	97.6	97.9	97.9	98.0	98.2
≥ 200	81.3	88.9	90.9	93.5	95.4	95.7	96.7	97.1	97.2	97.7	98.1	98.1	98.5	98.5	98.6	98.7
≥ 100	81.3	88.9	90.9	93.5	95.4	95.7	96.7	97.1	97.2	97.7	98.2	98.2	98.7	98.7	98.9	99.3
0	81.3	88.9	90.9	93.5	95.4	95.7	96.7	97.1	97.2	97.7	98.2	98.2	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2824

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.2	59.5	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	66.0	67.9	68.2	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	66.5	68.4	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	66.9	68.8	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	67.7	69.6	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
≥ 12000	69.2	71.4	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	70.4	72.6	73.0	73.1	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	70.8	73.0	73.4	73.6	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	71.7	73.9	74.4	74.5	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	72.7	75.1	75.5	75.6	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	73.3	75.8	76.2	76.4	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	73.7	76.3	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	74.2	76.8	77.2	77.5	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000	75.0	77.7	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	75.8	78.7	79.2	79.5	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	76.7	79.7	80.3	80.5	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	78.2	81.5	82.1	82.3	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	80.0	83.7	84.2	84.5	84.8	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	80.7	84.4	85.1	85.5	85.7	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	82.6	86.6	87.3	87.8	88.1	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	83.6	88.1	89.2	89.0	90.2	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	84.1	89.0	90.2	91.1	91.6	91.6	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	84.3	89.6	90.8	91.8	92.4	92.4	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	84.6	90.2	91.5	92.7	93.3	93.4	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	84.8	90.5	91.9	93.2	93.9	94.0	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	84.9	90.7	92.1	93.8	94.6	94.8	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	85.0	90.9	92.5	94.5	95.6	95.8	96.3	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	85.0	91.1	92.8	94.8	96.0	96.4	96.9	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	85.1	91.2	92.9	95.1	96.3	96.7	97.3	97.8	98.0	98.4	98.5	98.5	98.8	98.8	98.9	98.9
≥ 200	85.1	91.2	92.9	95.2	96.5	96.9	97.5	98.1	98.3	98.8	98.9	98.9	99.3	99.4	99.5	99.5
≥ 100	85.1	91.2	92.9	95.2	96.6	97.0	97.6	98.1	98.3	98.9	99.0	99.1	99.6	99.6	99.8	99.8
≥ 0	85.1	91.2	92.9	95.2	96.6	97.0	97.6	98.2	98.4	99.0	99.1	99.2	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2832

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,48-75 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.8	61.2	61.6	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	68.6	70.5	70.8	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	69.2	71.1	71.4	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	69.6	71.6	71.9	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
≥ 14000	70.6	72.6	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	71.9	73.9	74.3	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
≥ 10000	72.9	75.0	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	73.1	75.3	75.8	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	74.1	76.4	76.9	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000	75.0	77.3	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	75.7	78.0	78.6	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	76.5	78.9	79.5	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	76.9	79.5	80.2	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	77.7	80.6	81.2	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	78.5	81.5	82.2	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	79.5	82.8	83.4	83.9	84.0	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	80.9	84.5	85.2	85.8	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	82.8	86.6	87.4	88.0	88.2	88.3	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	83.4	87.3	88.2	88.8	89.0	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	84.6	88.9	89.9	90.7	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	85.2	90.1	91.4	92.2	92.5	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	85.4	90.4	92.0	92.8	93.1	93.2	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	85.4	90.5	92.1	93.0	93.4	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	85.6	90.9	92.8	93.7	94.2	94.2	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	85.3	91.2	93.1	94.1	94.6	94.7	94.9	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 600	85.8	91.4	93.3	94.4	95.0	95.1	95.3	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	85.9	91.8	93.8	95.0	95.6	95.8	96.2	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 400	85.9	92.1	94.3	95.7	96.4	96.6	97.1	97.6	97.7	98.0	98.1	98.1	98.3	98.3	98.4	98.4
≥ 300	86.0	92.2	94.5	96.0	96.7	97.0	97.6	98.3	98.4	98.9	99.1	99.1	99.4	99.4	99.5	99.5
≥ 200	86.0	92.2	94.5	96.0	96.8	97.0	97.7	98.4	98.5	99.0	99.4	99.4	99.7	99.7	99.8	99.9
≥ 100	86.0	92.2	94.5	96.1	96.8	97.1	97.7	98.5	98.6	99.1	99.4	99.4	99.7	99.8	100.0	100.0
0	86.0	92.2	94.5	96.1	96.8	97.1	97.7	98.5	98.6	99.1	99.4	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2796

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46;48-75 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.7	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	73.5	75.9	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	73.7	76.1	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	74.1	76.5	76.7	76.8	76.8	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	75.5	78.0	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	76.8	79.4	79.7	79.9	79.9	79.9	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	77.5	80.2	80.5	80.6	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	77.9	80.7	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	78.8	81.6	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	79.7	82.7	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	80.4	83.7	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	81.3	84.7	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	81.6	85.2	85.5	85.6	85.7	85.7	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	82.5	86.3	86.6	86.7	86.8	86.8	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	83.3	87.2	87.5	87.7	87.7	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	84.2	88.3	88.6	88.8	88.8	88.8	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	84.8	89.1	89.5	89.7	89.8	89.8	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	85.1	89.8	90.2	90.4	90.5	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	85.4	90.1	90.5	90.8	90.8	90.8	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	86.1	91.2	91.7	91.9	92.0	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	86.4	92.1	92.6	92.9	93.0	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	86.6	92.2	92.8	93.4	93.5	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	86.6	92.4	93.1	93.6	93.8	93.9	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	86.7	92.8	93.6	94.1	94.4	94.5	94.6	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	86.7	92.9	93.7	94.3	94.6	94.7	94.8	94.9	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	86.8	93.2	94.0	94.6	95.0	95.1	95.3	95.4	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	86.9	93.5	94.4	95.1	95.6	95.8	96.1	96.3	96.4	96.8	97.0	97.0	97.0	97.0	97.1	97.1
≥ 400	87.0	93.6	94.6	95.8	96.4	96.5	96.9	97.1	97.1	97.6	97.9	97.9	98.0	98.0	98.1	98.1
≥ 300	87.1	93.7	94.7	96.0	96.7	96.9	97.3	97.6	97.7	98.2	98.6	98.6	98.8	98.9	98.9	98.9
≥ 200	87.1	93.7	94.7	96.0	96.8	96.9	97.6	97.9	98.0	98.6	99.0	99.0	99.3	99.3	99.5	99.5
≥ 100	87.1	93.7	94.7	96.0	96.8	96.9	97.6	97.9	98.0	98.7	99.2	99.2	99.5	99.6	99.9	99.9
≥ 0	87.1	93.7	94.7	96.0	96.8	96.9	97.6	97.9	98.0	98.7	99.2	99.2	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2358

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-73 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.6	73.1	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
≥ 20000	75.0	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	75.2	77.9	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 16000	75.6	78.3	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 14000	76.9	79.8	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 12000	78.1	81.1	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 10000	78.9	81.9	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 9000	79.1	82.2	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 8000	79.6	82.7	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5
≥ 7000	80.0	83.3	83.6	83.7	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	80.6	84.1	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	81.6	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	81.7	85.7	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 4000	82.4	86.3	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 3500	83.3	87.8	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 3000	83.8	88.3	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 2500	84.6	89.4	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	85.0	90.4	90.7	90.9	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 1800	85.4	90.9	91.2	91.4	91.3	91.6	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 1500	85.7	91.4	91.7	91.9	92.1	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 1200	86.0	92.2	92.6	92.7	92.9	93.0	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 1000	86.1	92.5	92.9	93.2	93.3	93.6	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1
≥ 900	86.4	92.8	93.3	93.6	93.9	93.9	94.0	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.3	94.6
≥ 800	86.6	93.1	93.6	93.9	94.2	94.2	94.3	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 700	86.7	93.4	93.9	94.3	94.6	94.7	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 600	86.8	93.6	94.1	94.7	95.0	95.1	95.3	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 500	86.9	93.9	94.4	95.1	95.4	95.5	95.9	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.5
≥ 400	87.1	94.1	94.6	95.3	95.7	95.8	96.3	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 300	87.2	94.4	94.9	95.9	96.3	96.4	97.0	97.2	97.2	97.9	97.9	97.9	97.9	97.9	98.1	98.2
≥ 200	87.2	94.5	95.0	96.1	96.5	96.7	97.3	97.5	97.5	98.2	98.3	98.3	98.3	98.4	98.6	98.7
≥ 100	87.2	94.5	95.1	96.1	96.7	96.8	97.6	98.0	98.0	98.9	99.0	99.0	99.1	99.1	99.5	99.6
≥ 0	87.2	94.5	95.1	96.1	96.7	96.8	97.6	98.0	98.0	98.9	99.0	99.0	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1911

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-59,65,67,70,74 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ ¼	≥5/16	≥ 0	≥0
NO CEILING	61.2	63.9	64.2	64.6	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.8
≥ 20000	67.0	70.3	70.5	71.1	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.9	72.3
≥ 18000	67.1	70.4	70.6	71.2	71.6	71.6	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	72.0	72.4
≥ 16000	67.3	70.6	70.8	71.4	71.8	71.8	72.0	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.3	72.6
≥ 14000	68.0	71.6	71.9	72.5	72.8	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.3	73.7
≥ 12000	69.2	72.9	73.2	73.8	74.2	74.2	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.7	75.0
≥ 10000	70.7	74.6	74.9	75.6	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.5	76.9
≥ 9000	71.0	74.9	75.2	75.9	76.3	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.8	77.2
≥ 8000	71.6	75.4	75.8	76.5	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.8
≥ 7000	71.9	75.8	76.2	76.8	77.3	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.8	78.1
≥ 6000	72.1	76.0	76.4	77.1	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.4
≥ 5000	73.4	77.4	77.7	78.4	78.9	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.3	79.7
≥ 4500	74.1	78.2	78.6	79.2	79.7	79.7	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.2	80.5
≥ 4000	74.7	78.9	79.2	79.9	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.8	81.2
≥ 3500	75.3	79.5	79.9	80.6	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.6	82.0
≥ 3000	75.8	80.0	80.4	81.1	81.7	81.7	81.8	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.1	82.5
≥ 2500	76.3	80.8	81.4	82.1	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.2	83.6
≥ 2000	77.3	81.8	82.4	83.3	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.5	84.9
≥ 1800	77.5	82.0	82.7	83.5	84.3	84.3	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.8	85.1
≥ 1500	77.8	82.4	83.0	83.9	84.6	84.6	84.8	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.2	85.5
≥ 1200	78.6	83.5	84.2	85.1	85.8	85.8	86.0	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.5	86.9
≥ 1000	79.2	84.9	85.7	86.7	87.5	87.5	87.7	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.2	88.6
≥ 900	79.4	85.1	85.8	86.9	87.7	87.7	87.9	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.8
≥ 800	79.5	85.5	86.3	87.3	88.1	88.1	88.4	88.5	88.3	88.6	88.7	88.7	88.8	88.8	88.9	89.2
≥ 700	79.5	85.7	86.6	87.8	88.8	88.8	89.1	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.6	90.0
≥ 600	79.5	85.9	86.9	88.2	89.4	89.4	89.7	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.3	90.7
≥ 500	79.5	86.1	87.3	88.6	90.2	90.2	90.6	90.9	90.9	91.2	91.3	91.3	91.5	91.6	91.7	92.1
≥ 400	79.5	86.2	87.4	88.8	90.9	90.9	91.5	91.8	91.8	92.3	92.5	92.5	92.7	92.7	92.8	93.2
≥ 300	79.5	86.2	87.4	88.9	91.3	91.3	92.1	92.4	92.5	93.3	93.5	93.5	93.7	93.8	94.0	94.3
≥ 200	79.5	86.2	87.5	89.1	91.5	91.5	92.6	92.9	93.1	94.2	94.4	94.4	94.6	94.9	95.3	95.7
≥ 100	79.5	86.2	87.5	89.1	91.5	91.5	92.7	93.0	93.1	94.7	95.1	95.1	95.5	95.9	96.5	97.1
≥ 0	79.5	86.2	87.5	89.1	91.5	91.5	92.7	93.0	93.1	94.9	95.5	95.6	96.1	96.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-72,74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.6	62.1	62.3	62.8	62.8	62.8	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.7	64.3
≥ 20000	63.8	66.8	67.1	67.6	67.7	67.7	68.0	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.6	69.3
≥ 18000	64.0	67.0	67.3	67.8	67.8	67.8	68.1	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.8	69.4
≥ 16000	64.1	67.2	67.5	68.0	68.0	68.0	68.4	68.5	68.5	68.7	68.8	68.8	68.8	68.8	69.0	69.7
≥ 14000	65.1	68.5	68.9	69.4	69.4	69.4	69.8	69.9	69.9	70.1	70.2	70.2	70.2	70.2	70.4	71.1
≥ 12000	66.5	69.9	70.4	70.9	70.9	70.9	71.3	71.4	71.4	71.6	71.7	71.7	71.7	71.7	72.0	72.6
≥ 10000	67.4	70.8	71.3	71.9	71.9	71.9	72.2	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.9	73.6
≥ 9000	67.6	71.0	71.5	72.0	72.1	72.1	72.4	72.6	72.6	72.8	72.8	72.8	72.9	72.9	73.1	73.8
≥ 8000	68.3	71.8	72.3	72.8	72.9	72.9	73.2	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.9	74.6
≥ 7000	68.5	72.0	72.5	73.1	73.1	73.1	73.5	73.6	73.6	73.8	73.9	73.9	73.9	73.9	74.2	74.9
≥ 6000	68.9	72.3	72.9	73.4	73.5	73.5	73.8	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.5	75.2
≥ 5000	69.9	73.4	73.9	74.5	74.5	74.5	74.9	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.6	76.3
≥ 4500	70.5	74.2	74.7	75.3	75.4	75.4	75.7	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.4	77.1
≥ 4000	71.2	74.9	75.4	76.0	76.1	76.1	76.4	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.2	77.9
≥ 3500	72.0	75.9	76.5	77.2	77.3	77.3	77.6	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78.4	79.1
≥ 3000	73.1	77.2	77.8	78.6	78.7	78.7	79.0	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.8	80.5
≥ 2500	73.9	78.0	78.7	79.5	79.6	79.6	79.9	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.7	81.4
≥ 2000	75.2	79.7	80.4	81.2	81.3	81.3	81.7	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.5	83.2
≥ 1800	75.4	80.1	80.9	81.7	81.8	81.8	82.2	82.5	82.5	82.7	82.7	82.7	82.8	82.8	83.0	83.7
≥ 1500	75.7	80.5	81.3	82.1	82.4	82.4	82.8	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.6	84.3
≥ 1200	76.1	81.5	82.3	83.1	83.3	83.3	83.8	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.6	85.3
≥ 1000	77.0	82.7	83.5	84.3	84.6	84.6	85.0	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.9	86.6
≥ 900	77.1	83.1	84.0	84.8	85.1	85.1	85.6	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.5	87.2
≥ 800	77.4	83.6	84.7	85.6	86.0	86.0	86.4	86.8	86.9	87.2	87.3	87.3	87.4	87.4	87.6	88.3
≥ 700	77.6	84.4	85.6	86.6	87.0	87.0	87.5	87.9	88.0	88.2	88.4	88.4	88.5	88.5	88.7	89.5
≥ 600	77.6	84.5	85.9	87.0	87.6	87.6	88.0	88.6	88.6	89.0	89.1	89.1	89.2	89.2	89.5	90.2
≥ 500	77.8	85.1	86.7	88.2	89.0	89.1	89.6	90.2	90.2	90.7	90.9	90.9	91.0	91.0	91.3	92.1
≥ 400	77.9	85.5	87.1	88.8	89.8	89.8	90.4	91.0	91.1	91.6	91.8	91.8	92.0	92.0	92.2	93.1
≥ 300	77.9	85.6	87.2	89.0	90.2	90.2	91.1	91.8	91.8	92.4	92.6	92.6	92.9	92.9	93.2	94.0
≥ 200	77.9	85.6	87.3	89.0	90.3	90.4	91.3	92.1	92.2	93.3	93.8	93.8	94.1	94.1	94.5	95.4
≥ 100	77.9	85.6	87.3	89.0	90.3	90.4	91.4	92.3	92.4	93.6	94.2	94.2	94.6	94.9	95.7	97.2
≥ 0	77.9	85.6	87.3	89.0	90.3	90.4	91.4	92.3	92.4	93.8	94.4	94.4	94.9	95.2	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2025

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING /FEET	VISIBILITY (STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.6	55.9	56.9	57.3	57.5	57.5	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	58.0	58.6
≥ 20000	56.9	60.6	61.7	62.1	62.4	62.4	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	63.7
≥ 18000	57.3	61.0	62.1	62.5	62.8	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3	64.0
≥ 16000	57.5	61.2	62.3	62.7	63.0	63.0	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.5	63.5	64.2
≥ 14000	59.2	63.1	64.1	64.6	64.8	64.9	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.4	66.1
≥ 12000	61.0	65.0	66.1	66.5	66.8	66.9	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.4	68.1
≥ 10000	62.6	67.0	68.2	68.6	68.9	68.9	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.5	70.2
≥ 9000	62.8	67.2	68.4	68.8	69.1	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.7	70.4
≥ 8000	63.7	68.2	69.4	69.9	70.1	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.8	71.5
≥ 7000	64.3	69.0	70.2	70.7	71.0	71.0	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.6	72.3
≥ 6000	64.8	69.5	70.8	71.2	71.5	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.9
≥ 5000	65.7	70.5	71.8	72.3	72.5	72.6	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.9
≥ 4500	66.2	71.0	72.2	72.7	73.0	73.0	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.6	74.4
≥ 4000	66.8	71.7	73.0	73.6	73.8	73.9	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.5	75.2
≥ 3500	67.4	72.5	73.9	74.6	74.9	74.9	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.5	76.3
≥ 3000	68.1	73.5	74.9	75.5	75.9	75.9	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	77.3
≥ 2500	68.9	74.5	75.9	76.6	77.0	77.0	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.6	77.6	78.4
≥ 2000	70.2	76.0	77.5	78.2	78.5	78.6	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.2	80.0
≥ 1800	70.6	76.6	78.1	78.8	79.2	79.3	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	80.7
≥ 1500	71.7	78.0	79.6	80.4	80.9	81.0	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.7	81.7	82.5
≥ 1200	72.7	79.5	81.2	82.1	82.6	82.7	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.5	83.6	84.3
≥ 1000	73.4	80.7	82.5	83.6	84.1	84.2	84.6	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.9
≥ 900	73.6	81.0	82.8	83.9	84.5	84.6	85.0	85.2	85.2	85.5	85.5	85.5	85.5	85.6	85.7	86.4
≥ 800	73.8	81.4	83.3	84.5	85.1	85.2	85.6	85.9	85.9	86.2	86.2	86.2	86.3	86.3	86.4	87.2
≥ 700	74.0	81.9	84.2	85.6	86.3	86.5	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.7	87.8	88.5
≥ 600	74.0	82.1	84.6	86.3	87.2	87.4	88.0	88.2	88.2	88.6	88.6	88.6	88.7	88.7	88.9	89.6
≥ 500	74.2	82.5	85.2	87.2	88.3	88.6	89.4	89.7	89.7	90.1	90.1	90.2	90.3	90.3	90.5	91.2
≥ 400	74.3	83.0	85.7	87.6	89.0	89.3	90.3	90.8	90.9	91.5	91.5	91.5	91.7	91.7	91.9	92.7
≥ 300	74.3	83.0	85.9	87.9	89.5	89.9	91.1	91.7	91.8	92.8	92.8	92.8	93.1	93.2	93.4	94.2
≥ 200	74.3	83.0	85.9	87.9	89.6	90.0	91.3	92.1	92.3	93.6	94.0	94.0	94.5	94.6	94.8	95.8
≥ 100	74.3	83.1	85.9	88.0	89.6	90.0	91.4	92.3	92.5	94.1	94.7	94.7	95.3	95.6	96.0	97.7
≥ 0	74.3	83.1	85.9	88.0	89.6	90.0	91.4	92.3	92.5	94.2	94.8	94.9	95.6	95.9	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2531

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	51.1	53.6	53.9	54.2	54.2	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.7
≥ 20000	58.2	61.3	61.9	62.3	62.4	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	63.0
≥ 18000	59.0	62.1	62.7	63.1	63.1	63.2	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.7
≥ 16000	59.3	62.5	63.1	63.5	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.1
≥ 14000	60.5	63.6	64.4	64.7	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.4
≥ 12000	62.4	66.0	66.7	67.0	67.2	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.8
≥ 10000	64.0	67.9	68.6	69.0	69.2	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.8
≥ 9000	64.6	68.5	69.2	69.7	69.8	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.4
≥ 8000	65.5	69.5	70.4	70.8	71.0	71.0	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.7
≥ 7000	66.3	70.4	71.3	71.8	72.0	72.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.7
≥ 6000	66.7	70.9	71.8	72.4	72.6	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.2
≥ 5000	67.2	71.6	72.5	73.1	73.2	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.9
≥ 4500	67.4	71.8	72.7	73.3	73.5	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.2
≥ 4000	67.8	72.3	73.3	73.9	74.2	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.9
≥ 3500	68.5	73.1	74.0	74.7	75.0	75.0	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.7
≥ 3000	69.0	73.7	74.7	75.4	75.7	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.5
≥ 2500	69.7	74.5	75.5	76.3	76.6	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.5
≥ 2000	70.5	75.6	76.7	77.6	78.0	78.0	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.9
≥ 1800	70.9	76.1	77.2	78.2	78.5	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.5
≥ 1500	72.0	77.7	79.0	80.3	80.7	80.8	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.7
≥ 1200	73.1	79.1	80.5	81.9	82.6	82.7	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.6
≥ 1000	73.8	80.3	81.9	83.5	84.2	84.3	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.4
≥ 900	74.2	81.0	82.8	84.6	85.4	85.5	86.0	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.8
≥ 800	74.4	81.5	83.5	85.5	86.4	86.5	87.1	87.3	87.5	87.6	87.6	87.6	87.7	87.7	87.7	88.0
≥ 700	74.5	82.0	84.1	86.3	87.4	87.6	88.3	88.5	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.4
≥ 600	74.6	82.4	84.7	87.3	88.4	88.5	89.3	89.6	89.8	90.0	90.1	90.1	90.2	90.2	90.3	90.6
≥ 500	74.8	82.7	85.0	87.9	89.1	89.4	90.3	90.6	91.3	91.5	91.6	91.6	91.8	91.8	91.9	92.2
≥ 400	74.8	82.8	85.1	88.1	89.4	89.8	91.0	91.7	92.3	92.6	92.8	92.8	93.1	93.1	93.2	93.5
≥ 300	74.8	82.8	85.2	88.4	90.0	90.4	91.9	92.7	93.3	94.1	94.3	94.3	94.7	94.7	94.8	95.3
≥ 200	74.8	82.8	85.2	88.4	90.0	90.5	92.1	93.0	93.8	94.8	95.2	95.3	95.9	96.0	96.2	96.8
≥ 100	74.8	82.8	85.2	88.4	90.0	90.5	92.1	93.1	94.0	95.1	95.5	95.7	96.6	96.7	97.2	98.1
≥ 0	74.8	82.8	85.2	88.4	90.0	90.5	92.1	93.1	94.0	95.1	95.5	95.7	96.7	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2758

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.9	54.0	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	62.7	64.5	64.9	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	63.2	65.0	65.3	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	63.8	65.6	65.9	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	64.8	66.8	67.2	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	66.9	69.2	69.7	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	66.4	70.9	71.4	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	68.9	71.5	72.0	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	69.4	72.1	72.6	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	70.5	73.2	73.9	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	71.0	73.9	74.5	74.8	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000	71.3	74.2	74.9	75.3	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	71.7	74.7	75.4	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	72.2	75.2	75.9	76.3	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	72.6	75.7	76.3	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	73.3	76.6	77.4	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	74.0	77.5	78.3	78.7	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2000	75.0	79.2	80.0	80.5	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1800	75.4	79.7	80.7	81.2	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	76.7	81.7	82.9	83.6	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 1200	77.5	82.8	84.3	85.0	85.4	85.4	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 1000	78.2	84.0	85.7	86.5	87.0	87.1	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 900	78.4	84.6	86.3	87.3	87.8	87.9	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 800	78.4	85.0	86.8	89.0	88.6	88.7	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 700	78.5	85.2	87.2	88.7	89.4	89.6	90.1	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 600	78.8	85.6	87.7	89.5	90.4	90.6	91.3	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.1	92.1
≥ 500	78.9	85.9	88.1	90.0	91.1	91.4	92.0	92.8	92.8	93.2	93.4	93.4	93.6	93.6	93.7	93.7
≥ 400	78.9	86.0	88.3	90.4	91.8	92.2	93.4	94.1	94.1	94.7	94.9	94.9	95.2	95.2	95.3	95.3
≥ 300	78.9	86.1	88.4	90.8	92.3	92.8	94.1	95.3	95.6	96.4	96.7	96.7	97.1	97.1	97.2	97.2
≥ 200	78.9	86.1	88.6	91.0	92.7	93.2	94.7	96.0	96.4	97.4	97.8	97.9	98.2	98.4	98.6	98.7
> 100	78.9	86.1	88.6	91.0	92.7	93.2	94.7	96.0	96.4	97.6	98.1	98.2	98.7	98.9	99.2	99.4
≥ 0	78.9	86.1	88.6	91.0	92.7	93.2	94.7	96.0	96.4	97.6	98.1	98.2	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2769

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5
≥ 20000	63.7	65.9	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
≥ 18000	64.4	66.6	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
≥ 16000	64.9	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
≥ 14000	66.1	68.7	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4
≥ 12000	68.1	71.2	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
≥ 10000	69.2	72.4	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
≥ 9000	69.6	72.7	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 8000	70.2	73.4	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
≥ 7000	71.2	74.5	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6
≥ 6000	71.6	75.0	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 5000	72.5	76.0	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3
≥ 4500	73.0	76.5	77.1	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 4000	73.8	77.4	78.0	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 3500	74.3	78.0	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 3000	75.1	78.7	79.6	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 2500	75.7	79.4	80.3	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9
≥ 2000	77.0	81.2	82.1	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 1800	77.4	81.9	82.9	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 1500	78.1	83.3	84.4	85.0	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 1200	78.7	84.4	85.6	86.4	86.8	86.9	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.6	87.6
≥ 1000	79.0	85.2	86.7	87.6	88.1	88.1	88.5	88.7	88.7	88.8	88.9	88.9	88.9	88.9	89.0	89.0
≥ 900	79.2	85.6	87.2	88.3	88.8	88.8	89.3	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.9	89.9
≥ 800	79.3	85.8	87.5	88.8	89.6	89.7	90.3	90.5	90.5	90.6	90.8	90.8	90.8	90.8	91.0	91.0
≥ 700	79.5	86.3	88.4	89.9	90.8	91.0	91.7	92.0	92.0	92.1	92.3	92.3	92.4	92.4	92.5	92.5
≥ 600	79.7	86.5	88.7	90.4	91.4	91.7	92.4	92.8	92.8	93.1	93.3	93.3	93.4	93.4	93.5	93.5
≥ 500	79.9	86.9	89.3	91.1	92.1	92.4	93.3	93.7	93.8	94.2	94.4	94.4	94.6	94.6	94.7	94.8
≥ 400	79.9	86.9	89.5	91.5	92.7	93.0	94.1	94.7	94.8	95.5	95.8	95.8	96.1	96.1	96.2	96.2
≥ 300	79.9	87.0	89.6	91.7	93.0	93.4	94.0	95.3	95.6	96.6	97.1	97.1	97.5	97.6	97.7	97.8
≥ 200	79.9	87.0	89.6	91.8	93.1	93.4	94.7	95.8	96.2	97.4	98.0	98.0	98.4	98.6	98.7	98.9
≥ 100	79.9	87.0	89.6	91.8	93.1	93.4	94.7	95.8	96.2	97.5	98.2	98.2	98.7	99.0	99.2	99.4
≥ 0	79.9	87.0	89.6	91.8	93.1	93.4	94.7	95.8	96.2	97.5	98.2	98.2	98.7	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2708

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,48-74 YEARS — DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.6	60.7	61.1	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	66.4	69.7	70.1	70.3	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	66.8	70.1	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
≥ 16000	66.9	70.4	70.7	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	67.8	71.3	71.6	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 12000	69.7	73.6	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 10000	71.0	75.1	75.7	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	71.4	75.7	76.4	76.6	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
≥ 8000	72.4	76.9	77.6	77.8	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
≥ 7000	73.0	77.8	78.5	78.7	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
≥ 6000	73.4	78.2	78.9	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	74.2	79.0	79.7	80.0	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	74.8	79.6	80.4	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9
≥ 4000	75.5	80.4	81.2	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 3500	76.1	81.2	82.1	82.3	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	76.6	81.8	82.8	83.0	83.2	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	77.7	83.4	84.4	84.8	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	78.3	84.3	85.3	85.7	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 1800	78.5	84.6	85.6	86.1	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	78.9	85.3	86.5	87.2	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 1200	79.3	85.9	87.1	87.8	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	79.6	86.6	88.0	88.9	89.8	89.8	89.9	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	79.7	86.9	88.5	89.5	90.3	90.3	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 800	79.7	87.2	88.8	90.2	91.2	91.2	91.5	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 700	79.9	87.6	89.3	90.6	91.6	91.7	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 600	80.0	88.0	89.8	91.3	92.4	92.4	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 500	80.1	88.2	90.0	91.5	92.8	92.9	93.4	93.8	93.9	94.2	94.3	94.3	94.4	94.4	94.5	94.5
≥ 400	80.1	88.5	90.4	91.9	93.3	93.4	94.0	94.5	94.6	95.0	95.2	95.2	95.4	95.4	95.4	95.4
≥ 300	80.1	88.7	90.8	92.4	93.9	94.0	94.7	95.4	95.5	96.1	96.4	96.4	96.6	96.7	96.7	96.7
≥ 200	80.1	88.8	90.9	92.5	94.1	94.3	95.1	95.9	96.1	96.8	97.1	97.1	97.5	97.6	97.7	97.7
≥ 100	80.1	88.8	91.0	92.6	94.3	94.4	95.3	96.1	96.3	97.2	97.6	97.7	98.3	98.5	98.7	98.8
0	80.1	88.8	91.0	92.6	94.3	94.4	95.3	96.1	96.3	97.2	97.6	97.7	98.3	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2197

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.9	64.7	65.0	65.4	65.5	65.5	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
≥ 20000	67.9	71.2	71.8	72.3	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 18000	68.1	71.4	72.0	72.5	72.6	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥ 16000	68.4	71.7	72.3	72.8	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥ 14000	69.3	72.8	73.4	73.9	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 12000	70.7	74.3	74.9	75.4	75.5	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 10000	72.5	76.3	77.0	77.6	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 9000	72.7	76.5	77.2	77.7	77.9	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 8000	73.5	77.6	78.3	78.9	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 7000	73.9	78.1	78.8	79.4	79.5	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 6000	74.3	78.5	79.2	79.8	79.9	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 5000	75.4	79.6	80.3	80.9	81.0	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 4500	75.7	79.9	80.7	81.3	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 4000	76.3	80.5	81.2	81.8	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 3500	76.6	81.0	81.9	82.5	82.6	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 3000	76.9	81.3	82.3	82.9	83.1	83.1	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.7
≥ 2500	77.6	82.3	83.2	83.9	84.2	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 2000	78.4	83.6	84.8	85.6	85.9	85.9	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.6	86.7
≥ 1800	78.5	83.9	85.0	85.8	86.1	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.9
≥ 1500	78.8	84.4	85.6	86.4	86.7	86.7	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.5	87.5	87.6
≥ 1200	79.3	85.1	86.4	87.2	87.6	87.6	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.5
≥ 1000	79.6	85.8	87.3	88.3	88.7	88.7	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.5	89.5	89.6
≥ 900	79.9	86.2	87.8	88.8	89.2	89.2	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.1	90.1	90.2
≥ 800	79.7	86.4	88.0	89.1	89.6	89.6	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.5	90.5	90.6
≥ 700	79.7	86.6	88.2	89.4	90.0	90.0	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.9	90.9	91.0
≥ 600	79.8	86.8	88.4	89.6	90.2	90.3	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.3
≥ 500	80.0	87.3	89.1	90.5	91.3	91.3	92.1	92.3	92.3	92.6	92.7	92.7	92.9	93.1	93.1	93.2
≥ 400	80.0	87.4	89.3	90.9	91.8	91.9	92.7	92.9	92.9	93.3	93.4	93.4	93.6	93.8	93.8	93.9
≥ 300	80.1	87.5	89.8	91.5	92.6	92.7	93.7	94.0	94.0	94.5	94.8	94.8	94.9	95.1	95.1	95.2
≥ 200	80.1	87.6	89.9	91.8	93.1	93.2	94.5	95.0	95.2	95.7	96.1	96.1	96.4	96.6	96.6	96.7
≥ 100	80.1	87.6	89.9	91.8	93.1	93.2	94.7	95.2	95.4	96.3	96.7	96.9	97.4	97.5	97.7	97.9
≥ 0	80.1	87.6	89.9	91.8	93.1	93.2	94.7	95.3	95.4	96.4	96.7	97.1	97.6	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1815

SKY COVER SUMMARY

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

PART D SKY COVER

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

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

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

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

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

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

S74-29965

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46-70	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	29.5	5.0	5.2	3.9	3.2	2.2	2.6	3.5	4.8	3.6	36.5	5.3	14624
FEB		28.9	5.3	5.4	4.6	3.2	2.1	3.1	4.1	4.8	3.2	35.3	5.2	12597
MAR		27.7	4.6	5.3	4.9	3.5	2.6	3.0	4.1	5.3	3.7	35.3	5.3	13534
APR		27.1	4.3	4.7	4.6	4.1	3.4	3.0	4.7	6.2	5.1	33.0	5.4	12983
MAY		20.5	5.4	5.6	5.6	4.7	3.9	4.6	5.6	7.6	5.7	30.9	5.6	13692
JUN		23.7	6.9	7.2	6.8	6.0	4.8	4.0	6.5	7.9	6.1	20.0	4.8	13662
JUL		22.5	8.7	7.4	7.8	6.7	5.4	4.6	7.0	7.9	5.7	16.4	4.6	13917
AUG		30.7	8.2	7.4	6.7	5.9	4.8	4.1	5.8	6.3	4.8	15.3	4.0	14135
SEP		39.0	6.7	6.1	5.3	4.1	3.2	3.0	4.4	5.2	4.5	18.4	3.8	13627
OCT		42.9	6.2	5.2	4.4	3.4	2.5	2.9	3.9	4.7	3.6	20.5	3.7	14271
NOV		40.8	5.5	5.4	4.2	3.2	2.2	2.9	3.7	4.6	3.2	24.4	4.0	13656
DEC		33.6	5.8	5.5	4.4	3.3	2.1	3.0	3.7	4.9	3.6	30.1	4.7	13690
TOTALS		30.6	6.1	5.9	5.3	4.3	3.3	3.4	4.8	5.9	4.4	26.3	4.7	164388

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 46-47,49-70 (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	38.8	3.8	4.8	3.8	3.1	2.3	2.2	2.3	2.8	1.9	34.3	4.6	1303
	03-05	39.4	2.5	4.0	3.6	2.8	1.3	2.2	3.2	3.7	1.3	35.8	4.8	1633
	06-08	29.8	4.7	5.1	3.7	2.9	2.1	2.3	3.0	5.9	3.5	37.0	5.3	2036
	09-11	21.7	6.4	5.1	3.3	3.0	2.1	2.8	4.3	5.7	5.4	40.2	5.9	2145
	12-14	20.0	6.4	5.3	4.0	3.0	2.5	2.7	4.7	6.0	5.2	40.2	6.0	2150
	15-17	20.6	6.1	5.1	4.3	3.4	3.3	2.4	3.9	6.1	6.1	38.7	5.9	2130
	18-20	27.1	6.1	6.6	4.9	3.6	2.2	3.4	3.9	5.0	3.6	33.6	5.2	1785
	21-23	38.3	4.2	5.5	3.7	3.7	2.0	2.5	2.5	3.5	1.7	32.3	4.5	1442
TOTALS		29.5	5.0	5.2	3.9	3.2	2.2	2.6	3.5	4.8	3.6	36.5	5.3	14624

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46,49-70	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	36.3	3.6	5.0	3.9	3.1	1.6	2.8	3.3	3.2	1.5	35.6	4.8	1101
	03-05	38.0	2.4	4.7	3.8	2.4	1.5	2.4	3.9	2.5	1.8	36.6	4.8	1394
	06-08	27.8	5.0	4.8	4.5	2.9	2.0	2.0	4.1	4.8	3.2	39.0	5.5	1740
	09-11	24.0	6.1	4.1	3.4	2.9	2.3	3.3	3.7	5.6	5.7	38.9	5.8	1871
	12-14	22.2	6.7	5.0	5.2	3.3	2.8	3.5	4.3	5.8	4.0	37.1	5.6	1872
	15-17	21.6	7.1	6.3	4.5	4.3	2.9	3.4	5.5	6.7	4.9	32.7	5.5	1848
	18-20	26.2	6.4	7.3	6.1	3.4	2.5	4.0	4.7	5.2	3.0	31.2	5.0	1552
	21-23	35.4	5.2	5.6	5.3	3.3	1.3	3.6	3.1	4.6	1.5	31.3	4.6	1219
TOTALS		28.9	5.3	5.4	4.6	3.2	2.1	3.1	4.1	4.8	3.2	35.3	5.2	12597

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46-49-70	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	39.4	3.1	5.2	5.0	2.6	1.7	2.4	3.1	3.3	1.9	32.4	4.5	1146
	03-05	40.6	2.4	4.1	4.2	3.0	2.0	2.8	3.0	2.9	1.1	33.9	4.5	1481
	06-08	24.8	5.7	5.9	5.2	3.4	2.5	2.4	3.7	5.6	4.1	36.7	5.5	1890
	09-11	21.0	5.7	4.3	4.3	3.8	2.5	2.4	4.2	5.8	5.2	41.0	6.0	2013
	12-14	19.0	4.8	4.3	4.1	3.1	3.5	3.7	4.4	7.0	6.8	39.6	6.2	2000
	15-17	18.1	6.0	4.8	5.1	3.9	2.9	3.3	4.9	7.3	5.1	38.7	6.1	1979
	18-20	23.0	5.4	7.4	5.8	4.2	2.8	3.7	5.4	6.6	3.8	31.8	5.3	1672
	21-23	35.8	3.5	6.7	5.5	4.3	2.5	3.5	3.7	4.1	1.8	28.5	4.4	1353
TOTALS		27.7	4.6	5.3	4.9	3.5	2.6	3.0	4.1	5.3	3.7	35.3	5.3	13534

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46-49-70	APR
STATION	STATION NAME	PERIOD	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	43.1	2.3	2.8	3.6	3.7	1.8	2.2	2.9	4.0	2.4	31.2	4.4	1100
	03-05	35.7	3.3	4.9	4.0	4.9	2.1	2.9	3.5	5.2	2.6	31.1	4.7	1436
	06-08	19.7	5.2	5.3	3.8	3.7	3.2	3.3	5.3	7.1	6.0	37.5	6.0	1831
	09-11	20.8	4.0	4.1	4.2	4.4	4.0	2.6	5.0	6.3	6.0	38.6	6.0	1936
	12-14	17.9	4.6	4.8	5.2	3.3	3.9	3.6	6.1	8.3	7.5	34.8	6.1	1935
	15-17	19.7	4.8	4.9	4.4	4.2	4.4	3.6	6.1	7.9	7.8	32.2	5.9	1902
	18-20	23.0	6.0	4.6	6.3	5.2	4.6	3.1	5.1	7.4	5.7	29.1	5.3	1592
	21-23	36.7	4.5	5.8	5.3	3.1	2.9	2.5	3.6	3.0	3.0	29.6	4.5	1251
TOTALS		27.1	4.3	4.7	4.6	4.1	3.4	3.0	4.7	6.2	5.1	33.0	5.4	12983

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46,49-70	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	32.4	3.5	4.7	5.7	4.0	3.1	4.7	3.0	4.2	2.1	32.6	4.9	1188
	03-05	24.4	4.3	6.1	6.8	4.0	3.3	3.4	5.6	7.0	4.1	31.1	5.3	1506
	06-08	16.3	4.2	4.9	4.6	4.1	2.9	4.4	5.4	9.0	5.9	38.3	6.3	1910
	09-11	18.8	5.4	3.9	4.1	4.2	3.9	5.2	5.8	8.6	6.5	33.7	6.0	2019
	12-14	15.3	6.1	5.6	4.4	5.3	5.4	5.0	6.9	8.5	7.3	30.3	5.9	2018
	15-17	14.1	5.8	5.9	5.7	6.4	4.7	5.6	6.9	9.7	8.1	27.1	5.9	1982
	18-20	16.2	7.8	7.0	6.7	4.9	3.9	4.7	6.3	7.8	8.2	26.6	5.5	1683
	21-23	26.7	6.3	6.9	7.0	4.3	3.9	3.9	4.6	5.7	3.1	27.6	4.8	1386
TOTALS		20.5	5.4	5.6	5.6	4.7	3.9	4.6	5.6	7.6	5.7	30.9	5.6	13692

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46,49-70	JUN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	41.8	4.7	6.0	6.4	4.1	2.3	2.5	2.3	5.6	2.5	21.8	3.8	1199
	03-05	27.0	6.1	8.8	6.3	5.5	3.8	3.0	5.2	6.5	2.5	25.3	4.7	1503
	06-08	18.3	7.2	6.1	5.0	5.6	4.8	3.5	5.8	7.9	8.4	27.6	5.6	1890
	09-11	18.3	7.7	6.6	5.7	5.2	4.6	4.1	6.7	10.1	7.5	23.5	5.4	2006
	12-14	15.4	6.3	5.8	7.0	6.8	7.4	4.2	10.4	10.8	8.5	17.3	5.4	2006
	15-17	15.4	5.9	7.0	9.4	9.0	7.9	6.1	9.5	9.4	7.4	12.9	5.0	1960
	18-20	21.3	9.9	8.4	7.7	6.1	4.5	4.7	7.7	8.0	8.2	13.6	4.5	1685
	21-23	32.1	7.6	9.0	7.1	5.7	3.3	4.2	4.7	5.1	3.6	17.6	3.9	1413
TOTALS		23.7	6.9	7.2	6.8	6.0	4.8	4.0	6.5	7.9	6.1	20.0	4.8	13662

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46,49-70	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	40.6	6.7	7.7	6.6	5.6	3.6	3.2	3.9	4.3	2.1	15.5	3.4	1235
	03-05	29.4	9.4	6.7	7.2	7.2	3.2	3.0	4.7	6.7	3.9	18.7	4.2	1523
	06-08	17.4	8.3	7.2	6.7	5.5	3.4	3.8	7.7	9.2	8.2	22.5	5.3	1914
	09-11	19.0	9.3	6.4	6.4	6.0	4.6	4.4	8.1	7.2	7.1	21.6	5.1	2042
	12-14	11.3	7.3	6.7	7.7	7.5	8.5	5.8	9.5	11.4	7.3	17.1	5.5	2041
	15-17	11.1	7.6	6.2	10.5	7.9	9.6	6.7	9.2	10.8	8.2	12.1	5.2	1994
	18-20	19.6	10.8	8.3	9.1	7.0	5.7	5.4	8.2	8.6	6.4	10.9	4.4	1717
	21-23	31.3	9.8	10.3	8.3	7.0	4.0	4.7	4.5	5.3	2.4	12.4	3.5	1451
TOTALS		22.5	8.7	7.4	7.8	6.7	5.4	4.6	7.0	7.9	5.7	16.4	4.6	13917

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46-49-70	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (PST)	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	32.1	4.9	6.4	4.3	3.0	3.5	3.3	3.8	2.4	2.5	13.9	2.9	1216
	03-05	40.8	7.3	6.7	4.9	4.7	3.6	3.0	3.3	6.9	2.6	16.1	3.5	1542
	06-08	22.1	8.7	6.5	6.0	5.7	4.5	3.6	5.8	8.0	6.5	22.4	4.9	1960
	09-11	25.6	8.1	7.2	6.4	6.4	4.2	3.1	6.1	6.5	6.2	20.5	4.6	2097
	12-14	19.4	7.2	6.7	6.6	6.5	8.1	5.6	8.2	7.8	7.4	16.3	4.9	2092
	15-17	16.3	7.8	8.0	9.9	9.4	7.1	6.4	7.7	8.9	6.6	11.9	4.7	2047
	18-20	23.4	12.2	9.2	8.9	6.4	3.7	4.6	7.2	6.8	4.8	9.8	3.8	1742
	21-23	42.7	8.9	8.1	6.9	5.1	3.8	3.3	4.6	3.3	1.5	11.7	2.9	1439
TOTALS		30.7	8.2	7.4	6.7	5.9	4.8	4.1	5.8	6.3	4.8	15.3	4.0	14135

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46,49-70	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	37.5	4.5	4.6	4.5	2.6	1.2	1.9	2.9	2.7	2.1	15.4	2.7	1212
	03-05	50.6	4.7	5.1	4.5	2.5	1.9	2.3	2.9	2.9	2.7	19.9	3.3	1502
	06-08	30.9	7.9	6.3	4.8	4.0	3.6	2.4	4.4	5.8	6.0	24.0	4.5	1878
	09-11	31.8	6.4	5.8	5.0	4.7	3.0	3.0	4.7	6.3	5.7	23.5	4.5	1992
	12-14	25.0	7.3	6.2	6.0	5.9	5.3	4.4	6.4	6.7	6.6	20.3	4.7	1998
	15-17	26.1	8.7	6.7	7.3	6.0	5.0	3.8	6.1	7.1	6.6	16.6	4.4	1952
	18-20	38.5	8.0	8.0	5.8	3.7	2.9	3.7	4.9	6.1	4.1	14.1	3.5	1681
	21-23	51.0	5.8	6.1	4.8	3.4	3.0	2.3	3.0	4.0	2.0	13.7	2.8	1412
TOTALS		39.0	6.7	6.1	5.3	4.1	3.2	3.0	4.4	5.2	4.5	18.4	3.8	13627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46,48-70	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	37.5	4.2	3.9	3.6	1.8	1.1	2.7	2.7	2.7	1.3	18.5	2.9	1256
	03-05	54.5	3.9	5.1	3.1	2.6	1.1	1.6	2.8	3.5	1.3	20.7	3.1	1564
	06-08	34.6	7.1	6.8	5.3	3.0	2.6	2.7	4.0	6.1	4.6	23.3	4.3	1981
	09-11	32.8	7.2	5.1	4.5	3.9	3.2	3.3	4.1	5.0	4.7	26.1	4.5	2114
	12-14	33.1	6.4	5.0	4.4	3.8	3.8	3.5	4.8	5.4	6.0	23.7	4.5	2121
	15-17	34.2	8.2	5.8	4.5	3.7	3.0	3.8	5.2	6.2	5.6	19.7	4.2	2073
	18-20	41.5	7.4	5.2	5.9	5.7	3.1	2.7	4.2	4.9	3.4	16.0	3.5	1753
	21-23	54.6	5.4	4.6	3.7	2.4	1.8	2.5	3.1	4.0	1.8	16.1	2.7	1409
TOTALS		42.9	6.2	5.2	4.4	3.4	2.5	2.9	3.9	4.7	3.6	20.5	3.7	14271

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46,48-70	NOV
STATION	STATION NAME	PERIOD	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		
NOV	00-02	36.2	2.5	3.3	4.5	2.2	1.2	2.6	3.0	2.9	1.6	19.9	3.1	1163
	03-05	52.7	2.8	5.7	3.9	2.4	1.2	2.3	2.3	3.0	.9	22.8	3.3	1492
	06-08	35.1	5.8	6.7	4.1	3.2	2.3	2.6	4.0	6.3	3.5	26.2	4.4	1887
	09-11	28.8	7.0	5.7	3.9	3.0	2.8	2.9	4.7	5.5	5.0	30.7	5.0	2039
	12-14	28.8	7.0	5.4	4.7	3.8	2.5	3.1	4.7	5.3	5.2	29.4	4.9	2044
	15-17	28.1	9.4	5.8	4.2	3.8	3.2	4.2	4.5	6.2	4.6	26.2	4.7	2015
	18-20	40.8	6.2	6.8	4.7	3.6	2.4	3.2	4.0	4.5	2.9	21.0	3.8	1684
	21-23	55.7	3.5	3.5	3.8	3.2	2.0	2.6	2.6	2.9	1.6	18.6	3.0	1327
TOTALS		40.8	5.5	5.4	4.2	3.2	2.2	2.9	3.7	4.6	3.2	24.4	4.0	13650

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13909	VANCE AFB OKLAHOMA/ENID	46-48-70	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOT 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	48.9	3.3	5.5	3.1	2.8	1.4	2.6	2.3	3.4	2.0	24.9	3.7	1211
	03-05	46.9	3.5	4.6	4.1	2.3	1.6	2.9	2.5	1.5	1.6	28.4	3.9	1493
	06-08	31.0	6.6	5.5	4.5	3.5	1.7	3.3	4.0	5.6	3.3	31.1	4.9	1905
	09-11	23.1	7.2	4.6	4.7	3.4	2.3	2.5	4.1	6.2	5.5	36.3	5.6	2052
	12-14	20.3	8.6	4.9	4.8	3.5	2.8	2.7	4.3	6.6	5.8	35.7	5.7	2064
	15-17	21.7	7.1	6.3	5.3	3.5	2.9	3.7	4.2	6.5	6.0	32.8	5.5	2010
	18-20	33.1	6.5	6.4	4.7	4.1	2.4	3.3	4.1	5.3	2.9	27.2	4.5	1633
	21-23	43.5	3.9	6.4	4.0	3.3	1.4	3.2	4.2	3.8	1.7	24.7	3.9	1322
TOTALS		33.6	5.8	5.5	4.4	3.3	2.1	3.0	3.7	4.9	3.6	30.1	4.7	13690

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

E

Continued on Reverse

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-75 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						.1	.3	.4					.1
105						.4	3.4	4.2	.1				.7
100				.1	.1	4.7	18.4	18.3	2.5				3.8
95				.2	1.9	20.3	47.1	42.1	11.9	.6			10.5
90			.4	1.9	11.5	47.2	70.0	66.5	28.2	4.9			19.5
85		.1	1.6	7.2	27.9	70.2	86.6	83.5	46.3	13.5	.1		28.4
80	.2	.7	6.5	19.3	47.7	86.5	95.6	93.1	64.7	29.6	1.4	.1	37.4
75	.5	2.1	12.0	34.7	67.0	93.9	99.1	97.4	80.2	47.6	7.3	.5	45.5
70	1.9	6.9	22.9	51.3	82.8	98.4	99.6	99.5	89.5	63.5	18.7	2.0	53.3
65	5.9	14.3	34.0	66.0	92.1	99.5	99.8	99.8	95.4	76.7	34.0	7.8	60.6
60	14.4	24.8	48.7	80.8	96.7	99.9	100.0	100.0	98.3	89.0	47.5	16.8	68.2
55	26.4	38.2	60.1	90.4	98.8	100.0			99.5	95.1	62.8	28.2	75.1
50	40.9	53.7	71.1	95.9	99.8				99.9	98.1	75.2	44.0	81.6
45	53.8	66.7	81.8	98.9	99.9				100.0	99.5	85.5	66.3	87.2
40	66.5	76.9	90.0	99.6	100.0					100.0	92.9	78.4	91.6
35	76.9	86.6	95.3	99.9							97.3	84.4	95.0
30	84.7	93.6	98.4	100.0							99.6	92.4	97.4
25	90.3	97.3	99.4								100.0	96.5	98.6
20	93.0	99.8	99.8									98.8	99.4
15	97.9	100.0	99.9									99.9	99.8
10	99.6		100.0									100.0	100.0
5	100.0												100.0
MEAN	44.7	50.0	58.1	69.3	78.3	88.0	93.0	92.1	82.7	72.9	58.0	47.3	69.5
S D	13.962	13.131	13.929	10.887	7.549	7.775	7.327	7.972	10.042	10.582	14.212	12.149	20.157
TOTAL OBS	951	874	940	911	917	940	957	980	934	966	930	930	11290

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-75 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
90							.3	.1					.0
85						.3	1.5	.3					.2
80						2.2	5.3	3.9	.6				1.0
75				.2	1.4	12.9	28.4	23.4	4.1	.1			6.0
70				1.0	8.1	36.9	69.6	60.8	19.8	1.9			16.8
65			.4	4.5	20.2	68.1	92.3	88.0	40.3	6.8			27.1
60	.1		2.2	14.8	44.8	89.0	98.3	97.6	62.0	18.6	1.9	.1	36.1
55	.3	.5	5.3	27.6	68.9	96.4	99.9	99.5	82.2	36.1	5.6	1.0	48.9
50	1.0	1.7	11.7	47.9	84.7	99.5	100.0	100.0	94.1	58.6	13.1	1.6	61.2
45	2.6	5.0	22.0	64.4	93.9	100.0			98.4	79.1	23.4	4.3	68.0
40	7.1	14.4	38.6	81.3	97.8				99.8	90.5	42.7	10.6	85.4
35	18.0	29.6	56.3	92.4	99.9				100.0	97.0	63.6	24.8	93.6
33	25.6	39.2	64.8	95.0						99.3	72.4	34.4	97.6
30	39.2	54.5	75.7	97.6	100.0					99.6	81.5	51.5	98.8
25	59.9	73.7	88.6	99.8						99.9	93.2	71.8	99.6
20	73.6	87.2	95.3	99.9						100.0	97.4	86.5	99.0
15	84.6	94.4	97.7	100.0							99.5	93.4	99.4
10	92.2	98.4	98.9								100.0	96.9	99.8
5	96.5	99.7	99.6									99.0	99.5
0	99.1	99.9	100.0									100.0	99.9
-5	99.8	100.0											100.0
-10	100.0												100.0
MEAN	25.7	29.9	36.6	48.5	58.0	67.3	71.8	70.6	62.0	51.4	38.0	29.0	49.1
S D	10.517	9.228	10.649	9.757	8.173	6.406	5.189	5.354	7.920	8.701	9.629	9.198	18.404
TOTAL OBS	991	874	940	911	917	940	987	980	934	966	950	930	11290

USAF ETAC FORM JU: 54 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
95							1.6	.6					.2
90						2.3	9.1	9.7	.5				1.9
85					.7	16.3	39.7	32.2	6.3				8.1
80				.3	8.3	43.0	71.2	64.6	22.5	1.6			17.9
75			.2	4.1	23.7	71.4	91.1	87.1	42.3	7.2	.1		27.6
70			2.2	14.9	46.6	88.7	98.2	96.7	68.1	22.4	.5		36.6
65		.6	7.6	31.2	69.2	96.6	99.5	99.7	84.6	42.5	4.3		44.9
60	.7	1.8	14.9	48.7	86.4	99.8	100.0	99.9	92.8	62.6	13.1	1.4	52.1
55	2.8	7.4	27.9	66.7	93.6	99.9		100.0	96.0	82.1	27.2	3.9	59.3
50	9.4	19.0	44.1	83.6	99.0	100.0			99.6	92.0	45.5	12.2	67.2
45	21.4	36.6	60.1	93.6	99.7				99.9	97.8	64.8	26.5	75.1
40	38.8	54.3	76.1	98.4	100.0				100.0	99.6	80.5	48.1	83.0
33	57.1	72.4	86.6	99.8						99.9	92.0	67.0	89.6
30	71.7	84.2	94.9	99.9						100.0	96.7	81.6	94.1
25	82.0	92.2	98.0	100.0							98.4	90.9	96.8
20	88.6	96.7	99.0								99.9	96.2	98.3
15	94.3	99.7	99.5								100.0	98.4	99.3
10	98.1	99.9	100.0									99.8	99.8
5	99.5	100.0										100.0	100.0
0	100.0												100.0
MEAN	35.3	40.1	47.5	59.0	68.3	77.8	82.5	81.6	72.5	62.3	48.2	38.3	59.3
S D	11.527	10.329	11.470	9.456	8.068	6.577	5.753	6.107	8.305	9.744	9.788	9.813	10.910
TOTAL OBS	991	874	940	911	917	940	937	980	934	966	950	930	11290

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

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

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42	70	69	78	86	94	96	102	102	92	84	80	66	102
43	80	78	83	88		98	104	109	95	85	78	62	
44	66	76	72	81	93	101	101	105	101	87	80	58	105
45	68	68	82	82	93	95	99	104	100	84	87	70	104
46	71	75			* 92	100	103	109	91	82	70	74	
47	65												
48										* 80	70	76	
49	67	65	76	86	92	99	105	100	97	91	80	68	105
50	79	75	83	89	98	102	93	98	91	93	77	73	102
51	72	78	84	90	92	96	106	110	105	98	71	79	110
52	72	71	78	87	92	104	108	109	98	96	82	66	109
53	75	72	86	92	103	110	104	99	104	95	77	63	110
54	69	81	83	96	88	102	114	106	102	96	81	69	114
55	66	74	87	94	91	94	102	101	97	88	75	83	102
56	68	80	86	90	99	103	104	107	102	95	81	74	107
57	70	73	78	80	87	97	102	104	101	90	80	68	104
58	62	72	64	90	99	107	102	101	97	92	77	67	107
59	67	73	84	90	94	101	97	102	98	84	75	71	102
60	69	72	81	85	89	102	103	101	95*	90**	76**	65	103
61	** 64	** 72	** 78	** 90	** 91	** 95	** 100	** 100	** 99	** 84	** 70	** 65	** 100
62	** 70	** 85	** 82	** 86	** 95	** 93	** 101	** 104	** 97	** 92	** 71	** 69	** 104
63	** 69	** 74	** 85	** 91	** 93	** 95	** 109	** 103	** 93	** 94	** 79	** 66	** 103
64	** 74	** 56	** 78	** 86	** 92	** 96	** 105	# 108	** 97	# 82	** 78	** 68	# 108
65	** 71	** 74	# 75	# 86	** 88	# 96	** 102	# 99	** 102	# 95	** 77	** 73	** 102
66	** 60	** 67	# 86	# 85	** 92	# 96	** 103	# 102	** 88	# 91	** 81	** 78	** 103
67	** 80	** 72	# 90	# 88	** 98	# 97	** 103	# 100	** 87	# 86	** 71	** 63	** 103
68	** 68	** 63	# 81	# 84	** 88	# 97	** 99	# 104	** 93	# 88	** 70	** 65	# 104
69	** 68	** 75	** 80	# 81	** 92	# 99	** 106	# 111	** 97	# 91	** 78	** 70	# 111
70	** 68	** 77	# 75	# 90	** 92	# 102	** 108	# 110	** 103	# 87	** 73	** 77	# 110
71	** 75	** 72	# 92	# 88	** 95	# 100	** 107	# 99	** 102	** 86	** 78	** 68	** 107
MEAN													
S D													
TOTAL OBS													

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

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

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
72	** 62	** 80	# 85	# 100	** 90	# 98	** 102	# 101	** 98	** 91	** 71	** 68	** 102
73	** 61	** 65	** 75	# 80	** 97	# 96	** 99	# 101	** 92	** 86	** 81	** 68	# 101
74	** 63	** 69	# 93	# 80	# 93	# 99	# 106	# 99	# 92	# 84	# 73	# 60	# 106
75	61	59	80	85	86	94	99	100	96	91	78		
MEAN	68.8	72.3	81.3	87.3	92.9	98.8	102.9	105.4	97.0	89.0	76.5	69.1	105.2
S D	5.249	6.206	5.368	4.720	3.862	3.902	3.799	3.900	4.635	4.760	4.360	5.639	3.506
TOTAL OBS	991	874	940	911	917	940	957	980	934	966	950	930	11290

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

USAF ETAC FORM JUL 67 0-88-5 (OLI)

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

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-73 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
42	-1	5	28	35	37	51	62	62	39	27	18	15	-1
43	-5	16	2	32		57	64	53	51	31	24	4	
44	8	10	14	32	35	54	61	56	48	39	17	19	8
45	19	8	21	26	36	54	60	61	42	30	18	7	7
46	16	20			*	52	49	65	55	44	37	23	8
47	-8												
48										*	40	21	16
49	0	12	23	33	50	62	66	59	42	30	27	16	0
50	5	15	11	28	45	51	59	51	34	44	12	3	-3
51	1	-3	21	32	45	50	62	63	44	33	20	5	-3
52	13	22	14	27	40	63	57	67	49	34	19	16	13
53	9	14	25	29	37	61	56	61	52	33	19	11	9
54	2	20	13	31	31	49	73	65	54	30	22	14	2
55	16	12	10	39	58	50	64	61	53	32	14	13	10
56	11	12	15	30	48	54	68	58	52	41	15	17	11
57	9	19	23	25	43	55	60	64	50	24	23	14	9
58	16	9	22	34	48	52	60	60	45	38	18	1	1
59	-7	6	21	30	47	60	61	65	47	33	12	23	-7
60	13	10	0	35	37	58	64	63	55*	49**	24**	18	0
61	**5	**15	**25	**32	**39	**54	**62	**53	**46	**39	**26	1	**1
62	**-3	**5	**3	**31	**44	**58	**65	**58	**44	**36	**29	2	**-3
63	**-1	**14	**23	**41	**40	**59	**65	**60	**48	**44	**29	4	**-1
64	**4	**15	**14	**30	**46	**48	**59 #	59**	46 #	31**	16**	5	**4
65	**15	**7 #	13 #	32**	50 #	61**	60 #	65**	47 #	36**	29**	22	**7
66	**1	**5 #	13 #	27**	35 #	53**	70 #	56**	47 #	34**	16**	8	**1
67	**9	**14 #	4 #	38**	37 #	54**	58 #	56**	37 #	33**	27**	14	# 4
68	**2	**13 #	18 #	29**	44 #	53**	62 #	58**	48 #	32**	26**	0	**0
69	**8	**20	**17 #	39**	45 #	49**	65 #	67**	37 #	34**	18**	14	**8
70	**3	**16 #	17 #	28**	43 #	54**	54 #	64**	53 #	30**	16**	18	**3
71	**9	**6 #	18 #	27**	36 #	62**	58 #	60**	44**	45**	30**	23	**6
MEAN													
S. D.													
TOTAL OBS.													

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

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

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

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-75
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
72	*# 2	*# 8	# 20	# 31	*# 44	# 53	*# 57	# 64	*# 46	*# 33	*# 25	*# 6	*# 2
73	*# 0	*# 15	# 34	# 28	*# 40	# 54	*# 63	# 62	*# 44	*# 35	*# 32	*# 8	*# 0
74	*# 5	*# 19	# 12	# 30	# 48	# 54	# 63	# 57	# 46	# 38	# 18	# 16	*# 5
75	13	4	19	19	47	52	58	66	43	30	10		
MEAN	5.7	12.0	16.7	31.0	42.6	54.6	61.9	60.1	47.4	35.0	20.8	11.3	3.4
S D	7.103	5.828	7.720	4.542	5.666	4.286	4.098	4.493	4.731	5.472	5.517	6.991	4.747
TOTAL OBS	991	874	940	911	917	940	957	980	934	966	950	930	11290

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

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-75 YEARS | ALL 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				
114/113																	.0	2	2		
112/111																	.0	4	4		
110/109																	.0	22	22		
108/107																.0	.0	52	52		
106/105														.0	.0	.0	.0	146	146		
104/103										.0		.0	.0	.0	.0	.1	.0	339	339		
102/101										.0	.0	.0	.0	.1	.1	.1	.0	658	658		
100/ 99							.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	1186	1186		
98/ 97					.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	1662	1662		
96/ 95					.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1	.0	.0	2331	2331		
94/ 93					.0	.0	.0	.0	.1	.2	.4	.3	.1	.1	.0	.0	.0	2778	2778		
92/ 91					.0	.0	.0	.1	.3	.4	.3	.2	.1	.1	.0	.0	.0	3402	3402		
90/ 89				.0	.0	.0	.1	.2	.4	.4	.3	.2	.1	.0	.0	.0	.0	4107	4107	1	
88/ 87			.0	.0	.0	.1	.2	.4	.4	.3	.2	.1	.1	.0	.0	.0		4307	4307	4	1
86/ 85		.0	.0	.0	.0	.2	.5	.5	.4	.2	.2	.1	.1	.0	.0	.0		5126	5127	21	2
84/ 83			.0	.0	.2	.4	.5	.4	.3	.2	.1	.1	.1	.0	.0	.0	.0	5555	5555	37	11
82/ 81	.0	.0	.0	.1	.4	.5	.5	.4	.3	.2	.1	.1	.0	.0	.0	.0		6067	6067	87	20
80/ 79		.0	.1	.3	.6	.7	.5	.3	.3	.2	.1	.1	.0	.0	.0			7062	7063	382	52
78/ 77	.0	.0	.2	.6	.7	.5	.4	.3	.2	.2	.1	.1	.0	.0				7575	7577	1923	151
76/ 75	.0	.1	.5	.8	.7	.5	.4	.3	.2	.2	.1	.1	.0	.0	.0			8489	8492	5940	378
74/ 73	.0	.3	.7	.7	.5	.4	.3	.2	.2	.1	.1	.0	.0	.0				8307	8315	10991	1509
72/ 71	.0	.5	.8	.6	.5	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0			8353	8361	13101	4626
70/ 69	.1	.6	.7	.5	.4	.4	.3	.2	.2	.1	.1	.0	.0	.0				8412	8417	13706	8915
68/ 67	.1	.6	.6	.5	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0				7768	7769	12030	11746
66/ 65	.1	.6	.6	.5	.4	.3	.3	.2	.2	.1	.0	.0						7616	7621	10385	12367
64/ 63	.1	.6	.6	.4	.4	.3	.3	.2	.2	.1	.0							7206	7210	9360	11526
62/ 61	.1	.6	.5	.4	.4	.3	.3	.2	.2	.1	.0	.0						6713	6716	8631	10621
60/ 59	.1	.5	.5	.4	.4	.4	.3	.2	.1	.0	.0							7102	7105	8367	9289
58/ 57	.1	.6	.5	.4	.4	.4	.3	.2	.1	.0								6814	6820	7791	8565
56/ 55	.1	.5	.5	.4	.4	.4	.3	.2	.0	.0								6791	6795	7887	8358
54/ 53	.1	.5	.4	.5	.4	.4	.3	.1	.0									6205	6207	7122	7536
52/ 51	.1	.5	.5	.5	.5	.4	.2	.1	.0									6156	6161	7282	6971
50/ 49	.1	.5	.5	.5	.5	.4	.2	.0	.0									6545	6550	7459	6479
48/ 47	.2	.5	.5	.6	.5	.3	.1	.0	.0									6349	6355	7724	6417

Element (X_i)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-75 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45	.2	.6	.6	.7	.5	.3	.1	.0	.0									6471	6481	7729	6489
44/ 43	.2	.6	.7	.6	.4	.2	.0	.0										6047	6056	7787	6479
42/ 41	.2	.6	.8	.6	.4	.1	.0											6120	6130	7673	6760
40/ 39	.2	.6	.9	.6	.3	.1	.0											6078	6087	7898	7123
38/ 37	.2	.7	.8	.6	.2	.0	.0											5802	5810	7645	6671
36/ 35	.2	1.0	.8	.4	.1	.0	.0											5858	5869	7418	7754
34/ 33	.2	1.0	.8	.3	.1	.0												5552	5562	7179	8219
32/ 31	.2	.9	.7	.3	.0	.0												4875	4887	7027	8505
30/ 29	.2	.9	.6	.2	.0													4304	4310	5707	8575
28/ 27	.2	.8	.4	.1	.0													3447	3449	5136	6961
26/ 25	.2	.6	.3	.1														2714	2715	3924	7337
24/ 23	.1	.5	.2	.0														2031	2033	2938	6120
22/ 21	.1	.5	.2	.0														1821	1823	2292	5031
20/ 19	.1	.4	.1	.0														1431	1432	1914	3777
18/ 17	.1	.3	.1	.0														1082	1084	1449	3603
16/ 15	.1	.3	.0															858	859	1162	3054
14/ 13	.1	.2	.0															571	573	782	2273
12/ 11	.1	.2	.0															532	532	608	1735
10/ 9	.0	.1	.0															421	421	546	1384
8/ 7	.0	.1	.0															239	239	310	1141
6/ 5	.0	.1																185	187	226	993
4/ 3	.0	.0																115	115	147	705
2/ 1	.0	.0																55	57	76	546
0/ -1	.0	.0																38	38	49	360
-2/ -3	.0	.0																18	18	18	187
-4/ -5	.0	.0																9	9	10	220
-6/ -7	.0	.0																5	5	6	141
-8/ -9	.0	.0																2	2	2	71
-10/-11																				1	53
-12/-13																					40
-14/-15																					11
-16/-17																					16
-18/-19																					6
-20/-21																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-75 YEARS | ALL MONTH

 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23																					1
-24/-25																					2
TOTAL	4.3	18.6	16.7	13.3	10.6	8.8	7.0	5.4	4.4	3.4	2.6	1.9	1.2	.9	.5	.3	.2	2 27888	228062	227890	227887

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean Nr. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1014658619	14477189	63.5	20.397	227848							
Dry Bulb	902720608	13568152	59.5	20.464	228062	2.7	956.0	3571.0	2630.0	1570.5	346.5	8760
Wet Bulb	673516477	11800787	51.8	16.566	227890	3.2	1326.2	2207.4	732.8	10.5		8760
Dew Point	541743649	10345081	45.4	17.790	227887	42.5	2431.0	1037.4	80.3	2.0		8760

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79												.0	.0	.0				5	5		
78/ 77									.0		.0							3	3		
76/ 75								.0				.0	.0					6	6		
74/ 73								.0			.0		.0					6	6		
72/ 71							.0		.0	.0	.0	.0						13	13		
70/ 69						.0	.0	.0	.0	.0	.0	.0						32	32		
68/ 67					.0	.0	.0	.0	.1	.0	.1							66	66		
66/ 65		.0	.0	.0	.1	.0	.1	.0	.1	.1	.0							76	76		
64/ 63		.1	.1	.0	.1	.0	.1	.1	.1	.1	.0							139	139	8	1
62/ 61	.0	.1	.1	.1	.0	.2	.2	.2	.1	.0								193	193	41	26
60/ 59	.0	.1	.1	.0	.1	.2	.3	.2	.1	.0								243	243	59	33
58/ 57	.0	.2	.1	.1	.2	.3	.4	.2	.1	.0								338	338	99	43
56/ 55	.1	.2	.1	.2	.3	.5	.4	.2	.0									404	404	126	82
54/ 53	.0	.2	.2	.3	.4	.6	.3	.1	.0									433	433	131	91
52/ 51	.1	.3	.3	.4	.6	.5	.3	.1	.0									533	533	219	100
50/ 49	.1	.4	.4	.5	.8	.7	.3	.1										637	638	388	122
48/ 47	.3	.5	.5	.7	.9	.6	.1	.0										703	703	565	173
46/ 45	.2	.6	.7	1.1	.8	.5	.1	.0										803	804	658	274
44/ 43	.3	.8	1.1	1.1	.8	.3	.1											885	886	769	326
42/ 41	.4	1.0	1.2	1.3	.8	.3	.1											1000	1003	944	413
40/ 39	.6	1.0	1.8	1.5	.8	.1	.0											1166	1168	1157	611
38/ 37	.5	1.7	2.0	1.4	.5	.1												1229	1229	1208	646
36/ 35	.6	2.4	2.2	1.1	.3	.0												1305	1306	1433	968
34/ 33	.6	3.2	2.1	.8	.2	.0												1374	1375	1549	1116
32/ 31	.6	2.7	1.9	.6	.1													1178	1181	1702	1436
30/ 29	.6	3.1	1.8	.5	.0													1203	1205	1375	1581
28/ 27	.6	2.9	1.3	.2	.0													1013	1013	1394	1328
26/ 25	.6	2.3	1.1	.2														822	822	1112	1531
24/ 23	.5	1.9	.8	.1														653	654	848	1345
22/ 21	.3	2.0	.9	.1														651	651	668	1096
20/ 19	.3	1.9	.7	.0														581	582	697	890
18/ 17	.3	1.7	.5	.0														492	493	608	972
16/ 15	.4	1.5	.2															405	405	543	818
14/ 13	.2	1.1	.1															307	307	386	630

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11	13 - 14	15 - 16	17 - 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	.3	1.3	.1															333	333	344	545
10/ 9	.3	1.0	.0															281	281	362	508
8/ 7	.2	.4	.0															127	127	181	468
6/ 5	.2	.4																120	121	134	487
4/ 3	.1	.3																81	81	99	367
2/ 1	.1	.2																48	49	67	267
0/ -1	.1	.1																34	34	44	197
-2/ -3	.0	.0																14	14	15	114
-4/ -5	.0	.0																9	9	9	111
-6/ -7	.0	.0																5	5	6	91
-8/ -9	.0	.0																2	2	2	44
-10/-11																				1	32
-12/-13																					32
-14/-15																					10
-16/-17																					15
-18/-19																					5
-20/-21																					3
-22/-23																					1
-24/-25																					2
TOTAL	9.6	37.6	22.4	12.3	7.9	4.9	2.8	1.3	.6	.3	.2	.1	.0	.0					19971		19951
																		19951		19951	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	101252207	1371997	68.8	18.577	19947							
Dry Bulb	27888737	698035	35.0	13.221	19971	2.4	311.8	4.9	.7	.1		744
Wet Bulb	21984319	623013	31.2	11.260	19951	2.9	395.2					744
Dew Point	15246333	492739	24.7	12.419	19951	24.5	556.6					744

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85													.0					3	3		
82/ 81										.0		.0						6	6		
80/ 79									.0	.0	.0	.0	.0	.0				13	13		
78/ 77								.0	.0	.0	.0	.0	.0					15	15		
76/ 75			.0				.0	.0	.0	.0	.0	.0	.0					28	28		
74/ 73					.0	.0		.0	.0	.0	.0	.1	.0					36	36		
72/ 71				.0	.0	.0	.0	.0	.1	.1	.1	.1	.0					78	78	1	
70/ 69			.0	.0	.0	.1	.1	.1	.1	.1	.1	.0						105	105		1
68/ 67				.0	.0	.1	.1	.1	.1	.1	.1							107	107		
66/ 65		.0	.0	.0	.1	.1	.1	.2	.2	.2	.1							184	184	6	1
64/ 63		.0	.1	.1	.1	.1	.2	.3	.3	.1	.0							232	232	17	3
62/ 61		.1	.1	.1	.2	.2	.2	.3	.2	.1	.0							262	262	37	7
60/ 59	.0	.1	.1	.2	.2	.3	.3	.4	.3	.1								356	356	80	16
58/ 57	.0	.1	.2	.2	.3	.5	.5	.4	.1	.0								409	409	115	39
56/ 55	.1	.2	.2	.3	.4	.6	.6	.4	.1	.0								496	496	205	64
54/ 53	.1	.3	.3	.3	.5	.7	.4	.2	.0									508	508	265	91
52/ 51	.2	.5	.5	.5	.7	.8	.5	.2	.0									673	673	407	161
50/ 49	.2	.6	.6	.7	.9	1.0	.5	.1	.0									786	786	548	255
48/ 47	.3	.7	.6	1.0	1.0	.9	.4	.0										835	835	710	268
46/ 45	.5	.9	.8	1.3	1.1	.6	.2	.0	.0									955	955	861	420
44/ 43	.5	.9	1.2	1.2	1.0	.4	.1											923	923	1000	453
42/ 41	.4	1.2	1.5	1.3	.8	.3	.0											957	958	1038	538
40/ 39	.5	1.5	1.8	1.4	.7	.2	.0											1082	1086	1251	656
38/ 37	.5	1.5	1.9	1.3	.5	.1												1019	1020	1260	703
36/ 35	.7	2.2	1.8	1.0	.4	.0												1083	1088	1324	1028
34/ 33	1.1	2.3	1.7	.8	.2	.0												1083	1084	1335	1264
32/ 31	.9	2.3	1.7	.7	.1	.0												1000	1003	1299	1303
30/ 29	.5	2.6	1.6	.4	.0													893	893	1146	1335
28/ 27	.5	2.4	1.1	.3	.0													740	742	1045	1168
26/ 25	.5	2.0	1.1	.1														647	647	864	1333
24/ 23	.4	1.6	.6	.1														456	457	650	1166
22/ 21	.3	1.7	.4	.0														421	421	565	1021
20/ 19	.4	1.3	.3	.0														333	333	434	725
18/ 17	.3	.9	.2															246	247	328	674

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15	.2	.7	.1														174	175	246	735
14/ 13	.2	.3	.0														95	97	153	524
12/ 11	.2	.2															71	71	89	392
10/ 9	.1	.1															41	41	61	328
8/ 7	.1	.1															36	36	36	237
6/ 5	.1	.1															22	23	30	185
4/ 3	.0	.0															6	6	9	135
2/ 1	.0	.0															2	2	2	87
0/ -1	.0																1	1	2	37
-2/ -3	.0	.0															4	4	3	18
-4/ -5																			1	37
-6/ -7																				19
-8/ -9																				3
-10/-11																				2
TOTAL	9.7	29.3	20.7	13.6	9.1	7.0	4.2	2.9	1.7	1.0	.4	.2	.1	.0			17422	17445	17422	17422

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	85065144	1161734	66.7	20.840	17414							
Dry Bulb	30470490	694082	39.8	12.794	17445	.2	200.3	15.1	3.9	.6		672
Wet Bulb	23303353	611857	35.1	10.207	17422	.2	268.5	.0				672
Dew Point	15961189	490057	28.1	11.178	17422	4.5	441.0	.0				672

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46;49-75 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.0	2	2		
92/ 91														.0				2	2		
90/ 89												.0				.0		5	5		
88/ 87												.0			.0	.0		10	10		
86/ 85											.0	.0	.0	.0	.0	.1		26	26		
84/ 83									.0	.0	.0	.0	.1	.0	.1	.0	.0	47	47		
82/ 81							.0	.0	.1	.1	.0	.1	.1	.1	.0	.0		76	76		
80/ 79							.0	.0	.1	.1	.1	.0	.1	.1	.0			86	86		
78/ 77						.0	.1	.1	.1	.1	.1	.1	.1	.1				133	133		
76/ 75					.0	.1	.1	.1	.1	.1	.1	.1	.1	.0				159	159		
74/ 73	.0			.0	.0	.1	.2	.1	.2	.1	.1	.1	.1	.0				193	193	1	1
72/ 71			.0	.0	.1	.1	.2	.2	.2	.1	.2	.1	.0					254	255		
70/ 69			.0	.1	.1	.2	.2	.3	.2	.3	.2	.1						345	345	3	
68/ 67	.0	.0	.1	.1	.2	.3	.3	.2	.3	.3	.2	.0						375	375	32	2
66/ 65		.0	.1	.2	.3	.3	.4	.4	.3	.3	.1	.0						494	494	84	10
64/ 63	.0	.1	.2	.3	.3	.4	.4	.4	.5	.3	.1							542	542	133	24
62/ 61		.2	.3	.3	.4	.3	.4	.5	.4	.2	.0							571	571	253	51
60/ 59	.0	.3	.4	.4	.5	.6	.5	.5	.4	.1	.0							686	686	366	116
58/ 57	.0	.4	.4	.4	.6	.5	.6	.5	.2	.1								723	723	535	190
56/ 55	.1	.5	.5	.5	.7	.7	.8	.5	.1									796	796	619	282
54/ 53	.2	.4	.5	.7	.7	.9	.7	.2	.0									818	818	665	404
52/ 51	.1	.8	.6	.8	.8	.9	.5	.1	.0									875	875	814	423
50/ 49	.2	1.1	.9	.9	1.0	.8	.5	.1										1027	1027	993	469
48/ 47	.4	.9	.9	1.0	1.0	.7	.4	.0										1001	1001	1184	614
46/ 45	.4	1.3	1.0	1.3	1.2	.5	.2											1102	1102	1254	718
44/ 43	.3	1.0	1.2	1.1	.9	.6	.1											992	992	1281	784
42/ 41	.4	1.2	1.3	1.2	.7	.3	.0											975	976	1313	852
40/ 39	.3	1.4	1.7	1.1	.7	.2												1028	1028	1271	979
38/ 37	.4	1.5	1.3	1.2	.4	.1	.0											910	910	1314	956
36/ 35	.3	1.8	1.4	.8	.2	.0												871	871	1217	1152
34/ 33	.5	1.9	1.3	.7	.1	.0												873	873	1152	1301
32/ 31	.4	2.0	1.2	.5	.1													788	788	1084	1351
30/ 29	.3	1.4	1.1	.4	.0													589	589	897	1344
28/ 27	.3	1.2	.7	.1	.0													459	459	727	1101

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25	.2	.8	.5	.1														293	293	536	1232
24/ 23	.2	.7	.2	.0														204	204	360	955
22/ 21	.1	.6	.2	.0														158	158	233	835
20/ 19	.1	.4	.1															112	112	192	574
18/ 17	.1	.3	.0															67	67	101	587
16/ 15	.0	.2	.0															54	54	76	452
14/ 13	.0	.2																35	35	50	317
12/ 11	.0	.1																31	31	32	245
10/ 9	.0	.1																24	24	30	169
8/ 7	.0	.1																23	23	24	120
6/ 5	.0	.0																13	13	17	80
4/ 3	.0	.0																6	6	9	61
2/ 1	.0																	2	2	3	42
0/ -1	.0																	1	1	1	35
-2/ -3																					8
-4/ -5																					14
-6/ -7																					2
-8/ -9																					2
-10/-11																					1
-16/-17																					1
TOTAL	5.4	22.9	18.2	14.3	11.1	8.6	6.5	4.4	3.3	2.2	1.4	.8	.4	.3	.1	.1	.0	18856	18858	18856	18856

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.	82526423	1176678	62.4	21.962	18855							
Dry Bulb	45247233	885557	47.0	13.936	18858	.0	112.8	67.6	29.2	8.5	.1	744
Wet Bulb	33309572	766552	40.7	10.672	18856	.0	172.5	1.4	.0			744
Dew Point	22969625	618905	32.8	11.867	18856	2.5	375.9	.1	.0			744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR 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
100/ 99																	.0	4	4		
98/ 97																	.0	2	2		
96/ 95																	.0	2	2		
94/ 93														.0	.0	.0	.0	11	11		
92/ 91											.0		.0	.0		.0	.0	16	16		
90/ 89										.0	.0	.0	.0	.1	.0	.0	.0	47	47		
88/ 87								.0	.0	.1	.0	.1	.1	.0	.0	.0		64	64		
86/ 85							.0	.0	.1	.1	.2	.1	.0	.0	.0			125	125		
84/ 83						.0	.1	.1	.2	.2	.1	.2	.1	.1	.0			178	178		
82/ 81				.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0			222	222		
80/ 79					.0	.2	.4	.3	.3	.2	.2	.1	.1	.0				350	350		
78/ 77				.0	.1	.3	.4	.4	.2	.2	.2	.2	.1	.0				415	415	1	
76/ 75				.1	.3	.5	.4	.4	.3	.3	.3	.2	.1	.1	.0			516	516	1	1
74/ 73			.1	.3	.5	.4	.4	.3	.3	.3	.3	.2	.1	.0				585	585	7	
72/ 71		.0	.3	.5	.6	.4	.4	.4	.4	.4	.2	.1	.0	.0				710	710	64	2
70/ 69		.1	.5	.8	.6	.6	.5	.4	.5	.3	.2	.1	.0					825	826	255	8
68/ 67		.3	.7	.8	.7	.5	.6	.6	.5	.3	.1	.0	.0					928	928	501	84
66/ 65	.0	.5	1.0	.8	.6	.7	.6	.6	.4	.3	.1	.0						1020	1021	735	253
64/ 63	.0	.5	.9	.7	.7	.7	.7	.6	.3	.2	.0							997	997	855	472
62/ 61	.1	.9	.8	.6	.7	.8	.6	.6	.4	.1								1029	1029	955	653
60/ 59	.3	1.3	.8	.7	.9	1.0	.8	.5	.2	.0								1208	1208	1135	793
58/ 57	.3	1.3	.9	.8	.9	1.0	.7	.4	.1	.0								1164	1164	1134	896
56/ 55	.4	1.3	.8	.9	1.0	.9	.7	.3	.1									1163	1164	1290	995
54/ 53	.2	.9	.9	1.1	1.0	.9	.5	.1	.0									1046	1048	1320	918
52/ 51	.2	1.1	.9	.9	.9	.7	.3	.1										923	923	1317	808
50/ 49	.2	.9	1.0	1.1	1.0	.5	.2	.0										921	922	1375	836
48/ 47	.4	1.0	.8	1.0	.9	.3	.2	.0										844	844	1403	992
46/ 45	.1	.7	.9	1.1	.6	.2	.0											687	687	1132	1033
44/ 43	.1	1.0	1.1	.8	.4	.1	.0											644	644	1067	1003
42/ 41	.1	.8	1.0	.6	.2	.0												506	506	1032	1105
40/ 39	.1	.6	.8	.3	.2													369	369	884	1115
38/ 37	.2	.4	.5	.2	.1													316	316	696	1049
36/ 35	.1	.5	.3	.1	.0													193	193	475	1030
34/ 33	.0	.2	.2	.1	.0													104	104	276	940

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 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		.2	.2	.0														75	75	160	897
30/ 29		.2	.1	.0														58	58	103	681
28/ 27	.0	.1	.0															37	37	81	477
26/ 25	.0	.1	.0															14	14	56	398
24/ 23		.0																7	7	11	327
22/ 21		.0																2	2	6	195
20/ 19		.0																3	3	1	137
18/ 17																				2	116
16/ 15																					56
14/ 13																					35
12/ 11																					11
10/ 9																					5
8/ 7																					2
6/ 5																					6
0/ -1																					1
TOTAL	2.9	15.2	15.7	14.4	13.1	11.0	8.6	6.3	4.6	3.2	2.1	1.3	.8	.5	.1	.1	.1		18336		18330
																		18330		18330	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	77670778	1128998	61.6	21.055	18328							
Dry Bulb	66155685	1078679	58.8	12.132	18336		7.7	196.4	99.6	33.3	.7	720
Wet Bulb	49419718	935604	51.0	9.529	18330		16.5	32.6	.4			720
Dew Point	37777734	804028	43.9	11.702	18330	.0	131.4	3.7	.0			720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY 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
104/102																.0		1	1		
102/101															.0			1	1		
100/ 99												.0		.0	.0	.0	.0	9	9		
98/ 97										.0	.0	.0		.0		.0	.0	17	17		
96/ 95										.0	.0	.0	.0	.0		.0	.0	26	26		
94/ 93								.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	68	68		
92/ 91								.0	.1	.2	.2	.2	.1	.1	.0	.0	.1	175	175		
90/ 89						.0	.0	.1	.2	.3	.2	.2	.1	.1	.0	.0		251	251		
88/ 87						.0	.1	.3	.4	.3	.3	.2	.1	.1	.0	.0		352	352		
86/ 85				.0	.0	.1	.4	.5	.6	.4	.3	.2	.1	.1	.0	.0		497	497		
84/ 83			.0	.0	.1	.3	.6	.6	.6	.4	.2	.2	.1	.0	.0			573	573		
82/ 81		.0	.0	.0	.2	.5	.7	.7	.5	.4	.2	.2	.0	.0	.0			672	672		
80/ 79		.0	.0	.2	.5	.8	1.0	.6	.5	.4	.3	.2	.1	.0				825	825	12	2
78/ 77	.0	.0	.0	.4	.9	.9	1.0	.6	.4	.3	.3	.1	.0					936	937	43	10
76/ 75	.0	.0	.3	.8	1.2	1.0	.7	.6	.3	.4	.2	.0						1052	1052	149	7
74/ 73	.0	.1	.6	1.0	1.2	.9	.7	.5	.4	.3	.1	.1		.0				1087	1087	439	42
72/ 71	.0	.3	1.1	1.4	.9	.8	.7	.5	.4	.3	.1	.0	.0					1196	1197	787	147
70/ 69	.0	.5	1.5	1.4	1.0	.9	.7	.5	.3	.2	.1		.0					1287	1288	1299	416
68/ 67	.1	.9	1.6	1.1	1.1	.7	.6	.4	.3	.1	.0	.0						1309	1309	1605	813
66/ 65	.2	1.6	1.8	1.2	.8	.8	.5	.4	.1	.0		.0						1400	1400	1754	1179
64/ 63	.5	1.9	1.7	1.1	.9	.5	.4	.2	.1	.0	.0							1340	1340	1810	1605
62/ 61	.6	1.8	1.0	.9	.7	.4	.3	.1	.0	.0								1114	1115	1905	1839
60/ 59	.6	1.6	1.1	.9	.5	.5	.2	.1	.0	.0								1011	1011	1704	1613
58/ 57	.3	1.3	1.0	.9	.4	.3	.1	.0	.0									843	843	1461	1562
56/ 55	.2	1.0	1.3	.8	.4	.2	.1	.0										727	727	1374	1410
54/ 53	.1	.9	1.0	.6	.3	.1		.0										560	560	1060	1185
52/ 51	.1	.6	.6	.5	.2	.0	.0	.0										378	378	993	1114
50/ 49	.0	.5	.6	.3	.1	.0	.0											286	286	704	1058
48/ 47	.0	.3	.5	.3	.0	.0	.0											205	205	494	949
46/ 45	.0	.2	.3	.1	.0	.0												125	125	364	760
44/ 43		.3	.2	.1	.0													99	100	260	661
42/ 41		.2	.1	.0	.0													63	63	159	654
40/ 39	.0	.1	.1	.0	.0													46	46	88	526
38/ 37	.0	.1	.0	.0														21	21	58	386

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
36/ 35		.0	.0															9	9	25	248
34/ 33		.0																2	2	11	160
32/ 31	.0	.0																3	3	7	93
30/ 29																				1	55
28/ 27																					24
26/ 25																					15
24/ 23																					10
22/ 21																					6
20/ 19																					7
18/ 17																					7
16/ 15																					3
TOTAL	2.9	14.2	16.3	14.1	11.5	10.0	8.8	7.0	5.1	4.1	2.5	1.7	.8	.4	.2	.2	.2		18571		18566
																		18566		18566	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	86777156	1215906	65.5	19.604	18563							
Dry Bulb	89073079	1270515	68.4	10.765	18571		.1	414.1	262.1	122.4	4.9	744
Wet Bulb	68615820	1119384	60.3	7.787	18566		.3	173.7	25.8	.2		744
Dew Point	57577426	1019546	54.9	9.253	18566		8.8	57.6	2.4			744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
110/109																	.0		4	4		
108/107																	.0		4	4		
106/105															.0	.0	.0		8	8		
104/103															.0	.0	.0		19	19		
102/101												.0	.0	.1	.1	.1	.0		68	68		
100/ 99											.0	.1	.1	.3	.1	.0	.0		145	145		
98/ 97								.0	.0	.0	.2	.3	.4	.3	.1	.1			254	254		
96/ 95							.0	.0	.1	.2	.5	.7	.4	.2	.1	.0	.0		413	413		
94/ 93					.0		.0	.1	.3	.5	1.0	.6	.2	.1	.0	.0			557	557		
92/ 91					.0	.0	.1	.3	.8	.9	.8	.4	.2	.0	.0				677	677		
90/ 89					.0	.1	.3	.8	1.2	1.2	.8	.3	.1	.0					931	931		
88/ 87			.0	.0	.0	.2	.7	1.4	1.3	.9	.5	.2	.1	.0					1010	1010		
86/ 85				.0	.2	.6	1.2	1.4	1.2	.6	.3	.1	.1	.0					1094	1094	4	
84/ 83			.0	.1	.4	1.2	1.7	1.3	.8	.4	.2	.1	.0						1192	1192	5	.3
82/ 81	.0		.1	.3	.9	1.6	1.3	1.1	.5	.3	.1	.0							1197	1197	30	.4
80/ 79		.0	.2	.8	1.7	1.9	1.3	.5	.4	.3	.1	.0	.0						1384	1385	111	9
78/ 77	.0	.1	.5	1.7	1.9	1.4	.9	.4	.3	.2	.1	.0	.0						1610	1411	495	44
76/ 75		.3	1.4	2.1	1.7	.8	.5	.4	.3	.0	.0	.0							1427	1427	1206	122
74/ 73	.0	.6	2.0	1.7	1.1	.6	.4	.3	.1	.0	.0								1331	1334	2334	388
72/ 71	.1	1.2	2.0	1.4	.3	.4	.4	.1	.1	.0									1246	1249	3012	1000
70/ 69	.2	1.7	1.9	1.1	.6	.4	.2	.2	.0	.0									1235	1237	3065	2057
68/ 67	.3	1.6	1.6	.7	.5	.3	.2	.1	.0										980	980	2458	2727
66/ 65	.4	1.6	1.2	.6	.3	.2	.1	.0	.0										831	831	1878	2819
64/ 63	.3	1.2	.7	.5	.3	.1	.0												618	619	1425	2554
62/ 61	.1	.7	.6	.3	.1	.1													366	367	1001	2094
60/ 59	.1	.3	.4	.4	.1	.0													259	259	714	1372
58/ 57	.0	.3	.3	.2	.1														170	170	486	949
56/ 55	.1	.1	.2	.1	.0														105	105	401	835
54/ 53		.2	.2	.0															73	73	187	612
52/ 51		.1	.1	.0															32	32	137	534
50/ 49		.1	.0		.0														17	18	76	361
48/ 47	.0	.0	.0																4	4	29	243
46/ 45																					6	182
44/ 43																					1	92

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																				1	39
40/ 39																					13
38/ 37																					3
36/ 35																					4
34/ 33																					1
TOTAL	1.6	10.1	13.5	11.9	10.7	9.8	9.6	8.3	7.4	5.7	4.7	2.9	1.7	1.1	.5	.2	.2		19074		19061
																		19061		19062	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	83872443	1212679	63.6	18.773	19060							
Dry Bulb	117700468	1486332	77.9	9.925	19074			626.5	495.6	313.7	55.6	720
Wet Bulb	88975816	1297810	68.1	5.686	19062			480.5	158.1	2.9		720
Dew Point	76774062	1203596	63.1	6.371	19061			240.0	21.5	.4		720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
114/113																	.0		2	2		
112/111																	.0		3	3		
110/109																	.1		11	11		
108/107																	.1		21	21		
106/105														.0	.0	.0	.2		62	62		
104/103												.0	.0	.1	.2	.2	.2		139	139		
102/101											.0	.1	.1	.2	.4	.4	.1		264	264		
100/ 99							.0	.0	.0	.0	.1	.3	.6	.8	.6	.2	.1		510	510		
98/ 97					.0	.0	.1	.0	.0	.0	.3	.8	1.2	.8	.4	.1	.0		722	722		
96/ 95					.0	.0	.0	.1	.0	.4	1.1	1.4	.8	.4	.2	.0	.0		867	867		
94/ 93						.0	.0	.1	.4	1.0	1.5	1.0	.4	.3	.1	.0			962	962		
92/ 91					.0	.0	.1	.4	1.1	1.5	1.0	.7	.3	.1	.0	.0			1055	1055		
90/ 89				.0	.0	.1	.3	.9	1.5	1.2	.8	.5	.2	.0	.0	.0			1090	1090	1	
88/ 87			.0	.0	.1	.3	.9	1.4	1.4	.7	.4	.3	.1	.0					1075	1075	4	1
86/ 85			.0	.1	.2	.8	1.7	1.5	1.0	.7	.3	.1	.0						1269	1269	15	2
84/ 83			.1	.1	.6	1.6	1.6	1.2	.7	.4	.2	.1	.0						1273	1273	26	8
82/ 81		.0	.1	.4	1.3	1.8	1.4	.8	.4	.3	.1	.0	.0						1291	1291	46	15
80/ 79		.1	.3	1.3	1.9	1.8	1.1	.5	.4	.1	.0								1448	1448	174	36
78/ 77		.2	1.0	2.0	2.0	1.2	.7	.3	.2	.0									1495	1495	797	82
76/ 75	.0	.6	1.9	2.5	1.5	.9	.5	.3	.1	.0									1617	1617	2211	158
74/ 73	.1	1.3	2.0	1.6	1.0	.5	.3	.1	.0	.0									1365	1365	3722	600
72/ 71	.2	1.7	1.8	1.0	.6	.4	.1	.0											1147	1147	3839	1693
70/ 69	.3	1.4	1.2	.7	.4	.1	.0	.0	.0										837	837	3389	2773
68/ 67	.2	.9	.6	.4	.2	.0	.0												453	453	2209	3248
66/ 65	.1	.5	.4	.2	.2	.0	.0												262	262	1394	2954
64/ 63	.0	.2	.2	.1	.0	.0													116	116	806	2288
62/ 61		.2	.1	.1	.0	.0													77	77	485	1702
60/ 59		.1	.1	.0	.0														49	49	208	1343
58/ 57	.0	.1	.0																19	19	102	970
56/ 55	.0	.0																	4	4	65	688
54/ 53		.0																	1	1	12	483
52/ 51																					1	227
50/ 49																						112
48/ 47																						64

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.F. W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45																					45
44/ 43																					8
42/ 41																					4
40/ 39																					2
TOTAL	.9	7.2	9.8	10.6	10.0	9.8	8.9	7.7	7.3	6.4	5.7	5.2	3.7	2.8	1.8	1.1	.9	19506	19506	19506	19506

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	75382363	1149641	59.0	19.748	19500							
Dry Bulb	134951781	1611741	82.6	9.545	19506			723.9	630.9	435.0	135.9	744
Wet Bulb	97669797	1377769	70.6	4.258	19506			626.8	266.8	5.9		744
Dew Point	82832745	1266559	64.9	5.513	19506			328.6	34.4	1.6		744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
112/111																	.0	1	1		
110/109																	.0	7	7		
108/107																.0	.1	27	27		
106/105															.0	.1	.2	74	74		
104/103										.0				.1	.2	.4	.2	174	174		
102/101										.0	.0	.0	.1	.4	.6	.2	.1	290	290		
100/ 99										.0	.0	.2	.7	.8	.5	.1	.1	461	461		
98/ 97							.0	.0	.0	.0	.1	.7	.8	.6	.3	.1	.0	537	537		
96/ 95									.0	.3	.8	1.2	.8	.4	.2	.0		755	755		
94/ 93							.0	.1	.2	.9	1.3	.9	.6	.3	.1			852	852		
92/ 91						.0	.1	.2	.8	1.3	1.2	.8	.5	.1	.1			985	985		
90/ 89						.0	.2	.8	1.4	1.3	1.0	.6	.3	.1				1150	1150		
88/ 87					.0	.2	.7	1.2	1.4	1.0	.7	.4	.1	.0				1133	1133		
86/ 85					.1	.7	1.4	1.3	1.1	.6	.6	.2	.1	.0				1236	1237	2	
84/ 83			.0	.1	.5	1.3	1.4	1.2	.8	.6	.3	.1	.0	.0				1261	1261	5	
82/ 81		.0	.0	.3	1.3	1.5	1.5	1.0	.7	.4	.1	.0	.0					1365	1365	10	1
80/ 79		.0	.2	1.1	1.7	1.8	1.1	.7	.4	.2	.1	.0	.0					1428	1428	78	4
78/ 77		.1	.8	1.8	1.7	1.1	.8	.5	.2	.1	.0							1426	1426	529	11
76/ 75	.0	.4	1.9	2.2	1.5	1.0	.5	.2	.2	.0	.0							1581	1581	1935	84
74/ 73	.1	1.3	2.2	1.5	.9	.7	.3	.2	.1	.0								1468	1468	3435	416
72/ 71	.2	1.6	1.9	1.1	.8	.5	.3	.1	.0	.0								1255	1255	3677	1415
70/ 69	.3	1.6	1.2	.7	.5	.3	.2	.1	.0									975	975	3460	2531
68/ 67	.2	1.1	.7	.6	.5	.2	.1	.0										675	675	2547	3055
66/ 65	.2	.5	.5	.5	.2	.1	.0											399	400	1710	2917
64/ 63	.1	.3	.3	.3	.1	.1												222	222	1076	2390
62/ 61	.1	.1	.2	.1	.1													105	105	632	1950
60/ 59	.0	.1	.1	.1	.1													70	70	451	1588
58/ 57		.1	.1	.0	.0													42	42	220	1207
56/ 55		.1	.1															21	21	134	955
54/ 53		.0	.0															7	7	53	597
52/ 51		.0																5	5	29	360
50/ 49																				4	230
48/ 47																					144
46/ 45																					69

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG 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																					34
42/ 41																					16
40/ 39																					11
38/ 37																					2
TOTAL	1.1	7.3	10.2	10.3	9.8	9.4	8.4	7.5	7.4	6.8	6.2	5.2	3.9	2.8	1.9	1.0	.7	19987	19989	19987	19987

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	76510720	1170086	58.5	20.017	19986							
Dry Bulb	135368648	1633182	81.7	9.829	19989			711.5	603.4	410.8	118.3	744
Wet Bulb	97533448	1393194	69.7	4.589	19987			583.6	223.1	1.3		744
Dew Point	82096228	1275678	63.8	5.814	19987			279.8	19.2	.0		744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.0	2	2		
104/103															.0	.0	.0	6	6		
102/101														.0	.1	.0	.0	35	35		
100/ 99												.0	.0	.1	.1	.0	.1	57	57		
98/ 97										.0	.0	.1	.1	.1	.1	.1	.1	128	128		
96/ 95									.0	.0	.2	.2	.3	.2	.2	.2	.1	255	255		
94/ 93									.0	.2	.3	.3	.2	.3	.1	.1	.0	289	289		
92/ 91								.0	.2	.5	.6	.3	.2	.2	.2	.1	.0	429	429		
90/ 89						.0	.0	.3	.5	.6	.4	.3	.3	.2	.1	.1		519	519		
88/ 87					.0	.0	.2	.5	.6	.4	.2	.2	.2	.2	.1	.0		529	529		
86/ 85		.0			.0	.2	.6	.6	.5	.3	.4	.3	.2	.1	.0			642	642		
84/ 83			.0	.0	.1	.6	.7	.7	.4	.4	.4	.3	.2	.1				727	727	1	
82/ 81				.1	.4	.8	.8	.6	.4	.5	.4	.2	.1	.0	.0			851	851	1	
80/ 79		.0	.0	.3	.8	1.0	.7	.6	.6	.6	.3	.2	.1	.0				996	996	7	1
78/ 77		.0	.2	.8	1.0	.8	.6	.8	.7	.4	.3	.2	.0					1123	1123	58	4
76/ 75		.0	.6	1.2	1.2	.8	.8	.8	.5	.4	.3	.1	.0					1282	1282	424	6
74/ 73	.0	.4	1.2	1.4	.8	.8	.9	.6	.4	.3	.1	.1	.0					1342	1343	983	60
72/ 71	.0	.9	1.7	1.0	1.0	.7	.7	.5	.4	.3	.1	.0			~~.0~~			1387	1387	1511	328
70/ 69	.2	1.4	1.3	1.0	.9	.8	.6	.6	.3	.2	.0							1383	1383	1862	1007
68/ 67	.5	1.4	1.1	.9	.9	.7	.4	.3	.3	.0	.0			~~.0~~				1249	1249	1947	1578
66/ 65	.4	1.2	.9	1.0	.9	.5	.5	.4	.1	.0								1136	1137	1764	1738
64/ 63	.3	1.2	.9	.9	.6	.5	.4	.2	.0	.0								990	990	1805	1572
62/ 61	.3	1.0	.9	.9	.5	.5	.3	.1										860	860	1687	1426
60/ 59	.2	.8	1.0	.9	.6	.4	.2	.0	.0									808	808	1568	1208
58/ 57	.2	.9	.9	.6	.5	.4	.1	.0										661	661	1283	1226
56/ 55	.1	.8	.8	.6	.3	.2	.0											519	520	1172	1385
54/ 53	.1	.6	.4	.3	.2	.0	.0											323	323	968	1341
52/ 51	.1	.5	.4	.2	.1	.0	.0											249	249	811	1223
50/ 49	.1	.3	.2	.1	.0	.0												146	146	552	1056
48/ 47	.0	.2	.2	.1	.0													92	92	361	842
46/ 45	.0	.2	.1	.0	.0													67	67	182	792
44/ 43	.0	.1	.1	.0														46	46	103	664
42/ 41	.0	.0	.0	.0														9	9	60	522
40/ 39			.0															4	4	17	472

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.0																2	2	11	313
36/ 35																				5	201
34/ 33																					103
32/ 31																					30
30/ 29																					23
28/ 27																					8
26/ 25																					5
24/ 23																					1
22/ 21																					5
~~8/ 7~~																					~~1~~
~~6/ 5~~																					~~1~~
TOTAL	2.6	11.9	12.9	12.3	10.8	9.8	8.6	7.5	6.1	5.2	4.0	2.8	1.9	1.5	1.0	.6	.4	19143	19146	19143	19142

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	81684686	1183148	61.8	21.133	19140							
Dry Bulb	102544809	1384839	72.3	11.147	19143			497.6	346.5	187.1	29.0	720
Wet Bulb	76173405	1199009	62.6	7.491	19143			255.5	55.4	.2		720
Dew Point	62882028	1082556	56.6	9.310	19142		2.8	112.2	2.7			720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97																.0	.0	2	2		
96/ 95												.0			.0	.0	.0	13	13		
94/ 93											.0	.0	.0	.0	.0	.1	.0	37	37		
92/ 91										.0	.0	.0	.0	.1	.1	.1		63	63		
90/ 89								.0	.0	.0	.1	.1	.1	.1	.1	.0		114	114		
88/ 87							.0	.0	.1	.1	.1	.1	.1	.1	.1			134	134		
86/ 85						.0	.1	.1	.1	.1	.2	.2	.2	.1	.0			230	230		
84/ 83						.0	.2	.1	.1	.2	.3	.2	.2	.1	.0			301	301		
82/ 81					.0	.1	.3	.2	.3	.4	.2	.2	.1	.0				376	376		
80/ 79				.0	.1	.3	.3	.4	.4	.4	.3	.2	.1	.0				501	501		
78/ 77			.0	.1	.1	.4	.4	.4	.4	.4	.3	.2	.1	.0				550	550		
76/ 75		.0	.1	.1	.4	.6	.6	.4	.3	.4	.3	.1	.1	.0				693	696	14	
74/ 73		.1	.2	.3	.4	.5	.5	.4	.5	.4	.2	.1	.0					730	734	70	2
72/ 71	.0	.2	.3	.4	.5	.5	.7	.6	.6	.3	.2	.0	.0					822	825	210	41
70/ 69	.0	.5	.5	.6	.6	.8	.7	.5	.4	.4	.2	.0		.0				1038	1039	365	122
68/ 67	.1	.6	.7	.7	.8	.9	.7	.6	.4	.3	.1	.0						1135	1136	700	231
66/ 65	.2	.7	.9	.8	.9	.8	.6	.5	.5	.2	.0							1194	1196	963	459
64/ 63	.2	.9	.9	1.0	.8	.8	.7	.5	.4	.1	.0							1258	1261	1204	570
62/ 61	.2	1.3	.9	1.0	1.0	.7	.6	.5	.4	.1		.0						1302	1303	1324	723
60/ 59	.3	1.5	1.0	1.2	1.0	.8	.6	.4	.2	.0								1348	1350	1501	931
58/ 57	.4	1.4	1.2	1.1	.9	.7	.5	.3	.1	.0								1277	1279	1677	1075
56/ 55	.3	1.3	1.0	1.1	.9	.8	.5	.2	.0									1200	1202	1651	1196
54/ 53	.3	1.1	1.1	1.1	.7	.5	.3	.1	.0									1017	1017	1516	1273
52/ 51	.3	1.0	1.2	1.1	.7	.3	.2	.0										967	971	1413	1328
50/ 49	.2	1.1	1.2	1.0	.6	.3	.1											882	884	1471	1242
48/ 47	.1	.9	1.1	.8	.5	.2	.1		.0									686	690	1267	1285
46/ 45	.0	.7	.8	.6	.2	.1	.0											493	494	1206	1220
44/ 43	.0	.5	.7	.3	.1	.1	.0											346	349	914	1227
42/ 41	.0	.4	.6	.2	.1	.0												269	273	676	1172
40/ 39	.0	.4	.4	.2	.1													200	201	512	1061
38/ 37	.1	.2	.2	.1	.0													118	118	338	856
36/ 35	.0	.2	.2	.0	.0													94	94	203	830
34/ 33	.0	.1	.1	.0														57	57	143	691
32/ 31	.0	.1	.1															29	29	82	550

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29	.0	.0	.0														12	12	49	.442
28/ 27		.0															8	8	21	314
26/ 25	.0	.0	.0														8	8	9	229
24/ 23	.0	.0															2	2	7	131
22/ 21																				108
20/ 19																				80
18/ 17																				52
16/ 15																				29
14/ 13																				22
12/ 11																				5
10/ 9																				4
8/ 7																				2
6/ 5																				2
4/ 3																				1
TOTAL	2.8	15,3	15.4	14.0	11.5	10.3	8.4	6.5	5.5	3.9	2.6	1.7	1.0	.6	.3	.2	.1	19506	19549	19506	19506

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	83996413	1210315	62.1	21.339	19501
Dry Bulb	77954656	1213334	62.1	11.638	19549
Wet Bulb	58215624	1051770	53.9	8.781	19506
Dew Point	45557820	918312	47.1	10.918	19506

Mean No. of Hours with Temperature	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		2.2	256.9	142.8	57.8	2.0	744
Wet Bulb		6.4	51.8	3.2			744
Dew Point		75.2	15.1	.1			744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.0		4	4		
84/ 83											.0						1	1		
82/ 81										.0	.0	.0	.0	.0			9	9		
80/ 79								.0	.0	.0	.0	.0	.0				24	24		
78/ 77						.0	.0	.0	.0	.0	.1	.0	.0				65	65		
76/ 75				.0	.0	.1	.1	.0	.1	.1	.1	.1					120	120		
74/ 73			.0	.0	.0	.1	.1	.1	.1	.1	.1	.0					149	149		
72/ 71		.0	.0	.1	.1	.2	.2	.1	.2	.1	.1	.0					225	225		
70/ 69		.0	.1	.2	.2	.3	.3	.2	.2	.1	.1	.0					322	322	8	
68/ 67		.1	.1	.2	.3	.3	.3	.3	.2	.2	.1						414	414	29	8
66/ 65	.0	.1	.3	.3	.3	.4	.3	.4	.3	.2	.0						515	515	94	35
64/ 63	.1	.3	.6	.3	.4	.4	.4	.3	.2	.1	.0						591	591	217	46
62/ 61	.0	.4	.5	.4	.4	.4	.4	.4	.3	.0							628	628	305	146
60/ 59	.1	.4	.5	.4	.6	.7	.6	.6	.2	.0							769	770	488	251
58/ 57	.1	.4	.6	.5	.7	.7	.8	.5	.1								845	848	565	319
56/ 55	.2	.8	.5	.6	.7	1.1	.7	.4	.1								969	969	677	377
54/ 53	.1	.9	.6	.7	1.0	.9	.6	.2	.0								959	959	736	434
52/ 51	.3	.8	.7	.9	1.1	.8	.4	.0	.0								975	976	883	528
50/ 49	.2	.9	1.1	1.2	1.2	.9	.3	.0	.0								1149	1149	947	559
48/ 47	.4	1.0	1.2	1.4	1.1	.7	.2	.0	.0								1161	1161	1198	615
46/ 45	.3	1.4	1.3	1.6	1.2	.6	.1	.0									1226	1228	1376	719
44/ 43	.5	1.3	1.6	1.5	.8	.4	.0	.0									1153	1156	1525	871
42/ 41	.4	1.5	1.9	1.4	.9	.3	.0										1223	1223	1419	1045
40/ 39	.3	1.2	2.0	1.2	.6	.1											1020	1021	1431	1096
38/ 37	.2	1.4	1.8	1.2	.3	.0											942	942	1365	1081
36/ 35	.2	1.8	1.5	.9	.3	.0											898	901	1232	1305
34/ 33	.2	1.9	1.3	.6	.2												788	789	1124	1384
32/ 31	.2	1.1	.8	.4	.1												510	510	1099	1414
30/ 29	.3	.9	.8	.3	.0												455	457	659	1473
28/ 27	.2	.8	.6	.2	.0												346	346	544	1054
26/ 25	.1	.7	.4	.1													238	238	409	993
24/ 23	.0	.4	.2	.1													141	141	298	775
22/ 21	.0	.4	.2	.0													125	125	177	631
20/ 19	.0	.3	.1														87	87	139	485

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17		.1	.0	.0														31	31	98	382
16/ 15		.1	.0															24	24	32	325
14/ 13		.0	.0															13	13	26	231
12/ 11	.0	.0																6	6	14	174
10/ 9		.0																1	1	8	104
8/ 7																					66
6/ 5																					65
4/ 3																					41
2/ 1																					42
0/ -1																					17
-2/ -3																					12
-4/ -5																					8
-6/ -7																					6
-8/ -9																					3
-10/-11																					1
-12/-13																					1
TOTAL	4.4	21.5	21.7	16.8	12.5	9.4	5.9	3.7	2.2	1.1	.6	.3	.0	.0	.0			19121	19138	19122	19122

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.	67403265	1236035	64.6	19.804	19120							
Dry Bulb	46276591	911643	47.6	12.204	19138		74.5	50.1	14.0	1.0		720
Wet Bulb	35591560	801796	41.9	10.155	19122		131.9	1.4				720
Dew Point	26101189	669023	35.0	11.870	19122	1.8	312.6	.3				720

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC 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
84/ 83													.0					2	2		
82/ 81													.0					2	2		
80/ 79												.0	.0					2	2		
78/ 77											.0	.0	.0					4	4		
76/ 75								.0			.0	.0						8	8		
74/ 73							.0	.0		.0	.0	.0	.0					15	15		
72/ 71			.0	.0			.0	.0	.0	.0	.0	.0						20	20		
70/ 69			.0	.0		.0	.0	.0	.0	.0	.0	.0						28	28		
68/ 67			.0	.0	.0	.0	.1	.1	.1	.1	.1	.0						77	77	2	
66/ 65		.0	.0	.0	.1	.1	.1	.1	.1	.1	.0							105	105	3	2
64/ 63		.0	.1	.1	.1	.1	.1	.2	.1	.1	.0							161	161	4	1
62/ 61		.2	.1	.1	.1	.1	.1	.2	.1	.1								206	206	6	4
60/ 59	.0	.2	.2	.2	.2	.2	.3	.3	.1	.0								295	295	93	25
58/ 57	.1	.2	.2	.1	.2	.3	.3	.2	.0	.0								323	324	114	69
56/ 55	.0	.3	.2	.2	.3	.4	.4	.2	.0									387	387	173	89
54/ 53	.1	.3	.1	.2	.5	.6	.5	.2	.0									460	460	209	107
52/ 51	.1	.4	.2	.4	.7	.7	.5	.1										546	546	258	165
50/ 49	.2	.5	.4	.7	.9	.7	.3	.0										694	694	401	179
48/ 47	.3	.4	.7	1.0	1.2	.7	.1	.0										818	820	513	228
46/ 45	.4	.8	.9	1.4	1.3	.5	.1											1013	1019	690	257
44/ 43	.3	.7	1.3	1.6	1.0	.2	.0											959	960	867	356
42/ 41	.4	1.1	1.8	1.8	.9	.2	.0											1118	1119	1031	400
40/ 39	.3	1.3	2.2	1.7	.8	.1												1163	1164	1287	581
38/ 37	.3	1.7	2.4	1.8	.5	.0												1245	1252	1395	676
36/ 35	.6	3.0	2.4	1.3	.3	.0	.0											1405	1407	1504	988
34/ 33	.5	2.8	2.6	.8	.1	.0												1271	1278	1589	1259
32/ 31	.5	3.1	2.5	.8	.1	.0												1292	1298	1594	1431
30/ 29	.5	3.3	1.7	.5	.0													1094	1096	1477	1641
28/ 27	.7	2.3	1.4	.2	.0													844	844	1324	1487
26/ 25	.5	2.0	1.1	.2														692	693	938	1601
24/ 23	.5	1.9	.6	.1														568	568	764	1410
22/ 21	.4	1.6	.5	.0														464	466	643	1134
20/ 19	.3	1.1	.4	.0														315	315	451	879
18/ 17	.3	.8	.2	.0														246	246	312	813

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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC 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
16/ 15	.2	.7	.2															201	201	265	636
14/ 13	.1	.4	.1															121	121	167	514
12/ 11	.2	.3	.0															91	91	129	363
10/ 9	.1	.3	.1															74	74	85	266
8/ 7	.1	.2																53	53	69	245
6/ 5	.1	.1																30	30	45	197
4/ 3	.1	.0																22	22	31	100
2/ 1	.0	.0																3	4	4	108
0/ -1	.0																	2	2	2	73
-2/ -3																					35
-4/ -5																					50
-6/ -7																					23
-8/ -9																					19
-10/-11																					17
-12/-13																					7
-14/-15																					1
-18/-19																					1
-20/-21																					1
TOTAL	8.1	31.9	24.4	15.3	9.3	5.1	2.9	1.5	.7	.5	.2	.1	.0					18439	18479	18439	18438

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.	92517022	1259972	68.4	18.630	18434							
Dry Bulb	29088431	700213	37.9	11.761	18479	.1	244.6	6.4	1.3	.2		744
Wet Bulb	22823645	623029	33.8	9.804	18439	.1	334.9	.1				744
Dew Point	15967270	504082	27.3	10.889	18438	9.2	526.7					744

USAFETAC FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-60,68,74-75 YEARS | JAN MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63		.2																3	3		
62/ 61	.1	.1	.1															5	5	6	2
60/ 59	.1	.3	.1			.1			.1									11	11	3	4
58/ 57	.1	.2	.1	.1		.1												10	10	9	6
56/ 55	.3	.1		.2	.1	.1	.1											15	15	11	12
54/ 53	.1	.2	.2	.3	.2	.2	.1											19	19	2	4
52/ 51	.2	.5		.3	.2	.1	.1											21	21	8	5
50/ 49	.2	.4	.3	.1	.2	.1	.1											22	22	22	13
48/ 47	.3	.6	.5	.3	.2	.2												37	37	18	16
46/ 45	.2	1.0	.9	.8	.3	.1												57	57	36	17
44/ 43	.3	.6	.8	.5	.3	.1												48	48	42	19
42/ 41	.2	1.4	1.5	.9	.4													77	77	44	32
40/ 39	.8	.8	2.0	1.5	.1													92	92	76	44
38/ 37	1.0	1.6	3.8	1.4	.5													147	147	81	59
36/ 35	1.0	4.3	3.0	1.1														165	165	129	65
34/ 33	.7	5.6	3.0	.4														171	171	191	76
32/ 31	.3	3.1	2.6	.4														113	113	175	142
30/ 29	1.0	4.9	1.4	.4														134	134	153	163
28/ 27	1.1	3.4	1.3	.1														104	104	157	145
26/ 25	.9	3.2	1.5															99	99	97	135
24/ 23	1.1	2.3	1.0															82	82	107	149
22/ 21	.5	2.6	.4															60	60	70	105
20/ 19	.3	2.0	.9															55	55	74	71
18/ 17	.2	2.2	.5															50	50	44	72
16/ 15	.8	1.1	.1															35	35	56	82
14/ 13	.1	1.2	.1															25	25	27	65
12/ 11	.7	1.4																37	37	42	29
10/ 9	.3	1.1	.1															26	26	32	31
8/ 7	.2	.2																6	6	10	34
6/ 5	.1	.3																7	8	6	55
4/ 3	.1	.5																9	9	9	32
2/ 1	.2	.1																5	5	10	21
0/ -1	.1	.2																5	5	4	15
-2/ -3		.2																3	3	3	5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-60,68,74-75 (YEARS) JAN (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5	.1																2	2	3	4
-6/ -7																				11
-8/ -9																				3
-10/-11																				2
-12/-13																				6
-14/-15																				3
-16/-17																				2
-18/-19																				1
TOTAL	13.5	48.0	25.0	8.9	2.4	.9	.3		.1								1757	1758	1757	1757

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10447444	133036	75.7	14.599	1757							
Dry Bulb	1989027	55845	31.8	11.063	1758	.5	45.4					93
Wet Bulb	1708240	51674	29.4	10.361	1757	.5	57.1					93
Dew Point	1320204	43232	24.6	12.085	1757	2.8	73.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.0																1	1		
62/ 61	.0	.2	.0						.0									8	8	3	
60/ 59	.0	.3	.1				.0											11	11	7	5
58/ 57	.0	.2		.0		.0												8	8	11	9
56/ 55	.1	.3		.1				.0										13	13	8	13
54/ 53		.0	.1	.0	.1													6	6	5	7
52/ 51	.2	.5	.2	.1	.1	.0	.0											27	27	7	4
50/ 49	.2	.4	.2	.1	.3	.1												29	29	24	12
48/ 47	.4	.3	.2	.2	.2	.0												30	30	26	22
46/ 45	.3	.6	.2	.5	.3	.0												43	43	24	22
44/ 43	.2	.6	.8	.8	.2	.0												59	59	29	17
42/ 41	.7	1.4	.8	.9	.3													90	92	54	35
40/ 39	1.4	.8	1.8	.7	.2													110	110	100	57
38/ 37	.5	1.4	2.3	.8	.1													111	111	71	46
36/ 35	.9	3.3	2.3	.6	.1													161	161	128	69
34/ 33	.8	5.8	2.4	.5														212	212	182	88
32/ 31	1.1	4.6	2.8	.4	.0													196	197	242	163
30/ 29	1.1	4.7	2.6	.1														188	188	178	198
28/ 27	.9	4.5	1.4															152	152	227	149
26/ 25	1.0	4.2	.8															133	133	169	179
24/ 23	1.2	2.6	1.0															107	107	120	185
22/ 21	.5	3.0	.8	.0														96	96	97	139
20/ 19	.6	2.4	.5	.0														78	78	106	98
18/ 17	.3	2.8	.5															81	81	65	128
16/ 15	.5	1.8																51	51	82	110
14/ 13	.5	1.0	.1															37	37	58	53
12/ 11	.5	2.0	.1															59	59	36	62
10/ 9	.6	1.4																44	44	66	60
8/ 7	.4	.6																22	22	27	50
6/ 5	.3	.5																16	16	22	76
4/ 3	.1	.4																12	12	10	40
2/ 1	.0	.4																10	10	12	35
0/ -1	.2	.1																6	6	10	16
-2/ -3	.1	.1																5	5	5	17

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												

1

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47;49-75 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
-4/ -5	.0	.1																3	3	3	15
-6/ -7		.0																1	1	1	9
-8/ -9		.0																1	1	1	10
-10/-11																				1	7
-12/-13																					3
-14/-15																					1
-16/-17																					1
-18/-19																					3
-20/-21																					1
-22/-23																					1
-24/-25																					2
TOTAL	16.1	53.3	22.1	6.1	1.8	.3	.1	.0	.0										2220		2217
																		2217		2217	

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.	13729209	171653	77.5	13.979	2216							
Dry Bulb	2245837	66127	29.8	11.155	2220	.7	54.4					93
Wet Bulb	1958676	61556	27.8	10.612	2217	.9	64.5					93
Dew Point	1541002	51568	23.3	12.414	2217	3.6	76.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-47,49-75 YEARS — JAN MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.1															2	2		
62/ 61		.0	.1	.0														5	5		
60/ 59	.1	.1																7	7	6	4
58/ 57	.1	.3	.0															12	12	14	7
56/ 55	.0	.3	.1		.1	.0	.1											18	18	8	13
54/ 53	.0	.3			.1	.0												12	12	11	8
52/ 51	.1	.2	.0	.1	.0													13	13	10	14
50/ 49	.2	.3	.3	.0		.0												23	24	12	10
48/ 47	.4	.4	.2	.1	.2	.0												38	38	24	16
46/ 45	.3	.8	.4	.3	.3													58	58	44	30
44/ 43	.3	.8	.5	.5	.1													60	60	38	18
42/ 41	.4	.8	.7	.5	.1													71	72	52	42
40/ 39	1.0	1.3	1.4	.9	.1													130	132	89	65
38/ 37	.5	1.9	1.8	.7	.1													138	138	99	54
36/ 35	.7	3.0	1.9	.6	.1													172	172	121	86
34/ 33	1.3	5.4	2.9	.2														267	267	220	98
32/ 31	1.0	4.5	2.3	.3														221	222	274	163
30/ 29	.7	5.6	2.2	.1														237	239	244	228
28/ 27	1.1	5.6	1.5	.0														224	224	247	204
26/ 25	.9	4.0	.9	.0														163	163	223	239
24/ 23	.6	3.1	.4															112	113	161	199
22/ 21	.7	3.8	.4															136	136	124	128
20/ 19	.7	3.0	.7	.0														122	122	138	149
18/ 17	.5	2.4	.4	.0														91	92	111	171
16/ 15	.4	2.5	.2															86	86	91	139
14/ 13	.4	1.8	.1															63	63	85	107
12/ 11	.3	1.8	.1															60	60	65	64
10/ 9	.7	2.1	.1															80	80	78	83
8/ 7	.3	.6																26	26	50	79
6/ 5	.3	.9																33	33	28	75
4/ 3	.4	.5																26	26	31	67
2/ 1	.3	.3																16	16	21	42
0/ -1	.2	.1																8	8	10	35
-2/ -3	.2	.0																6	6	7	24

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												

1

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN 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
-4/ -5	.0	.1																3	3	2	32
-6/ -7	.1																	4	4	5	23
-8/ -9	.0																	1	1	1	10
-10/-11																					5
-12/-13																					4
-14/-15																					2
-16/-17																					4
-18/-19																					1
-20/-21																					2
TOTAL	15.4	58.7	19.7	4.6	1.3	.1	.1											2744	2753	2744	2744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17208347	214309	78.1	13.098	2744							
Dry Bulb	2588878	78546	28.5	11.245	2753	.7	58.2					93
Wet Bulb	2270529	73199	26.7	10.765	2744	.8	67.6					93
Dew Point	1791339	61167	22.3	12.489	2744	4.8	77.2					93

USAFETAC FORM C-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69									.0									1	1		
68/ 67									.0									1	1		
66/ 65					.0	.0	.0											3	3		
64/ 63		.1	.1	.0	.0		.0		.0									10	10	1	
62/ 61	.0	.1	.0	.0	.1	.1	.0	.1	.1	.0								17	17	5	5
60/ 59		.1	.2	.0	.0		.2	.0	.1									20	20	4	2
58/ 57		.2	.1	.0	.0	.0	.2	.1	.0									21	21	10	4
56/ 55	.0	.2	.1	.2	.2	.3	.1											33	33	14	12
54/ 53		.2	.2	.2	.2	.5	.2											43	43	14	11
52/ 51	.0	.2	.3	.4	.4	.2	.1	.0										52	52	16	13
50/ 49	.1	.3	.4	.4	1.0	.3	.2											85	85	32	12
48/ 47	.3	.7	.8	.5	1.1	.2	.0											106	106	32	22
46/ 45	.2	.8	.6	1.5	.8	.3	.1											124	124	81	39
44/ 43	.2	1.0	1.1	1.6	.9	.3												152	152	106	56
42/ 41	.4	1.1	1.8	1.4	.9	.1	.0											170	170	130	44
40/ 39	.5	1.1	2.2	1.8	1.1	.1												202	202	168	92
38/ 37	.6	1.7	2.6	1.7	.5													205	205	197	79
36/ 35	.7	2.2	2.9	1.4	.1													213	214	234	130
34/ 33	.8	2.9	2.8	.9	.1													218	219	244	176
32/ 31	.5	2.4	2.1	.6	.1													168	169	278	207
30/ 29	.4	2.4	2.3	.5	.1													170	170	201	247
28/ 27	.8	2.2	1.6	.3														143	143	187	185
26/ 25	.6	2.3	1.5	.1														132	132	171	227
24/ 23	.3	2.0	.7	.1														90	90	129	172
22/ 21	.2	1.7	1.1	.0														90	90	107	166
20/ 19	.1	1.8	.7	.1														78	79	81	145
18/ 17	.2	2.1	.5	.0														85	85	95	142
16/ 15	.4	1.9	.5															82	82	98	113
14/ 13	.2	1.2	.1															44	44	62	80
12/ 11	.1	1.6	.1															53	53	57	96
10/ 9	.3	1.2	.1															46	46	64	96
8/ 7	.2	.6																24	24	29	66
6/ 5	.3	.6																26	26	29	75
4/ 3	.2	.6																24	24	24	54

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47, 49-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1	.1	.1																6	7	16	49
0/ -1	.0	.0																2	2	3	39
-2/ -3																					25
-4/ -5		.0																1	1	1	19
-6/ -7																					19
-8/ -9																					7
-10/-11																					5
-12/-13																					6
-16/-17																					3
TOTAL	8.9	37.8	27.4	13.8	7.6	2.6	1.3	.2	.3	.0									2945		2940
																		2940		2940	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	15136507	205187	69.8	16.571	2938							
Dry Bulb	3736124	98508	33.4	12.241	2945	.1	40.0	.1				93
Wet Bulb	3029326	88714	30.2	10.950	2940	.1	51.6					93
Dew Point	2152289	70493	24.0	12.539	2940	3.9	71.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47;49-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79													.0					1	1		
78/ 77											.0							1	1		
76/ 75								.0				.0						2	2		
74/ 73								.0			.1							3	3		
72/ 71							.0		.1		.0	.0						5	5		
70/ 69							.1	.0			.1	.1						10	10		
68/ 67					.1	.1	.1	.0	.2	.2	.3							31	31		
66/ 65		.0	.1	.0	.1	.1	.1	.0	.3	.2	.0							33	33		
64/ 63		.1	.1		.2	.2	.2	.2	.3	.2								41	41	3	
62/ 61			.1	.1	.0	.3	.3	.5	.3	.1								52	52	6	4
60/ 59	.0	.0	.1		.3	.6	.7	.5	.1	.0								70	70	15	3
58/ 57	.1	.1	.1	.4	.3	.7	1.3	.4	.1									105	105	18	10
56/ 55		.1	.3	.5	.8	1.1	.8	.4	.1									122	122	24	2
54/ 53		.1	.2	.7	.9	1.4	.7	.3										128	128	30	12
52/ 51		.3	.3	.8	1.0	1.2	.6	.3	.0									136	136	57	21
50/ 49	.1	.2	.5	.8	1.7	1.2	.9	.1										161	161	112	28
48/ 47	.1	.2	.3	1.3	1.8	1.5	.4	.0										169	169	158	27
46/ 45	.1	.4	.6	1.4	1.2	1.5	.1	.0										156	156	169	59
44/ 43	.3	1.0	.9	1.3	1.5	.5	.1											170	170	172	62
42/ 41	.2	.6	.9	1.5	1.4	.6	.2											159	159	221	79
40/ 39	.4	1.0	1.2	1.6	1.2	.2												166	166	215	119
38/ 37	.1	1.2	.8	1.7	.9	.2												147	147	220	101
36/ 35	.2	1.1	1.2	1.6	.5	.0												137	137	219	171
34/ 33	.3	1.0	.9	1.2	.4													111	111	162	200
32/ 31	.4	1.4	1.4	.9	.3													128	128	186	225
30/ 29	.1	1.8	1.2	.8	.1													117	117	160	207
28/ 27	.3	1.7	.9	.4	.0													98	98	152	132
26/ 25	.4	.7	.9	.2														65	65	120	235
24/ 23	.2	.6	1.0	.2														62	62	82	186
22/ 21	.2	1.2	1.1	.1														74	74	62	155
20/ 19	.1	1.2	.6	.0														59	59	81	135
18/ 17	.2	1.0	.5															50	50	68	121
16/ 15	.2	1.0	.4															47	47	64	106
14/ 13	.3	1.2	.2															49	49	55	83

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47;49-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11	.2	.8	.1															33	33	45	81
10/ 9	.1	.6	.1															25	25	34	92
8/ 7	.1	.4	.3															16	16	16	77
6/ 5	.1	.1																6	6	17	52
4/ 3		.0																1	1	3	51
2/ 1	.0	.1																4	4	2	34
0/ -1																				2	33
-2/ -3																					14
-4/ -5																					10
-6/ -7																					5
-8/ -9																					5
-10/-11																					4
-12/-13																					4
-14/-15																					2
-16/-17																					3
TOTAL	5.0	21.4	17.2	17.6	14.7	11.4	6.7	2.9	1.6	.7	.5	.1	.0						2950		2950
																		2950		2950	

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.	11382 J	173926	59.0	19.529	2949							
Dry Bulb	5394058	119298	40.4	13.898	2950		26.3	1.7	.2			93
Wet Bulb	3928715	102405	34.7	11.260	2950	.1	36.2					93
Dew Point	2416238	76032	25.8	12.443	2950	2.5	64.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79												.1		.1				4	4		
78/ 77									.0		.0							2	2		
76/ 75								.0					.1					4	4		
74/ 73											.0		.1					3	3		
72/ 71										.0	.1	.1						8	8		
70/ 69						.1	.0	.1	.1	.2	.2	.0						21	21		
68/ 67					.1	.1	.1	.2	.3	.1	.3							32	32		
66/ 65		.1	.1	.1	.3	.0	.2	.1	.1	.2	.1							39	39		
64/ 63		.1	.0	.0		.1	.4	.7	.3	.2	.0							58	58	4	1
62/ 61		.1	.1	.1	.1	.5	.7	.5	.4	.1								76	76	6	4
60/ 59		.1	.1	.1	.2	.4	1.0	.8	.3	.0								88	88	14	5
58/ 57		.1	.2	.3	.9	1.0	1.0	.6	.3	.1								130	130	22	3
56/ 55	.0	.1	.3	.4	.7	1.3	1.1	.8	.1									140	140	26	13
54/ 53		.3	.2	.5	.7	1.5	1.0	.4	.1									136	136	45	15
52/ 51	.0	.2	.4	.3	1.5	1.5	1.0	.5	.1									163	163	83	25
50/ 49		.2	.5	.9	1.6	1.8	.7	.3										174	174	133	19
48/ 47	.1	.6	.4	.9	1.2	1.1	.4	.0										136	136	162	25
46/ 45	.1	.2	.9	1.6	1.3	1.2	.2											158	159	177	48
44/ 43	.1	.7	.8	1.1	1.2	.8	.2											139	139	211	68
42/ 41	.4	.4	.9	1.6	1.3	1.0	.2											169	169	225	102
40/ 39	.2	1.2	.9	1.2	1.5	.3	.0											160	160	208	87
38/ 37	.4	1.0	.8	1.1	.8	.1												123	123	225	139
36/ 35	.2	.9	1.6	.8	.6													121	121	192	202
34/ 33	.3	1.3	.8	.6	.5													103	103	167	209
32/ 31	.3	.7	1.1	.5	.3													82	82	188	194
30/ 29	.2	1.3	1.4	.7	.0													106	106	108	172
28/ 27	.3	1.4	.9	.4	.0													88	88	123	188
26/ 25	.2	1.0	.8	.7														77	77	116	208
24/ 23	.1	1.0	.7	.0														53	53	72	162
22/ 21	.2	.8	1.1	.2														67	67	61	138
20/ 19	.1	1.6	.7															67	67	71	121
18/ 17	.3	.8	.4															42	42	85	129
16/ 15	.2	1.1	.1															42	42	57	93
14/ 13	.2	.7	.1															32	32	39	90

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11	.4	1.0	.2															46	46	38	102
10/ 9		.4																12	12	30	74
8/ 7	.1	.2																11	11	20	62
6/ 5	.1	.1																6	6	10	51
4/ 3																					53
2/ 1																					32
0/ -1	.1																	3	3	3	19
-2/ -3																					14
-4/ -5																					13
-6/ -7																					9
-8/ -9																					3
-10/-11																					2
-12/-13																					4
-14/-15																					1
-16/-17																					2
TOTAL	4.7	19.6	16.4	14.0	14.9	12.9	8.3	5.0	2.2	.9	.8	.2	.2	.1				2922			2921
																		2921		2921	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10726579	166603	57.0	20.473	2921							
Dry Bulb	5770578	123000	42.1	14.248	2922	.1	23.4	2.4	.4	.1		93
Wet Bulb	4105391	104451	35.8	11.262	2921	.1	32.5					93
Dew Point	2459026	76534	26.2	12.429	2921	2.1	62.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN 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
68/ 67							.0			.0								2	2		
66/ 65										.0								1	1		
64/ 63		.3	.0	.1	.1	.0	.1		.0									17	17		
62/ 61		.2	.2	.1	.1	.1	.1	.1	.0									21	21	8	6
60/ 59		.0	.3		.2	.1	.2	.2	.0									25	25	7	5
58/ 57		.3	.2	.1	.2	.2	.2	.2										36	36	9	3
56/ 55	.2	.1	.0	.2	.2	.3	.3	.2										39	39	22	11
54/ 53		.1	.3	.6	.7	.6	.4	.1										66	66	11	16
52/ 51	.1	.3	.8	.7	.8	.7	.2	.0										90	90	26	12
50/ 49	.1	.5	.4	.7	.9	.9	.4											96	96	37	15
48/ 47	.2	.5	.8	1.1	1.2	.9	.1											119	119	78	25
46/ 45	.0	.7	1.3	2.0	1.1	.5	.2											143	143	83	34
44/ 43	.3	.6	2.2	2.1	1.3	.2												166	167	116	51
42/ 41	.2	1.3	1.7	1.9	.8	.3												151	151	149	51
40/ 39	.4	.8	2.5	1.5	1.0	.2												157	157	189	92
38/ 37	.3	2.6	2.0	2.1	.7	.2												194	194	192	96
36/ 35	.6	2.1	2.2	1.4	.4	.1												168	168	229	154
34/ 33	.3	2.3	1.7	1.2	.3	.0												145	145	175	161
32/ 31	.5	2.4	1.7	1.1	.0													140	140	202	180
30/ 29	.5	2.2	1.3	.7	.1													119	119	172	195
28/ 27	.4	1.5	1.2	.4	.0													88	88	157	174
26/ 25	.2	1.8	1.2	.3														85	85	87	183
24/ 23	.2	1.5	.8	.1														64	64	92	134
22/ 21	.2	1.3	1.2	.0														69	69	80	129
20/ 19	.4	1.3	.9	.1														65	65	69	103
18/ 17	.5	1.0	.4															47	47	80	113
16/ 15	.1	1.1	.1															31	31	53	85
14/ 13	.2	.9	.2															29	29	30	83
12/ 11	.2	.8	.0															26	26	28	62
10/ 9	.2	.7																21	21	32	44
8/ 7	.0	.5																13	13	11	55
6/ 5	.1	.4																11	11	15	60
4/ 3	.2	.1																7	7	11	37
2/ 1	.0																	1	1	2	32

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (YEARS) JAN (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
0/ -1	.2																		4	4	4	21
-2/ -3																						8
-4/ -5																						6
-6/ -7																						11
-8/ -9																						5
-12/-13																						3
-14/-15																						1
TOTAL	6.8	30.3	25.7	18.5	10.1	5.3	2.3	.7	.1	.1										2457		2456
																			2456		2456	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	11794841	164669	67.0	17.527	2456							
Dry Bulb	3676951	90375	36.8	11.984	2457	.2	31.0	.1				93
Wet Bulb	2910610	80494	32.8	10.535	2456	.2	42.6					93
Dew Point	2024578	63896	26.0	12.147	2456	2.1	65.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.2			.1			.1										7	7		
62/ 61	.1	.2	.1	.1		.1												9	9	7	5
60/ 59	.1	.2	.1	.1	.1		.1											11	11	3	5
58/ 57		.3	.1	.1	.1	.1	.2	.1										16	16	6	1
56/ 55	.1	.4	.2	.2	.2	.2	.1	.1										24	24	13	6
54/ 53	.2	.3	.2	.2	.3		.1											23	23	13	18
52/ 51		.3	.5	.3	.4	.2												31	31	12	6
50/ 49	.2	.6	.4	.5	.5	.3	.1											47	47	16	13
48/ 47	.4	.0	.6	.6	.5	.4	.1											68	68	47	20
46/ 45		.5	.9	.8	.9	.3												64	64	44	25
44/ 43	.5	.7	1.7	.9	.8	.2												91	91	55	35
42/ 41	.2	1.7	1.7	1.4	.7	.1												113	113	69	28
40/ 39	.7	1.2	2.5	2.7	.5	.1												149	149	112	55
38/ 37	.6	2.3	3.5	1.7	.2	.1												164	164	123	72
36/ 35	.6	3.8	2.8	1.1	.2	.1												168	168	181	91
34/ 33	.6	3.2	2.5	1.1	.2													147	147	208	108
32/ 31	.6	3.2	2.1	.6	.2													130	130	157	162
30/ 29	.9	3.1	2.2	.5	.1													132	132	159	171
28/ 27	.5	3.3	2.1	.1														116	116	144	151
26/ 25	.5	1.9	1.1	.1														68	68	129	125
24/ 23	.4	2.5	1.4															83	83	85	158
22/ 21	.2	2.2	.6	.1														59	59	67	116
20/ 19	.5	1.7	.7	.1														57	57	77	68
18/ 17	.2	1.7	.5															46	46	60	96
16/ 15	.5	.9	.2															31	31	42	90
14/ 13	.1	1.3	.1															28	28	30	69
12/ 11	.4	.5	.1															19	19	33	49
10/ 9	.4	1.0																27	27	26	28
8/ 7	.2	.3																9	9	18	45
6/ 5	.1	.7																15	15	7	43
4/ 3	.1	.1																2	2	11	33
2/ 1	.1	.2																6	6	4	22
0/ -1	.2	.1																6	6	8	19
-2/ -3																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-47,49-75 YEARS | JAN MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					12
-6/ -7																					4
-8/ -9																					1
-10/-11																					7
-12/-13																					2
TOTAL	9.3	41.1	28.5	12.9	5.5	1.8	.6	.2										1966		1966	1966
																	1966		1966		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10827132	142614	72.5	15.660	1966							
Dry Bulb	2487284	66336	33.7	11.257	1966	.3	39.5					93
Wet Bulb	2072832	60520	30.8	10.334	1966	.4	50.0					93
Dew Point	1541657	49767	25.3	11.977	1966	2.5	69.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-60,72-73,75 (YEARS) FEB (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
64/ 63			.4			.1												8	8		
62/ 61		.1	.1	.1														6	6	1	
60/ 59	.1	.1		.1	.3													9	9	13	4
58/ 57	.1	.2	.1	.3	.1	.1	.2	.1										15	15	1	11
56/ 55	.1	.3	.2		.1		.1											11	11	7	3
54/ 53		.3	.6	.1	.1	.5	.1											27	27	10	2
52/ 51	.1	.7	.5	.3	.5	.2	.2											38	38	21	15
50/ 49	.3	1.0	1.0	.2	.2	.3												47	47	24	13
48/ 47	.9	1.1	.5	1.0	1.0	.6	.1											80	80	45	36
46/ 45	1.0	1.4	.7	1.8	.3	.3	.1											86	86	65	52
44/ 43	.9	1.4	2.3	1.6	1.0	.2												112	112	60	34
42/ 41	.5	1.4	2.2	1.0	1.2													98	98	78	52
40/ 39	.9	1.9	2.7	.8	.4													102	102	127	36
38/ 37	.7	1.2	2.6	1.0	.3													89	89	98	62
36/ 35	1.1	2.7	1.4	.8	.4													99	99	127	93
34/ 33	1.5	2.9	2.5	.7	.1													117	117	133	132
32/ 31	1.4	4.1	2.7	.5														133	133	109	119
30/ 29	.3	3.5	1.9	.4	.1													95	95	139	103
28/ 27	.9	3.1	1.4	.4														89	90	113	102
26/ 25	1.0	2.4	1.5	.1														77	77	89	123
24/ 23	.5	1.4	.5															37	37	72	110
22/ 21	.3	2.2	.2															41	41	55	88
20/ 19	.9	1.0	.3															32	32	49	97
18/ 17	.3	1.2	.3															26	26	18	52
16/ 15	.3	.6																14	14	28	70
14/ 13	.5	.5	.2															18	18	18	47
12/ 11	.1	.3																7	7	8	31
10/ 9	.2	.1																4	4	8	23
8/ 7	.3	.1																7	7	7	27
6/ 5	.1	.1																2	2	3	7
4/ 3		.1																2	2	1	7
2/ 1																				1	5
0/ -1																					1
-2/ -3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-60,72-73,75 YEARS | FEB MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					4
-6/ -7																					3
TOTAL	15.2	37.8	26.6	11.1	6.0	2.3	.9	.1										1528	1529	1528	1528

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9212974	115934	76.0	16.189	1525							
Dry Bulb	2144307	54985	36.0	10.453	1529		32.1					84
Wet Bulb	1822080	50678	33.2	9.619	1528		39.5					84
Dew Point	1428700	43592	28.5	11.009	1528	.5	54.0					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46, 49-75 YEARS | FEB MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.2															3	3		
62/ 61		.2	.2	.1	.1	.1												11	11		
60/ 59		.2	.1		.1													6	6	8	
58/ 57		.3	.1	.1			.1											10	10	9	9
56/ 55	.2	.4	.1	.2		.1	.1											18	18	14	11
54/ 53	.1	.1	.2	.1	.1													9	9	8	4
52/ 51	.3	.5	.5	.4	.2	.1	.2											40	40	16	14
50/ 49	.2	.4	.4	.6	.3	.2												38	38	17	14
48/ 47	.7	1.0	.5	.5	.3	.3												64	64	37	25
46/ 45	1.0	1.1	.8	.7	.6	.2												86	86	63	45
44/ 43	.7	.9	1.1	.8	.5	.1												80	80	62	51
42/ 41	.3	1.3	2.0	1.0	.9													109	109	60	35
40/ 39	.9	2.3	3.0	1.1	.4													148	148	110	47
38/ 37	.7	2.2	2.5	1.2	.1													129	130	133	68
36/ 35	.7	3.4	2.1	.5	.1													130	130	152	90
34/ 33	1.4	3.0	2.2	.7	.1													143	143	168	150
32/ 31	1.7	3.8	1.9	.4														149	149	175	161
30/ 29	1.3	5.0	2.4	.4														176	176	158	132
28/ 27	.8	3.3	1.2	.2														107	107	160	129
26/ 25	1.1	3.7	1.5	.1														123	123	127	161
24/ 23	.7	2.0	1.1															75	75	103	145
22/ 21	.6	2.8	.4	.1														75	75	89	118
20/ 19	.8	2.0	.2															57	57	80	82
18/ 17	.6	1.5	.2															45	45	48	79
16/ 15	.2	1.3	.1															31	31	46	87
14/ 13	.5	.4	.1															18	18	31	68
12/ 11	.4	.6																19	19	16	48
10/ 9	.2	.2																7	7	16	49
8/ 7	.2	.4																11	11	8	36
6/ 5	.2	.2																6	6	11	21
4/ 3	.1																	1	1	1	19
2/ 1	.1																	1	1	1	12
0/ -1	.1																	1	1	1	4
-2/ -3	.1																	1	1	1	6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB 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
-4/ -5																					5
-6/ -7																					1
-10/-11																					1
TOTAL	16.	344.	525.	0	9.2	3.6	1.0	.3											1928		1927
																		1927		1927	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11945357	148877	77.3	14.974	1925							
Dry Bulb	2375368	64652	33.5	10.374	1928	.1	39.3					84
Wet Bulb	2051934	60042	31.2	9.698	1927	.1	46.7					84
Dew Point	1618860	51550	26.8	11.159	1927	.7	59.5					84

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63				.0														1	1		
62/ 61		.0	.0		.1													5	5		
60/ 59		.3	.0															9	9	3	
58/ 57		.1	.1	.1	.2		.1											14	14	8	8
56/ 55		.2	.0	.1	.1													9	9	10	5
54/ 53	.1	.3	.1	.1	.0	.0		.0										19	19	8	10
52/ 51		.5	.3	.1	.2	.1	.1											30	30	12	5
50/ 49	.2	.8	.3	.2	.3	.1	.1											48	48	27	22
48/ 47	.4	.5	.6	.1	.2	.2	.0											48	48	43	20
46/ 45	.9	.8	.8	.7	.5	.1												90	90	57	38
44/ 43	.5	1.0	1.0	.5	.4	.0												81	81	55	37
42/ 41	.6	1.1	2.3	1.2	.3													131	131	66	49
40/ 39	.8	2.2	1.8	1.5	.3	.0												158	161	105	57
38/ 37	1.0	2.3	2.9	.8	.2													172	172	176	77
36/ 35	.8	2.5	2.3	.6														175	175	176	108
34/ 33	1.3	4.0	2.6	.5	.2													206	206	223	166
32/ 31	2.0	3.6	1.9	.5		.0												193	193	212	178
30/ 29	.8	5.0	1.9	.4														192	192	207	188
28/ 27	.7	4.7	1.0	.1														155	155	197	166
26/ 25	1.0	4.0	1.4	.0														153	153	185	174
24/ 23	.8	3.5	.9	.0														127	127	138	193
22/ 21	.2	3.1	.7															95	95	122	181
20/ 19	.8	2.3	.4															84	84	110	126
18/ 17	.5	1.6	.3															56	56	70	94
16/ 15	.4	1.8	.2															56	56	60	119
14/ 13	.3	.7																24	24	48	73
12/ 11	.4	.4																19	19	25	67
10/ 9	.3	.5																20	20	23	63
8/ 7	.2	.3																12	12	11	39
6/ 5	.3	.3																12	12	15	39
4/ 3	.1	.0																3	3	5	35
2/ 1																					18
0/ -1																					8
-2/ -3	.0	.1																3	3	2	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												

1

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																			1	9
-6/ -7																				2
-8/ -9																				2
TOTAL	15.3	49.5	23.9	7.5	2.9	.6	.3	.0										2403		2400
																	2400		2400	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14995464	186510	77.7	14.371	2399							
Dry Bulb	2760800	77744	32.4	10.111	2403	.1	42.1					84
Wet Bulb	2391842	72268	30.1	9.483	2400	.1	50.1					84
Dew Point	1882510	61850	25.8	10.968	2400	.9	62.2					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75											.0							1	1		
74/ 73										.0								1	1		
72/ 71									.1									2	2		
70/ 69								.0										1	1		
68/ 67					.1	.0		.0										4	4		
66/ 65				.0	.1		.1	.0	.1	.0								10	10		
64/ 63			.1	.0	.0	.0	.0	.1	.1	.0								13	13		
62/ 61		.1	.2	.0	.1	.1	.3	.0	.1	.0								26	26	2	
60/ 59	.0	.0	.2	.1	.1	.2	.1	.3	.0									30	30	11	2
58/ 57	.0	.1	.2	.2		.4	.5	.3										45	45	9	9
56/ 55	.1	.4	.1	.2	.4	.7	.9	.2										76	76	19	7
54/ 53	.1	.3	.2	.2	.3	.5	.6	.2	.1									67	67	30	18
52/ 51	.3	.5	.5	.8	1.0	1.0	.6	.1										121	121	36	24
50/ 49	.4	.8	.4	1.1	1.2	.9	.3											132	132	55	35
48/ 47	.3	.6	.6	1.4	1.1	.7	.0											122	122	85	31
46/ 45	.3	.7	1.0	1.4	1.4	.4	.1	.0										140	140	116	47
44/ 43	.2	.7	1.2	2.0	1.4	.3	.0											148	148	138	39
42/ 41	.4	1.2	1.4	1.7	.8	.3	.0											148	149	174	62
40/ 39	.7	1.5	1.7	2.1	.9	.2												184	185	196	101
38/ 37	.5	1.9	2.1	1.9	.6	.0												184	184	213	111
36/ 35	.9	1.9	2.2	1.6	.3	.0												178	181	216	161
34/ 33	1.4	2.6	1.6	1.1	.2													178	178	201	191
32/ 31	1.0	2.2	2.1	.8	.1													161	163	230	209
30/ 29	.3	2.2	1.6	.5														119	119	177	220
28/ 27	.4	1.9	1.5	.4														109	109	138	190
26/ 25	.3	1.6	1.2	.2														90	90	128	198
24/ 23	.2	1.5	.9	.1														70	71	98	162
22/ 21	.5	1.5	.4	.0														62	62	95	140
20/ 19	.2	1.2	.6															51	51	59	106
18/ 17	.1	.6	.5															32	32	44	105
16/ 15	.3	.9	.2															34	35	46	91
14/ 13	.3	.4																18	18	28	73
12/ 11	.1	.3																12	12	22	63
10/ 9	.0	.2																5	5	6	46

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB 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
8/ 7	.2	.0																5	5	7	40
6/ 5	.0	.0																2	3	1	30
4/ 3																				1	34
2/ 1		.0																1	1		17
0/ -1																				1	7
-2/ -3																					4
-4/ -5																					7
-8/ -9																					1
-10/-11																					1
TOTAL	9.4	28.1	22.7	17.9	10.3	5.9	3.6	1.4	.5	.2	.0								2592		2582
																		2582		2582	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	12702762	174268	67.5	19.050	2581							
Dry Bulb	4161635	99599	38.4	11.362	2592		25.1	.3	.1			84
Wet Bulb	3270694	88456	34.3	9.649	2582	.0	35.2					84
Dew Point	2284573	71225	27.6	11.132	2582	.7	56.7					84

USAFETAC FORM 0-26-5 (O-_A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — FEB MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85													.0					1	1		
82/ 81												.0						1	1		
80/ 79									.0	.0	.0	.0	.1					6	6		
78/ 77									.0	.0		.1						4	4		
76/ 75			.0				.0	.0	.0	.0	.2	.0						11	11		
74/ 73						.0		.0	.1		.1	.1	.1					11	11		
72/ 71				.0		.1		.0	.2	.2	.2	.2						23	23	1	
70/ 69			.0		.1	.1	.2	.2	.4	.4	.3	.1						47	47		1
68/ 67				.0	.0	.1	.1	.2	.3	.3	.2							31	31		
66/ 65			.2	.1	.1	.3	.3	.5	.4	.4	.0							57	57	3	
64/ 63				.1	.2	.3	.7	.8	.6	.5	.0							82	82	6	2
62/ 61		.0	.0	.2	.3	.3	.5	.9	.5	.2								79	79	13	3
60/ 59		.1	.3	.2	.3	.7	.8	1.1	.8	.2								118	118	11	4
58/ 57			.2	.3	.6	1.1	1.1	1.1	.3	.0								124	124	24	7
56/ 55	.1	.2	.2	.4	.7	.9	1.1	.7	.1	.0								115	115	59	11
54/ 53	.0	.2	.4	.4	.9	1.4	1.0	.5										125	125	82	14
52/ 51	.3	.6	.5	.5	1.0	1.4	.8	.3										139	139	113	31
50/ 49	.0	.3	.4	.7	1.1	1.3	.7	.2										126	126	146	43
48/ 47	.2	.5	.5	1.0	1.3	1.6	.9	.0										155	155	164	44
46/ 45	.2	.7	.2	1.2	1.3	1.2	.7	.0										143	143	182	65
44/ 43	.3	.5	.8	1.3	1.3	.7	.3											134	134	197	66
42/ 41	.4	1.1	1.1	1.2	1.0	.5												137	137	174	99
40/ 39	.2	1.4	1.4	1.5	.9	.4												146	146	212	112
38/ 37	.2	.7	.8	1.4	.7	.3												103	103	191	129
36/ 35	.4	1.3	1.4	.9	.5	.0												120	122	181	175
34/ 33	.7	1.1	.9	1.0	.5	.1												110	111	157	178
32/ 31	.6	.8	1.4	.9	.1													98	99	155	198
30/ 29	.2	1.2	1.0	.5	.1													75	75	103	191
28/ 27	.2	1.2	.9	.4	.0													72	73	128	166
26/ 25	.2	.8	.7	.2														50	50	81	184
24/ 23	.2	.8	.4	.1														39	39	62	177
22/ 21	.2	.8	.7	.1														46	46	53	129
20/ 19	.1	.7	.3															28	28	47	99
18/ 17	.1	.5	.1															19	19	33	81

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 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
16/ 15	.2	.1	.0															8	8	19	96
14/ 13		.0	.0															2	2	5	78
12/ 11	.1	.1																5	5	6	53
10/ 9																				2	44
8/ 7																					46
6/ 5																					22
4/ 3																					13
2/ 1																					12
0/ -1																					6
-2/ -3																					1
-4/ -5																					5
-6/ -7																					5
TOTAL	4.9	15.8	14.9	14.6	13.0	13.0	9.2	6.6	3.9	2.3	1.0	.6	.2					2590	2595	2590	2590

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9324513	145005	56.0	21.585	2590							
Dry Bulb	5876789	118709	45.7	13.118	2595		14.4	4.4	1.1	.1		84
Wet Bulb	4132113	100225	38.7	9.899	2590		22.5	.0				84
Dew Point	2505707	74981	29.0	11.375	2590	.6	52.1	.0				84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 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
86/ 85													.1					2	2		
82/ 81										.0		.2						5	5		
80/ 79									.1	.0			.1	.0				7	7		
78/ 77								.0	.0	.1	.0	.0	.1					10	10		
76/ 75							.1	.1		.1	.1	.2	.1					15	15		
74/ 73					.0			.0	.2	.1	.1	.2	.2					20	20		
72/ 71				.0	.1	.2	.1	.2	.4	.3	.3	.3	.0					47	47		
70/ 69				.0		.2	.1	.3	.5	.4	.4	.1						50	50		
68/ 67						.2	.3	.5	.4	.6	.5							61	61		
66/ 65				.0	.3	.4	.4	.6	.8	.8	.3							93	93	3	1
64/ 63			.1		.3	.4	.4	.8	.9	.4	.1							90	90	9	1
62/ 61			.0	.2	.2	.4	.5	.9	.5	.4	.0							86	86	13	1
60/ 59			.1	.3	.5	.5	.8	1.0	.9	.3								108	108	18	1
58/ 57		.1	.1	.2	.6	1.3	.7	1.2	.7	.1								128	128	37	5
56/ 55		.2	.2	.4	.7	1.3	1.0	1.3	.2	.0								131	131	67	11
54/ 53	.1	.3	.2	.6	.9	1.3	.5	.6	.1									117	117	98	23
52/ 51	.2	.2	.6	.7	.7	1.3	1.0	.6	.0									136	136	104	35
50/ 49	.1	.2	.5	.7	1.2	1.9	1.6	.5	.0									167	167	158	37
48/ 47	.2	.3	.5	.7	1.3	1.5	1.0	.1										144	144	193	44
46/ 45	.2	.9	.8	1.0	1.2	.8	.4	.1										139	139	169	70
44/ 43	.4	.7	.7	.7	.9	.7	.0											104	104	219	89
42/ 41	.4	.7	.7	1.1	.7	.6	.1											109	109	195	101
40/ 39	.2	.5	1.3	.9	.9	.9												122	122	198	131
38/ 37	.2	.9	1.0	1.4	.8	.3												117	117	178	105
36/ 35	.6	.9	1.4	1.0	.6	.1												117	117	175	166
34/ 33	.6	1.2	.7	.4	.2	.1												85	85	135	180
32/ 31	.1	.5	.8	.8	.2													64	64	138	171
30/ 29	.1	1.1	.7	.4	.0													60	60	102	169
28/ 27	.2	.9	.6	.2														49	49	88	177
26/ 25	.2	.9	.8	.2														51	51	68	182
24/ 23	.1	1.1	.3	.2														44	44	56	140
22/ 21	.0	.8	.5															34	34	55	157
20/ 19	.2	.6	.1															22	22	33	114
18/ 17	.2	.2	.1															13	13	32	98

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15	.1	.1																5	5	10	104
14/ 13		.1																3	3	2	72
12/ 11																				2	45
10/ 9																					47
8/ 7																					23
6/ 5																					11
4/ 3																					16
2/ 1																					15
0/ -1																					4
-4/ -5																					3
-6/ -7																					6
TOTAL	4.2	13.4	12.8	12.4	12.6	14.2	9.0	8.8	5.8	3.7	1.8	.9	.5	.0				2555	2555	2555	2555

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8356412	134838	52.8	22.038	2555							
Dry Bulb	6346845	122613	48.0	13.460	2555		11.3	7.1	1.9	.4		84
Wet Bulb	4319799	102035	39.9	9.794	2555		19.3					84
Dew Point	2504622	74618	29.2	11.288	2555	.4	51.1					84

FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77										.0								1	1		
76/ 75												.0						1	1		
74/ 73								.1				.1						4	4		
72/ 71						.0		.1	.0	.0								5	5		
70/ 69					.1	.0	.0			.0								5	5		
68/ 67				.0	.0	.1	.1		.1	.0	.0							11	11		
66/ 65		.0	.0	.0	.0	.1	.0	.1	.1	.3	.0							20	20		
64/ 63		.1	.0	.2	.2	.0	.4	.2	.2	.0								30	30	2	
62/ 61		.0	.1	.2	.3	.3	.2	.3	.2									37	37	7	3
60/ 59			.2	.6	.2	.4	.3	.4	.4									51	51	8	
58/ 57			.1	.5	.5	.4	.5	.4	.0									52	52	17	6
56/ 55	.0	.1	.7	.8	.5	1.2	.9	.6	.1									109	109	19	8
54/ 53	.1	.7	.7	.7	.7	1.2	.7	.4										109	109	39	15
52/ 51	.2	.3	.6	.7	1.1	.8	.4	.1										93	93	72	25
50/ 49	.3	.2	1.0	1.3	1.2	1.8	.7	.1										140	140	77	50
48/ 47	.0	.4	1.0	1.5	1.5	.9	.4	.0										123	123	82	38
46/ 45	.2	1.0	1.2	2.0	1.7	1.3	.3		.0									165	165	138	36
44/ 43	.8	1.5	1.1	1.2	1.2	.7	.0											139	139	175	84
42/ 41	.5	.9	1.0	1.8	.9	.5	.0											122	122	175	85
40/ 39	.2	.7	1.4	1.7	1.3	.0	.0											116	116	161	101
38/ 37	.1	1.5	1.9	1.2	.7	.3												122	122	148	93
36/ 35	.5	2.0	1.9	1.5	.8	.1												144	144	166	124
34/ 33	.7	2.1	1.6	1.0	.2													122	122	184	148
32/ 31	.3	1.3	1.4	1.0	.2													89	89	148	147
30/ 29	.2	1.2	1.6	.6	.0													79	79	120	185
28/ 27	.6	1.8	.8	.4														70	70	113	126
26/ 25	.2	.7	1.0															42	42	87	172
24/ 23	.2	1.0	.2	.1														32	32	59	118
22/ 21	.3	1.3	.3															41	41	41	125
20/ 19	.1	1.2	.2	.0														32	32	36	83
18/ 17	.4	.7	.0															24	25	44	82
16/ 15	.2	.1	.1															9	9	17	100
14/ 13	.0	.1																4	5	7	64
12/ 11	.1	.1																4	4	3	45

Element (X)	ΣX^2	ΣX	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9		.0																1	1	3	31
8/ 7																					15
6/ 5																					16
4/ 3																					8
2/ 1																					4
0/ -1																					5
-2/ -3																					2
-4/ -5																					2
-6/ -7																					2
TOTAL	6.1	20.9	20.4	19.1	13.4	10.1	5.2	2.8	1.3	.6	.1	.1						2148	2150		2148

Elemen. (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.	9341785	135161	63.0	19.701	2147							
Dry Bulb	4131468	90936	42.3	11.521	2150		16.8	1.1	.2			84
Wet Bulb	3128555	79477	37.0	9.446	2148		26.5					84
Dew Point	2102434	62880	29.3	11.040	2143	.4	52.1					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1											1	1		
70/ 69						.1												2	2		
66/ 65				.1		.1												4	4		
64/ 63			.1		.1					.1								5	5		
62/ 61		.2	.3	.1		.1		.1		.1								12	12	1	
60/ 59	.1	.1	.2	.2	.2	.4	.2	.2										25	25	10	5
58/ 57	.1	.2	.2	.2	.2	.1	.2	.1										21	21	10	4
56/ 55			.5	.3	.1	.4	.4											27	27	10	8
54/ 53		.4	.4	.4	.2	.7	.1											35	35	10	5
52/ 51	.3	1.0	.8	.6	.6	.7	.5											76	76	33	12
50/ 49	.4	1.3	1.0	.7	1.1	.7	.1											88	88	44	41
48/ 47	.1	1.3	.8	1.8	1.1	.7	.2											99	99	61	30
46/ 45	.6	.7	1.0	1.9	1.4	.7												106	106	71	47
44/ 43	.8	1.2	1.9	1.9	1.2	.3	.1											125	125	94	53
42/ 41	.5	1.7	1.4	1.5	.9	.1												103	103	116	55
40/ 39	.9	1.6	1.7	1.6	.5	.1												106	106	142	71
38/ 37	.4	1.4	1.9	1.7	.8													103	103	123	58
36/ 35	.8	2.7	1.9	1.2	.5													120	120	131	111
34/ 33	1.2	2.4	2.4	1.1	.1													122	122	134	119
32/ 31	.5	3.1	2.4	.6	.1													113	113	132	120
30/ 29	.5	2.8	2.1	.4														97	97	140	147
28/ 27	.5	2.9	1.8	.1														89	89	108	109
26/ 25	.2	2.0	1.2	.1														61	61	99	139
24/ 23	.2	1.3	.4															32	32	62	121
22/ 21	.4	1.1	.2															27	27	55	83
20/ 19	.1	1.4	.1															27	27	20	58
18/ 17	.7	1.1	.1															31	31	39	83
16/ 15	.2	.7	.1															17	17	20	68
14/ 13	.1	.3	.1															8	9	14	49
12/ 11	.2	.1																5	5	7	40
10/ 9	.1	.1																4	4	3	25
8/ 7		.1																1	1	3	11
6/ 5																					9
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												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | FEB MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
27 1																					4
01 -1																					2
-47 -5																					2
TOTAL	9.9	33.0	24.6	16.4	8.8	5.0	1.9	.3		.1								1693		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.	9185877	121141	71.6	17.411	1692							
Dry Bulb	2673278	64844	38.3	10.588	1693		25.5	.1				94
Wet Bulb	2186336	58726	34.7	9.358	1692		34.9					84
Dew Point	1633783	49361	29.2	10.705	1692	.2	53.3					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-61,63,68-69,72-75 YEARS | MAR 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
72/ 71					.1		.1					.1							3	3		
70/ 69				.1			.1												3	3		
68/ 67			.1			.1	.1				.1	.1							6	6		
66/ 65			.2	.3	.3			.2	.1	.1	.1	.1							19	19	1	
64/ 63		.1	.3	.4	.1	.1	.1		.1										19	19	4	1
62/ 61		.4	.6	.1	.1	.1	.1	.1	.1										27	27	10	2
60/ 59		.4	.4	.2	.3	.5	.2	.2											35	35	18	9
58/ 57		.6	.4	.4	.3	.1		.2											31	31	27	18
56/ 55		.5	.4	.3	.3	.5	.3												34	34	22	22
54/ 53	.7	.6	.4	1.0	.4	1.1	.4	.2											73	73	34	32
52/ 51	.2	.5	.6	.9	.3	.6	.3	.1											55	55	38	28
50/ 49	.8	1.0	1.3	.7	.7	.4	.2												81	81	45	26
48/ 47	.9	1.4	1.3	.9	1.3	.9	.1												109	109	81	46
46/ 45	.4	1.5	1.2	1.3	1.3	.1	.1												95	95	90	36
44/ 43	.8	.9	1.1	1.8	1.1	.6													101	101	90	69
42/ 41	.8	2.0	1.7	1.8	.7	.1													112	112	100	71
40/ 39	.4	2.4	2.6	1.3	.6														117	117	116	78
38/ 37	.9	3.3	1.9	1.7	.3														130	130	158	71
36/ 35	.4	3.3	1.4	1.3	.1														104	104	145	108
34/ 33	.6	3.0	1.8	.8	.1														101	101	121	114
32/ 31	.9	3.0	1.5	.7															98	98	128	143
30/ 29	.3	2.0	1.4	.3															63	63	97	136
28/ 27	.3	2.4	.5																57	57	82	86
26/ 25	.1	1.4	.6																34	34	57	115
24/ 23	.2	1.3	.1																25	25	47	86
22/ 21	.2	.6	.3																16	16	24	90
20/ 19		.7	.1																12	12	19	51
18/ 17	.3	.7																	15	15	14	39
16/ 15	.1	.1																	4	4	10	41
14/ 13		.3																	4	4	4	26
12/ 11	.1	.2																	4	4	4	20
10/ 9	.1																		2	2	3	6
8/ 7	.2	.2																	6	6	5	7
6/ 5		.1																	1	1	1	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												

1

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-61,63,68-69,72-75 YEARS | MAR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3		.1																2	2	3	4
2/ 1																					1
0/ -1																					4
-4/ -5																					2
-6/ -7																					1
TOTAL	9.5	34.9	22.6	16.1	8.2	5.1	2.0	.8	.3	.1	.1	.2							1598		1598
																		1598		1598	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	< 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8983192	116328	72.8	17.932	1598							
Dry Bulb	2893128	63658	41.1	11.061	1598		20.0	41				93
Wet Bulb	2386644	59716	37.4	9.855	1598		29.0					93
Dew Point	1855581	51417	32.2	11.252	1598	.4	50.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69				.0														1	1		
68/ 67			.0	.0	.1		.1											6	6		
66/ 65			.0	.2	.1	.1												9	9		
64/ 63		.0	.2	.1	.0	.0	.1		.0		.0							14	14	3	
62/ 61		.3	.3	.4			.1	.0		.0								25	25	9	2
60/ 59		.5	.4	.2	.2	.0	.0											30	30	14	8
58/ 57	.0	.6	.3		.3	.2	.2	.2	.0									43	43	28	17
56/ 55	.1	.8	.6	.3	.2		.3											49	49	34	32
54/ 53	.4	.5	.6	.5	.5	.3	.1											62	62	36	29
52/ 51	.1	1.0	.5	.9	.4	.3												67	67	37	34
50/ 49	.5	1.4	.7	.9	.5	.3	.0											91	91	65	43
48/ 47	.6	1.3	1.0	.8	.6	.1	.0											91	91	79	53
46/ 45	.7	1.8	1.7	1.1	1.4	.3												145	145	106	60
44/ 43	.4	1.4	1.3	1.4	1.0	.2												117	117	106	65
42/ 41	.9	1.8	1.5	1.3	.5	.0												126	126	115	82
40/ 39	.5	2.1	2.7	1.1	.6													144	144	121	104
38/ 37	.6	3.0	2.0	1.7	.1													152	152	164	93
36/ 35	.7	3.2	2.5	.8	.0													150	150	180	113
34/ 33	.8	2.9	2.1	.8	.0													137	137	173	132
32/ 31	.5	3.9	3.0	.6														166	166	159	167
30/ 29	.5	2.8	1.6	.4														109	109	154	173
28/ 27	.5	2.8	1.2	.2														98	98	137	114
26/ 25	.5	1.7	1.0	.0														67	67	106	146
24/ 23	.4	1.5	.4															48	48	71	133
22/ 21		1.1	.2															28	28	50	123
20/ 19	.0	1.0																22	22	31	67
18/ 17	.2	.4																14	14	26	71
16/ 15	.1	.6																15	15	18	49
14/ 13	.0	.2																5	5	8	49
12/ 11	.0	.2																5	5	3	29
10/ 9	.0	.3																7	7	9	26
8/ 7	.0	.2																5	5	3	14
6/ 5	.1	.1																6	6	7	7
4/ 3	.0																	1	1	3	3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					9
0/ -1																					5
-4/ -5																					3
TOTAL	9.8	39.8	25.9	14.0	6.8	2.1	1.1	.3	.1	.0	.0								2055		2055
																		2055		2055	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12105792	154212	75.0	16.114	2055							
Dry Bulb	3361911	80051	39.0	10.890	2055		27.0	.3				93
Wet Bulb	2844227	73613	35.8	10.046	2055		35.5					93
Dew Point	2264453	64007	31.1	11.483	2055	.4	53.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 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
70/ 69					.0													1	1		
68/ 67					.1													2	2		
66/ 65		.0		.0		.0	.0											4	4		
64/ 63			.2	.2	.0	.2	.0											19	19	1	
62/ 61		.4	.3	.2	.2	.1	.0	.1										33	33	3	1
60/ 59		.3	.6	.2	.2		.1	.1	.0									40	40	21	5
58/ 57	.1	.7	.3	.3	.3	.2	.0	.1										53	53	30	18
56/ 55	.2	.8	.5	.2	.2	.3	.2	.2	.0									68	68	51	34
54/ 53	.1	.7	.8	.6	.3	.2	.2											73	73	40	39
52/ 51	.1	1.4	.9	.8	.3	.4	.1											102	102	57	43
50/ 49	.3	1.9	.9	.9	.7	.3	.1											128	128	93	60
48/ 47	.5	1.1	1.4	.9	.8	.3	.0											131	131	108	84
46/ 45	.8	2.0	1.0	1.0	1.3	.2												165	165	125	93
44/ 43	.3	1.6	1.5	1.3	.7	.3												147	147	144	72
42/ 41	.7	1.5	1.9	1.5	.5	.1												161	162	146	118
40/ 39	.4	2.1	2.2	1.5	.4													173	173	153	128
38/ 37	.8	2.5	2.5	1.5	.1													189	189	223	100
36/ 35	.6	3.0	2.2	.8														171	171	196	142
34/ 33	.7	3.4	1.9	.7	.1													173	173	211	155
32/ 31	.7	3.7	1.7	.5														170	170	209	199
30/ 29	.5	2.5	2.1	.5	.1													148	148	158	215
28/ 27	.6	2.9	1.2	.2														126	126	153	176
26/ 25	.4	1.9	1.0	.1														89	89	148	170
24/ 23	.2	1.6	.4															58	58	83	153
22/ 21	.2	1.5	.4															55	55	76	127
20/ 19	.2	1.0	.2															34	34	62	93
18/ 17	.0	.5	.1															17	17	28	95
16/ 15	.1	.5	.0															16	16	20	64
14/ 13	.1	.3																11	11	13	61
12/ 11	.1	.0																4	4	9	45
10/ 9		.3																9	9	5	34
8/ 7	.0	.2																6	6	8	21
6/ 5	.0	.1																4	4	5	4
4/ 3	.1																	2	2	3	15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (01, A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 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
2/ 1	.1																	2	2	2	7
0/ -1	.0																	1	1	1	7
-2/ -3																					3
-4/ -5																					4
TOTAL	8.8	40.6	26.3	14.1	6.3	2.5	.9	.5	.1									2585	2586	2585	2585

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15124634	193416	74.8	15.894	2585							
Dry Bulb	4233284	100692	38.9	10.997	2586	.0	27.0	.1				93
Wet Bulb	3582795	92577	35.8	10.171	2585	.0	25.4					93
Dew Point	2846307	80305	31.1	11.664	2585	.5	53.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 62 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81													.0					1	1		
80/ 79									.0				.0					2	2		
78/ 77								.0	.0		.1	.0						5	5		
76/ 75						.1	.1	.0		.1	.1							12	12		
74/ 73					.1		.2	.1	.1	.1	.1	.0						20	20		
72/ 71			.0	.0	.0	.1	.1	.0	.1	.1	.1	.0						22	23		
70/ 69				.1	.1	.3	.1	.2	.4	.1	.1	.0						41	41		
68/ 67	.0		.1	.2	.4	.2	.4	.1	.2	.2	.1							50	50	2	1
66/ 65		.0	.2	.2	.4	.4	.4	.3	.5	.2	.0							77	77	8	1
64/ 63		.1	.2	.4	.5	.6	.4	.3	.3	.4	.1							92	92	17	4
62/ 61		.2	.4	.6	.5	.3	.3	.5	.2	.2								86	86	34	11
60/ 59	.0	.3	.4	.7	.6	.5	.7	.8	.3	.0								124	124	45	18
58/ 57	.0	.4	.6	.4	.7	.6	.9	.5	.3									125	125	75	24
56/ 55	.1	.4	.4	.5	1.0	.9	.9	.6										133	133	90	46
54/ 53		.6	.7	.8	.9	1.2	.9	.3										151	151	112	70
52/ 51	.2	.8	.5	1.2	1.4	1.1	.5											159	159	115	71
50/ 49	.1	.9	1.1	1.1	1.0	1.1	.4	.1										165	165	140	79
48/ 47	.2	.9	.8	1.3	1.0	.9	.4	.0										158	158	180	76
46/ 45	.2	1.1	.9	1.6	.9	.5	.1											150	150	203	111
44/ 43	.4	1.0	1.4	1.4	1.1	.5	.1											165	165	222	125
42/ 41	.3	1.2	1.0	1.5	1.1	.3												152	152	212	116
40/ 39	.3	1.1	1.8	1.4	.9	.1												158	158	194	134
38/ 37	.3	1.0	1.1	1.5	.4	.1												123	123	170	157
36/ 35	.4	1.2	1.6	1.0	.3	.0												128	128	193	174
34/ 33	.6	1.6	1.0	.8	.3													120	120	173	202
32/ 31	.4	1.2	1.4	.7	.1													106	106	157	182
30/ 29	.2	1.3	1.0	.5														88	88	120	188
28/ 27	.4	.7	1.0	.3														66	66	109	165
26/ 25	.1	.3	.7															34	34	74	192
24/ 23	.1	.3	.4															22	22	53	142
22/ 21	.1	.5	.3															25	25	35	112
20/ 19	.1	.3	.2															18	18	31	77
18/ 17		.1	.1															6	6	11	72
16/ 15		.1	.0															5	5	10	82

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

1

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 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
14/ 13	.0	.2																7	7	7	55
12/ 11	.0	.2																8	8	7	32
10/ 9		.1																2	2	3	21
8/ 7																				2	23
6/ 5	.0																	1	1	1	17
4/ 3																					14
2/ 1																					8
0/ -1																					4
-8/ -9																					1
TOTAL	4.6	18.4	19.7	18.3	13.6	9.9	6.9	3.8	2.5	1.4	.6	.1	.1						2808		2807
																		2807		2807	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11956786	174344	62.1	20.052	2807							
Dry Bulb	6565176	131114	46.7	12.564	2808		12.9	5.1	1.3	.1		93
Wet Bulb	4940811	114149	40.7	10.320	2807		20.6	.1				93
Dew Point	3459056	92320	33.0	12.081	2807	.2	46.0	.0				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR 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
94/ 93																	.0	1	1		
88/ 87												.0			.0	.1		6	6		
86/ 85											.1		.0		.1	.0		7	7		
84/ 83									.1	.0		.0	.1	.1	.2			15	15		
82/ 81							.0		.1	.2	.1	.3	.1	.0	.1			26	26		
80/ 79							.0	.1	.2	.2	.2	.1	.2	.2	.0			39	39		
78/ 77						.1	.2	.1	.2	.1	.4	.2	.2	.2				46	46		
76/ 75					.1	.1	.2	.2	.3	.4	.0	.2	.1	.1				50	50		
74/ 73				.0	.0	.1	.4	.4	.4	.2	.4	.2	.2					67	67		
72/ 71			.1	.0	.2	.3	.2	.5	.6	.2	.4	.1	.1					85	85		
70/ 69			.1	.1	.3	.4	.4	.8	.5	.7	.6	.2						114	114	3	
68/ 67		.0	.1	.1	.3	.6	.5	.5	.5	.9	.4	.0						109	109	12	
66/ 65		.0	.1	.1	.5	.5	.9	.7	.5	.8	.2							122	122	27	9
64/ 63			.2	.4	.4	.7	.6	.8	1.0	.5	.1							133	133	39	3
62/ 61		.1	.1	.4	.5	.6	.8	1.0	.9	.6	.0							137	137	67	9
60/ 59		.1	.3	.4	.9	.8	.9	1.0	.7	.1								145	145	92	22
58/ 57		.2	.3	.5	1.1	.8	.8	.8	.4	.1								143	143	122	39
56/ 55	.1	.2	.2	.4	1.0	.9	1.3	.9	.1									146	146	137	53
54/ 53	.1	.2	.4	.4	.5	1.3	1.0	.4	.1									125	125	148	61
52/ 51		.3	.7	.4	.7	1.0	.8	.2	.0									119	119	179	76
50/ 49	.1	.9	.6	.7	1.2	.9	.7	.1										143	143	211	63
48/ 47	.0	.6	.6	.8	1.2	.8	.6	.0										132	132	222	102
46/ 45	.1	.9	.4	1.3	1.3	.8	.4											144	144	193	141
44/ 43	.1	.7	.8	.7	.7	.8	.2											116	116	197	156
42/ 41	.1	.6	.6	.7	.6	.5	.0											90	90	200	127
40/ 39	.2	1.0	.8	.8	.7	.4												113	113	172	129
38/ 37	.1	.8	.4	.7	.6	.1												77	77	160	149
36/ 35	.1	.7	.4	.6	.2													66	66	117	175
34/ 33	.5	1.2	.8	.7	.2													98	98	123	183
32/ 31	.1	1.1	.8	.5	.1													74	74	111	184
30/ 29	.1	.5	.6	.3														44	44	103	180
28/ 27	.1	.4	.2	.0														19	19	67	153
26/ 25	.1	.1	.2	.2														15	15	43	179
24/ 23	.0	.2	.2	.1														16	16	17	127

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISES PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21		.2	.0															8	8	12	96
20/ 19	.1	.1	.1															7	7	18	71
18/ 17		.1	.0															3	3	3	107
16/ 15		.2																5	5	4	63
14/ 13		.1																4	4	8	44
12/ 11																				2	35
10/ 9																					26
8/ 7																					9
6/ 5																					22
4/ 3																					10
2/ 1																					4
0/ -1																					2
TOTAL	1.9	11.7	10.1	11.5	14.0	12.4	11.1	8.7	6.5	5.1	3.1	1.5	1.2	.5	.4	.2	.0	2809	2809	2809	2809

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.	8742333	144561	51.5	21.521	2808							
Dry Bulb	8678145	151051	53.8	14.066	2809		6.5	18.7	8.5	2.4	.0	93
Wet Bulb	5862422	125056	44.5	10.249	2809		12.8	.5				93
Dew Point	3636028	95126	33.9	12.151	2809	.1	43.4					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.0	1	1		
92/ 91														.2				2	2		
90/ 89												.0				.1		5	5		
88/ 87															.0	.1		4	4		
86/ 85												.1	.0	.1	.2	.3		19	19		
84/ 83									.0	.1	.2	.0	.3	.1	.2	.1	.0	29	29		
82/ 81								.1	.3	.2	.2	.3	.1	.3		.0		39	39		
80/ 79								.1	.1	.3	.2	.2	.2	.4				43	43		
78/ 77						.1	.2	.4	.4	.3	.2	.4	.2	.1				63	63		
76/ 75					.1	.2	.1	.5	.4	.1	.5	.3	.1	.0				64	64		
74/ 73	.0				.0	.1	.3	.3	.7	.5	.1	.4	.2	.0				76	76	1	1
72/ 71				.0	.1	.3	.4	.7	.5	.6	.7	.5	.1					102	102		
70/ 69			.0		.3	.2	.5	.9	.5	.9	.6	.4						121	121		
68/ 67	.0			.0	.3	.6	.6	.7	.7	.6	.6	.3						119	119	15	1
66/ 65		.1	.1	.1	.3	.4	.7	.7	.7	.7	.6							122	122	34	
64/ 63		.1	.0	.3	.2	.4	.6	.9	1.4	1.1	.3							147	147	42	8
62/ 61		.1	.1	.0	.3	.7	.9	.9	1.0	.5	.1							127	127	74	14
60/ 59	.0	.2	.2	.4	.5	1.2	.9	1.1	.9	.2	.1							158	158	88	18
58/ 57	.0	.2	.5	.4	.4	.9	1.1	1.1	.5	.2								146	146	142	34
56/ 55		.3	.4	.4	.4	.8	1.1	.8	.5									128	128	141	43
54/ 53	.1	.1	.2	.4	.9	1.2	.7	.3	.1									110	110	149	69
52/ 51		.5	.3	.6	1.0	1.1	1.0	.3	.0									134	134	181	61
50/ 49	.1	.8	1.0	.6	.7	.9	.8	.4										143	143	210	90
48/ 47	.1	.7	.6	1.0	.6	.7	.7	.0										124	124	234	97
46/ 45	.1	.8	.7	1.0	.9	.7	.4											128	128	251	122
44/ 43		.4	.4	.4	.6	1.0	.2											85	85	206	115
42/ 41	.1	.5	.5	.5	.5	.7	.2											86	86	181	140
40/ 39	.3	.8	.8	.6	.6	.4												96	96	145	163
38/ 37	.0	.5	.3	.5	.5	.1												55	55	133	130
36/ 35	.1	.9	.8	.6	.4													79	79	113	164
34/ 33	.4	1.0	.9	.4	.1													77	77	116	195
32/ 31	.2	.9	.3	.1	.1													47	47	107	186
30/ 29		.7	.3	.1	.0													29	29	94	170
28/ 27	.2	.1	.1	.1	.1													18	18	40	149

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 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STAT ME | 42-46,49-75 YEARS | MAR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25		.2	.1	.1														12	12	21	183
24/ 23	.0	.2		.0														7	7	14	119
22/ 21	.0	.1	.0	.1														7	7	11	115
20/ 19		.1	.1															6	6	5	84
18/ 17		.1																2	2	9	87
16/ 15		.1																3	3	3	71
14/ 13		.1																2	2	4	32
12/ 11		.0																1	1	2	30
10/ 9																					27
8/ 7																					20
6/ 5																					9
4/ 3		.0																1	1		7
2/ 1																				1	5
0/ -1																					2
-2/ -3																					2
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
-16/-17																					1
TOTAL	2.1	10.8	8.7	8.8	9.8	12.7	11.3	10.0	8.9	6.2	4.2	2.9	1.3	1.1	.4	.7	.1		2767		2767
																		2767		2767	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7811941	133447	48.2	22.304	2767							
Dry Bulb	9195063	154585	55.9	14.214	2767		4.5	23.1	11.6	4.2	.0	93
Wet Bulb	5997530	125856	45.5	9.935	2767		10.5	.5	.0			93
Dew Point	3548388	93232	33.7	12.130	2767	.3	43.8	.1	.0			93

USAFETAC FORM 0-26-5 (OL A) REVS O PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) MAR (MONTH)

 1800-2000 (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				
84/ 83										.0				.0	.0			3	3		
82/ 81									.0	.0		.1	.1	.1	.0			10	10		
80/ 79								.0	.0									2	2		
78/ 77							.1	.1	.1	.0	.1	.0	.2	.0				17	17		
76/ 75						.0	.1	.3	.3	.2	.3	.1	.1					31	31		
74/ 73					.1	.2	.1	.2	.2	.1	.1	.2						26	26		
72/ 71				.0	.0	.1	.4	.2	.4	.1	.2	.1						37	37		
70/ 69				.1	.2	.3	.5	.3	.3	.2	.2	.1						50	50		
68/ 67				.2	.2	.5	.5	.2	.5	.4	.1							61	61	1	
66/ 65		.1	.3	.5	.7	.6	.6	.8	.3	.6	.2							107	107	13	
64/ 63	.0	.1	.2	.3	.5	.5	.5	.4	.3	.3	.1							74	74	18	6
62/ 61		.1	.3	.2	.5	.5	.8	.6	.6	.0								92	92	40	5
60/ 59		.1	.5	.5	.5	.9	.7	.6	.6	.1								109	109	54	24
58/ 57		.5	.3	.8	.8	.8	1.1	.8	.3									125	125	81	20
56/ 55	.1	.4	.6	1.1	1.2	.9	1.0	.7	.3									146	146	101	29
54/ 53	.1	.2	.6	.7	1.1	1.3	1.2	.5	.0									133	133	94	70
52/ 51	.2	.6	.5	.3	.9	1.6	.6	.3										118	118	137	53
50/ 49		.9	.8	1.2	1.9	1.1	.9	.0										160	160	144	68
48/ 47	.4	.6	.8	1.2	1.2	1.2	.6	.1										140	140	157	98
46/ 45	.3	1.3	.9	1.6	1.1	.8	.2											144	144	169	97
44/ 43	.1	.9	1.8	.9	.7	.8	.1											121	121	203	92
42/ 41	.1	.9	1.2	1.2	.9	.6	.0											115	115	202	115
40/ 39	.2	.8	.9	.8	.7	.5												93	93	184	127
38/ 37	.3	.6	.8	.9	.6	.2	.0											79	79	148	143
36/ 35	.2	1.2	1.2	.7	.2													80	80	120	147
34/ 33	.3	1.2	.8	.8	.2	.0												77	77	106	182
32/ 31	.1	1.3	.7	.5	.1													63	63	114	149
30/ 29	.2	.7	.9	.3														52	52	81	152
28/ 27	.1	.4	.3	.1														19	19	68	143
26/ 25	.2	.2	.2	.1														18	18	42	132
24/ 23	.2	.1	.1	.0														11	11	23	101
22/ 21	.0	.1	.1	.1														9	9	8	85
20/ 19		.1	.0															3	3	11	74
18/ 17		.2																5	5	5	73

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | MAR 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
16/ 15	.0	.2																5	5	8	43
14/ 13		.0																1	1	3	19
12/ 11	.0	.1																3	3	2	34
10/ 9	.0	.1																3	3	3	18
8/ 7		.0																1	1	3	17
6/ 5																					6
4/ 3																					5
2/ 1																					6
0/ -1																					8
-2/ -3																					1
-10/-11																					1
TOTAL	3.2	13.8	14.9	15.2	14.5	13.3	10.0	6.1	4.2	2.2	1.2	.6	.4	.2	.1				2343		2343
																		2343		2343	

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.	8665330	133868	57.1	20.836	2343							
Dry Bulb	6300162	117836	50.3	12.635	2343		7.7	9.4	3.5	.5		93
Wet Bulb	4529640	100398	42.9	9.857	2343		14.7	.0				93
Dew Point	3015602	79324	33.9	11.871	2343	.4	42.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45, 49-75 YEARS | MAR 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
78/ 77											.1							2	2		
76/ 75								.1		.1								2	2		
74/ 73				.1	.1		.1											4	4		
72/ 71						.1	.2			.1								5	5		
70/ 69				.1	.2	.2	.2		.1	.1								14	14		
68/ 67			.1	.2	.2	.1	.2	.1	.2	.2								22	22	2	
66/ 65			.2	.4	.4	.2	.1	.1	.3	.2								34	34	1	
64/ 63			.7	.1	.4	.3	.4	.2	.3	.1								44	44	9	2
62/ 61		.2	.3	.5	.5	.2	.3	.2	.2									44	44	16	7
60/ 59		.1	.3	.6	.6	.3	.2	.1	.3									45	45	34	12
58/ 57		.4	.5	.5	.4	.5	.3	.2	.1									57	57	30	20
56/ 55		.6	.7	.8	1.0	1.0	.6	.1										92	92	43	23
54/ 53	.3	.4	.4	1.5	.7	.5	1.0	.1										91	91	52	34
52/ 51	.3	1.0	.9	1.5	.0	1.1	.8											121	121	70	57
50/ 49	.3	.8	1.1	1.3	1.3	1.0	.4	.1										116	116	85	40
48/ 47	.6	.7	1.1	1.2	1.6	.7	.1	.1										116	116	123	58
46/ 45	.5	1.2	1.3	1.7	1.4	.8												131	131	117	58
44/ 43	.4	1.5	1.8	1.4	1.6	.5	.1											140	140	113	90
42/ 41	.3	2.0	2.3	1.3	1.1		.1											133	133	157	83
40/ 39	.5	1.8	2.5	1.1	1.2	.1												134	134	186	116
38/ 37	.3	1.7	1.6	1.2	.7													105	105	158	113
36/ 35	.3	2.0	1.3	1.0	.3	.1												93	93	153	129
34/ 33	.7	1.6	1.6	.9														90	90	129	138
32/ 31	.5	1.2	.8	.8														64	64	99	141
30/ 29	.3	1.5	.7	.4														56	56	90	130
28/ 27	.4	1.1	1.4	.1														56	56	71	115
26/ 25		.8	.4															24	24	45	115
24/ 23	.2	.4	.3	.1														17	17	52	94
22/ 21	.2	.3	.1															10	10	17	87
20/ 19		.5	.1															10	10	15	57
18/ 17		.2	.1															5	5	5	43
16/ 15		.1																1	1	3	39
14/ 13		.1																1	1	3	31
12/ 11	.1	.3																6	6	3	20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (YEARS) MAR (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9	.1																	1	1	5	11
8/ 7		.3																5	5	3	9
6/ 5		.1																1	1	3	6
4/ 3																					3
2/ 1																					2
0/ -1																					3
-2/ -3																					2
-4/ -5																					4
TOTAL	6.1	22.6	22.6	18.9	14.4	7.5	4.9	1.0	1.3	.6	.1							1892	1892	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.	9136414	126492	66.9	18.958	1392							
Dry Bulb	4020364	84570	44.7	11.270	1892		12.6	2.4	.4			93
Wet Bulb	3165903	75187	39.7	9.703	1892		20.3	.1				93
Dew Point	2343210	62974	33.3	11.43	1892	.4	44.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-61,69,73-75 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.1			.1									2	2		
74/ 73				.4	.3	.2		.1										16	16		
72/ 71			.6	.3	.6	.2	.1	.1										28	28		
70/ 69		.1	.8	.6	.7	.6	.4											50	50	3	
68/ 67		.1	.5	.8	.7	.6	.2	.1										49	49	21	6
66/ 65		.4	1.6	1.1	.7	.3	.1	.2										70	70	28	12
64/ 63	.2	1.0	1.1	1.0	.1	.4	.1		.1									63	63	53	33
62/ 61	.1	1.1	.6	.7	.4	.3		.1										53	53	64	38
60/ 59	.9	2.8	1.3	.7	.5	1.0	.5	.2	.1	.1								131	131	105	79
58/ 57	.4	2.1	.9	.6	1.7	1.2	.4	.1	.1									119	119	93	82
56/ 55	.4	2.1	1.3	1.5	1.3	.9	.2	.1	.1									128	128	82	89
54/ 53	.6	1.9	1.3	1.1	1.4	.7	.4	.2										121	121	87	84
52/ 51	.2	2.0	1.5	.9	1.5	.6	.1											107	107	88	88
50/ 49	.4	1.4	1.6	1.4	1.8	.7	.1											119	119	126	67
48/ 47	.7	1.4	1.2	1.4	1.3	.4												102	102	128	73
46/ 45	.1	1.3	1.7	1.9	.8	.1												94	94	100	78
44/ 43	.4	2.1	2.2	.8	.3													93	93	132	97
42/ 41	.4	1.1	2.6	1.1	.2													87	87	124	98
40/ 39	.1	1.1	1.0	.7	.4													54	54	123	95
38/ 37	.3	1.9	1.0	.4														58	58	91	90
36/ 35		.6	.9	.2														26	26	67	102
34/ 33		.7	.1															13	13	34	110
32/ 31		.4	.2															10	10	31	88
30/ 29		.3																5	5	12	61
28/ 27		.1																2	2	6	41
26/ 25	.1	.2																5	5	.6	36
24/ 23		.1																1	1	1	26
22/ 21																				1	21
20/ 19		.1																1	1	1	.4
18/ 17																					5
16/ 15																					1
14/ 13																					3
TOTAL	5.3	26.3	23.9	17.5	14.9	8.2	2.4	1.1	.4	.1								1607	1607	1607	1607

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	8927494	116682	72.7	16.653	1605							
Dry Bulb	4621664	84744	52.7	9.753	1607		1.3	8.1	1.0			90
Wet Bulb	3864331	77383	48.2	9.272	1607		3.2	1.3				90
Dew Point	3245977	69961	43.5	11.165	1607		16.0	.3				90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 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
76/ 75						.0												1	1		
74/ 73			.0	.1			.0		.0									5	5		
72/ 71			.4	.3		.0												17	17		
70/ 69		.1	.7	.5		.1	.0											32	32	1	
68/ 67		.2	1.1	.5	.3	.1	.0	.0										51	51	19	1
66/ 65		.6	1.2	1.1	.1	.2	.1											69	69	31	17
64/ 63	.0	.7	1.1	.9	.4	.2	.2											75	75	45	39
62/ 61	.3	1.6	1.3	.8	.3	.2	.0	.0										94	94	70	56
60/ 59	.3	2.4	.9	.6	.2	.6	.1											103	103	100	61
58/ 57	.7	2.8	1.2	.8	.6	.6	.1	.1										143	143	109	90
56/ 55	.8	2.4	.9	.7	1.2	.7	.2											145	145	126	130
54/ 53	.5	2.3	1.1	1.8	1.0	.3	.2		.1									149	149	117	109
52/ 51	.4	2.2	1.6	1.5	1.0	.4	.3											150	150	100	89
50/ 49	.3	1.2	1.9	1.4	.9	.4	.1											128	129	121	91
48/ 47	.9	2.1	1.4	1.5	1.7	.4	.1											164	164	168	100
46/ 45	.3	1.0	1.9	1.5	.6	.2												118	118	140	83
44/ 43	.1	2.2	2.1	1.3	.7	.1												133	133	123	96
42/ 41	.5	1.7	2.2	1.0	.1													112	112	151	128
40/ 39	.3	1.5	2.4	.4	.2													98	98	139	131
38/ 37	.3	1.7	1.6	.4	.1													86	86	149	124
36/ 35	.2	1.5	1.3	.1	.0													65	65	109	121
34/ 33		.4	1.0	.3														36	36	73	147
32/ 31		.5	.7	.0														26	26	41	101
30/ 29		1.0	.3															26	26	35	93
28/ 27	.0	.3																7	7	36	71
26/ 25		.2																4	4	12	62
24/ 23		.1																3	3	4	37
22/ 21		.0																1	1	2	25
20/ 19		.0																1	1		10
18/ 17																				1	15
16/ 15																					12
14/ 13																					2
12/ 11																					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												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 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
TOTAL	6.2	30.7	28.2	17.8	10.0	4.8	1.9	.2	.1									2042	2043	2042	2042

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	12113681	153925	75.4	15.821	2042							
Dry Bulb	5400404	103088	50.5	9.864	2043		3.0	4.7	.3			90
Wet Bulb	4621956	95128	46.6	9.657	2042		5.8	.9				90
Dew Point	394625	86651	42.4	11.486	2042		18.9	.0				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75										.0								1	1		
74/ 73			.1	.2		.1		.0										9	9		
72/ 71			.2	.4	.2			.0		.0								21	21		
70/ 69			.7	.7	.0	.1	.1	.0	.0									44	44	3	
68/ 67		.5	1.3	.6	.4	.2	.1	.0	.0									78	78	16	.4
66/ 65	.0	1.0	1.7	.6	.3	.2	.2											101	101	52	25
64/ 63		1.0	2.0	.5	.7	.3	.4											123	123	76	42
62/ 61	.2	1.2	1.2	.6	.5	.6	.1	.2										116	116	104	85
60/ 59	.2	2.2	.8	.5	.9	.5	.2	.1										135	135	110	101
58/ 57	.3	1.8	1.5	.9	.8	.6	.2	.1										156	156	121	109
56/ 55	.7	2.4	1.0	1.0	1.0	.8	.2		.0									180	180	134	110
54/ 53	.4	1.5	1.6	2.2	1.6	.5	.1											196	198	146	104
52/ 51	.5	1.8	1.5	1.2	1.1	.5	.1	.1										173	173	158	122
50/ 49	.2	1.3	2.2	1.9	1.2	.4	.1											182	182	152	111
48/ 47	.5	1.6	1.6	2.0	1.3	.3	.0											186	186	208	121
46/ 45	.2	1.2	1.8	1.6	1.0	.0												142	142	178	131
44/ 43	.1	2.1	2.1	1.3	.8	.2												163	163	167	119
42/ 41	.0	1.3	2.2	1.5	.3	.0												134	134	193	157
40/ 39	.2	.9	2.3	.8	.2													109	109	170	165
38/ 37	.4	1.1	1.6	.6	.1													96	96	163	153
36/ 35	.0	1.2	.3	.4														49	49	132	154
34/ 33	.1	.6	.6	.2														38	38	87	146
32/ 31		.4	.4	.1														23	23	36	154
30/ 29		.4	.4															20	20	36	98
28/ 27	.1	.4	.1															15	15	29	72
26/ 25		.1																2	2	20	70
24/ 23		.1																3	3	2	51
22/ 21		.0																1	1	3	26
20/ 19		.0																1	1		14
18/ 17																				1	17
16/ 15																					11
14/ 13																					5
TOTAL	4.2	26.3	29.2	19.8	12.4	5.4	1.9	.6	.1	.1								2497	2499	2497	2497

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14107295	183591	73.5	15.618	2497							
Dry Bulb	6835290	128392	51.4	9.778	2499		2.3	5.5	.4			90
Wet Bulb	5769391	117631	47.1	9.556	2497		4.6	.7				90
Dew Point	4868328	106506	42.7	11.419	2497		18.7	.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.0	1	1		
90/ 89															.0			1	1		
88/ 87										.0						.0		2	2		
86/ 85											.0	.1		.0	.1			6	6		
84/ 83							.0	.0		.0		.1						6	6		
82/ 81				.0	.0		.1	.2	.1	.1		.0		.1				22	22		
80/ 79						.1	.2	.1	.3	.1	.1	.1	.1					31	31		
78/ 77					.1	.4	.6	.4	.1	.0	.1	.1	.1					52	52	1	
76/ 75				.1	.6	.8	.6	.4	.4	.2	.1	.1						88	88		1
74/ 73			.0	.6	1.2	.7	.6	.2	.3	.3	.1	.1	.1					115	115	1	
72/ 71		.0	.1	1.0	1.2	.5	.3	.4	.3	.3	.2							113	113	3	1
70/ 69		.2	.4	1.5	.7	.9	.4	.5	.6	.4	.1	.0						152	152	27	
68/ 67		.2	.7	1.1	.6	.9	.8	.9	.4	.3	.1	.1						162	162	81	15
66/ 65		.4	.9	.9	.9	1.0	1.2	.9	.2	.2	.1	.0						180	180	135	30
64/ 63		.3	.7	1.0	.9	.9	1.1	.6	.2	.2	.1							163	163	157	90
62/ 61	.1	.8	.7	.7	1.1	.9	1.1	.4	.3	.2								174	174	127	126
60/ 59	.1	1.2	.9	1.0	1.2	1.0	1.1	.7	.1									202	202	141	126
58/ 57	.3	.7	.8	1.0	1.0	1.4	.9	.4	.1									180	180	179	128
56/ 55	.3	.7	.8	1.3	1.1	1.3	.6	.3	.1									176	176	189	124
54/ 53	.2	.8	.7	1.0	1.3	1.0	.8	.1	.0									158	158	234	143
52/ 51	.0	.6	.5	1.1	1.2	1.0	.3	.1										132	132	207	97
50/ 49	.1	.9	.7	1.3	1.2	1.0	.3	.0										148	148	198	120
48/ 47	.3	.6	.7	.8	1.3	.6	.3											123	123	200	146
46/ 45	.1	.4	.8	.9	.9	.5	.0											99	99	185	169
44/ 43	.2	.6	.6	1.1	.3	.3	.0											85	85	158	154
42/ 41	.0	.4	.6	.4	.3	.1												47	47	144	162
40/ 39	.0	.4	.3	.2	.4													33	33	129	181
38/ 37	.3	.0	.1	.2	.1													19	19	99	161
36/ 35	.0	.3	.3	.2														21	21	43	137
34/ 33			.0	.1														3	3	25	105
32/ 31			.1															2	2	23	121
30/ 29				.0														1	1	8	96
28/ 27		.1	.0															3	3	2	69
26/ 25	.0		.0															2	2	.4	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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45, 49-75 YEARS | APR 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
.24/ .23																				2	46
.22/ 21																					28
.20/ .19																					31
18/ 17																					17
16/ 15																					9
14/ 13																					5
12/ 11																					1
8/ 7																					1
6/ 5																					1
TOTAL	2.3	9.5	11.4	17.6	17.5	15.2	11.4	6.8	3.4	2.4	1.1	.8	.2	.1	.1	.0	.0		2702		2702
																		2702		2702	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10622168	161372	59.7	19.092	2702							
Dry Bulb	9894858	161030	59.6	10.504	2702		.3	25.0	10.8	1.8	.0	90
Wet Bulb	7429912	139546	51.6	9.086	2702		1.3	3.8	.1			90
Dew Point	5661724	119436	44.2	11.897	2702		16.2	.6	.0			90

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.0	1	1		
98/ 97																	.1	2	2		
94/ 93																.1		3	3		
92/ 91													.1	.0		.1	.0	6	6		
90/ 89											.1	.2	.1	.1	.1	.1	.1	18	18		
88/ 87								.0	.1	.4	.1	.1	.2	.1		.0		28	28		
86/ 85							.1	.1	.4	.3	.5	.1	.1	.1	.0			47	47		
84/ 83						.0	.1	.3	.6	.5	.1	.4	.1	.2				65	65		
82/ 81						.1	.6	.6	.5	.3	.2	.4	.3	.2				88	88		
80/ 79					.0	.5	1.2	.6	.7	.3	.4	.2	.3	.1				118	118		
78/ 77				.0	.3	.7	.8	.9	.4	.4	.8	.5	.1	.1				140	140		
76/ 75				.1	.9	.9	.5	.7	.7	.7	.5	.4	.1	.1				153	153	1	
74/ 73			.1	.2	.8	.6	.8	.4	.4	.7	.6	.4	.2					136	136	3	
72/ 71			.1	.5	.6	.7	.6	.8	.6	1.1	.7	.4	.1					170	170	25	1
70/ 69			.2	.4	1.0	.8	.8	1.0	1.0	.7	.5	.2						180	180	87	3
68/ 67		.2	.3	.8	.8	.4	1.0	.8	1.1	.5	.2	.0						168	168	135	16
66/ 65	.0	.3	.6	.5	.6	1.0	1.0	.8	.9	.3	.1							172	172	178	56
64/ 63		.3	.4	.7	.6	1.0	1.0	1.0	.6	.1	.0							153	153	145	97
62/ 61	.1	.6	.3	.4	.9	.8	.6	1.3	.9	.1								162	162	169	112
60/ 59	.1	.4	.3	.6	.8	1.0	1.3	.6	.4	.0								149	149	196	123
58/ 57	.0	.7	.1	.8	1.0	.9	1.1	.8	.1	.0								149	149	188	142
56/ 55	.0	.7	.4	.7	.8	.5	1.1	.5	.1									130	130	213	153
54/ 53	.0	.1	.4	.5	.5	.8	1.0	.3										98	98	214	124
52/ 51	.1	.4	.4	.4	.7	.8	.5	.1										94	94	230	92
50/ 49	.1	.7	.7	.4	.7	.4	.2	.1										91	91	204	116
48/ 47	.2	.3	.4	.2	.3	.4	.3											58	58	199	160
46/ 45	.0	.3	.2	.6	.1	.3	.1											42	42	135	178
44/ 43	.1	.2	.5	.1	.1	.0												29	29	136	157
42/ 41		.4	.2	.1	.2	.0												26	26	88	149
40/ 39		.2	.1	.1	.0													10	10	78	136
38/ 37	.0	.3	.0	.0														11	11	37	163
36/ 35		.1			.0													5	5	26	152
34/ 33					.0													1	1	13	112
32/ 31				.0														1	1	1	116

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
AUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					88
28/ 27		.1															3	3	2		66
26/ 25																			4		49
24/ 23																					53
22/ 21																					30
20/ 19																					27
18/ 17																					18
16/ 15																					5
14/ 13																					7
12/ 11																					4
10/ 9																					1
6/ 5																					1
TOTAL	.9	6.4	5.7	8.2	11.8	12.7	14.4	12.0	9.6	6.7	4.9	3.2	1.8	1.0	.1	.3	.2	2707	2707	2707	2707

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.	7930591	136823	50.3	19.935	2707							
Dry Bulb	12045246	177926	65.7	11.381	2707		.1	44.0	26.8	10.5	.2	90
Wet Bulb	8231644	147388	54.4	8.742	2707		.2	8.3	.1			90
Dew Point	5787639	120843	44.6	12.053	2707		15.5	.7				90

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dr. Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																	.1	3	3		
98/ 95																	.1	2	2		
96/ 93														.1	.0	.0	.1	5	6		
94/ 91											.0		.0	.1		.1		9	9		
92/ 89										.0	.2	.1	.1	.3	.1	.0		27	27		
88/ 87									.1	.2	.2	.3	.1	1	.0	.0		30	30		
86/ 85								.1	.4	.6	.5	.3	.1	.1	.1			65	65		
84/ 83							.2	.4	.3	.5	.4	.6	.5	.4	.1			92	92		
82/ 81						.1	.7	.4	.4	.5	.3	.1	.3	.1	.0			83	83		
80/ 79					.1	.6	.8	.9	.8	.7	.7	.4	.6	.0				150	150		
78/ 77					.3	.6	.9	.9	.7	.7	.3	.5	.4	.0				146	146		
76/ 75				.1	.4	.7	1.0	.7	.3	.4	1.0	.7	.3	.2	.0			156	158		
74/ 73				.2	.6	.4	.8	.5	.8	.8	.7	.6	.2	.1				158	156	1	
72/ 71		.0	.3	.3	.6	.5	.8	1.0	1.2	1.1	.4	.3	.1	.0				179	179	29	
70/ 69		.0	.4	.6	.6	.7	.6	.8	.8	.7	.5	.2						159	159	96	2
68/ 67		.2	.3	.8	.9	.4	.8	1.2	1.0	1.0	.3	.0	.0					187	187	127	21
66/ 65	.1	.2	.4	.6	.6	.6	.6	1.1	1.0	.9	.1							160	160	172	55
64/ 63		.1	.4	.2	1.0	.5	.8	1.1	.9	.6	.0							159	159	170	83
62/ 61		.4	.4	.3	.4	1.0	.9	1.0	.7	.2								143	143	177	93
60/ 59	.1	.4	.3	.6	1.2	.9	1.0	.9	.4	.1								160	160	201	120
58/ 57	.0	.6	.4	.5	.5	.9	.5	.8	.3	.0								123	123	176	140
56/ 55	.2	.1	.6	.4	.3	.7	1.0	.5	.3									112	113	234	150
54/ 53	.0	.2	.5	.7	.3	.8	.6	.3	.1									94	94	227	122
52/ 51	.1	.4	.4	.4	.2	.6	.4	.1										70	70	219	121
50/ 49	.1	.5	.1	.3	.3	.2	.1											47	47	219	124
48/ 47	.1	.4	.1	.4	.1	.2	.1	.1										43	43	189	164
46/ 45		.4	.2	.4	.2	.1												38	38	123	143
44/ 43		.3	.3	.1	.1													24	24	102	135
42/ 41		.4	.2	.0	.1													19	19	94	161
40/ 39	.2	.1	.1	.0	.0													11	11	58	166
38/ 37	.2	.1	.0		.1													9	9	28	133
36/ 35		.2																5	5	19	138
34/ 33	.0	.0																2	2	9	117
32/ 31				.0														1	1		122

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 10-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29		.0	.0															2	2	3	104
28/ 27																				1	67
26/ 25																				2	49
24/ 23																					44
22/ 21																					30
20/ 19																					29
18/ 17																					18
16/ 15																					9
14/ 13																					6
12/ 11																					3
10/ 9																					3
8/ 7																					1
6/ 5																					3
TOTAL	1.0	5.3	5.4	7.1	9.2	10.7	12.8	13.0	10.6	9.2	5.9	4.2	2.8	1.8	.5	.3	.3		2677		2676
																		2676		2676	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7165077	127397	47.6	20.279	2676		.1	48.9	31.2	13.1	.4	90
Dry Bulb	12461607	180111	67.3	11.331	2677		.2	8.5	.0			90
Wet Bulb	8276788	147090	55.0	8.467	2676		16.4	.8				90
Dew Point	5631172	118610	44.3	12.135	2676							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 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
94/ 93																	.0	1	1		
92/ 91														.0				1	1		
90/ 89															.0			1	1		
88/ 87								.0					.1	.0				4	4		
86/ 85										.1	.1	.1		.0				7	7		
84/ 83							.0	.0	.2	.2		.0	.1	.1				15	15		
82/ 81					.0	.0		.2	.3	.3	.3	.1	.1					29	29		
80/ 79					.1	.3	.3	.5	.3	.3	.3	.1						49	49		
78/ 77				.1	.2	.6	.4	.5	.3	.3	.3	.2	.1	.0				69	69		
76/ 75				.0	.3	.7	.7	.8	.4	.4	.4	.2	.1					88	88		
74/ 73			.2	.7	.7	.9	.8	.6	.4	.3	.3		.0					111	111	2	
72/ 71			.1	.4	1.0	.8	.7	.5	1.0	.5	.3	.1		.0				125	125	6	
70/ 69			.3	1.0	1.1	.8	.6	.5	.8	.2	.3		.2					131	132	28	3
68/ 67		.3	.7	1.0	.9	.5	1.1	1.0	1.0	.3	.1	.0						156	156	69	12
66/ 65		.5	.6	.9	1.2	1.3	.8	1.2	.7	.3	.2							173	174	89	36
64/ 63	.0	.4	.9	.6	.8	1.1	.9	1.1	.5	.4								152	152	138	51
62/ 61	.0	.8	1.0	1.0	.9	1.1	1.0	.8	.7	.2								171	171	157	78
60/ 59	.2	.6	.7	.8	1.2	1.8	1.0	.8	.5									170	170	162	101
58/ 57	.2	.8	.8	.8	1.0	1.0	1.2	.4	.3									149	149	152	124
56/ 55	.2	.6	.9	.8	.6	1.1	1.0	.3										125	125	198	142
54/ 53		.4	.6	.7	.8	1.5	.6	.2										111	111	169	116
52/ 51	.1	.6	.8	.7	.7	.6	.4	.1										89	89	190	103
50/ 49	.0	1.0	.5	.8	1.2	.6	.4											102	102	186	126
48/ 47	.0	.6	.4	.8	.7	.3	.2											69	69	164	133
46/ 45	.0	.4	.4	1.1	.6	.3												63	63	153	125
44/ 43	.1	.5	.2	.4	.3	.0												35	35	114	138
42/ 41		.3	.2	.1	.1													18	18	114	131
40/ 39	.1	.4	.2	.1														16	16	67	140
38/ 37	.1	.1	.2	.1	.0													15	15	54	108
36/ 35	.0	.2	.2	.0														10	10	24	109
34/ 33		.1		.0														3	3	11	115
32/ 31		.0																1	1	8	101
30/ 29			.1															2	2	3	78
28/ 27			.1															2	2	1	47

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Pct. 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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 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																				4	42
24/ 23																					41
22/ 21																					21
20/ 19																					12
18/ 17																					16
16/ 15																					6
14/ 13																					5
12/ 11																					1
67/ 5																					1
0/ -1																					1
TOTAL	1.3	8.6	10.1	12.9	14.4	15.3	12.2	9.7	7.3	3.7	2.6	.8	.7	.3	.0		.0	2263	2265	2263	2263

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8031418	127242	56.2	19.690	2263							
Dry Bulb	8961751	140539	62.0	10.330	2265		.2	31.3	14.9	3.4	.0	90
Wet Bulb	6491326	119662	52.9	8.512	2263		.6	4.2	.1			90
Dew Point	4804244	100926	44.6	11.576	2263	.0	14.8	.6				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-75 YEARS | APR MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17	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	.1	.1		.1								8	8		
76/ 75				.2	.3	.3	.2	.1	.1	.1	.1							25	25		
74/ 73			.1	.3	.5	.4	.2	.3	.2									35	35		
72/ 71			.6	.3	.7	.5	.6	.3		.1	.1							37	57	1	
70/ 69		.1	.4	1.0	.8	.8	.6	.2	.2	.1	.1							77	77	10	
68/ 67		.3	.8	.7	1.1	.5	.4	.1	.3	.1		.1						77	77	33	9
66/ 65		.6	1.9	.9	.5	.7	.3	.1	.1	.1		.1						95	95	50	22
64/ 63	.2	.7	.7	1.0	.8	1.1	1.0	.4	.2									109	109	71	37
62/ 61		1.0	1.3	.8	.8	1.1	1.0	.2										116	116	87	65
60/ 59	.7	1.3	1.5	.8	1.1	1.6	.9	.5	.2	.1								158	158	120	82
58/ 57	.5	1.4	1.6	.9	1.1	1.4	.6	.2	.2									145	145	116	81
56/ 55	.5	1.8	1.1	1.4	2.0	1.2	.8	.2										167	167	114	97
54/ 53		1.0	1.4	1.1	1.1	1.4	.4	.1										119	119	126	116
52/ 51	.1	1.3	1.3	.7	.9	1.3	.3											108	108	125	96
50/ 49	.2	.8	.8	1.8	1.1	.7	.2											104	104	169	81
48/ 47	.4	1.3	1.0	1.3	1.1	.1	.2											99	99	147	95
46/ 45	.2	.9	1.1	1.6	.5	.3	.1											91	91	118	106
44/ 43	.1	.9		1.4	.6	.2												82	82	135	107
42/ 41	.2	.9	1.1	.5	.5	.1												63	63	124	119
40/ 39	.1	.5	.7	.6	.2													38	38	100	101
38/ 37	.2	.6	.2	.2	.1													22	22	75	117
36/ 35	.2	.2	.3	.1														12	12	55	117
34/ 33	.1	.3	.1															8	8	24	88
32/ 31		.4	.2															11	11	20	94
30/ 29		.1																2	2	6	63
28/ 27		.1	.2															5	5	4	44
26/ 25		.1																1	1	4	29
24/ 23																				2	29
22/ 21																					14
20/ 19																					10
18/ 17																					10
16/ 15																					3
14/ 13																					2

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45,49-7 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					1
10/ 9																					1
TOTAL	3.5	16.6	19.6	17.8	15.9	14.0	7.8	2.6	1.4	.4	.2	.1					1836	1836	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.	8773054	122566	66.8	17.945	1836							
Dry Bulb	5934855	102849	56.0	9.723	1836		.9	13.8	3.4	.0		90
Wet Bulb	4734370	91776	50.0	8.943	1836		1.8	2.2				90
Dew Point	3512397	81095	44.2	11.207	1836		14.7	.4				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 • USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-63,65,67-75 YEARS | MAY MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81								.2										3	3		
80/ 79				.1	.1	.1	.3											9	9		
78/ 77				.3	.3	.6		.1	.1									23	23		
76/ 75	.1		.3	1.0	1.1	.5	.2	.1	.1									55	55	1	1
74/ 73		.2	2.1	1.7	.7	.2	.5	.1	.2									93	93	1	
72/ 71		.4	1.3	1.8	.5	.1	.2		.1	.1								73	73	26	7
70/ 69	.1	.9	1.4	.8	.7	.9	.1		.1	.1								83	83	76	25
68/ 67	.1	1.3	2.2	1.5	1.9	.4	.2	.3	.1									132	132	106	76
66/ 65	.4	3.0	3.7	1.7	1.0	.5	.1	.1										173	173	105	77
64/ 63	1.5	3.8	2.6	1.3	1.0	.2	.1											173	173	150	149
62/ 61	.9	4.0	2.1	1.5	.7	.2												155	155	195	171
60/ 59	1.0	3.7	2.2	1.9	.4	.3	.1											157	157	195	130
58/ 57	.8	2.7	1.8	2.4	.4	.1												131	131	153	160
56/ 55	.2	2.3	2.0	1.3	.6	.1	.1											106	106	130	148
54/ 53	.1	1.6	2.3	.6	.3	.2												84	84	121	130
52/ 51	.2	1.2	1.3	.8	.4	.2												66	66	112	100
50/ 49	.1	.7	1.1	.5	.1													41	41	83	114
48/ 47		.4	.6	.9	.1													31	31	60	89
46/ 45		.4	.4		.1													13	13	37	57
44/ 43		.5	.4	.1														16	16	40	54
42/ 41		.3	.2	.1														10	10	19	47
40/ 39	.1	.3	.1															9	9	17	33
38/ 37	.1		.1															3	3	8	30
36/ 35			.1															1	1	3	21
34/ 33		.1																1	1	1	6
32/ 31																				2	8
30/ 29																					6
28/ 27																					1
26/ 25																					1
TOTAL	5.4	27.7	28.5	20.0	10.4	4.5	1.8	.9	.7	.2									1641		1641
																		1641		1641	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	10502066	129432	78.9	13.312	1641
Dry Bulb	6429014	101876	62.1	7.978	1641
Wet Bulb	5598800	95074	57.9	7.430	1641
Dew Point	5089815	90329	55.0	8.470	1641

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			26.7	10.4	.6		93
Wet Bulb		.1	11..	.1			93
Dew Point		.9	6..	.1			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY 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
80/ 79								.1										2	2		
78/ 77				.0	.1	.1												7	7		
76/ 75			.2	.2	.3	.0												17	17		
74/ 73		.1	.6	.5	.5		.1	.0										38	38		
72/ 71		1.0	2.0	1.2	.7	.2	.0	.0	.0									107	107	82	2
70/ 69		1.3	2.0	1.2	.7	.6	.0	.0	.1									122	122	59	24
68/ 67	.2	1.1	1.9	1.0	.7	.3	.0	.2										113	113	94	71
66/ 65	.5	2.8	3.1	.9	.5	.4	.0			.0								172	172	121	80
64/ 63	.9	4.0	3.5	1.5	.6	.1	.1	.0										221	221	168	136
62/ 61	2.0	3.3	1.9	1.6	.4	.1	.0	.0										194	194	224	197
60/ 59	1.8	3.9	2.8	1.0	.4	.2	.1											210	210	235	210
58/ 57	1.1	3.4	2.0	1.0	.2	.1	.1											162	162	180	194
56/ 55	.5	3.0	3.4	1.6	.2	.0												180	180	191	174
54/ 53	.2	2.3	2.7	1.0	.3	.0												135	135	140	138
52/ 51	.4	1.9	1.5	.5	.2	.0												95	95	163	142
50/ 49	.2	1.7	1.8	.8	.1													94	94	135	135
48/ 47	.1	1.0	1.6	.2	.0													60	60	86	139
46/ 45	.0	.8	.9	.4														44	44	76	89
44/ 43		.7	.5	.0														26	26	67	76
42/ 41		.4	.4	.0	.0													18	18	40	86
40/ 39	.1	.4	.3		.0													20	20	22	50
38/ 37	.1	.4	.1															12	12	25	36
36/ 35		.2																5	5	11	39
34/ 33		.0																1	1	4	19
32/ 31		.1																2	2	3	10
30/ 29																				1	7
28/ 27																					1
24/ 23																					1
22/ 21																					1
TOTAL	8.2	33.8	33.3	14.7	6.2	2.4	.7	.5	.1	.0									2057		2057
																		2057		2057	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14151239	168897	82.1	11.942	2057							
Dry Bulb	7436860	122578	59.6	8.023	2057		.1	18.4	2.9	.1		93
Wet Bulb	6640004	115778	56.3	7.749	2057		.2	7.5				93
Dew Point	6117646	110762	53.8	8.641	2057		.9	4.4				93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42,44-46,49-75 (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
82/ 81					.1		.1											4	4		
80/ 79					.2	.2	.1			.0								14	14		
78/ 77				.3	.4	.3	.2	.0										29	29		
76/ 75		.0	.2	.8	.7	.5	.2	.1	.0									67	67		
74/ 73		.1	.8	.9	.9	.6	.3	.1	.1									97	97	4	1
72/ 71	.0	.6	1.9	1.3	.9	.6	.4	.0										146	146	30	5
70/ 69		.8	2.3	1.7	1.0	.8	.2	.2										176	176	87	35
68/ 67	.2	1.5	2.4	2.0	1.3	.6	.3	.1	.0									214	214	141	88
66/ 65	.3	2.4	2.3	1.7	.8	.6	.2	.1										211	211	202	142
64/ 63	.7	3.0	3.2	1.5	.9	.4	.4	.0										255	255	213	172
62/ 61	.9	3.8	1.6	1.7	.9	.4	.2	.0										240	240	288	219
60/ 59	1.0	3.2	1.9	1.3	.7	.5												219	219	279	252
58/ 57	.6	2.1	1.8	2.0	.6	.5	.1											193	193	220	249
56/ 55	.3	2.0	2.5	1.2	.7	.2												174	174	188	201
54/ 53	.4	1.7	2.2	1.3	.4	.1												156	156	191	174
52/ 51	.2	1.0	1.6	1.0	.2													101	101	202	174
50/ 49	.0	.9	1.3	.7	.2													78	78	130	164
48/ 47	.0	.6	1.0	.5	.1													56	56	117	139
46/ 45	.1	.4	.7	.5		.1												45	45	90	133
44/ 43		.3	.4	.1														18	19	58	103
42/ 41		.4	.3	.1	.0													20	20	39	81
40/ 39		.4	.1	.1														16	16	26	81
38/ 37		.1	.0	.1														3	5	17	40
36/ 35		.1	.0															3	3	9	43
34/ 33																				5	17
32/ 31	.0																	1	1	2	13
30/ 29																					5
28/ 27																					3
26/ 25																					2
20/ 19																					1
18/ 17																					1
TOTAL	4.8	25.4	28.6	20.8	10.8	6.2	2.6	.6	.2	.0									2539		2538
																		2538		2538	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	15724801	196943	77.6	13.206	2338
Dry Bulb	9792046	156306	61.6	9.173	2539
Wet Bulb	8466836	145294	57.2	7.667	2538
Dew Point	7630856	137390	54.1	8.733	2538

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	93 F	Total
Dry Bulb		.0	27.4	7.7	.3		93
Wet Bulb		.1	9.6	.1			93
Dew Point		.9	4.7	.0			93

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USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY 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
94/ 93									.0			.0						2	2		
92/ 91											.0		.0			.0		3	3		
90/ 89										.1	.0			.1				7	7		
88/ 87						.0	.0	.2	.2	.0	.1	.1	.0	.1	.0			22	22		
86/ 85						.2	.4	.5	.3	.3	.1	.0	.0	.0				50	50		
84/ 83					.1	.3	1.0	.4	.6	.4	.3	.1	.0					90	90		
82/ 81				.0	.5	.8	1.2	1.3	.7	.3	.1	.2		.0				140	140		
80/ 79			.0	.3	.7	1.6	1.3	.9	.7	.5	.1	.1						171	171		
78/ 77	.0		.0	.5	1.5	1.4	1.7	1.0	.6	.3	.1	.0						196	196	3	1
76/ 75			.3	.9	1.8	1.5	1.1	.9	.3	.5	.2							204	204	23	1
74/ 73		.0	.4	1.4	2.1	1.6	1.2	.8	.4	.1	.1	.1						225	225	61	6
72/ 71	.1	.1	.9	2.2	1.4	1.0	1.4	.8	.6	.2	.1							233	233	132	25
70/ 69	.1	.2	1.5	1.5	1.3	1.0	1.0	.8	.3	.2	.1							214	214	208	69
68/ 67	.1	.3	1.4	1.1	1.1	1.0	1.0	.7	.3	.1	.0	.0						196	196	264	120
66/ 65	.2	.6	1.7	1.4	.8	1.5	.7	.6	.2			.0						211	211	306	195
64/ 63	.2	.9	1.1	1.1	.9	.8	.7	.3	.1									165	165	279	245
62/ 61	.3	.8	.7	.8	1.3	.7	.7	.2	.0									151	152	265	287
60/ 59	.2	.6	.6	.9	.5	.6	.4	.0		.0								103	103	215	224
58/ 57		.8	.8	.6	.5	.6	.1											91	91	199	196
56/ 55	.1	.5	.7	.4	.6	.5	.1											82	82	196	175
54/ 53	.1	.5	.4	.5	.5	.0												56	56	165	194
52/ 51	.1	.1	.1	.7	.2	.1	.1	.0										37	37	128	167
50/ 49		.4	.4	.3	.2		.0											33	33	91	134
48/ 47		.2	.2	.3	.0	.0	.0											21	21	75	143
46/ 45			.1		.0													3	3	52	109
44/ 43		.1	.0	.0	.0													7	7	26	96
42/ 41		.1																4	4	16	93
40/ 39																				8	82
38/ 37																				4	69
36/ 35																				1	31
34/ 33																					25
32/ 31																					9
30/ 29																					8
28/ 27																					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	≥ 95 F	Total
Ref Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-44-46,49-75 YEARS | MAY 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																					1
22/ 21																					2
20/ 19																					3
18/ 17																					3
16/ 15																					1
TOTAL	1.5	6.3	11.2	14.9	16.1	15.3	14.2	9.6	5.3	3.0	1.4	.7	.1	.2	.0	.0			2718		2717
																		2717		2717	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11147103	168103	61.9	16.578	2717							
Dry Bulb	13419322	189394	69.7	9.041	2718			60.0	38.0	13.8	.1	93
Wet Bulb	10225359	165441	60.9	7.468	2717			23.7	3.0			93
Dew Point	8468006	149490	55.0	9.459	2717		1.0	7.6	.3			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 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
100/ 99												.0			.1	.0		4	4		
98/ 97											.0						.1	5	5		
96/ 93										.1		.1	.1			.0	.1	10	10		
94/ 93								.0	.0	.1	.0	.3	.2	.1		.1		23	23		
92/ 91								.1	.1	.6	.6	.4	.2	.1	.1	.1	.0	60	60		
90/ 89							.1	.3	.6	.8	.5	.5	.5	.1	.0	.0		93	93		
88/ 87						.0	.2	1.1	1.3	.9	.7	.5	.4		.1	.1		145	145		
86/ 85					.1	.2	.7	1.3	1.5	1.4	.6	.6	.2	.1		.0		177	177		
84/ 83					.2	.4	1.4	1.5	1.1	.8	.4	.4	.3	.1	.1			181	181		
82/ 81		.1	.1	.1	.3	1.0	1.4	1.4	1.0	.7	.5	.6	.1		.0			200	200		
80/ 79			.0	.1	.6	1.0	1.9	1.0	1.0	.9	.5	.4	.0	.0				201	201	4	1
78/ 77	.0			.1	1.0	1.3	1.8	.8	1.1	.7	.7	.3						209	210	19	4
76/ 75			.1	.4	1.7	1.4	1.2	1.0	.6	.8	.4	.1						209	209	47	1
74/ 73	.0		.2	.9	1.2	1.0	.9	.7	.8	.6	.3	.2		.0				185	185	131	15
72/ 71			.4	1.0	1.0	.8	.7	.6	1.0	.6	.1							169	170	204	39
70/ 69		.2	.6	1.2	.9	.7	.9	1.0	.6	.4	.1							177	178	275	61
68/ 67		.2	.6	.5	.8	.8	1.0	.7	.5	.3								147	147	322	137
66/ 65	.0	.7	.6	.6	.6	.6	.9	.6	.3	.0								132	132	284	180
64/ 63	.1	.7	.3	.6	.5	.7	.4	.3	.2									105	105	256	271
62/ 61	.1	.4	.3	.3	.4	.4	.2	.1	.1									68	68	252	281
60/ 59	.1	.3	.1	.2	.3	.7	.2	.1	.0									56	56	177	227
58/ 57		.4	.1	.2	.4	.4	.3		.0									51	51	182	194
56/ 55	.0	.2	.3	.4	.2	.2		.1										37	37	174	181
54/ 53		.3	.1	.3	.2	.1		.0										30	30	113	143
52/ 51		.1	.0	.2		.0												12	12	95	137
50/ 49		.1	.1	.2	.0	.0												14	14	82	133
48/ 47		.1	.1	.0														8	8	47	107
46/ 45		.0	.1															3	3	28	136
44/ 43		.1																4	4	12	112
42/ 41		.1																2	2	10	95
40/ 39																				3	89
38/ 37																					64
36/ 35																					33
34/ 33																					28

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITION IF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dr. Bulb	Wet Bulb	Dew Point
32/ 31																					23
30/ 29																					10
28/ 27																					6
26/ 25																					2
24/ 23																					3
22/ 21																					3
20/ 19																					1
TOTAL	.4	4.1	4.3	7.4	10.4	11.8	14.2	12.7	11.8	9.6	5.5	4.2	2.0	.6	.4	.5	.3		2720		2717
																		2717		2717	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	< 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8254498	142292	52.4	17.190	2717							
Dry Bulb	15655882	204616	75.2	9.841	2720			75.2	58.2	34.1	1.4	93
Wet Bulb	10912948	171024	62.9	7.374	2717			34.3	6.9			93
Dew Point	8507342	149640	55.1	9.894	2717		1.6	8.8	.7			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																.0		1	1		
102/101															.0			1	1		
100/ 99															.0	.1	.0	4	4		
98/ 97										.0	.0	.0		.0		.1	.2	12	12		
96/ 95										.0	.0	.1	.1	.1			.1	14	14		
94/ 93									.0	.2	.2	.4	.2	.2	.0	.0	.1	39	39		
92/ 91								.1	.3	.9	.7	.6	.3	.3	.2	.1	.3	101	101		
90/ 89						.1	.1	.4	.7	1.2	.6	.8	.4	.2	.1	.1		126	126		
88/ 87						.0	.0	.8	1.0	.7	1.2	.9	.3	.3	.0	.1		148	148		
86/ 85				.0		.1	.9	1.1	1.5	1.0	.9	.6	.4	.3		.1		186	186		
84/ 83			.0		.2	.6	1.2	1.5	1.5	1.0	.3	.6	.4	.1				196	196		
82/ 81			.0	.0	.2	.4	1.0	1.0	1.3	1.0	.8	.4	.1					167	167		
80/ 79				.2	.4	1.2	1.8	1.3	1.2	.9	.9	.4	.3	.0				231	231	6	1
78/ 77				.4	1.0	1.3	1.6	.8	.5	.7	.8	.5	.0					210	210	14	3
76/ 75			.0	.4	1.0	1.3	.9	1.0	.9	.8	.6	.1						193	193	52	1
74/ 73			.1	.6	.9	.9	.9	.6	.9	.6	.4	.1						161	161	145	11
72/ 71		.0	.5	1.0	.7	.9	.7	1.0	.6	1.0	.2							176	176	192	23
70/ 69		.2	.6	1.0	.5	.7	1.0	.9	.4	.4	.1							158	158	277	79
68/ 67	.0	.4	.9	.6	.5	.6	.7	.6	.6	.1	.1							139	139	338	132
66/ 65	.1	.6	.6	.5	.5	.6	.7	.9	.3									123	123	296	193
64/ 63		.4	.4	.3	.4	.4	.5	.3	.2	.0	.0							80	80	256	254
62/ 61	.3	.5	.1	.1	.1	.2	.4	.3	.1	.0								57	57	249	258
60/ 59	.1	.4	.3	.1	.1	.5	.1	.1	.0									50	50	184	225
58/ 57		.2	.2	.2	.1	.2	.1	.1										33	33	205	178
56/ 55			.6	.4	.1	.1												30	30	144	196
54/ 53		.1	.1	.1	.1	.0												10	10	109	148
52/ 51		.2	.1	.3	.0													16	16	63	151
50/ 49		.1	.0	.0														4	4	63	113
48/ 47		.0	.0	.1														4	4	21	148
46/ 45		.1																3	3	29	89
44/ 43		.2																6	6	9	90
42/ 41																				7	112
40/ 39																					106
38/ 37																					51

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																					46
34/ 33																					27
32/ 31																					12
30/ 29																					13
28/ 27																					5
26/ 25																					5
24/ 23																					6
20/ 19																					1
18/ 17																					2
TOTAL	.5	3.7	4.6	6.5	6.9	10.1	12.7	12.9	11.7	10.8	7.9	5.6	2.5	1.6	.5	.6	.8		2679		2679
																		2679		2679	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7588596	134196	50.1	17.942	2677							
Dry Bulb	16012923	205469	76.7	9.744	2679			78.6	62.1	38.6	2.5	93
Wet Bulb	10904853	169883	63.4	7.023	2679			35.5	7.5	.1		93
Dew Point	8349755	147181	54.9	9.925	2679		1.5	8.7	.6			93

USAFETAC FORM 0 20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99														.0				1	1		
96/ 95													.0				.0	2	2		
94/ 93											.0	.1						4	4		
92/ 91								.0	.0	.0	.1	.0			.0	.1	.1	11	11		
90/ 89						.0	.0	.1	.4	.2	.1	.0	.1		.0	.0		25	25		
88/ 87						.0	.2	.2	.4	.3	.1	.1	.0	.1	.1	.0		37	37		
86/ 85				.0		.2	.7	.7	.7	.3	.4	.2	.1	.1	.0	.1		82	82		
84/ 83					.0	.6	.6	1.1	.7	.5	.2	.3	.2	.0				97	97		
82/ 81				.0	.6	.8	1.4	1.4	.6	.6	.3	.0	.1	.1				139	139		
80/ 79		.0		.3	.7	1.2	1.5	1.0	.5	.3	.3	.1	.1					137	137	2	
78/ 77		.0	.1	.7	1.2	1.3	1.2	1.6	.5	.6	.3	.2						176	176	5	.2
76/ 75		.0	.4	1.0	1.8	1.7	1.4	1.0	.6	.3	.4	.0						200	200	24	1
74/ 73			.5	.9	1.8	1.6	1.1	.9	.4	.5	.0							179	179	79	6
72/ 71		.2	.9	1.7	1.2	1.3	1.0	.8	.4	.4	.0	.0						184	184	126	39
70/ 69		.1	1.4	1.7	1.2	1.1	1.3	.7	.4	.3	.1		.0					195	195	184	59
68/ 67	.0	.8	1.7	.9	1.2	1.1	1.2	.6	.3	.1	.0							184	184	235	105
66/ 65	.2	1.1	1.3	1.1	1.4	1.3	.7	.5	.3	.1								184	184	272	187
64/ 63	.2	.8	1.0	.7	1.1	.9	.6	.2										125	125	261	210
62/ 61	.3	.7	.4	.5	.8	.4	.6	.1	.0	.0								91	91	216	229
60/ 59	.3	.6	.5	.3	.5	.5	.5	.0	.0									76	76	207	188
58/ 57	.3	.8	.6	.4	.5	.2	.1	.0										70	70	173	204
56/ 55	.1	.1	.7	.4	.3	.3	.0											43	43	183	173
54/ 53		.2	.2	.2	.2	.1		.0										23	23	97	123
52/ 51		.2	.0	.2	.1	.0												13	13	103	131
50/ 49			.0	.1	.0													4	4	51	141
48/ 47		.2	.1	.1														8	8	31	109
46/ 45		.1	.1	.1														7	7	29	76
44/ 43		.3		.0														7	7	14	69
42/ 41		.1																2	2	10	76
40/ 39																				3	50
38/ 37																				1	55
36/ 35																					21
34/ 33																					30
32/ 31																					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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					3
28/ 27																					3
26/ 25																					3
20/ 19																					1
18/ 17																					1
16/ 15																					2
TOTAL	1.4	6.3	9.8	11.4	14.7	15.0	14.2	10.9	6.3	4.6	2.5	1.2	.8	.4	.2	.3	.1	2306	2306	2306	2306

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.	8967391	137837	59.8	17.737	2305							
Dry Bulb	12024092	165246	71.7	8.903	2306			66.7	44.0	18.7	.3	93
Wet Bulb	9972942	142936	62.0	7.006	2306			26.4	4.4	.0		93
Dew Point	7344998	128336	55.7	9.378	2306		.9	8.5	.4			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42,44-46,49-75 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	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								2	2		
84/ 83				.1				.2	.1		.1							9	9		
82/ 81				.1	.1	.3	.4	.2	.1									19	19		
80/ 79				.3	.7	1.0	.5	.1	.1	.1	.2	.1	.1					60	60		
78/ 77			.2	1.0	1.6	.8	.4	.5	.1	.1	.1							86	86	2	
76/ 75		.1	.5	1.5	1.3	.8	.6	.5	.1	.2	.2							107	107	2	2
74/ 73		.2	.7	1.9	1.0	.7	.7	.2		.3	.1							109	109	18	3
72/ 71		.6	.9	1.1	.9	1.3	.4	.1	.1	.2								108	108	65	7
70/ 69	.1	.5	2.4	1.6	1.8	1.6	.4	.1	.1									162	162	133	64
68/ 67	.1	1.8	2.9	1.7	1.6	.8	.4	.2	.1	.1								184	184	105	84
66/ 65	.2	3.0	2.0	2.0	1.2	.9	.6	.3										194	194	168	125
64/ 63	.8	2.6	2.5	2.5	1.9	.7	.2	.1										216	216	227	168
62/ 61	.9	2.3	1.3	1.6	1.4	.9	.1											158	158	216	197
60/ 59	.5	1.4	1.7	1.9	.9	.8	.1											140	140	212	157
58/ 57	.4	1.3	1.3	1.4	.7	.6	.1	.1										112	112	149	187
56/ 55	.3	.7	1.1	1.0	.5	.1	.2											75	75	168	162
54/ 53		.8	.9	1.1	.6	.1												66	66	124	135
52/ 51	.1	.4	.7	.4	.4													38	38	107	112
50/ 49		.2	.1	.3	.4													18	18	69	124
48/ 47		.2	.4	.3	.1													17	17	57	75
46/ 45		.2	.2															7	7	23	71
44/ 43		.5	.1	.2														15	15	34	61
42/ 41		.3	.1	.1														7	7	18	64
40/ 39			.1															1	1	9	35
38/ 37			.1															1	1	3	41
36/ 35																				1	14
34/ 33																				1	8
32/ 31																					9
30/ 29																					3
28/ 27																					2
26/ 25																					1
TOTAL	3.3	16.9	19.8	22.0	17.0	11.5	4.8	2.5	.6	.8	.5	.1	.1						1911		1911
																		1911		1911	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10441462	138266	72.4	15.135	1911							
Dry Bulb	8302940	125030	65.4	8.014	1911			41.2	19.1	2.8		93
Wet Bulb	6894078	113954	59.6	7.157	1911			15.8	1.1			93
Dew Point	6069008	106418	55.7	8.650	1911		.7	7.8	.2			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (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	22 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89											.2							3	3		
88/ 87										.1	.1							3	3		
86/ 85							.2	.2	.1	.3	.1	.1						18	18		
84/ 83						.1	.7	.7	.2	.1	.1							33	33		
82/ 81				.1	.2	1.0	1.2	1.1	.1									62	62		
80/ 79		.1	.2	.7	2.0	1.7	1.0	.3	.1	.1								107	107		
78/ 77		.1	1.3	3.0	2.2	2.1	.3	.3	.3	.1								170	170	2	
76/ 75		.7	4.3	3.3	2.1	.9	.6	.1										210	210	13	4
74/ 73	.1	1.7	3.9	3.1	1.6	.5	.3	.1										197	200	86	32
72/ 71	.2	2.2	4.7	2.2	.9	.6	.2											191	192	251	81
70/ 69	.4	3.3	3.9	1.4	1.1	.2	.1											180	180	304	194
68/ 67	.9	3.3	3.3	.7	.6	.1	.1											155	155	326	294
66/ 65	.7	2.6	1.9	.7	.8	.2												122	122	205	270
64/ 63	.6	2.9	1.4	1.1	.3	.1												112	113	175	227
62/ 61	.1	1.2	1.1	.5	.4	.2												61	61	124	213
60/ 59	.1	.2	1.2	.7	.1													39	39	65	90
58/ 57		.5	1.0	.3	.1													33	33	55	85
56/ 55	.1	.4	.5	.1	.1													20	20	54	61
54/ 53		.2	.6	.1														16	16	38	66
52/ 51		.1	.1	.1														3	3	20	46
50/ 49		.1																2	2	14	35
48/ 47	.1																	1	1	7	20
46/ 45																					15
44/ 43																					4
42/ 41																					2
TOTAL	3.1	19.7	29.1	18.3	12.4	7.8	4.8	2.9	.7	.6	.4	.1							1743		1739
																		1738		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.	10665488	134154	77.2	13.366	1738							
Dry Bulb	8935518	124248	71.3	6.718	1743			68.8	41.6	8.7		90
Wet Bulb	7639937	114883	66.1	5.388	1739			50.8	5.2			90
Dew Point	7035689	110111	63.3	6.050	1739			31.3	1.9			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN 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
88/ 87										.1	.0							3	3		
86/ 85									.0									1	1		
84/ 83							.0	.1	.1									6	6		
82/ 81				.1		.2	.4	.1	.1	.0								19	19		
80/ 79					.4	1.2	.8	.3	.0									58	58		
78/ 77		.1	.4	1.2	1.9	.8	.5	.0	.3									109	109		
76/ 75		.6	2.4	3.1	2.6	.6	.2	.0	.0									201	201	7	1
74/ 73	.1	1.4	5.0	2.5	1.2	.4	.1											224	224	32	17
72/ 71	.3	3.0	4.1	2.7	1.1	.3	.1											241	243	185	56
70/ 69	.6	4.1	4.5	1.7	.5	.6												271	272	349	201
68/ 67	1.0	4.1	3.2	1.3	.4	.2												213	213	345	319
66/ 65	1.5	4.7	3.1	.9	.1	.1	.0											218	218	317	323
64/ 63	1.1	4.1	2.0	1.0	.3	.1												178	178	253	284
62/ 61	.7	2.8	1.6	.4	.1													118	118	194	278
60/ 59	.2	1.2	1.3	.9	.1	.0												81	81	128	170
58/ 57	.2	1.0	.9	.3	.1													52	52	77	110
56/ 55	.3	.3	.8	.2	.0													34	34	82	102
54/ 53		.6	.4															21	21	33	65
52/ 51		.5	.6															23	23	39	55
50/ 49		.3	.1		.0													11	11	22	45
48/ 47			.1															2	2	16	23
46/ 45																				4	17
44/ 43																					16
42/ 41																				1	1
36/ 35																					1
TOTAL	6.0	29.9	30.6	16.3	8.8	4.6	2.3	.6	.7	.1	.0								2087		2084
																		2084		2084	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14269932	170684	81.9	11.810	2084							
Dry Bulb	9917289	143241	68.6	6.419	2087			58.2	26.8	2.4		90
Wet Bulb	8786899	134843	64.7	5.457	2084			39.6	1.7			90
Dew Point	8235183	130419	62.6	5.937	2084			25.7	.8			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.1	.0	.0						4	4		
88/ 87							.0	.1	.3	.1	.1							15	15		
86/ 85					.0	.1	.2	.5	.2	.1								28	28		
84/ 83				.1	.2	.6	1.2	.5	.2	.1								74	74		
82/ 81				.3	.7	1.3	.8	.4	.2									96	96		
80/ 79			.3	.8	2.1	1.6	1.0	.3	.1									159	159		
78/ 77		.1	.6	2.6	2.7	1.2	.7	.1	.1									212	212	5	
76/ 75		.3	2.2	3.1	2.4	1.0	.5	.1	.0									249	249	34	4
74/ 73	.1	.8	3.3	3.3	1.8	.7	.3	.0										269	269	129	36
72/ 71	.1	1.8	3.5	2.1	1.3	.6	.3	.0	.0									256	256	320	103
70/ 69	.3	3.0	3.8	2.4	1.2	.6	.1	.0										295	296	430	261
68/ 67	.6	3.5	3.2	1.1	.9	.4	.0											253	253	380	371
66/ 65	.8	3.3	2.9	1.4	.6	.3	.2											247	247	373	420
64/ 63	.7	2.5	1.7	.9	.6	.1												170	170	289	376
62/ 61	.2	1.3	1.3	.9	.2	.1												103	104	200	290
60/ 59	.2	.9	.5	.8	.2	.2												71	71	153	208
58/ 57	.1	.7	.5	.3	.1													42	42	105	139
56/ 55	.0	.3	.4	.2	.1													28	28	77	131
54/ 53		.5	.4	.2														28	28	47	79
52/ 51		.0	.1															3	3	32	75
50/ 49		.0	.0		.0													3	3	24	47
48/ 47		.0																1	1	5	24
46/ 45																				2	26
44/ 43																				1	5
42/ 41																					8
40/ 39																					2
34/ 33																					1
TOTAL	3.0	19.2	24.7	20.6	15.2	8.7	5.1	2.0	1.1	.3	.1	.0							2608		2606
																		2606		2606	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.	15737896	199702	76.6	12.914	2606							
Dry Bulb	13263049	185101	71.0	6.942	2608			65.9	38.2	10.0		90
Wet Bulb	11313872	171114	65.7	5.481	2606			44.8	5.8			90
Dew Point	10387631	163779	62.8	6.027	2606			26.8	1.4			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 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
104/103																.0		1	1		
102/101															.0			1	1		
100/ 99														.1				2	2		
98/ 97												.0	.2	.1	.1			14	14		
96/ 95										.1	.2	.3	.2	.1				26	26		
94/ 93								.0	.1	.3	.9	.4	.2	.1				56	56		
92/ 91								.2	.6	1.3	.9	.2	.1	.1				92	92		
90/ 89						.1	.3	.9	1.5	1.3	.7	.3		.0				140	140		
88/ 87			.0			.2	.9	2.4	1.7	.9	.4	.2		.0				191	191		
86/ 85					.4	1.3	2.5	2.6	1.6	.4	.1	.1						245	245	1	
84/ 83				.1	.8	2.5	2.9	1.6	1.0	.4	.1							263	263		1
82/ 81				.4	1.5	2.5	2.1	1.1	.9	.1	.0	.0						239	239		
80/ 79			.1	.9	2.3	3.0	2.2	.5	.4	.1	.0							268	269	9	
78/ 77			.2	1.6	2.2	2.2	1.4	.7	.3	.3	.0							245	245	52	3
76/ 75		.1	.7	1.7	2.3	.9	.7	.5	.3	.0								201	201	201	16
74/ 73	.0	.2	1.0	1.6	1.1	.7	1.0	.6	.1		.0							176	176	450	51
72/ 71	.0	.5	1.2	1.2	1.0	.5	.7	.3	.2									155	155	494	154
70/ 69		.9	1.2	1.0	.7	.5	.4	.1	.1									132	132	412	318
68/ 67	.1	.8	1.3	.8	.6	.5	.4	.1	.0									129	129	348	431
66/ 65	.1	.9	.4	.3	.3	.3	.1	.1	.0									68	68	248	416
64/ 63	.1	.4	.3	.4	.3	.2	.1											50	50	175	404
62/ 61		.3	.4	.1	.0	.1												28	28	122	275
60/ 59	.1	.1	.0	.1	.2	.0												14	14	97	168
58/ 57	.0	.3	.0	.1	.1													16	16	63	148
56/ 55	.0	.1	.1	.1														10	10	49	111
54/ 53		.0	.1															3	3	16	71
52/ 51																				21	64
50/ 49																				7	49
48/ 47																					36
46/ 45																					22
44/ 43																					17
42/ 41																					5
40/ 39																					2
38/ 37																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	4.5	7.1	10.3	13.8	15.7	15.8	11.7	8.8	5.2	3.5	1.5	.7	.5	.1	.0		2765	2766	2765	2765

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10761583	167561	60.6	14.822	2765							
Dry Bulb	17493530	218804	79.1	8.181	2766			83.9	70.3	46.2	3.3	90
Wet Bulb	13111473	189825	68.7	5.362	2765			64.0	23.2	.0		90
Dew Point	11228379	175347	63.4	6.264	2765			31.7	2.3	.0		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.1	2	2		
106/105																	.1	2	2		
104/103																.2	.1	10	10		
102/101													.1	.2	.4	.1	.0	26	26		
100/ 99											.1	.3	.3	1.0	.2	.1	.1	57	57		
98/ 97										.0	.6		.2	.7	.2	.0		92	92		
96/ 95								.1	.3	.8	1.2		.7	.2	.3	.0		138	138		
94/ 93							.0	.2	.8	1.4	2.4	1.-	.5	.2	.2			192	192		
92/ 91							.4	.8	1.9	1.7	1.7	1.0	.3	.1	.0			221	221		
90/ 89					.1	.2	.8	1.8	2.4	2.8	1.6	.6	.2	.0				287	287		
88/ 87					.0	.3	1.3	2.5	2.3	1.4	.9	.4	.2					260	260		
86/ 85					.3	1.0	2.1	1.8	1.7	1.3	.5	.3	.1					248	248		
84/ 83				.0	.5	1.6	1.9	1.9	1.4	.5	.4	.2						233	233		
82/ 81				.4	.7	1.8	1.7	1.4	.6	.5	.3	.1						206	206	6	
80/ 79			.1	.3	.8	1.8	1.3	.7	.5	.7	.1	.0						178	178	44	.1
78/ 77			.1	.3	1.1	1.4	1.0	.6	.5	.5	.0		.0					158	158	169	5
76/ 75		.0	.4	.7	.5	.5	.7	.5	.5	.1		.0						113	113	343	28
74/ 73		.0	.3	.3	.5	.7	.3	.4	.3	.0	.0							80	80	513	83
72/ 71		.4	.6	.5	.4	.2	.3	.1	.1	.0								75	75	464	164
70/ 69		.1	.6	.2	.3	.1	.3	.3	.1									54	54	407	302
68/ 67	.0	.2	.4	.4	.1	.2	.2	.1										50	50	262	351
66/ 65	.1	.2	.3	.1	.1	.1	.1											31	31	164	379
64/ 63		.0	.3	.2	.1	.1	.0											21	21	134	390
62/ 61		.1	.3		.0	.0												14	14	89	281
60/ 59		.0	.1	.1	.0	.0												9	9	78	230
58/ 57		.0		.1														4	4	44	133
56/ 55				.0														1	1	27	116
54/ 53			.1															2	2	13	76
52/ 51																				5	70
50/ 49																				2	59
48/ 47																					50
46/ 45																					24
44/ 43																					10
42/ 41																					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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN 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
40/ 39																					3
36/ 35																					3
TOTAL	.1	1.2	3.7	3.7	5.6	10.2	12.5	13.2	13.3	11.8	9.9	6.2	3.7	2.4	1.3	.5	.4	2764	2764	2764	2763

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7641830	139638	50.5	14.550	2763							
Dry Bulb	20085847	234417	84.8	8.609	2764			87.3	81.5	67.5	16.9	90
Wet Bulb	13731779	194283	70.3	5.228	2764			71.9	35.0	.7		90
Dew Point	11164794	174704	63.2	6.544	2763			30.4	3.8	.0		90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.1	2	2		
108/107																	.1	4	4		
106/105															.0	.0	.1	5	5		
104/103															.0	.1	.1	7	7		
102/101												.0	.1	.5	.5	.2	.1	39	39		
100/ 99											.1	.4	.7	1.0	.3	.0		69	69		
98/ 97								.0	.1	.1	.6	.8	1.1	.8	.5	.3		120	120		
96/ 95							.1	.1	.1	.8	1.4	2.5	1.2	.6	.3	.2	.0	203	203		
94/ 93					.0		.1	.3	.8	1.1	2.6	1.5	.5	.4	.1	.0		203	203		
92/ 91							.2	.7	2.5	2.1	1.5	1.2	.8	.0	.0			252	252		
90/ 89						.1	.6	1.9	2.7	2.8	2.1	.7	.4					304	304		
88/ 87					.1	.3	1.1	2.4	2.4	2.0	1.2	.6	.1	.1				278	278		
86/ 85					.1	.6	1.6	2.0	2.3	.8	.8	.3	.2	.1				243	243	2	
84/ 83				.2	.3	.9	2.0	1.6	1.2	.9	.4	.2						209	209	4	1
82/ 81	.0			.1	.5	1.0	1.0	1.3	.8	.9	.4							166	166	14	3
80/ 79			.0	.4	.7	1.3	1.4	.8	.5	.6	.4	.1	.1					172	172	36	4
78/ 77			.1	.6	.6	.3	.8	.3	.4	.4	.4	.0						104	104	180	13
76/ 75			.1	.8	.4	.4	.3	.4	.4	.1								83	83	336	24
74/ 73	.0	.1	.1	.4	.4	.4	.1	.2	.2	.2								56	56	526	69
72/ 71	.1	.3	.3	.3	.5	.1	.3	.3	.1	.0								65	65	473	145
70/ 69	.0	.3	.3	.4	.1	.2	.3	.4		.0								54	54	400	262
68/ 67		.2	.2	.1	.3	.0	.1	.0										26	26	230	323
66/ 65	.0	.2	.0	.3	.0	.0	.1											18	18	174	399
64/ 63		.1		.2	.0													9	9	118	354
62/ 61		.1	.2	.1														9	9	66	293
60/ 59		.1	.1	.1	.0													8	8	73	220
58/ 57		.1																2	2	44	128
56/ 55			.1															3	3	29	132
54/ 53																				4	103
52/ 51																				4	88
50/ 49																					53
48/ 47																					30
46/ 45																					36
44/ 43																					19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
42/ 41																					10
40/ 39																					4
TOTAL	.2	1.4	1.5	4.1	4.2	5.5	10.0	13.0	14.6	12.9	12.0	8.4	5.3	3.6	1.8	.9	.6	2713	2713	2713	2713

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	6671953	128775	47.5	14.364	2713							
Dry Bulb	20460649	234521	86.4	8.323	2713			88.4	83.6	73.0	21.6	90
Wet Bulb	13590320	191516	70.6	5.110	2713			73.0	36.4	1.0		90
Dew Point	10838383	170491	62.8	6.771	2713			28.0	3.8	.2		90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.0	1	1		
104/103																	.0	1	1		
102/101																.1		2	2		
100/ 99											.0	.1	.1	.2	.2	.0		17	17		
98/ 97												.3	.4	.3	.1			28	28		
96/ 95								.0		.1	.5	.6	.4	.2	.1			46	46		
94/ 93					.0			.1	.4	.6	1.1	1.2	.5	.3	.1			104	104		
92/ 91					.0	.0	.3	.2	.7	1.1	1.4	.3	.4	.0				107	107		
90/ 89						.2	.4	.7	2.1	1.8	1.1	.7	.3					170	170		
88/ 87				.0	.2	.3	1.5	2.5	2.0	1.6	.7	.3	.0					216	216		
86/ 85					.3	1.0	1.9	2.0	2.1	1.3	.8	.1	.1	.1				230	230	1	
84/ 83			.0	.1	1.0	2.2	3.0	1.9	1.0	.9	.4	.1	.0					251	251	1	1
82/ 81				.6	1.7	2.2	2.1	1.9	1.1	.5	.3							245	245	10	1
80/ 79			.1	.9	1.8	2.1	1.5	.7	.8	.5	.1	.1						204	204	14	1
78/ 77	.0		.4	1.4	1.9	1.4	1.1	.8	.5	.5	.1							193	193	64	14
76/ 75		.3	.7	1.4	1.4	.6	.5	.5	.5	.0	.0							138	138	210	20
74/ 73		.3	.9	.8	.7	.8	.5	.3	.5	.1								116	116	396	61
72/ 71	.1	.7	.6	.8	.7	.2	.5	.1	.1									89	89	447	154
70/ 69	.1	.6	.6	.4	.3	.3	.3	.4										75	75	401	267
68/ 67		.6	.2	.3	.3	.3	.3	.0										49	49	268	320
66/ 65	.0	.3	.3	.3	.2	.3	.1											34	34	192	327
64/ 63	.0	.1	.1	.2	.1	.2	.0											19	19	120	283
62/ 61	.0	.1	.1	.2	.0	.1												14	14	84	252
60/ 59			.2	.0	.1													7	7	53	152
58/ 57		.0	.1	.0														5	5	57	120
56/ 55			.1															3	3	31	117
54/ 53			.1															2	2	11	88
52/ 51																				4	66
50/ 49																			1	2	39
48/ 47																					35
46/ 45																					27
44/ 43																					15
42/ 41																					4
40/ 39																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	3.0	4.5	7.6	10.8	12.2	13.7	12.3	11.6	9.1	6.6	3.9	2.3	1.3	.5	.1	.1	2366	2366	2366	2366

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7904547	131511	55.6	15.857	2366							
Dry Bulb	16013274	193782	81.9	7.928	2367			86.8	78.7	58.2	7.6	90
Wet Bulb	11481102	164374	69.5	5.102	2366			68.9	26.5	.7		90
Dew Point	9569153	149631	63.2	6.700	2366			31.9	3.7	.1		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93												.0	.0					2	2		
92/ 91											.0	.1	.0					5	5		
90/ 89							.0	.0	.2		.5	.2						23	23		
88/ 87					.0	.0	.3	.3	.5	.6	.3			.0				44	44		
86/ 85				.0		.2	.7	1.5	1.0	.3	.2							81	81		
84/ 83			.2	.1	.5	.9	1.4	1.4	1.0	.2	.2	.1						123	123		
82/ 81			.2	.7	1.7	2.6	1.3	1.1	.2	.1	.0	.0						164	164		
80/ 79		.2	.7	2.2	3.7	2.4	1.4	.3	.6	.2								238	238	8	3
78/ 77		.1	1.4	3.3	2.5	1.6	1.1	.4	.1	.1								219	220	23	9
76/ 75		.6	2.1	3.6	2.6	1.3	.6	.5										232	232	62	25
74/ 73		1.0	3.1	2.9	1.7	.8	.7	.2										213	213	202	39
72/ 71		1.4	2.5	2.0	1.0	.9	.7	.1										174	174	378	143
70/ 69	.4	2.0	1.6	1.8	1.2	.8	.6	.1										174	174	362	252
68/ 67	.1	1.3	1.5	.8	.5	.4	.3	.1	.0									105	105	299	318
66/ 65	.3	1.4	1.4	.7	.4	.2	.1											93	93	205	285
64/ 63	.1	.9	.4	.4	.7	.3												59	59	161	236
62/ 61	.0	.2	.0	.3	.0	.2												19	19	122	212
60/ 59	.1	.1	.6	.5	.1													30	30	67	134
58/ 57		.1	.4	.2	.0													16	16	41	86
56/ 55		.0	.2	.0														6	6	52	65
54/ 53			.0															1	1	25	64
52/ 51		.1	.0															3	3	12	70
50/ 49		.0																1	1	5	34
48/ 47																				1	25
46/ 45																					15
44/ 43																					6
42/ 41																					4
TOTAL	1.1	9.6	16.6	19.7	16.9	12.8	9.5	6.3	3.8	1.6	1.3	.6	.1	.0					2026		2025
																		2025		2025	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10219214	140654	69.5	14.904	2025							
Dry Bulb	11531312	152218	75.1	6.843	2026			79.9	59.7	25.4	.1	90
Wet Bulb	9320354	136972	67.6	5.237	2025			59.3	13.1	.2		90
Dew Point	8314850	129114	63.8	6.386	2025			35.1	3.4			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-63,66-75 YEARS | JUL MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.1						1	1		
90/ 89										.1	.2	.2						7	7		
88/ 87								.1	.2	.4	.2	.1						18	18		
86/ 85						.1	.1	.4	1.0	.6	.3	.1						45	45		
84/ 83				.2	.2	.7	1.3	1.4	.5	.3	.1	.1						83	83		
82/ 81			.2	.2	1.3	1.9	2.1	1.4	.6	.2	.1							145	145		
80/ 79		.1	.2	2.0	3.1	3.0	2.3	.4	.4	.1								210	210	2	1
78/ 77		.3	1.9	4.7	4.7	1.9	.6	.6	.3									269	269	9	3
76/ 75	.1	1.8	4.4	4.3	2.1	1.1	1.1	.4										276	276	32	12
74/ 73	.1	2.7	3.3	2.7	1.9	1.0	.8	.1										227	227	197	53
72/ 71	.5	3.5	3.5	1.9	1.3	1.1	.2											216	216	371	168
70/ 69	.8	2.3	3.2	1.1	.8	.3	.1	.2										158	158	448	291
68/ 67	.3	1.6	1.0	.6	.4	.1	.1											74	74	317	325
66/ 65	.1	.9	.7	.2	.2	.2												41	41	180	266
64/ 63	.1	.3	.4	.1	.1	.1												18	18	115	220
62/ 61		.3		.2														9	9	89	151
60/ 59			.1															2	2	18	109
58/ 57		.2																3	3	7	75
56/ 55																				15	75
54/ 53																				2	26
52/ 51																					10
50/ 49																					6
48/ 47																					7
46/ 45																					4
TOTAL	2.0	14.1	19.0	18.1	15.9	11.3	8.7	5.0	2.9	1.7	.8	.4						1802	1802		1802
																				1802	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	9822647	130231	72.3	15.103	1802
Dry Bulb	10320697	136059	75.5	5.143	1802
Wet Bulb	8532922	123818	68.7	3.741	1802
Dew Point	7730692	117666	65.3	5.130	1802

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			89.2	66.1	21.0		93
Wet Bulb			71.0	12.4			93
Dew Point			44.0	3.6			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.0		.4								9	9		
84/ 83							.1	.2	.5	.2								22	22		
82/ 81					.2	.4	.7	.4	.3	.1								46	46		
80/ 79			.2	.6	1.2	2.2	1.4	.4	.3	.1								139	139		
78/ 77		.1	1.0	3.1	3.5	2.3	1.2	.2	.2	.0								254	254		
76/ 75		1.0	3.3	5.5	3.9	2.3	.8	.4	.1									377	377	13	2
74/ 73	.3	3.1	4.6	4.8	1.8	.9	.6											348	348	92	31
72/ 71	.6	5.1	4.8	2.0	1.3	1.1	.1											327	327	328	144
70/ 69	1.2	5.4	3.3	1.9	1.2	.3												287	287	580	329
68/ 67	.6	2.6	2.2	1.7	.6	.2												171	171	444	391
66/ 65	.3	1.6	1.2	.7	.5	.1												94	94	301	355
64/ 63	.1	.6	.6	.2	.1	.1												39	39	162	325
62/ 61		.5	.3	.2	.1	.0												24	24	134	180
60/ 59		.3	.3	.1	.0													17	17	57	145
58/ 57		.2	.1															8	8	24	109
56/ 55	.1	.0																3	3	24	77
54/ 53		.0																1	1	6	45
52/ 51																				1	20
50/ 49																					5
48/ 47																					6
46/ 45																					2
TOTAL	3.2	20.6	21.9	21.0	14.6	9.8	4.9	1.6	1.3	.9									2166		2166
																		2166		2166	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13176863	166367	76.8	13.567	2166							
Dry Bulb	11548830	157832	72.9	4.705	2166			85.0	51.3	6.1		93
Wet Bulb	9897935	146191	67.5	3.783	2166			62.6	4.5			93
Dew Point	9120344	140160	64.7	4.840	2166			38.5	1.4			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93												.1	.1	.0				6	6		
92/ 91										.0	.0	.0						3	3		
90/ 89								.0	.1	.1	.2	.0						12	12		
88/ 87							.1	.3	.4	.1	.2							31	31		
86/ 85				.1		.3	.8	.6	.7	.5	.1	.1						84	84		
84/ 83				.2	.2	1.1	1.4	1.0	.5	.1								119	119		
82/ 81			.0	.3	1.4	2.4	2.1	.8	.2	.1	.0							196	196		
80/ 79			.3	1.7	3.3	3.3	1.6	.6	.2									291	291	2	
78/ 77		.1	1.7	3.5	3.1	1.9	1.4	.5	.1									326	326	7	2
76/ 75	.0	.9	3.4	4.7	3.1	1.4	.8	.3										386	386	54	7
74/ 73	.0	2.2	5.1	3.3	1.9	.9	.3	.1										370	370	279	54
72/ 71	.4	3.6	3.4	2.2	1.5	.5	.2	.0										309	309	535	207
70/ 69	.6	2.5	2.6	1.6	.9	.3	.1											231	231	676	452
68/ 67	.3	2.0	1.1	.9	.5	.0	.0											131	131	427	501
66/ 65	.2	.8	.7	.6	.5	.1												75	75	290	457
64/ 63	.0	.3	.3	.4	.1	.0												31	31	165	299
62/ 61		.3	.3	.3	.1													25	25	102	217
60/ 59		.2	.2	.0														11	11	56	132
58/ 57	.0	.1	.1															7	7	34	140
56/ 55		.0																1	1	14	74
54/ 53																				4	49
52/ 51																					14
50/ 49																					5
48/ 47																					3
46/ 45																					2
TOTAL	1.6	13.2	19.3	19.8	16.5	12.2	9.0	4.4	2.2	.9	.6	.2	.1	.0					2645		2645
																		2645		2645	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14440636	191784	72.6	14.086	2643							
Dry Bulb	15056865	199007	75.2	5.629	2645			87.7	64.1	21.4	.2	93
Wet Bulb	12478235	181385	68.6	3.864	2645			69.6	12.0	.0		93
Dew Point	11320526	172582	65.2	4.757	2645			43.0	2.2			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (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
108/107																	.0	1	1		
106/105																	.1	3	3		
104/103																.1	.2	7	7		
102/101														.0	.1	.1	.2	11	11		
100/ 99										.0		.1	.1	.2	.3	.1	.0	27	27		
98/ 97										.1	.0	.5	.6	.4	.4			55	55		
96/ 95					.0	.0			.1	.2	1.0	1.4	.6	.2		.0		103	103		
94/ 93						.1	.1	.1	.5	.9	1.9	1.0	.4	.2	.1			146	146		
92/ 91					.0		.1	.5	1.5	3.1	1.7	.9	.2	.1				225	225		
90/ 89				.0	.1	.0	.5	1.8	3.3	2.2	1.0	.3	.1					266	266		
88/ 87				.1	.1	.5	2.0	3.3	2.6	1.1	.4	.2	.0					289	289	1	
86/ 85				.1	.2	1.8	3.9	3.0	1.1	.9	.2	.1						317	317	1	1
84/ 83			.0	.1	.9	3.0	2.6	1.3	1.1	.4	.1	.0						268	268	4	
82/ 81		.0	.1	.7	2.2	2.5	1.4	1.0	.5	.2	.1							246	246	9	3
80/ 79			.3	1.6	1.9	1.9	1.0	.7	.4	.0								220	220	22	5
78/ 77		.2	.9	1.5	1.5	1.0	.6	.3	.2	.0								176	176	110	12
76/ 75		.4	1.2	1.4	1.2	.5	.4	.3	.1									150	150	446	25
74/ 73		.8	.7	.8	.6	.6	.3	.1										113	113	744	111
72/ 71		.6	1.1	.8	.4	.3	.1	.0										91	91	601	314
70/ 69	.0	.6	.3	.2	.2	.1	.0											41	41	368	423
68/ 67	.1	.3	.2	.0	.1	.0	.0											21	21	241	550
66/ 65		.3	.1															13	13	115	439
64/ 63		.1	.1	.1														10	10	83	290
62/ 61		.1	.2	.0														9	9	34	203
60/ 59		.1	.1															4	4	20	175
58/ 57		.0																1	1	11	109
56/ 55																				3	63
54/ 53																					53
52/ 51																					23
50/ 49																					10
48/ 47																					4
TOTAL	.1	3.5	5.4	7.4	9.6	12.4	13.0	12.4	11.4	9.1	6.3	4.5	2.1	1.2	.8	.4	.5		2813		2813
																		2813		2813	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9679086	158826	56.5	15.907	2813							
Dry Bulb	20109735	236915	84.2	7.458	2813			91.8	86.7	59.2	11.7	93
Wet Bulb	14483662	201566	71.7	3.791	2813			84.2	44.2	.7		93
Dew Point	12262579	185173	65.8	5.098	2813			47.7	5.2	.3		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — JUL 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
112/111																	.1	2	2		
110/109																	.2	6	6		
108/107																	.2	7	7		
106/105														.0		.1	.6	21	21		
104/103												.0	.0	.3	.4	.5	.6	51	51		
102/101												.1	.4	.5	.9	.9	.2	87	87		
100/ 99							.0		.1	.0	.2	.6	1.4	2.1	1.3	.3	.1	181	181		
98/ 97					.0		.1	.0	.0	.1	1.0	2.3	3.4	1.7	.6	.1		266	266		
96/ 95						.0	.1	.2	.1	1.0	2.6	3.6	1.4	.6	.3	.1	.0	285	285		
94/ 93							.1	.3	1.0	2.9	3.3	2.0	.8	.5	.1	.0		311	311		
92/ 91						.1	.3	1.1	2.8	2.8	1.1	1.0	.4	.2	.1			279	279		
90/ 89				.0		.2	.8	1.8	2.7	1.8	1.0	1.1	.4	.0				276	276	1	
88/ 87						.6	1.2	1.7	1.5	.4	.7	.4	.1	.0				187	187	1	1
86/ 85				.1	.3	1.0	1.8	1.9	1.0	.6	.4	.1	.0					204	204	5	
84/ 83			.1	.2	.7	1.6	1.1	.9	.7	.3	.3	.1						168	168	9	4
82/ 81		.0	.0	.3	.7	1.3	.8	.7	.4	.6	.1	.0						141	141	15	3
80/ 79			.1	.5	1.0	.5	.5	.4	.5	.1								99	99	57	11
78/ 77			.5	.5	.6	.6	.3	.1	.1									80	80	283	15
76/ 75			.4	.6	.4	.3	.2	.1	.0									56	56	617	34
74/ 73	.1	.3	.6	.1	.4	.1	.1	.0										51	51	705	102
72/ 71		.1	.1	.1	.1													13	13	477	252
70/ 69		.3	.0	.1	.0	.0												13	13	288	351
68/ 67		.1	.1	.1	.0	.0												12	12	164	434
66/ 65		.1	.1															5	5	96	418
64/ 63		.0	.1															5	5	62	320
62/ 61		.1	.1															4	4	17	256
60/ 59		.0	.1															4	4	14	198
58/ 57																				2	139
56/ 55																				1	85
54/ 53																					93
52/ 51																					45
50/ 49																					14
48/ 47																					8
46/ 45																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41 TOTAL	.1	1.1	2.5	2.7	4.4	6.3	7.3	9.2	11.1	10.7	10.8	11.3	8.4	6.1	3.6	2.3	2.1		2814		1 2814
																		2814		2814	

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.	6595618	129022	45.9	15.526	2813							
Dry Bulb	23031341	253605	90.1	7.905	2814			92.4	91.1	83.7	40.2	93
Wet Bulb	14958956	204888	72.8	3.818	2814			86.7	56.0	1.7		93
Dew Point	11922675	182433	64.8	5.825	2814			39.9	5.6	.3		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	L 3.	TOTAL Dry Bulb	Wet Bulb	Dew Point
114/113																	.1	2	2		
112/111																	.0	1	1		
110/109																	.1	4	4		
108/107																	.4	12	12		
106/105														.1	.1	.2	.9	33	33		
104/103													.0	.3	.8	.8	.8	74	74		
102/101											.0	.2	.4	.9	1.5	1.6	.3	136	136		
100/ 99								.0	.0		.1	1.0	1.9	2.7	1.9	.6	.3	242	242		
98/ 97						.0	.2	.1	.1	.1	.5	2.3	3.1	2.5	1.1	.3	.1	286	286		
96/ 95								.1	.1	1.0	3.0	3.4	2.1	1.0	.6	.0	.1	320	320		
94/ 93							.0	.3	.7	2.3	3.2	2.1	.7	.5	.1	.1		281	281		
92/ 91					.0	.1	.1	.9	2.2	2.1	2.0	1.0	1.0	.3	.2	.1		278	278		
90/ 89					.1	.0	.5	1.0	1.8	1.4	.9	.6	.5	.1				193	193		
88/ 87				.0	.2	.3	1.2	1.5	1.8	.7	.7	.6	.3	.0				203	203	2	
86/ 85				.1	.2	.8	1.9	1.3	1.0	.5	.6	.2	.0					186	186	7	1
84/ 83			.1	.2	.6	1.5	1.0	.9	.3	.4	.4	.3						155	155	7	3
82/ 81			.1	.3	.8	.8	.3	.5	.4	.3	.2	.0						100	100	15	5
80/ 79		.0	.1	.5	.8	.5	.6	.3	.3	.0								85	85	53	9
78/ 77		.1	.2	.5	.4	.4	.1	.0	.1	.0								52	52	245	19
76/ 75		.2	.3	.7	.3	.3	.1	.1	.1									57	57	565	30
74/ 73		.4	.1	.1	.3	.0												25	25	745	82
72/ 71		.2	.2	.2	.1	.2	.0											26	26	506	178
70/ 69		.0	.0	.1		.1												6	6	262	329
68/ 67																				172	363
66/ 65		.1																2	2	98	380
64/ 63	.0	.1	.1															7	7	59	341
62/ 61		.0																1	1	25	293
60/ 59		.1	.1															3	5	6	228
58/ 57																				4	162
56/ 55																				1	125
54/ 53																					102
52/ 51																					59
50/ 49																					29
48/ 47																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FOR 1JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
46/ 45																					14
44/ 43																					1
42/ 41																					2
40/ 39																					1
TOTAL	.0	1.2	1.3	2.6	3.7	5.1	6.1	7.2	8.9	8.8	11.8	11.8	10.0	8.4	6.3	3.7	3.1	2772	2772	2772	2772

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5769410	118608	42.9	15.579	2769							
Dry Bulb	23345529	253465	91.4	7.816	2772			92.5	91.4	85.7	46.7	93
Wet Bulb	14687875	201507	72.7	3.779	2772			86.5	55.0	1.8		93
Dew Point	11433900	177212	63.9	6.152	2772			34.2	5.0	.5		93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.0	1	1		
108/107																	.0	1	1		
106/105																.0	.2	5	5		
104/103															.1		.2	7	7		
102/101												.0	.0	.2	.2	.4	.3	30	30		
100/ 99											.1	.2	.4	.7	.7	.4	.0	60	60		
98/ 97							.0		.0		.3	.7	1.2	1.4	.7	.4	.0	114	114		
96/ 95						.0	.0	.0		.4	.8	1.9	1.7	1.1	.2	.1		156	156		
94/ 93						.1			.5	1.2	2.6	2.2	1.2	.5	.2	.0		204	204		
92/ 91					.0	.0	.1	.5	1.5	3.0	2.0	1.7	.7	.2	.0	.0		238	238		
90/ 89				.0	.1	.2	.6	1.7	2.6	2.4	1.9	1.0	.2	.2	.0	.0		262	262		
88/ 87			.0		.1	.3	1.5	2.3	2.5	1.3	.6	.6	.2					230	230		
86/ 85				.2	.4	1.2	2.6	2.2	1.3	1.1	.8	.3	.0					244	244	2	
84/ 83			.1	.2	.8	1.9	1.6	1.6	.9	.7	.4	.1	.0					200	200	6	1
82/ 81		.0	.1	.6	1.2	1.9	1.1	.7	.5	.6	.2	.0	.0					170	170	6	4
80/ 79		.1	.3	1.2	1.2	1.1	.7	.6	.4	.3	.1							143	143	27	7
78/ 77		.2	.7	1.1	1.1	.7	.5	.2	.2	.0								114	114	116	18
76/ 75		.2	.5	1.0	.4	.5	.2	.2	.1	.1								77	77	340	30
74/ 73	.2	.4	.8	.5	.3	.1	.1	.1	.1									61	61	597	80
72/ 71	.1	.5	.5	.7	.2	.1	.0											50	50	518	201
70/ 69	.0	.5	.2	.2	.1	.0												24	24	360	290
68/ 67	.0	.0	.2		.2													12	12	191	330
66/ 65	.0	.2	.1															9	9	134	351
64/ 63		.0	.1															3	3	66	271
62/ 61			.0															1	1	32	232
60/ 59		.0	.0															2	2	18	196
58/ 57																				5	130
56/ 55																					124
54/ 53																					62
52/ 51																					35
50/ 49																					30
48/ 47																					16
46/ 45																					5
44/ 43																					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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41 TOTAL	.4	2.2	3.7	5.6	6.0	8.2	9.1	10.2	10.7	11.1	9.6	8.8	5.7	4.3	2.2	1.4	.8		2418		1 2418
																		2418		2418	

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.	6787568	121266	50.2	17.090	2418							
Dry Bulb	18359826	209908	86.8	7.545	2418			92.4	89.1	77.1	22.2	93
Wet Bulb	12432079	173133	71.6	3.830	2418			83.2	42.1	.9		93
Dew Point	10106056	155634	64.4	6.058	2418			37.0	5.4	.3		93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | JUL MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97														.0				1	1		
96/ 95													.0	.0	.0			3	3		
94/ 93										.0	.1	.1	.1	.3	.0			14	14		
92/ 91								.0	.1	.2	.3	.4	.3	.0				31	31		
90/ 89						.0	.1	.2	.7	1.2	.7	.5	.1	.0				74	74		
88/ 87					.1	.1	.8	1.3	1.2	1.2	.6	.2	.1					117	117		
86/ 85			.0	.1	.1	.9	1.9	2.3	2.0	.9	.3	.0						180	180		
84/ 83			.1	.1	1.5	2.6	3.6	2.8	1.1	.5	.1	.0						258	258		
82/ 81			.1	.7	2.6	3.5	2.8	1.2	.6	.3	.0	.0						247	247	1	
80/ 79		.3	.5	3.0	2.9	3.0	1.1	.7	.8	.3								261	261	11	3
78/ 77		.5	1.5	2.7	2.5	1.3	1.2	.6	.4	.1								224	224	27	13
76/ 75	.1	1.0	2.9	2.8	1.4	1.6	1.0	.5	.1	.0								238	238	144	15
74/ 73	.0	1.4	2.1	1.8	1.2	.6	.6	.3	.1	.0								170	170	363	87
72/ 71	.3	1.4	1.8	1.0	.2	.5	.1	.1										115	115	503	229
70/ 69	.1	.9	1.3	.6	.4	.1	.1	.1	.0									77	77	407	308
68/ 67	.1	.7	.6	.2														32	32	253	354
66/ 65	.0	.4	.2	.1	.3		.0											23	23	180	288
64/ 63		.1		.0														3	3	94	222
62/ 61		.0	.0	.0	.0													4	4	52	170
60/ 59		.1	.0															4	4	19	130
58/ 57																				15	86
56/ 55																				7	65
54/ 53																					53
52/ 51																					21
50/ 49																					13
48/ 47																					4
46/ 45																					8
44/ 43																					3
40/ 39																					1
TOTAL	.8	6.8	11.3	13.2	13.2	14.4	13.3	10.2	7.1	4.9	2.2	1.3	.7	.5	.1				2076		2076
																		2076		2076	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9110535	133337	64.2	16.230	2076							
Dry Bulb	13178958	164950	79.5	5.921	2076			91.5	81.4	47.8	.8	93
Wet Bulb	10198133	145281	70.0	3.877	2076			76.6	24.5	.2		93
Dew Point	8935973	135699	65.4	5.637	2076			45.3	5.4			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-63,65,72-75 YEARS — AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.1	.1						3	3		
90/ 89									.1	.1	.1	.1						6	6		
88/ 87								.1	.6	.3	.1	.1						21	21		
86/ 85						.1	.4	.8	1.6	.7	.2	.1	.1					69	69		
84/ 83				.1	.1	.8	.8	1.7	1.7	.7	.3	.1						110	110		
82/ 81				.6	1.0	1.8	2.1	1.1	.4	.4								133	133		
80/ 79		.1	.6	1.9	2.7	2.3	1.1	.5	.3	.1	.1							169	169		
78/ 77		.1	1.8	4.4	2.6	1.7	.5	.3	.4	.1								211	211	2	
76/ 75	.1	1.3	4.4	4.4	2.3	1.5	.4	.5	.2									267	267	39	6
74/ 73	.2	2.5	4.2	2.5	1.6	1.3	.2	.3		.1								231	231	174	50
72/ 71	.2	2.8	3.5	1.6	1.7	1.1	.3	.1	.1									202	202	375	151
70/ 69	.8	2.3	2.2	1.2	1.1	.8		.1										153	153	428	293
68/ 67	.6	1.5	1.1	1.3	.8	.3	.1	.1										104	104	252	301
66/ 65	.4	.6	.6	.6	.1	.2												43	43	183	245
64/ 63	.3	.3	.2	.2	.2	.1												23	23	139	196
62/ 61	.1	.2	.2	.2	.2													15	15	89	144
60/ 59		.2	.2	.2														10	10	50	136
58/ 57		.2	.1	.2														8	8	21	95
56/ 55		.1																2	2	20	49
54/ 53																				7	52
52/ 51																				1	28
50/ 49																					21
48/ 47																					8
46/ 45																					3
44/ 43																					2
TOTAL	2.6	12.1	19.2	19.3	14.3	11.9	6.0	5.6	5.3	2.4	.8	.3	.1					1780	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.	9507750	127056	71.4	15.700	1780							
Dry Bulb	10150420	134022	75.3	5.782	1780			87.7	63.7	22.8		93
Wet Bulb	8320931	121473	68.2	4.189	1780			66.4	11.2			93
Dew Point	7496327	115003	64.7	5.576	1780			41.9	2.9			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG 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
90/ 89										.0								1	1		
86/ 85						.0			.1	.0	.0							5	5		
84/ 83						.1	.1	.6	.4	.1								28	28		
82/ 81					.1	.3	1.6	1.2	.4	.1								83	83		
80/ 79				.3	1.2	2.0	2.0	1.0	.5	.1								156	156		
78/ 77		.1	1.0	1.5	2.4	2.3	1.1	.4	.2									198	198		
76/ 75		1.1	3.3	3.8	3.0	1.5	.3	.1	.1									291	291	7	
74/ 73	.1	3.5	5.7	3.4	1.3	1.0	.4	.3	.1									355	355	81	24
72/ 71	.2	4.1	4.2	2.7	1.6	.9	.7	.0										318	318	299	122
70/ 69	.5	5.0	2.6	2.0	1.2	.6	.2	.0										271	271	491	271
68/ 67	.9	2.8	2.2	1.7	1.4	.3	.0	.0										206	206	471	392
66/ 65	.5	1.8	1.0	1.7	.4	.4	.0											128	123	277	317
64/ 63	.2	1.3	1.0	.7	.2	.1												80	80	195	296
62/ 61	.1	.4	.6	.2	.2													33	33	146	228
60/ 59	.0	.4	.3	.1	.2													22	22	134	157
58/ 57		.3	.2	.1	.0													15	15	41	131
56/ 55		.2	.3															11	11	31	106
54/ 53		.0																1	1	14	68
52/ 51		.0																1	1	16	37
50/ 49																					27
48/ 47																					16
46/ 45																					7
44/ 43																					2
TOTAL	2.6	21.2	22.4	18.3	13.3	9.6	6.5	3.9	1.8	.4	.0								2203		2203
																		2203		2203	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13084975	166795	75.7	14.398	2203							
Dry Bulb	11581205	159299	72.3	5.319	2203			80.7	47.2	8.1		93
Wet Bulb	9839081	146915	66.7	4.343	2203			56.9	3.7			93
Dew Point	9001606	140300	63.7	5.494	2203			34.2	1.0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG 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
90/ 89									.0	.1	.1	.0	.0					7	7		
88/ 87								.2	.4	.2	.1							25	25		
86/ 85						.1	.4	.4	.5	.3		.0						48	48		
84/ 83					.2	.5	1.1	.9	.5	.1	.0							91	91		
82/ 81				.2	.7	1.3	1.4	1.1	.2	.1	.0							135	135		
80/ 79			.1	1.1	2.2	2.6	1.6	.7	.1	.1	.0							233	233		
78/ 77		.1	.9	2.2	2.7	1.6	1.5	.3	.1									260	260	1	
76/ 75	.0	.5	2.8	4.0	3.2	2.0	.7	.2	.1									374	374	31	3
74/ 73	.1	1.9	4.0	2.5	2.0	1.3	.5	.2	.0									350	350	163	29
72/ 71	.5	3.4	3.9	2.8	1.6	.9	.3	.1										371	371	452	164
70/ 69	.4	4.1	2.7	1.5	1.1	.8	.3	.0										300	300	587	355
68/ 67	.5	2.6	1.9	1.7	1.1	.3	.3											230	230	498	464
66/ 65	.3	1.5	1.9	1.1	.6	.2												152	152	351	427
64/ 63	.1	.8	.7	.8	.3	.1												78	78	233	356
62/ 61	.1	.4	.5	.1	.2													36	36	177	278
60/ 59		.3	.4	.1	.2													29	29	114	225
58/ 57		.3	.1	.0	.0													12	12	71	155
56/ 55		.1	.1															6	6	36	116
54/ 53		.1	.0															4	4	17	78
52/ 51		.1																2	2	10	35
50/ 49																				2	31
48/ 47																					18
46/ 45																					8
44/ 43																					1
TOTAL	2.3	16.1	20.2	18.3	16.1	11.8	8.0	4.1	1.9	.8	.3	.1	.0					2743	2743		2743
																				2743	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15452066	202064	73.7	14.379	2743							
Dry Bulb	14865483	201285	73.4	5.884	2743			82.2	51.6	14.1		93
Wet Bulb	12423249	184201	67.2	4.420	2743			58.7	6.6			93
Dew Point	11277196	175262	63.9	5.366	2743			34.4	1.1			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.0	1	1		
104/103															.0	.1	.1	6	6		
102/101														.1	.1	.0		6	6		
100/ 99													.2	.4	.3			26	26		
98/ 97										.0	.0	.4	.5	.3	.1			42	42		
96/ 95										.2	.9	1.0	.8	.3	.0			89	89		
94/ 93								.1	.1	.6	1.5	1.0	.4	.0	.0			111	111		
92/ 91							.0	.3	1.0	1.9	1.7	.9	.1	.1				176	176		
90/ 89							.3	1.6	2.3	1.8	1.2	.4	.1					228	228		
88/ 87					.0	.2	1.1	2.4	2.4	1.3	.6	.2						243	243		
86/ 85					.1	1.5	2.7	2.5	1.6	.8	.4	.1	.1					289	290		
84/ 83			.0	.2	.6	2.2	3.0	1.7	1.3	.4	.2	.0						287	287		
82/ 81			.0	.3	2.2	3.0	1.8	1.4	1.1	.4	.1	.0						306	306		
80/ 79			.1	1.4	2.2	1.9	1.3	1.2	.5	.2								256	256	10	
78/ 77		.0	.8	1.5	1.7	1.3	1.3	1.0	.1	.1	.1							231	231	67	1
76/ 75		.2	1.3	1.7	1.0	1.0	.8	.3	.3	.1	.0							193	193	321	20
74/ 73	.1	.9	1.3	1.1	.6	.7	.3	.2	.1									159	159	684	60
72/ 71		.6	1.4	.5	.8	.2	.1	.2	.0									110	110	627	248
70/ 69	.1	.5	.6	.2	.3	.0	.2	.0	.0									60	60	435	422
68/ 67	.0	.6	.4	.3	.2		.1	.0										50	50	301	491
66/ 65	.0	.2	.3	.1	.2	.1	.1											30	31	224	482
64/ 63		.1	.1	.1	.1	.0												11	11	131	312
62/ 61	.0	.1	.1	.1	.1													12	12	43	259
60/ 59	.0																	1	1	38	242
58/ 57																				28	164
56/ 55																				9	92
54/ 53			.0															1	1	5	49
52/ 51		.1																2	2	1	33
50/ 49																				2	18
48/ 47																					17
46/ 45																					10
44/ 43																					4
42/ 41																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	3.4	6.5	7.5	10.3	12.2	13.1	12.8	11.0	7.9	6.9	3.9	2.3	1.2	.6	.1	.1	2926	2928	2926	2926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	10240032	166632	56.9	16.019	2926							
Dry Bulb	20174687	242017	82.7	7.632	2928			91.2	84.2	61.7	8.9	93
Wet Bulb	14595416	206296	70.5	4.161	2926			77.7	34.4	.1		93
Dew Point	12321530	189216	64.7	5.406	2926			39.5	2.6			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.1	4	4		
108/107																	.4	12	12		
106/105															.1	.2	.5	23	23		
104/103														.1	.6	1.0	.4	64	64		
102/101											.1	.0	.2	1.1	1.6	.5	.1	107	107		
100/ 99											.2	.5	1.9	1.9	1.1	.3	.1	178	178		
98/ 97								.0		.1	.4	2.0	1.9	1.3	.6	.3	.1	196	196		
96/ 95									.1	.7	1.8	2.6	1.2	.7	.3	.0		217	217		
94/ 93							.0	.1	.6	2.4	2.3	1.9	1.2	.6	.2			280	280		
92/ 91						.0	.1	.4	2.2	2.7	1.5	1.5	.9	.2	.1			282	282		
90/ 89						.1	.5	1.3	2.8	2.3	1.5	.6	.5	.1				291	291		
88/ 87					.0	.4	1.3	1.8	1.7	1.5	1.1	.6	.1	.1				257	257		
86/ 85					.1	1.0	1.8	1.4	1.3	.7	.9	.4	.1					227	227		
84/ 83					.5	1.4	1.2	.8	.7	1.1	.5	.2	.1					189	189	2	
82/ 81		.0	.0	.2	1.2	1.0	.9	.7	.6	.3	.1	.1	.0					155	155	6	
80/ 79			.0	.5	.8	.8	.2	.4	.2	.3	.0		.0					98	98	24	
78/ 77		.0	.4	.9	.9	.3	.4	.4	.1	.0	.0							106	106	196	6
76/ 75		.1	.5	.6	.3	.4	.1	.1	.1	.1								70	70	584	18
74/ 73	.1	.3	.5	.5	.2	.2	.0	.1	.0	.0								56	56	720	63
72/ 71	.1	.3	.3	.2	.1	.0	.1	.1	.0									40	40	481	206
70/ 69		.2	.6	.2	.1	.1	.1	.1										41	41	368	328
68/ 67		.2	.0	.1	.1	.1		.1										17	17	222	423
66/ 65	.0	.1		.0														5	5	163	425
64/ 63	.0	.1	.0	.1														7	7	75	369
62/ 61			.0															1	1	36	308
60/ 59	.0	.0																2	2	26	222
58/ 57																				15	197
56/ 55		.1																2	2	6	143
54/ 53			.0															1	1	3	81
52/ 51																				1	60
50/ 49																					29
48/ 47																					22
46/ 45																					11
44/ 43																					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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																					3
40/ 39																					3
TOTAL	.3	1.4	2.5	3.2	4.3	5.9	6.8	7.9	10.6	12.4	10.9	10.8	8.1	6.1	4.6	2.5	1.7	2928	2928	2928	2928

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6815883	133263	45.5	16.014	2928							
Dry Bulb	23465937	260957	89.1	8.435	2928			92.4	89.3	80.6	34.3	93
Wet Bulb	15160837	210349	71.8	4.102	2928			82.7	48.7	.5		93
Dew Point	11961683	186335	63.6	5.947	2928			33.2	2.8			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 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
112/111																	.0	1	1		
110/109																	.1	3	3		
108/107																.1	.5	15	15		
106/105															.2	.5	1.0	47	47		
104/103										.0				.4	.6	1.7	.7	96	96		
102/101										.1		.1	.4	1.5	1.8	.7	.3	143	143		
100/ 99											.1	.5	2.0	2.1	1.5	.5	.2	196	196		
98/ 97										.1	.3	2.2	2.1	1.8	.8	.4	.0	219	219		
96/ 95									.0	.9	2.0	3.3	2.1	1.5	.7	.2		307	307		
94/ 93								.2	.2	2.4	2.7	1.7	1.3	.8	.3			274	274		
92/ 91						.0	.0	.3	1.3	2.0	2.7	1.6	1.2	.4	.2			279	279		
90/ 89						.0	.3	1.5	2.2	2.0	1.6	1.3	.7	.3				286	286		
88/ 87						.2	.6	1.2	1.5	1.0	.8	1.2	.2	.1				197	197		
86/ 85					.1	.7	1.3	1.3	.7	.6	1.2	.5	.3	.0				192	192	1	
84/ 83					.5	1.3	.8	.8	.4	.8	.5	.2		.1				155	155	2	
82/ 81				.1	.7	.9	.6	.5	.6	.3	.0	.1	.0					113	113	3	
80/ 79				.3	.8	.9	.3	.2	.3	.1	.1	.1						92	92	32	4
78/ 77			.2	.5	.5	.3	.2	.1	.2									60	60	171	1
76/ 75		.3	.5	.5	.4	.2	.1	.1	.1									65	65	539	12
74/ 73	.1	.2	.5	.5	.2	.1	.0	.0	.1	.1								49	49	712	53
72/ 71	.0	.2	.2	.1	.0	.1	.2		.0	.0								27	27	508	162
70/ 69	.1	.1	.4	.1		.1		.0	.1									23	23	340	251
68/ 67		.3	.0	.0	.0													11	11	253	360
66/ 65	.0		.1	.1														6	6	176	423
64/ 63			.0	.2	.0													7	7	57	330
62/ 61																				29	310
60/ 59			.0															1	1	22	262
58/ 57			.1															2	2	12	174
56/ 55																				8	189
54/ 53																				1	121
52/ 51																					82
50/ 49																					40
48/ 47																					24
46/ 45																					18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
44/ 43																					6
42/ 41																					6
40/ 39																					8
TOTAL	.2	1.0	2.1	2.3	3.5	4.8	4.7	6.3	7.7	10.5	12.1	12.7	10.0	9.0	6.1	4.0	2.9		2866		2866
																		2866		2866	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Pel. Hum.	5804246	120790	42.1	15.780	2866							
Dry Bulb	23770216	259922	90.7	8.302	2866			92.5	90.5	83.7	42.2	93
Wet Bulb	14817670	205760	71.8	3.983	2866			83.1	47.4	.4		93
Dew Point	11382421	179741	62.7	6.196	2866			27.4	2.3			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

1600-2000 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															.0		.1	3	3		
104/103															.1	.0	.2	8	8		
102/101														.2	.5	.4	.2	34	34		
100/ 99										.0		.1	.6	1.0	.6	.1		61	61		
98/ 97							.0		.0		.2	.5	1.1	.8	.4			78	78		
96/ 95									.0	.3	.9	1.7	1.7	.6	.4			138	138		
94/ 93								.0	.4	1.0	2.2	1.8	1.2	.5	.1			178	178		
92/ 91							.2	.2	1.2	2.2	1.9	1.2	1.2	.4	.1			209	209		
90/ 89							.2	1.2	2.3	2.2	1.9	1.1	.6	.2				239	239		
88/ 87					.0	.3	1.4	2.0	2.5	1.8	1.7	.6	.2					261	261		
86/ 85					.2	1.1	2.3	1.9	1.7	1.3	1.1	.6	.0					248	248	1	
84/ 83				.1	.9	1.3	1.6	1.6	1.0	1.1	.4	.3		.0				206	206	1	
82/ 81			.0	.4	1.9	1.6	1.5	.9	1.1	.6	.6	.0	.0					215	215	1	1
80/ 79			.1	1.0	1.4	1.4	.5	.7	.6	.2	.1	.1						147	147	10	
78/ 77			.7	1.2	1.3	.4	.4	.6	.3	.1								126	126	73	2
76/ 75	.0	.2	1.0	1.0	.7	.3	.5	.1	.4		.0							106	106	296	12
74/ 73	.1	.5	.9	.8	.6	.1	.2	.0	.1									82	82	566	66
72/ 71	.1	.7	.7	.3	.3	.1	.1	.1	.1	.0								62	62	505	171
70/ 69		.3	.3	.3	.2	.2	.1	.1	.0									37	37	400	286
68/ 67		.1	.2		.1		.1											14	14	263	331
66/ 65		.0	.0	.1	.1	.0												7	7	169	327
64/ 63		.1	.0	.0	.0													5	5	106	291
62/ 61				.0														1	1	35	231
60/ 59			.0	.0														2	2	29	204
58/ 57			.1															3	3	12	161
56/ 55																				11	158
54/ 53																				2	97
52/ 51																					49
50/ 49																					40
48/ 47																					23
46/ 45																					8
44/ 43																					5
42/ 41																					5
38/ 37																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	2.0	4.2	5.1	7.7	6.8	9.1	9.5	11.7	10.8	11.1	8.0	6.6	3.7	2.3	.6	.5	2470	2470	2470	2470

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.	6845992	123124	49.8	16.940	2470							
Dry Bulb	18326745	211901	85.8	7.737	2470			92.3	88.1	73.8	18.8	93
Wet Bulb	12392243	174667	70.7	4.055	2470			79.3	35.3	.2		93
Dew Point	9993281	156359	63.3	6.211	2470			32.7	3.0	.0		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | AUG 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
98/ 97													.0	.0				2	2		
96/ 95												.1	.1					4	4		
94/ 93										.0	.1	.1	.2					9	9		
92/ 91							.0		.1	.3	.7	.4	.2					36	36		
90/ 89							.1	.5	.5	1.3	1.2	.6	.2	.0				92	92		
88/ 87						.1	.8	1.0	1.2	2.0	.9	.3						129	129		
86/ 85					.1	.9	2.0	1.5	1.8	.7	.3	.1	.0					158	158		
84/ 83			.0	.1	1.0	2.3	2.4	1.7	1.1	.4	.3	.1						195	195		
82/ 81			.0	1.0	2.3	2.2	2.2	1.2	1.1	.8	.1							223	225		
80/ 79			.5	2.8	2.6	3.3	1.9	1.0	.8	.3	.1							277	277	2	
78/ 77		.2	1.2	3.3	2.3	1.6	1.0	1.3	.3	.0								234	234	19	1
76/ 75		.2	2.4	3.1	1.4	1.4	1.1	.3	.3	.0								215	215	128	13
74/ 73	.0	1.5	2.2	1.6	1.2	1.3	.6	.4	.2									186	186	335	71
72/ 71	.3	1.3	1.8	.9	.4	.7	.5	.1										125	125	430	191
70/ 69	.3	1.2	1.0	.8	.4	.3	.3											90	90	411	325
68/ 67	.0	.8	.2	.3	.2	.3	.1	.0										43	43	287	293
66/ 65		.3	.4	.3	.1	.1	.0											28	28	167	271
64/ 63	.0	.2	.1		.0	.1												11	11	140	210
62/ 61			.2	.0	.1													7	7	77	192
60/ 59			.1	.0														3	3	38	140
58/ 57		.1																2	2	20	130
56/ 55																				13	100
54/ 53																				4	51
52/ 51																					36
50/ 49																					24
48/ 47																					16
46/ 45																					4
44/ 43																					3
TOTAL	.8	5.9	10.3	14.4	12.2	14.7	13.1	9.0	7.5	5.9	3.7	1.7	.8	.1				2071	2071		2071
																				2071	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	8759776	130362	63.0	16.304	2070							
Dry Bulb	13033955	163779	79.1	6.293	2071			90.7	79.1	43.7	.7	93
Wet Bulb	9984021	143533	69.3	4.188	2071			72.4	21.7			93
Dew Point	8662184	133378	64.4	5.909	2071			40.1	3.8			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-60,63,72-75 (YEARS) SEP (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85									.1									2	2		
84/ 83			.1				.1	.1	.2	.1	.1							9	9		
82/ 81					.1	.2	.2	.2	.2	.2								19	19		
80/ 79				.1	.2	.4	.2	.5	.3	.3	.1							34	34	1	
78/ 77			.1	.3	1.3	.9	.4	.5	.9	.2	.2	.2						98	98		1
76/ 75			1.0	1.6	2.1	.7	.7	.5	.6	.2	.2	.1						134	134		
74/ 73		.7	1.4	2.0	1.2	1.0	1.1	.3	.2	.3	.1							148	148	7	
72/ 71		1.4	2.2	1.1	1.9	.9	.6	.6	.6	.1					~~.1~~			166	166	76	21
70/ 69	.2	2.7	.9	1.1	.9	.5	.5	1.2	.6	.1								155	155	154	77
68/ 67	.6	3.0	1.1	1.8	1.3	.7	.5	.5	.3	.1								174	174	167	125
66/ 65	1.2	1.9	1.0	1.4	.9	.5	.5	.6	.2									144	144	172	160
64/ 63	.5	2.1	.8	1.1	1.1	.7	.7	.3	.1									130	130	165	130
62/ 61	.3	1.0	1.6	1.4	.9	1.2	.3	.1										119	119	167	130
60/ 59	.2	1.4	1.8	1.8	1.2	.7	.3	.1										133	133	110	118
58/ 57	.2	1.5	1.5	1.0	.5	1.0	.1	.1										102	102	153	109
56/ 55	.3	1.3	1.0	1.0	.3	.2												73	73	169	130
54/ 53	.1	.7	1.0	.3	.2													40	40	122	123
52/ 51	.4	.3	.2	.4	.3													27	27	118	115
50/ 49		.5	.6	.3	.1													26	26	77	110
48/ 47		.2	.4	.1														12	12	43	77
46/ 45	.1	.1	.2															6	6	29	90
44/ 43		.2	.1	.1														5	5	18	70
42/ 41			.1															1	1	6	46
40/ 39																				1	51
38/ 37																				2	36
36/ 35																					22
34/ 33																					11
30/ 29																					4
~~0/ -7~~																					~~1~~
TOTAL	4.1	18.8	16.9	17.7	14.3	9.7	6.1	5.6	4.2	1.6	.6	.2			~~.1~~				1757		1757
																		1757		1757	

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.	9345008	124086	70.6	18.199	1757							
Dry Bulb	7886500	116912	66.5	7.809	1757			48.1	22.7	2.1		90
Wet Bulb	6447751	105691	60.2	7.159	1757			20.7	.4	.1		90
Dew Point	5610239	97915	55.7	9.352	1757		.3	11.5	.1			90

USAFETAC FCAM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (YEARS) SEP (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.0										1	1		
84/ 83								.0										1	1		
82/ 81								.1										2	2		
80/ 79						.3	.2	.3										18	18		
78/ 77			.0	.5	.3	.4	.4		.3									40	40		
76/ 75			.7	.9	.9	.5	.6	.3	.3	.1	.0							90	90		
74/ 73		.8	2.5	1.7	.9	.5	.5	.7	.1	.1	.0							166	166	1	
72/ 71		2.1	3.6	1.1	1.2	.4	.5	.1	.1	.1								206	206	68	16
70/ 69	.2	2.6	2.3	1.7	.8	.6	.4	.2	.1	.1								195	195	158	90
68/ 67	1.0	2.9	1.6	1.0	.9	.4	.5	.2	.0									180	180	243	175
66/ 65	1.1	2.3	1.5	1.3	.8	.6	1.0	.1	.2									192	193	196	200
64/ 63	.9	2.0	1.7	1.3	.6	.4	.7	.5										167	167	160	156
62/ 61	.5	2.5	1.7	1.4	.8	.6	.2	.1										167	167	178	149
60/ 59	.6	1.8	1.4	1.8	.7	.8	.1											154	154	182	150
58/ 57	.4	2.3	1.8	1.0	.9	.7	.0											154	154	141	138
56/ 55	.2	2.3	1.9	.8	.8	.2	.1											136	137	174	136
54/ 53	.1	1.5	1.1	.8	.5	.0	.0											86	86	177	150
52/ 51	.3	1.3	1.6	.3	.1													76	76	152	157
50/ 49	.2	.3	.4	.2														25	25	112	142
48/ 47	.1	.7	.6	.3														35	35	86	95
46/ 45	.0	.5	.4	.1														23	23	46	87
44/ 43		.2	.3															11	11	28	90
42/ 41			.0															1	1	19	73
40/ 39			.1															3	3	4	49
38/ 37																				3	36
36/ 35																				1	25
34/ 33																					12
32/ 29																					2
28/ 27																					1
TOTAL	5.4	26.1	25.2	16.7	10.2	6.6	5.4	2.7	1.2	.4	.1							2129	2131	2129	2129
																		2129		2129	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12981760	162682	76.4	16.089	2129							
Dry Bulb	8880138	136544	64.1	7.844	2131			38.0	13.4	.6		90
Wet Bulb	7600616	126198	59.3	7.514	2129			19.9	.0			90
Dew Point	6829119	119003	55.9	9.128	2129		.1	11.9				90

USAFETAC FORM 0-26-5 (OL A) JUL 61 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 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.	Dr Bulb	Wet Bulb	Dew Point
86/ 85								.0	.1									4	4		
84/ 83						.0		.0	.1			.0						6	6		
82/ 81					.0	.3	.0	.1	.0	.0								14	14		
80/ 79				.0	.3	.3	.3	.3	.0	.2								37	37		
78/ 77			.2	.6	1.1	.3	.2	.3	.1	.0								71	71		
76/ 75			.7	1.5	.9	.6	.5	.4	.2	.1	.0		.0					128	128		
74/ 73	.0	.6	2.6	1.8	.7	.6	.5	.3	.3	.1								195	195	12	1
72/ 71		1.8	2.9	1.4	.8	.4	.4	.3	.1	.1	.0							216	216	95	20
70/ 69	.4	2.7	2.6	1.1	1.0	.5	.3	.4	.1	.0	.0							339	239	240	117
68/ 67	1.2	2.5	2.2	1.1	1.1	.6	.2	.1	.1					~~.0~~				236	236	274	247
66/ 65	.9	2.2	1.8	1.4	1.0	.4	.5	.3	.0									223	223	238	238
64/ 63	.7	2.3	2.2	1.5	.8	.7	.2	.1	.0									218	218	195	202
62/ 61	.6	2.0	1.7	1.3	.7	.6	.4	.2										193	193	222	184
60/ 59	.5	1.8	1.6	1.9	.9	.4	.3											192	192	228	160
58/ 57	.7	2.2	1.8	.9	.8	.6	.2											184	184	203	191
56/ 55	.1	1.6	1.6	1.2	.4	.2												136	136	189	187
54/ 53	.2	1.3	1.1	.8	.3	.1												99	99	197	178
52/ 51	.2	1.2	1.2	.7	.2													86	86	153	176
50/ 49	.1	.8	.6	.3	.0													49	49	143	155
48/ 47	.1	.5	.5	.2														34	34	98	125
46/ 45		.5	.2	.1														19	19	58	113
44/ 43	.0	.2	.2	.0														13	13	26	85
42/ 41	.0	.0	.1	.1														6	6	18	79
40/ 39			.0															1	1	5	70
38/ 37		.1																2	2	4	28
36/ 35																				3	27
34/ 33																					9
32/ 31																					2
30/ 29																					5
~~0/ 5~~																					~~1~~
TOTAL	5.8	24.3	25.7	17.8	11.0	6.7	4.0	2.8	1.2	.5	.1	.0	.0	~~.0~~				2601	2601		2600
																		2601		2601	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel Hum	15827870	198688	76.4	15.678	2599
Dry Bulb	11005802	167885	64.5	8.073	2601
Wet Bulb	9422694	155312	59.7	7.561	2601
Dew Point	8472169	146537	56.4	9.039	2600

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
			39.7	15.7	1.3		90
			21.5	.4			90
		.3	13.3	.0			90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0						1	1		
98/ 97																.0		1	1		
96/ 95											.1		.1				.0	6	6		
94/ 93									.0	.2		.2	.1	.1	.1	.0		22	22		
92/ 91								.1	.1	.4	.3	.3	.1	.1	.0	.0		40	40		
90/ 89							.0	.2	.7	.4	.3	.3	.3	.1	.1			67	67		
88/ 87							.4	.9	.5	.4	.4	.3	.2	.2	.1			97	97		
86/ 85						.3	1.5	.9	.5	.3	.5	.3	.1	.1				126	126		
84/ 83				.0	.1	1.5	1.3	.9	.4	.7	.3	.2	.1	.1				156	156		
82/ 81				.3	.8	1.8	1.1	.4	.7	.8	.5	.2	.1	.0				182	182		
80/ 79			.1	.8	1.6	1.8	.8	.3	.5	.4	.2	.1						186	186		
78/ 77			.3	1.1	1.3	1.0	.8	.9	.8	.3	.4	.2						194	194	9	
76/ 75		.1	.6	1.6	1.5	.9	1.0	.7	.5	.3	.1							203	203	70	2
74/ 73		.4	.9	1.6	1.0	.9	1.0	.5	.6	.4	.1	.0						206	206	217	14
72/ 71		.8	1.0	1.4	1.0	1.3	1.1	.5	.5	.1		.0						215	215	280	70
70/ 69	.1	.9	1.3	1.2	.8	1.3	.8	.6	.6	.1	.1							220	220	266	212
68/ 67	.3	.7	1.0	.8	1.4	.9	.5	.5	.1		.0							173	173	254	295
66/ 65	.2	1.0	1.0	1.4	.9	.6	.4	.3	.1	.0								168	168	260	235
64/ 63	.2	1.1	.6	.9	.7	.4	.3	.2										123	123	274	227
62/ 61	.2	.6	.8	.7	.4	.5	.3	.1										100	100	239	194
60/ 59	.3	.7	.8	.6	.4	.5	.2											94	94	250	172
58/ 57	.1	.4	.5	.4	.4	.3	.1											61	61	171	184
56/ 55	.1	.1	.5	.5	.4	.1												46	46	155	207
54/ 53	.2	.4	.2	.3	.3	.1												40	40	104	188
52/ 51	.1	.3	.2	.1	.1													21	21	85	163
50/ 49	.2	.2	.1		.0													16	16	69	134
48/ 47		.1			.1													4	4	46	109
46/ 45	.0	.1																4	4	14	75
44/ 43		.1		.0														4	4	9	99
42/ 41				.0														1	1	2	74
40/ 39																				1	57
38/ 37																				1	28
36/ 35																				1	16
34/ 33																					12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31																					4
30/ 29																					2
28/ 27																					2
26/ 25																					1
22/ 21																					1
TOTAL	1.9	8.0	10.0	13.8	13.0	14.2	11.7	8.0	6.6	4.8	3.2	2.2	1.3	.8	.3	.1	.0		2777		2777
																		2777		2777	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11429544	170594	61.4	18.497	2777							
Dry Bulb	15165051	203449	73.3	9.677	2777			67.9	48.2	25.6	1.0	90
Wet Bulb	11402197	176803	63.7	7.245	2777			35.5	9.6			90
Dew Point	9510233	160499	57.8	9.182	2777		.3	19.2	.5			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
104/103																	.1	2	2		
102/101														.0	.2	.0	.1	12	12		
100/ 99													.2	.1	.2		.3	21	21		
98/ 97										.0	.0	.1	.4	.4	.3	.3	.3	52	52		
96/ 95									.0	.1	.6	.6	.9	.6	.4	.4	.2	107	107		
94/ 93									.1	.6	1.0	.8	.4	.7	.3	.3	.1	120	120		
92/ 91								.1	.6	1.5	1.5	.5	.4	.3	.5	.1		153	153		
90/ 89							.1	.9	1.3	1.4	.5	.7	.4	.6	.4	.2		183	183		
88/ 87					.0	.0	.6	1.1	1.1	.8	.4	.6	.5	.2	.2	.0		155	155		
86/ 85					.1	.5	1.2	1.0	.8	.8	.8	.4	.5	.4				177	177		
84/ 83				.0	.3	.9	1.3	1.2	.6	.5	.8	.6	.3	.1				181	181		
82/ 81				.2	.7	1.2	1.1	1.2	.5	.5	.7	.3	.3	.0				188	188	1	
80/ 79			.0	.3	1.1	1.3	1.3	.9	1.1	.9	.5	.3	.3					222	222	2	1
78/ 77			.1	.7	.8	.9	.9	1.3	1.0	.6	.4	.3	.0					196	196	23	
76/ 75		.0	.2	.8	.8	.6	.9	1.1	.9	.6	.5	.1	.1					186	186	178	3
74/ 73		.1	.5	.9	.4	.7	1.2	.8	.6	.4	.2	.1	.1					171	171	298	23
72/ 71		.2	.5	.6	.7	.7	.6	.4	.4	.4	.1	.0						128	128	315	67
70/ 69	.1	.3	.5	.3	.7	.6	.7	.5	.2	.2								114	114	287	181
68/ 67	.1	.6	.5	.4	.3	.6	.4	.1	.4	.0								99	99	288	234
66/ 65	.1	.4	.5	.3	.1	.3	.3	.3	.1									75	75	239	277
64/ 63		.5	.3	.3	.3	.4	.4	.2										65	65	281	257
62/ 61	.0	.4	.4	.3	.3	.3	.2	.1										53	53	237	188
60/ 59	.1	.3	.4	.2	.3	.1	.1											43	43	189	167
58/ 57	.0	.3	.1	.1	.1	.2	.1											25	25	139	167
56/ 55		.1	.3	.1	.3	.1												23	23	109	200
54/ 53	.0	.5	.0	.1	.1													19	19	74	186
52/ 51	.1	.1		.0														5	5	69	167
50/ 49	.1	.1				.1												9	9	28	152
48/ 47																				20	100
46/ 45	.0	.1																3	3	7	109
44/ 43		.1																3	3	3	86
42/ 41																				1	60
40/ 39																				2	66
38/ 37																					45

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP 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
36/ 35																					32
34/ 33																					9
32/ 31																					5
30/ 29																					4
28/ 27																					1
24/ 23																					1
22/ 21																					2
TOTAL	.8	4.1	4.4	5.7	7.7	9.6	11.2	11.1	9.9	9.5	7.8	5.3	4.6	3.5	2.4	1.4	1.0		2790		2790
																		2790		2790	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	7984216	139648	50.1	18.882	2790							
Dry Bulb	18020362	222288	79.7	10.543	2790			79.6	68.6	47.1	10.1	90
Wet Bulb	12146541	183083	65.6	6.891	2790			44.9	16.2	.1		90
Dew Point	9420064	159966	57.3	9.436	2790		.4	16.4	.9			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP 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
106/105																	.1	2	2		
104/103															.0	.0	.1	4	4		
102/101														.2	.3	.1	.2	21	21		
100/ 99												.0	.0	.2	.3	.3	.4	34	34		
98/ 97										.0	.1	.4	.3	.4	.5	.3	.5	71	71		
96/ 95											.4	.8	.8	.8	.7	.6	.3	122	122		
94/ 93									.1	.3	.9	1.0	.3	.8	.2	.6	.0	116	116		
92/ 91									.5	1.5	1.8	1.0	.3	.7	.6	.3	.0	183	183		
90/ 89						.0	.1	.5	1.2	1.4	1.2	.6	.6	.4	.5	.1		185	185		
88/ 87					.0	.0	.4	.9	1.5	1.1	.8	.4	.5	.4	.2			170	170		
86/ 85		.0				.7	.8	1.2	1.1	.8	.6	.6	.7	.4	.1			193	193		
84/ 83					.1	.7	1.2	1.1	.8	.8	1.0	.7	.3	.1				186	186	1	
82/ 81				.1	.4	.8	1.1	1.1	.9	1.0	.8	.5	.4	.1	.0			195	195		
80/ 79				.4	.9	.9	1.0	1.0	.7	1.2	.8	.3	.1					199	199	3	
78/ 77			.1	.4	.7	.7	.5	1.5	1.1	.7	.6	.4	.0					182	182	21	2
76/ 75			.3	.7	.8	.4	.8	1.2	.6	1.0	.3	.3	.1					175	175	138	
74/ 73		.0	.4	1.0	.5	.7	.8	.9	.3	.1	.2	.2	.0					141	141	270	10
72/ 71	.0	.1	.3	.3	.2	.5	.6	.4	.3	.4								86	86	334	55
70/ 69	.1	.5	.4	.7	.3	.4	.5	.5	.3	.2								108	108	307	140
68/ 67	.2	.2	.2	.3	.5	.3	.1	.3	.5	.1								74	74	292	184
66/ 65	.1	.4	.3	.4	.4	.1	.3	.4	.1									70	70	220	260
64/ 63	.1	.5	.6	.3	.5	.3	.1											64	64	302	243
62/ 61	.1	.1	.1	.1	.1	.1	.2	.0										23	23	240	222
60/ 59	.1	.1	.6	.3	.4	.1	.3											51	51	189	174
58/ 57		.2	.4	.0	.1	.2	.0											27	27	139	166
56/ 55	.1	.2	.2	.2	.0	.1												21	21	86	186
54/ 53	.1	.1			.0													8	8	74	176
52/ 51		.2				.0	.0											8	8	59	185
50/ 49		.0	.1			.0												4	4	30	145
48/ 47																				13	106
46/ 45		.1																3	3	5	128
44/ 43		.1																3	3	3	98
42/ 41																				3	63
40/ 39																					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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37																					59
36/ 35																					37
34/ 33																					18
32/ 31																					7
30/ 29																					4
28/ 27																					3
26/ 25																					1
TOTAL	.8	3.1	3.9	5.1	5.9	7.3	8.9	11.1	9.9	10.6	9.4	7.2	4.6	4.6	3.6	2.5	1.5		2729		2729
																		2729		2729	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6981175	127915	46.9	18.989	2728							
Dry Bulb	18197125	220969	81.0	10.576	2729			80.7	71.9	52.3	12.2	90
Wet Bulb	11873448	179090	65.6	6.652	2729			45.0	14.3	.1		90
Dew Point	8937833	154027	56.4	9.466	2729		.5	12.9	.4			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B	Dry Bulb	Wet Bulb	Dew Point
102/101														.0	.0			2	2		
100/ 99														.0				1	1		
98/ 97													.0	.0		.1		4	4		
96/ 95										.0	.0	.1	.1	.1	.3	.1	.0	20	20		
94/ 93									.0	.0	.2	.4	.3	.2	.1		.1	31	31		
92/ 91									.2	.3	.5	.3	.3	.3	.3	.1		52	52		
90/ 89							.0	.2	.4	.9	.6	.5	.6	.3		.0		84	84		
88/ 87							.0	.7	1.1	.7	.4	.3	.4	.4	.2			101	101		
86/ 85						.1	.7	1.1	.9	.3	.8	.7	.2	.1	.0			120	120		
84/ 83					.3	.6	.8	1.1	.9	.6	.7	.5	.4	.1				144	144		
82/ 81				.0	.6	.7	1.5	1.2	.4	1.0	.5	.6	.2					161	161		
80/ 79		.0	.0	.5	.9	1.3	.8	.6	.8	.7	.7	.3	.1	.0				165	165	1	
78/ 77			.5	.9	1.1	1.1	1.1	1.2	.6	.8	.6	.3						199	199	5	1
76/ 75			.3	1.4	1.3	1.1	.8	.9	.6	.8	.6	.2						189	189	37	1
74/ 73		.1	.9	.7	1.1	1.2	1.0	1.1	.6	.6	.1							173	173	126	10
72/ 71		.4	1.4	1.1	1.2	1.1	1.0	.7	.6	.6	.3	.0						196	196	222	42
70/ 69	.1	.7	.7	.4	.9	1.2	.8	.5	.5	.2								141	141	260	105
68/ 67	.2	.6	1.1	.9	1.1	1.1	.6	.4	.4	.0	.0							152	152	238	166
66/ 65	.0	.5	.6	.7	1.0	.6	.3	.3	.3	.0								101	101	246	193
64/ 63	.4	.6	.8	.8	.6	.6	.3	.3										99	99	231	196
62/ 61	.3	.4	.5	.6	.4	.3	.3	.1										67	67	223	208
60/ 59	.1	.2	.3	.5	.4	.4	.3											53	53	231	141
58/ 57		.4	.3	.4	.3	.3												41	41	168	151
56/ 53		.3	.3	.2	.1	.2	.0											26	26	128	191
54/ 53	.2	.0	.0	.2		.0	.0											12	12	95	173
52/ 51	.1	.1			.1													7	7	66	154
50/ 49	.1		.0	.1		.0												8	8	37	115
48/ 47			.0	.1														3	3	24	118
46/ 45		.1			.0													4	4	5	103
44/ 43		.1																3	3	10	62
42/ 41																				4	72
40/ 39																				2	64
38/ 37																					43
36/ 35																					21

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 30 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,49-75 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					18
32/ 31																					6
30/ 29																					2
26/ 25																					2
22/ 21																					1
TOTAL	1.5	4.5	7.8	9.7	11.5	11.8	10.6	10.2	8.6	7.6	6.1	4.3	2.7	1.7	.9	.3	.1		2359		2359
																		2359		2359	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8077893	130197	55.2	19.451	2359							
Dry Bulb	13561335	177445	75.2	9.523	2359			73.8	55.2	31.0	2.2	90
Wet Bulb	9631356	149894	63.5	6.733	2359			33.9	6.4			90
Dew Point	7660507	132627	56.2	9.301	2359		.4	12.4	.5			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,49-75 YEARS — SEP 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
92/ 91											.0							1	1		
88/ 87								.1	.0	.1								6	6		
86/ 85							.0	.2	.2	.1	.2	.1	.0					19	19		
84/ 83						.3	.4	.3	.1	.3	.3	.2	.1					44	44		
82/ 81					.4	1.0	1.0	.4	.5	.5	.5	.1						90	90		
80/ 79				.3	.8	1.7	1.0	.5	.8	.9	.3	.2	.0					135	135		
78/ 77		.0	.3	.9	1.3	1.3	.7	.6	.7	.5	.2	.2						143	143		
76/ 75		.1	1.2	1.2	1.5	1.4	.8	.8	.7	.4	.3	.2						177	177	1	
74/ 73		.3	1.0	1.3	1.0	.9	.7	.4	.7	.3	.2							142	143	52	2
72/ 71		.9	2.2	1.0	1.3	.6	.7	.8	.7	.2	.0							174	174	121	37
70/ 69	.1	2.0	1.8	1.7	1.8	.8	.4	.9	.5	.3	.0							211	211	190	85
68/ 67	.4	1.7	1.2	1.1	.8	.7	.8	.7	.3	.1								161	161	191	152
66/ 65	.1	1.1	.6	1.7	1.7	1.1	.9	.7	.1									163	163	193	175
64/ 63	.3	1.1	.6	1.8	.5	.8	.7	.2		.0								124	124	197	161
62/ 61	.2	1.4	1.3	1.6	.8	.9	.6	.3										138	138	181	151
60/ 59	.0	.6	1.6	.8	.6	.3	.2	.0	.0									88	88	189	126
58/ 57	.0	.5	.8	1.0	.5	.2	.1											67	67	169	120
56/ 55	.0	.6	.8	.6	.3	.2												58	58	162	148
54/ 53	.0	.1	.0	.1	.5	.1												19	19	125	167
52/ 51	.1	.5	.0	.1	.2													19	19	109	106
50/ 49	.1	.1	.0	.1	.0													9	9	56	103
48/ 47				.3														4	4	31	112
46/ 45		.1		.1														5	5	18	87
44/ 43		.1		.0														4	4	6	74
42/ 41																				7	55
40/ 39																				2	58
38/ 37																				1	38
36/ 35																					21
34/ 33																					14
32/ 31																					6
28/ 27																					1
26/ 25																					2
TOTAL	1.6	11.6	13.5	15.9	14.5	12.7	9.5	7.1	5.6	4.1	2.3	1.1	.2					2001	2002	2001	2001

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.	9057220	129338	64.6	18.671	2001							
Dry Bulb	9828495	139347	69.6	8.042	2002			58.6	34.1	10.4		90
Wet Bulb	7648802	122938	61.4	6.917	2001			25.0	2.4			90
Dew Point	6441654	111982	56.0	9.351	2001		.4	12.4	.1			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-60,62-63,69,73-75 (YEARS) OCT (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
80/ 79						.1												2	2		
78/ 77				.1	.1	.1												4	4		
76/ 75			.1	.1	.1	.3	.1	.1										13	13		
74/ 73		.3	.1	.1	.3	.2	.1	.1	.2									24	24		
72/ 71		.2	.4	.3	.3	.2	.3	.1	.1									33	33	11	4
70/ 69		.8	.6	.4	.3	.4	.5	.7	.3	.1								74	74	15	11
68/ 67	.1	1.1	.8	1.1	1.3	.7	.4	.7	.1	.1								115	115	37	19
66/ 65	.3	1.2	1.3	1.1	1.1	.9	.7	.4	.2									127	127	48	38
64/ 63	.2	1.6	1.1	1.6	.7	.9	.3	.1	.1									119	119	59	44
62/ 61	.5	1.7	1.0	1.5	1.2	.7	.2	.2	.2									131	131	109	63
60/ 59	.6	2.4	1.3	2.0	1.2	.7	.1	.6	.2									163	163	112	81
58/ 57	.7	2.2	2.0	1.8	1.3	.4	.1	.3										159	159	164	90
56/ 55	.4	2.6	1.7	1.7	1.2	.8	.3	.1										160	160	169	124
54/ 53	.6	1.6	2.0	1.7	1.1	.6	.1	.1										140	140	173	143
52/ 51	.7	1.1	2.3	1.6	1.1	.1	.2											129	131	157	124
50/ 49	.3	1.5	1.7	1.8	.8	.6	.1											121	122	146	119
48/ 47	.2	1.1	1.4	1.1	.5	.2	.3											85	86	127	117
46/ 45	.1	.7	1.4	.8	.2	.2												62	63	134	140
44/ 43	.1	.7	.8	.4	.2													38	39	97	137
42/ 41		.7	.7	.5	.3													39	39	70	103
40/ 39		.4	.4	.5	.2													27	27	58	95
38/ 37	.2	.2	.3	.1	.1													14	14	49	64
36/ 35		.6	.2		.1													15	15	26	66
34/ 33		.1	.2															4	4	26	57
32/ 31			.2															3	3	7	36
30/ 29		.1																1	1	4	37
28/ 27		.2																3	3	5	27
26/ 25	.1	.1																2	2	4	26
24/ 23																					14
22/ 21																					13
20/ 19																					4
18/ 17																					3
16/ 15																					5
14/ 13																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-60,62-63,69,73-75 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.9	22.8	21.9	20.1	13.6	8.2	3.8	3.4	1.2	.1								1807	1813	1807	1807

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7896399	129907	72.0	17.412	1805							
Dry Bulb	6014637	103219	56.9	8.730	1813		.5	13.6	2.2			93
Wet Bulb	4992638	93766	51.9	8.388	1807		1.0	3.2				93
Dew Point	4236928	85384	47.3	10.586	1807		8.6	1.7				93

USAFETAC FCM JUL 64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (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					.0	.0												2	2		
76/ 75			.0	.0	.1	.1												7	7		
74/ 73		.2	.0	.1	.2	.0												13	13		
72/ 71		.2	.2	.1	.1	.1	.0											19	19	10	5
70/ 69		1.2	.6	.4	.2	.2	.1	.0										62	62	7	6
68/ 67	.2	.8	1.0	.3	.4	.3	.3	.1										74	74	49	28
66/ 65	.2	.7	1.0	1.2	.4	.1	.3	.1	.1	.0								91	91	49	36
64/ 63	.5	1.5	.8	1.2	.6	.5	.5	.0	.0									121	121	61	52
62/ 61	.4	2.3	1.2	1.6	1.3	.8	.4	.1	.0									172	172	83	73
60/ 59	.6	2.1	1.5	1.5	.7	.4	.1	.1										152	152	114	81
58/ 57	1.1	3.1	2.1	1.3	.7	.5	.2	.1										197	197	168	106
56/ 55	.5	2.1	2.0	1.6	.6	.4	.6	.1										167	167	165	128
54/ 53	.6	2.0	2.0	1.7	.7	.4	.1											162	162	189	127
52/ 51	.6	2.4	2.5	2.0	.7	.3	.2											190	190	163	148
50/ 49	.8	2.8	2.2	1.8	.7	.3	.1											191	191	192	166
48/ 47	.0	2.4	1.9	1.8	.6	.1	.0		.0									151	153	173	154
46/ 45	.1	1.5	1.4	.7	.5	.3	.1											99	99	171	140
44/ 43	.2	.9	1.7	.7	.1	.1												82	84	152	151
42/ 41	.1	.6	1.4	.4	.1	.0												57	59	112	143
40/ 39	.1	1.1	1.0	.3	.2													58	58	87	101
38/ 37	.1	.7	.5	.3	.1													37	37	80	106
36/ 35	.0	.5	.7		.2													31	31	53	96
34/ 33	.0	.4	.2	.0														15	15	34	86
32/ 31	.0	.4	.0															10	10	30	68
30/ 29		.1																2	2	14	39
28/ 27		.1																3	3	6	33
26/ 25		.2																4	4	3	38
24/ 23																				4	16
22/ 21																					15
20/ 19																					9
18/ 17																					5
16/ 15																					8
14/ 13																					3
12/ 11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	< 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-70,72-75 (YEARS) OCT (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					1
TOTAL	6.3	30.4	25.9	19.0	9.4	4.9	3.1	.6	.3	.0									2175		2169
																		2169		2169	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13094915	164833	76.0	16.114	2168							
Dry Bulb	6547478	117762	54.1	8.880	2175		.8	7.6	.9			93
Wet Bulb	5618269	108723	50.1	8.814	2169		2.4	2.8				93
Dew Point	4884168	100222	46.2	10.808	2169		10.1	1.7				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 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					.0	.0		.0										3	3		
78/ 77							.0											1	1		
76/ 75		.0	.0	.0	.2	.0		.0										9	9		
74/ 73		.2	.1	.0	.1	.1			.0									14	14	3	1
72/ 71	.0	.2	.5	.3	.3	.0	.0	.0	.0									40	40	7	4
70/ 69		.9	.6	.2	.2	.2	.2	.0	.0					.0				64	64	13	11
68/ 67	.1	1.1	.8	.5	.3	.2	.1	.1		.0								84	84	58	26
66/ 65	.2	.8	1.1	.6	.5	.4	.3											105	105	63	52
64/ 63	.2	1.2	1.4	1.3	.6	.5	.2	.1	.0									146	146	68	62
62/ 61	.3	2.2	1.2	1.0	.6	.6	.2	.2	.2									171	171	100	71
60/ 59	.7	2.7	1.5	1.5	.7	.5	.3	.1	.0									213	213	146	117
58/ 57	.6	2.1	2.1	1.6	1.1	.3	.1	.0	.1									213	213	186	122
56/ 55	.6	2.1	2.2	1.5	.6	.7	.2	.0										211	213	192	151
54/ 53	.4	2.1	2.4	1.7	1.1	.3	.2											217	217	194	123
52/ 51	.6	2.7	2.1	1.6	1.2	.5	.2	.0										240	241	205	184
50/ 49	.3	2.5	1.9	1.6	.9	.3	.1											199	199	247	179
48/ 47	.2	2.5	2.3	1.5	.6	.1	.0											190	191	200	208
46/ 45	.1	1.5	1.7	1.7	.2	.2												146	146	216	178
44/ 43	.1	1.2	1.7	.6	.3	.1	.1											108	108	186	186
42/ 41	.1	1.0	1.6	.5	.1	.0												88	90	164	144
40/ 39	.2	1.1	1.2	.3	.1													75	76	141	156
38/ 37	.2	.7	.8	.2	.1													50	50	95	127
36/ 35		.6	.4	.1	.0													30	30	72	147
34/ 33	.1	.3	.3	.1														24	24	45	111
32/ 31		.3	.1															10	10	25	98
30/ 29	.1	.1	.0															5	5	25	73
28/ 27		.1																2	2	6	45
26/ 25	.0		.0															2	2	2	27
24/ 23	.0	.0																2	2	3	20
22/ 21																					14
20/ 19																					10
18/ 17																					5
16/ 15																					4
14/ 13																					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												

1

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					1
8/ 7																					1
6/ 5																					1
TOTAL	5.1	30.1	28.1	18.6	9.6	5.0	2.3	.7	.4	.0				.0				2669		2662	
																	.2662		2662		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15927068	201692	75.8	15.508	2661							
Dry Bulb	7959668	143782	53.9	8.955	2669		.7	7.5	.9	.1		93
Wet Bulb	6814956	132610	49.8	8.860	2662		2.1	2.8	.1			93
Dew Point	5910134	122148	45.9	10.711	2662		10.6	1.5	.0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT 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
92/ 91											.0							1	1		
90/ 89									.0	.0			.0					3	3		
88/ 87								.0		.1		.1	.1	.1				12	12		
86/ 85							.0		.1	.1		.2	.0	.1				13	13		
84/ 83						.1	.2	.1	.1	.0	.2	.0	.1					22	22		
82/ 81					.1	.1	.2	.0	.3	.2	.2	.1	.0					40	40		
80/ 79				.0	.3	.4	.5	.2	.3	.2	.2	.1	.1					66	66		
78/ 77				.1	.3	.4	.4	.5	.4	.3	.3	.1	.1					81	81		
76/ 75			.1	.2	.9	1.1	.9	.8	.4	.3	.2		.0					143	143	1	
74/ 73			.5	.7	.6	.6	.5	.7	.6	.5	.2	.0						136	136	11	
72/ 71		.1	.4	.6	.8	1.2	1.1	.5	.6	.3	.2	.1						165	166	28	6
70/ 69	.1	.2	.4	1.0	1.0	1.3	.9	.7	.5	.3	.1	.0						187	188	70	23
68/ 67	.1	.2	.7	1.2	1.0	1.1	.8	.7	.5	.2	.1							188	189	103	39
66/ 65		.5	.8	.8	1.2	1.2	.9	.9	.5	.2								199	200	126	79
64/ 63	.2	.8	.8	1.0	1.4	1.2	.9	.8	.4	.1								216	218	195	80
62/ 61	.2	1.3	.8	1.0	1.2	1.0	1.0	.6	.4	.0		.0						218	219	218	116
60/ 59	.2	1.0	.6	.9	1.2	1.0	1.0	.7	.1	.0								188	188	243	157
58/ 57	.2	1.1	.9	1.1	.9	1.0	1.1	.4	.1									190	190	226	167
56/ 55	.2	.9	.7	1.3	1.4	1.3	.4	.2	.0									186	186	248	160
54/ 53	.2	1.3	.7	.9	1.0	.7	.2	.1										147	147	222	190
52/ 51	.1	.6	.7	.9	1.0	.5	.4	.0										117	117	216	194
50/ 49	.1	.5	.9	1.1	.8	.3	.2											109	109	213	181
48/ 47		.3	.5	.9	.4	.3	.0											67	67	185	172
46/ 45		.4	.5	.6	.2	.1												49	49	174	155
44/ 43		.3	.6	.3	.1	.1												39	39	124	165
42/ 41	.0	.4	.2	.3	.1													27	27	106	157
40/ 39		.1	.0	.1														9	9	60	158
38/ 37		.0		.1														3	3	32	134
36/ 35		.1	.1	.0														6	6	16	144
34/ 33		.1																3	3	7	107
32/ 31		.0																1	1	6	68
30/ 29																				1	49
28/ 27																					49
26/ 25																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					17
22/ 21																					20
20/ 19																					9
18/ 17																					5
16/ 15																					3
14/ 13																					2
12/ 11																					1
6/ 5																					1
TOTAL	1.6	10.3	11.0	15.2	15.8	14.9	11.6	8.1	5.3	2.8	1.8	.9	.4	.2				2831	2838	2831	2831

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11241800	170044	60.1	19.060	2831							
Dry Bulb	11540623	178797	63.0	9.867	2830		.0	34.7	16.9	4.0		93
Wet Bulb	8636127	154589	54.6	8.294	2831		.2	7.0	.4			93
Dew Point	6737316	134574	47.5	10.965	2831		8.1	2.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B. T.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																.0		1	1		
96/ 95												.1			.0		.0	4	4		
94/ 93											.0	.1		.1	.1	.2	.2	18	18		
92/ 91										.0	.1	.1	.1	.3	.2	.2		29	29		
90/ 89								.1	.1	.1	.1	.2	.4	.2	.4			46	46		
88/ 87							.0	.1	.2	.2	.2	.4	.2	.2	.2			53	53		
86/ 85						.1	.1	.2	.6	.4	.9	.5	.4	.3				101	101		
84/ 83						.1	.4	.4	.4	.9	.8	.5	.4	.4	.1			125	125		
82/ 81					.0	.3	.7	.5	.8	1.0	.5	.6	.3	.2				142	142		
80/ 79				.1	.1	.5	.8	1.1	1.3	1.0	.7	.6	.2	.0				182	182		
78/ 77				.1	.2	.8	.9	1.1	.8	1.1	.6	.5	.1	.1				179	179		
76/ 75			.1	.1	.6	.9	.8	.7	.6	1.1	.5	.4	.1	.0				173	175	9	
74/ 73			.2	.4	.5	1.1	1.0	.7	1.0	.7	.5	.2	.2					186	189	23	1
72/ 71			.2	.4	.6	.6	.9	1.2	1.2	.5	.4	.1	.0					171	172	60	3
70/ 69		.1	.3	.4	.5	.8	.8	.9	.8	.9	.2	.1						170	170	102	27
68/ 67		.2	.8	.5	.4	.9	1.0	1.0	.6	.8	.1	.0						182	182	154	32
66/ 65	.2	.3	.6	.4	.6	.8	.6	.9	.9	.5	.2							171	171	249	78
64/ 63	.1	.6	.5	.5	.6	.5	1.2	.8	.9	.2	.1							167	168	285	104
62/ 61		.5	.4	.4	.7	.6	.8	.7	.8	.2								143	143	244	140
60/ 59	.1	.8	.4	.4	.7	.8	.8	.6	.3	.1								143	143	238	144
58/ 57	.1	.5	.5	.4	.5	.7	.6	.4	.1	.1								112	112	272	162
56/ 55		.5	.2	.5	.5	.5	.6	.1	.1									86	86	199	167
54/ 53	.1	.5	.2	.4	.4	.5	.3	.1										69	69	199	206
52/ 51	.1	.4	.3	.3	.4	.2	.1	.0										54	54	180	188
50/ 49	.0	.2	.5	.3	.4	.1	.0											46	46	195	158
48/ 47		.1	.4	.1	.3	.1												29	29	130	161
46/ 45		.4	.1	.1	.1	.1												20	20	117	167
44/ 43		.2	.0	.0	.1													10	10	80	164
42/ 41		.2	.0	.0	.1													10	10	49	165
40/ 39		.1	.1	.1														7	7	26	158
38/ 37			.1															3	3	10	122
36/ 35		.1																3	3	5	96
34/ 33																				9	98
32/ 31																					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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
30/ 29																						68
28/ 27																						39
26/ 25																						34
24/ 23																						22
22/ 21																						14
20/ 19																						18
18/ 17																						9
16/ 15																						2
14/ 13																						3
12/ 11																						2
8/ 7																						1
TOTAL	.9	5.7	6.0	5.7	8.1	11.3	12.5	11.6	11.6	9.8	6.1	4.5	2.6	1.9	1.0	.4	.2			2842		2835
																			2835		2835	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7902746	138530	48.9	20.000	2835							
Dry Bulb	14257505	198843	70.0	11.024	2842			57.9	40.7	20.0	.8	93
Wet Bulb	9540705	162885	57.5	8.017	2835			11.4	1.0			93
Dew Point	6789594	135018	47.6	11.260	2835		9.6	2.1	.0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.0	1	1		
96/ 95												.1			.0	.1	.1	9	9		
94/ 93											.1	.1	.0		.1	.3	.1	19	19		
92/ 91										.1	.1	.2	.1	.1	.2	.4		33	33		
90/ 89								.0	.1	.1	.3	.4	.4	.4	.4	.1		61	61		
88/ 87								.1	.2	.2	.5	.4	.4	.3	.3			65	65		
86/ 85							.3	.4	.3	.3	.6	.6	.5	.4	.1			95	95		
84/ 83						.1	.4	.5	.5	.6	1.0	.6	.5	.4	.1			131	131		
82/ 81						.0	.6	.7	1.1	1.1	.7	.7	.6	.1				156	156		
80/ 79				.0	.0	.4	.8	1.0	1.1	1.1	.7	.7	.4	.1				172	172		
78/ 77				.1	.1	.7	.9	1.0	1.0	1.1	.7	.8	.2	.0				187	187		
76/ 75			.0	.3	.3	.8	1.0	.8	1.0	1.1	.8	.3	.2	.1				188	189	4	
74/ 73		.0	.1	.3	.4	.9	.7	.8	1.2	1.0	.8	.4	.1					184	185	26	
72/ 71		.0	.1	.5	.2	.5	1.0	1.1	.9	.6	.4		.0					152	153	55	3
70/ 69	.0	.3	.4	.5	.7	.8	.9	.5	1.0	.9	.8	.1						193	193	92	17
68/ 67	.0	.1	.5	.7	.5	.8	1.0	.8	.7	.6	.2	.0						166	166	153	37
66/ 65	.1	.5	.7	.4	.5	.5	.8	.7	1.1	.5	.1							165	166	231	77
64/ 63	.1	.1	.4	.5	.5	.9	.8	.9	1.1	.4	.1							157	157	289	88
62/ 61	.0	.4	.4	.3	.6	.6	.7	.6	.9	.3								132	132	252	116
60/ 59	.1	.6	.9	.4	.6	.7	.6	.4	.3	.2								134	134	263	129
58/ 57	.1	.5	.2	.1	.4	.5	.6	.6	.1	.1								90	90	258	175
56/ 55	.2	.5	.1	.3	.2	.6	.4	.4										72	72	234	162
54/ 53	.1	.3	.3	.4	.3	.5	.1	.1	.0									58	58	175	189
52/ 51	.1	.2	.5	.3	.4	.1	.1											50	50	170	164
50/ 49	.1	.4	.2	.4	.1	.1	.0											39	39	168	169
48/ 47		.1	.3	.3	.3	.1	.0											31	31	139	187
46/ 45		.4	.1	.2														19	19	119	161
44/ 43		.3		.1														10	10	77	162
42/ 41		.2	.1	.0	.1													10	10	39	167
40/ 39		.1		.0	.0													4	4	26	149
38/ 37																				8	127
36/ 35	.0	.1																5	5	3	114
34/ 33		.0																1	1	7	83
32/ 31																				1	78

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT 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
30/ 29																					83
28/ 27																					45
26/ 25																					37
24/ 23																					18
22/ 21																					20
20/ 19																					9
18/ 17																					9
16/ 15																					6
14/ 13																					4
12/ 11																					1
10/ 9																					3
TOTAL	1.0	5.1	5.4	6.2	6.1	9.6	11.8	11.3	12.6	10.2	7.8	5.2	3.5	1.8	1.3	.8	.3		2793		2789
																		2789		2789	

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.	7301912	131148	47.0	20.176	2789							
Dry Bulb	14316552	197560	70.7	11.072	2793			60.4	43.4	21.7	1.0	93
Wet Bulb	9403547	160463	57.5	7.841	2789		.0	11.0	1.0			93
Dew Point	6545454	131428	47.1	11.238	2789		10.4	1.9				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | OCT MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.0		.0		.1				4	4		
88/ 87											.1	.0		.0				4	4		
86/ 85							.0	.0	.0	.2	.2	.1	.2	.0				21	21		
84/ 83							.1	.1	.0	.2	.2	.2	.2					22	22		
82/ 81					.1	.0	.2	.2	.2	.2	.2	.1	.1					36	36		
80/ 79				.1	.1	.1	.4	.6	.5	.3	.5	.1	.0					66	66		
78/ 77				.2	.2	.3	.5	.4	.6	.4	.4	.1						75	75		
76/ 75			.2	.3	.7	.9	.9	.4	.4	.2	.4	.0	.0					109	109		
74/ 73		.0	.2	.5	.5	.7	1.0	.7	.5	.7	.2	.1						124	124	6	
72/ 71	.0	.2	.2	.5	1.0	1.0	1.1	.9	.8	.5	.1	.0						158	158	20	8
70/ 69	.0	.3	.9	.7	1.0	1.5	1.0	.9	.5	.3	.2							178	178	52	15
68/ 67	.2	.4	.7	.9	1.5	1.6	.7	.9	.5	.4	.1							189	189	90	27
66/ 65	.2	.7	1.0	1.1	1.0	1.3	.7	.5	.7	.1	.0							181	181	128	58
64/ 63	.1	.9	1.0	1.0	1.3	1.2	1.0	.9	.5	.0								193	193	162	79
62/ 61		.6	.7	1.1	1.2	.8	.9	.8	.4	.0								157	157	195	83
60/ 59	.1	1.3	.7	1.3	1.3	1.2	1.0	.7	.2									185	187	214	137
58/ 57		1.0	.9	1.2	1.0	.9	.7	.5	.2									153	154	226	141
56/ 55	.4	1.0	.5	1.0	1.2	1.3	.7	.2										152	152	228	158
54/ 53	.1	.4	.5	1.0	.7	.6	.7	.1										98	98	195	153
52/ 51	.2	.2	.9	.7	.5	.5	.4	.0										85	85	169	181
50/ 49	.0	.4	1.2	.5	.3	.5	.2											79	79	169	152
48/ 47		.2	.7	.5	.3	.2	.0											50	50	164	142
46/ 45		.5	.7	.5	.2	.1												47	47	130	146
44/ 43		.2	.2	.2	.0	.0												17	17	103	143
42/ 41		.2	.2	.1														14	14	70	152
40/ 39		.0	.1	.0	.0													5	5	48	138
38/ 37			.1	.1														4	4	25	94
36/ 35		.0	.0															2	2	6	95
34/ 33		.1	.1															5	5	7	82
32/ 31		.0	.0															2	2	6	71
30/ 29																				2	51
28/ 27																					43
26/ 25																					27
24/ 23																					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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | OCT 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
22/ 21																					5
20/ 19																					10
18/ 17																					10
14/ 13																					1
TOTAL	1.3	8.9	11.6	13.6	14.7	14.9	12.2	8.9	6.1	3.8	2.5	1.0	.5	.2				2415	2418	2415	2415

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9136170	141180	58.5	19.091	2414							
Dry Bulb	10074440	154314	63.8	9.676	2418		.1	37.9	17.7	4.7		93
Wet Bulb	7450582	132724	55.0	8.047	2415		.3	6.5	.2			93
Dew Point	5741674	114838	47.6	10.787	2415		8.9	1.9				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT 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
84/ 83											.1							1	1		
82/ 81							.1	.1										2	2		
80/ 79					.1	.3	.2				.1							10	10		
78/ 77			.1	.1	.2	.2	.1	.1	.2	.1	.1	.1						21	21		
76/ 75			.3		.5	.3	.5	.5	.3	.3	.1							51	51		
74/ 73		.2	.1	.2	.6	.3	.2	.3	.4	.3	.1							49	49	1	
72/ 71	.1	.3	.4	.6	.9	.3	.6	.4	.7	.2								84	84	19	8
70/ 69	.1	.6	.5	.8	1.2	1.2	.6	.5	.2	.1								110	110	14	12
68/ 67	.1	1.3	.7	.6	1.3	1.2	.9	.7	.2	.1	.1							137	137	56	23
66/ 65	.2	.7	1.0	1.4	1.8	1.2	.8	.2	.4	.2								155	155	69	41
64/ 63	.3	1.3	1.4	1.2	.8	1.1	.4	.3	.2	.1								139	139	85	61
62/ 61	.1	1.5	1.6	1.8	1.7	1.1	.5	.5	.3									178	178	123	61
60/ 59	.2	1.4	1.3	1.9	1.7	1.2	.5	.5	.1									170	170	171	85
58/ 57	.3	1.6	1.7	1.7	1.1	.9	.5	.4	.1									163	164	177	112
56/ 55	.8	1.3	1.4	1.6	1.7	1.1	.5	.2										166	166	216	146
54/ 53	.5	1.1	1.2	1.6	1.0	.8	.2	.1										126	126	169	142
52/ 51	.1	.7	1.2	1.7	.7	.5	.3	.1										102	103	153	145
50/ 49	.1	.6	1.5	1.5	.6	.5	.1											98	99	141	118
48/ 47	.1	.6	1.6	.7	.8	.3	.2											83	83	149	144
46/ 45		.5	1.0	.5	.4	.3												51	51	145	133
44/ 43		.3	1.1	.4	.3	.1												42	42	95	119
42/ 41		.4	.6	.2	.1	.1												24	24	66	141
40/ 39		.3	.2	.3	.1													15	15	66	106
38/ 37		.2	.2															7	7	39	82
36/ 35		.1	.1															2	2	22	72
34/ 33		.2	.1															5	5	8	67
32/ 31		.1	.1															3	3	7	49
30/ 29		.2																4	4	3	42
28/ 27																				4	33
26/ 25																					17
24/ 23																					11
22/ 21																					7
20/ 19																					11
18/ 17																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-70,72-75 YEARS | OCT MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					1
14/ 13																					3
TOTAL	2.6	15.0	18.8	18.4	17.2	12.4	6.9	4.3	2.7	1.3	.4	.1						1998	2001	1998	1998

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	9495403	132981	66.6	17.966	1998							
Dry Bulb	7243753	119057	59.5	8.945	2001		.3	21.8	6.2	.4		93
Wet Bulb	5758800	106010	53.1	8.195	1998		.7	4.2	.0			93
Dew Point	4712552	94700	47.4	10.591	1998		8.4	2.0				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-59,62,72-75 YEARS | NOV MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1		.2												4	4		
70/ 69				.1	.1	.2	.1											7	7		
68/ 67		.2			.2	.2												10	10	2	
66/ 65		.2	.2	.2	.2	.1												15	15	3	3
64/ 63		.8	.9	.5	.2	.1												43	43	6	3
62/ 61	.2	.6	.2	.2	.1	.1		.1										28	28	30	16
60/ 59	.1	.5	.6	.2	.4	.2	.1											35	35	44	21
58/ 57		.5	.5	.4	.4	.2	.1											37	37	27	21
56/ 55	.2	1.3	.6	.3	.4	.5	.2											61	61	41	39
54/ 53	.1	1.3	.8	.6	.5	.4	.1											64	64	35	46
52/ 51	.6	.5	1.0	1.0	.7	.1	.1											69	69	52	39
50/ 49	.4	1.5	1.2	2.0	1.3	.9	.1											125	125	47	43
48/ 47	.7	1.6	1.8	1.9	1.1	.7												133	133	87	40
46/ 45	.6	1.4	1.9	1.5	.9	.2												112	112	101	60
44/ 43	.5	2.5	2.2	1.2	.6	.2												121	121	129	64
42/ 41	.5	2.1	2.3	2.6	.8	.1												146	146	144	89
40/ 39	.5	1.6	1.9	1.8	.4													106	106	130	113
38/ 37	.4	2.0	2.3	1.7	.2													112	112	130	87
36/ 35	.4	2.3	2.4	1.6	.1													116	116	133	128
34/ 33	.5	2.5	2.0	.9	.1													103	103	124	121
32/ 31	.2	1.6	1.3	.6	.1													65	65	129	113
30/ 29	.4	1.5	1.4	.4														64	64	88	126
28/ 27	.4	1.2	.5	.1														36	36	68	111
26/ 25		.8	.3	.1														20	20	51	96
24/ 23	.1	1.1	.4	.1														28	28	28	66
22/ 21	.1	.5	.6															20	20	30	68
20/ 19		.9	.2															20	20	17	53
18/ 17		.2	.1															5	5	15	32
16/ 15		.1	.2															4	4	4	24
14/ 13			.1															1	1	2	33
12/ 11																				3	13
10/ 9																					10
8/ 7																					12
6/ 5																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-59,62,72-75 YEARS | NOV MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					3
2/ 1																					4
0/ -1																					4
-2/ -3																					1
-4/ -5																					1
-6/ -7																					2
TOTAL	6.8	31.2	27.9	20.3	8.6	4.4	.6	.1											1710		1710
																		1710		1710	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	9513798	124518	72,8	16.167	1710							
Dry Bulb	3344276	73430	42.9	10.574	1710		13,8	1.1				90
Wet Bulb	2809673	67132	39,3	10.093	1710		23.4	.1				90
Dew Point	2257381	58593	34.3	12.087	1710	.4	40.9					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.0	.1	.1	.0	.0											7	7		
68/ 67		.2	.1		.0	.0												8	8	1	
66/ 65		.0	.1	.1	.1	.2												13	13	4	4
64/ 63	.0	.7	.1	.3		.0												25	25	8	5
62/ 61	.0	.7	.9	.5	.1													47	47	23	16
60/ 59	.2	.3	.9	.2	.1		.1											40	40	33	18
58/ 57	.1	.8	.3	.1	.2	.1	.1											38	38	46	23
56/ 55	.1	1.4	.5	.1	.4	.0	.0											54	54	47	43
54/ 53	.4	1.3	.5	.4	.5	.2												72	72	55	51
52/ 51	.8	1.1	.9	.2	.7	.0	.0											78	78	57	62
50/ 49	.2	1.2	1.3	.9	.5	.1	.0											91	91	53	56
48/ 47	.6	1.3	1.6	1.4	.7	.3	.0											126	126	79	47
46/ 45	.3	2.1	1.6	2.1	.8	.0												147	147	90	54
44/ 43	.7	2.1	2.6	1.3	.4													154	154	138	79
42/ 41	.5	2.5	1.7	1.5	.6	.1												145	145	133	90
40/ 39	.7	2.2	4.0	1.3	.2													176	176	185	105
38/ 37	.5	2.4	2.4	1.8	.1													153	153	154	123
36/ 35	.4	3.4	2.4	1.0	.1													155	155	180	137
34/ 33	.2	3.7	2.9	.6	.0													158	158	159	168
32/ 31	.3	2.0	1.8	.2	.0													93	93	186	164
30/ 29	.4	2.4	1.3	.5	.0													110	111	132	153
28/ 27	.5	1.8	.9	.1														68	68	105	135
26/ 25	.1	1.2	.7	.0														45	45	75	134
24/ 23	.0	.9	.5	.1														34	34	58	108
22/ 21	.1	1.1	.3															33	33	35	74
20/ 19	.2	.5	.1															17	17	36	75
18/ 17		.4	.1															11	11	14	54
16/ 15		.4	.1															11	11	12	45
14/ 13		.0	.1															4	4	11	29
12/ 11																				2	19
10/ 9																				2	11
8/ 7																					13
6/ 5																					8
4/ 3																					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												

1

USAFETAC 0-25-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					4
0/ -1																					2
-4/ -5																					1
-6/ -7																					2
TOTAL	7.	43	8.1	31.5	15.4	5.8	1.4	.4										2113	2114	2113	2113

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12608147	160183	75.8	14.837	2113							
Dry Bulb	3785180	86682	41.0	10.453	2114		18.2	.6				90
Wet Bulb	37 7292	80152	37.9	10.134	2113		28.5	.0				90
Dew Point	2679705	70883	33.5	11.955	2113	.2	44.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 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
68/ 67		.2	.2	.0	.0	.0												13	13	1	
66/ 65		.2	.2	.0	.1				.0									13	13	5	6
64/ 63	.1	.5	.5	.1		.0												32	32	15	6
62/ 61		.8	.6	.2	.1		.0											43	43	18	17
60/ 59	.1	.5	.5	.2	.1	.1												39	39	43	23
58/ 57	.2	.7	.5	.2	.1	.0	.1											46	46	43	37
56/ 55	.3	.9	.6	.5	.2	.2												71	71	36	33
54/ 53	.3	1.7	.6	.2	.3		.0											81	81	68	54
52/ 51	.3	1.5	.8	.5	.5	.0												98	99	75	71
50/ 49	.2	1.2	1.2	.9	.5	.2												110	110	75	68
48/ 47	.5	1.6	1.5	1.4	.4	.3	.0											148	148	89	54
46/ 45	.1	2.0	1.9	1.4	.7	.2												163	163	102	72
44/ 43	.7	1.9	2.4	1.3	.8	.2												185	187	162	89
42/ 41	.7	3.0	3.0	1.9	.6	.1												242	242	161	115
40/ 39	.5	2.2	2.6	1.0	.3													172	172	210	133
38/ 37	.2	3.6	2.6	1.1	.3													200	200	220	127
36/ 35	.2	3.4	2.6	.9	.1													190	190	234	172
34/ 33	.2	3.8	2.7	.7														193	193	188	213
32/ 31	.5	3.2	1.3	.4	.0													147	147	242	210
30/ 29	.4	2.3	1.0	.3														113	113	163	194
28/ 27	.3	2.3	1.3	.1														105	105	147	157
26/ 25	.2	1.4	.5	.1														60	60	88	183
24/ 23	.0	.9	.4	.0														36	36	73	132
22/ 21		.9	.3															32	32	38	102
20/ 19		.9	.2															30	30	35	73
18/ 17		.3	.1															11	11	31	74
16/ 15		.2	.1															7	7	8	54
14/ 13		.2	.0															6	6	9	33
12/ 11	.0	.2																5	5	6	27
10/ 9		.0																1	1	5	15
8/ 7																					9
6/ 5																					18
4/ 3																					10
2/ 1																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

1

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 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
0/ -1																					1
-2/ -3																					1
-4/ -5																					3
TOTAL	6.	042.	530.	913.	7 5.2	1.4	.2		.0										2595		2592
																		2592		2592	

Element: (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15541089	197165	76.1	14.441	2592							
Dry Bulb	4540870	105258	40.6	10.229	2595		19.2	.5				90
Wet Bulb	3915427	97373	37.6	9.968	2592		29.4	.0				90
Dew Point	3220947	86111	33.2	11.790	2592	.2	45.2					90

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-45, 48-75 YEARS | NOV 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
80/ 79													.0					1	1		
76/ 75					.0		.0			.0		.0						4	4		
74/ 73				.0	.1	.0	.0		.1	.0								8	8		
72/ 71		.0	.1	.2	.1	.1	.1		.1	.0	.0							23	23		
70/ 69			.1	.2	.1	.1	.2	.1	.2									33	33	3	
68/ 67		.1	.3	.4	.5	.2	.2	.1	.1	.0								57	57	5	3
66/ 65	.1		.4	.3	.3	.7	.3	.1	.1									68	68	17	6
64/ 63	.0	.1	.8	.3	.4	.4	.2	.3	.1									73	73	23	12
62/ 61		.4	.7	.6	.6	.5	.4	.3	.2	.0								110	110	39	14
60/ 59	.0	.4	.5	.5	.6	.9	.5	.5	.1									112	112	66	39
58/ 57	.1	.4	.9	.6	1.1	1.0	.6	.4	.1									151	152	75	56
56/ 55	.4	.8	.5	.9	1.1	1.1	.9	.4	.0									172	172	116	58
54/ 53	.1	.5	.8	1.3	1.4	1.4	.6	.2										177	177	104	62
52/ 51	.2	.7	.9	1.5	1.6	1.0	.5	.0										180	180	108	75
50/ 49	.1	.8	1.5	1.7	1.5	.9	.4											196	196	154	78
48/ 47	.3	.8	1.2	1.9	1.7	.9	.2											198	198	185	106
46/ 45	.2	1.4	.9	1.8	1.4	.6	.1	.0										181	181	234	98
44/ 43	.4	1.1	1.6	1.8	.9	.5												179	179	260	131
42/ 41	.6	1.3	1.8	1.5	1.1	.4												186	186	232	178
40/ 39	.2	.9	1.7	1.0	1.1	.1												139	139	215	189
38/ 37	.2	1.1	1.8	1.3	.5	.0												139	139	207	151
36/ 35	.0	1.3	1.7	1.1	.3													125	128	159	189
34/ 33	.1	1.7	1.3	.6	.1													111	111	172	203
32/ 31	.2	.7	.5	.5	.0													57	57	174	199
30/ 29	.0	.2	.8	.3														37	37	89	219
28/ 27	.1	.2	.6	.4	.0													37	37	67	152
26/ 25		.5	.5	.1														32	32	49	115
24/ 23		.2	.1	.1														12	12	32	119
22/ 21		.2	.1															10	10	23	86
20/ 19		.1	.1															6	6	18	67
18/ 17		.0	.0															2	2	5	61
16/ 15		.0																1	1	4	55
14/ 13		.1																2	2	2	33
12/ 11		.0																1	1	2	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 ISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9																				1	16
8/ 7																					8
6/ 5																					13
2/ 1																					8
0/ -1																					1
-2/ -3																					1
-6/ -7																					1
-8/ -9																					1
-12/-13																					1
TOTAL	3.4	16.2	22.4	21.0	16.7	10.9	5.5	2.4	1.2	.2	.0	.0	.0						2824		2820
																		2820		2820	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12464149	180359	64.0	18.153	2820							
Dry Bulb	6837376	135564	48.0	10.807	2824		6.3	4.0	.4			90
Wet Bulb	5321600	119472	42.4	9.605	2820		14.2	.3				90
Dew Point	3928685	99821	35.4	11.841	2820	.2	37.4	.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.1			2	2		
82/ 81										.1		.0		.0				4	4		
80/ 79								.1		.1	.0	.1						9	9		
78/ 77						.1	.1	.2	.2	.1	.3	.1	.0					35	35		
76/ 75				.0	.1	.2	.3	.1	.4	.3	.4	.2						53	53		
74/ 73			.0	.1	.2	.4	.3	.4	.4	.4	.2	.0						72	72		
72/ 71				.1	.4	.3	.6	.4	.5	.4	.4	.1						88	88		
70/ 69		.0	.0	.3	.3	.8	.5	.8	.5	.4	.4	.0						123	123	4	
68/ 67			.2	.5	.2	.7	.7	.7	1.0	.6	.2							138	138	10	3
66/ 65			.3	.5	.6	.7	.6	.9	.7	.9	.1							150	150	24	5
64/ 63		.1	.3	.4	.6	.6	1.2	1.1	.7	.4	.0							150	150	67	4
62/ 61	.1	.1	.1	.4	.5	1.0	1.0	1.1	.9	.1								148	148	71	42
60/ 59	.0	.2	.4	.7	.8	1.3	1.1	1.5	.4									182	182	113	41
58/ 57	.2	.1	.3	.5	.6	1.1	1.7	1.2	.2									166	166	131	49
56/ 55	.1	.4	.4	.7	.9	2.0	1.6	.8	.1									201	201	139	59
54/ 53	.0	.4	.6	.5	1.3	1.2	.7	.6	.0									153	153	157	75
52/ 51	.1	.4	.2	1.0	1.1	1.7	.7	.2	.0									154	154	217	95
50/ 49	.2	.5	.3	.7	1.1	1.3	.6	.0	.0									138	138	194	92
48/ 47	.2	.3	.5	.7	1.1	1.0	.6	.1	.0									128	128	241	97
46/ 45	.2	1.0	.4	1.0	1.0	.6	.1	.1										124	124	277	133
44/ 43	.4	.8	.7	1.2	.6	.8	.1											130	131	210	156
42/ 41	.2	.6	1.0	.7	1.1	.3	.0											110	110	189	164
40/ 39	.1	.5	1.0	.9	.5	.2												91	91	171	164
38/ 37	.0	.8	1.1	.6	.2	.1												81	81	148	166
36/ 35	.1	.7	.5	.6	.4													63	63	124	172
34/ 33	.1	.5	.2	.5	.2													45	45	124	186
32/ 31	.1	.1	.2	.4	.1													26	26	80	213
30/ 29	.0	.2	.4	.3	.1													31	31	30	226
28/ 27	.1	.0	.2	.3														18	18	42	118
26/ 25	.1	.1	.1															10	10	27	123
24/ 23			.1															4	4	26	127
22/ 21		.0																1	1	9	72
20/ 19		.0																1	1	4	53
18/ 17																				1	47

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					38
14/ 13																					29
12/ 11																					26
10/ 9																					20
8/ 7																					7
6/ 5																					7
4/ 3																					5
2/ 1																					6
0/ -1																					4
-2/ -3																					1
TOTAL	2.4	8.1	9.6	13.5	14.3	16.5	12.6	10.4	6.0	3.6	2.1	.6	.0	.0	.1			2829	2830	2830	2830

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8982225	149267	52.8	19.758	2828							
Dry Bulb	8927488	155346	54.9	11.893	2830		2.9	16.7	5.6	.4		90
Wet Bulb	6257558	130382	46.1	9.413	2830		7.0	.4				90
Dew Point	4118856	102558	36.2	11.923	2830	.2	35.8	.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV 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
86/ 85															.1			2	2		
84/ 83											.0							1	1		
82/ 81											.1	.1	.0					5	5		
80/ 79								.1	.1			.2	.1					14	14		
78/ 77							.2	.1	.1	.1	.3	.2	.0					29	29		
76/ 75				.0		.3	.4	.2	.3	.3	.3	.4						60	60		
74/ 73				.0		.3	.4	.3	.4	.3	.3	.1						60	60		
72/ 71				.2	.4	.4	.4	.5	.7	.5	.3	.1						98	98		
70/ 69		.0	.1	.5	.3	.5	.9	.6	.7	.6	.4	.1						129	129	1	
68/ 67			.1	.4	.6	.5	1.0	1.1	.5	.6	.2							142	142	6	1
66/ 65		.1	.3	.3	.7	.8	.9	1.1	.9	.6	.1							157	157	30	6
64/ 63	.1	.0	.3	.3	.7	.8	.8	.6	.8	.5	.1							140	140	65	7
62/ 61		.1	.3	.6	.6	.7	.7	1.0	1.0	.0								143	143	65	14
60/ 59	.0	.3	.3	.4	.6	1.4	1.5	1.5	.7	.0								186	186	92	59
58/ 57	.1	.1	.4	.6	.9	1.0	1.8	1.3	.3									179	179	146	45
56/ 55	.2	.4	.4	.4	1.0	1.8	1.3	1.0	.3									184	184	183	65
54/ 53	.0	.5	.5	.5	1.0	1.1	1.5	.3										155	155	167	62
52/ 51	.0	.3	.3	.8	1.2	1.3	1.3	.0	.0									148	148	181	95
50/ 49	.2	.7	.5	.7	1.3	1.0	.8	.3	.0									152	152	202	102
48/ 47	.3	.4	.7	.9	1.0	1.1	.3	.0										131	131	237	128
46/ 45	.1	.7	.6	1.1	.7	1.0	.2											125	126	245	124
44/ 43	.4	.5	.8	.7	.8	.6	.0	.0										105	105	241	131
42/ 41	.3	.5	1.0	.8	.6	.6	.0											108	108	192	175
40/ 39	.1	.6	.7	1.1	.6	.2												94	95	160	141
38/ 37	.2	.4	.8	.5	.2													59	59	153	158
36/ 35	.0	.9	.6	.5	.3													66	66	129	201
34/ 33	.1	.4	.2	.3	.2													35	36	103	202
32/ 31		.1	.3	.5	.3													35	35	69	183
30/ 29	.2	.1	.1	.2	.0													20	20	34	197
28/ 27	.0	.2	.3	.1														17	17	28	151
26/ 25	.1	.1	.2	.1														11	11	34	134
24/ 23			.0	.0														2	2	18	93
22/ 21			.0															1	1	8	101
20/ 19																				2	47

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) 101 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																				2	32
16/ 15																					50
14/ 13																					19
12/ 11																					27
10/ 9																					14
8/ 7																					9
6/ 5																					9
4/ 3																					3
2/ 1																					5
-2/ -3																					2
-4/ -5																					1
TOTAL	2.6	7.5	9.8	12.4	14.2	15.4	14.2	10.1	6.8	3.6	2.0	1.1	.1		.1			2793	2796	2793	2793

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8739530	145926	52.2	19.987	2793							
Dr, Bulb	8937713	154611	55.3	11.785	2796		2.8	17.4	5.5	.5		90
Wet Bulb	6223185	129299	46.3	9.222	2793		6.3	.2				90
Dew Point	4063973	101353	36.3	11.759	2793	.1	34.7	.0				90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PAGE 1 | 1800-2000 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				
78/ 77													.0					1	1		
76/ 75						.0	.0			.0								3	3		
74/ 73						.1		.0		.0								5	5		
72/ 71					.2	.1		.0	.0		.0							10	10		
70/ 69			.0	.1	.1	.2	.0	.1	.1									17	17		
68/ 67		.1		.3	.4	.3	.1	.2	.1	.1								38	38	1	
66/ 65		.1	.6	.6	.3	.3	.3	.4	.1									67	67	8	3
64/ 63	.1	.2	.8	.4	.5	.8	.5	.3	.0									83	83	19	6
62/ 61		.3	.6	.4	.7	.5	.5	.3	.0									80	80	33	8
60/ 59	.0	.4	.8	.8	1.0	1.0	.7	.4	.1									122	122	64	33
58/ 57	.2	.3	.8	1.0	1.4	1.0	1.2	.3										144	146	54	47
56/ 55	.1	.6	.7	1.0	.8	1.5	1.0	.2										142	142	71	52
54/ 53	.0	.7	.8	.9	1.1	1.6	1.1	.1										150	150	110	43
52/ 51	.1	.9	1.0	1.3	1.4	1.1	.5											151	151	124	53
50/ 49	.4	.8	1.4	1.8	2.3	1.9	.2											205	205	143	75
48/ 47	.2	.9	1.2	1.7	1.7	.8	.1											154	154	168	101
46/ 45	.3	.9	1.7	2.5	1.8	1.1	.1											198	199	184	98
44/ 43	.6	.7	1.4	1.7	.8	.5	.0											136	136	221	126
42/ 41	.2	.9	2.0	1.3	1.3	.2												140	140	202	127
40/ 39	.2	.8	1.8	1.3	.8	.3												122	122	210	138
38/ 37	.1	.6	1.5	1.0	.4	.1												88	88	173	154
36/ 35	.2	1.3	.7	.8	.7	.0												89	89	141	170
34/ 33	.0	1.1	.7	.5	.2													59	59	128	168
32/ 31	.0	.5	.5	.3	.1													34	34	88	169
30/ 29	.3	.3	.5	.5														37	37	66	191
28/ 27	.3	.2	.9	.2														38	38	47	124
26/ 25	.1	.4	.1	.3														21	21	39	105
24/ 23		.2	.1															7	7	32	74
22/ 21		.2	.3	.0														11	11	9	71
20/ 19		.0	.1															3	3	11	52
18/ 17																				7	17
16/ 15																				2	34
14/ 13																					30
12/ 11																					28

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 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
10/ 9																					6
8/ 7																					1
6/ 5																					3
4/ 3																					8
2/ 1																					2
0/ -1																					3
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
TOTAL	3.6	13.6	21.1	20.7	18.0	13.4	6.5	2.3	.6	.2	.0		.0					2358			2355
																		2355		2355	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10015337	147687	62.7	17.892	2355							
Dry Bulb	5837244	114784	48.7	10.293	2358		5.8	2.8	.3			90
Wet Bulb	4507537	100735	42.8	9.185	2355		11.5	.0				90
Dew Point	3290980	83750	35.6	11.524	2355	.3	36.4					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1	.1												4	4		
72/ 71					.1	.1												2	2		
70/ 69			.1		.2		.1											6	6		
68/ 67		.1	.1		.1	.2				.1								8	8	3	1
66/ 65		.3	.5	.2	.3	.2	.1		.1									32	32	3	2
64/ 63	.1	.4	.9	.3	.4	.2	.1	.1										45	45	14	3
62/ 61	.1	.2	.6	.1	.1	.3	.1											29	29	26	19
60/ 59	.2	.8	.4	.2	.7	.2	.3	.1	.1									53	54	33	17
58/ 57	.2	.7	1.0	.5	.7	.9	.3	.2										84	84	43	41
56/ 55	.1	.6	.7	1.0	.7	.8	.4	.1										84	84	44	28
54/ 53	.2	.8	.7	1.1	1.3	1.0	.5											107	107	40	41
52/ 51	.3	.7	1.0	1.0	1.1	.8	.2											97	97	69	38
50/ 49	.2	1.2	1.8	1.3	1.5	.8	.1											132	132	79	45
48/ 47	.3	1.7	2.0	1.6	1.5	.4												143	143	112	42
46/ 45	.5	1.9	1.9	2.1	2.1	.6												176	176	143	80
44/ 43	.3	1.4	1.7	2.5	1.2	.4												143	143	164	95
42/ 41	.3	1.9	2.5	1.9	.9	.1												146	146	166	107
40/ 39	.1	1.3	2.6	1.3	.9	.1												120	120	150	113
38/ 37	.2	.8	2.3	1.8	.7	.1												110	110	180	115
36/ 35	.2	1.3	2.1	.9	.4													94	94	132	136
34/ 33	.3	2.2	1.1	.6	.3													84	84	126	123
32/ 31	.3	.9	1.0	.5	.1													53	53	131	188
30/ 29	.5	.8	.7	.3														43	44	57	167
28/ 27	.1	.8	.5	.1														27	27	60	106
26/ 25	.1	1.0	.7	.3														39	39	46	103
24/ 23		.5	.3	.1														18	18	29	56
22/ 21		.5	.2	.2														17	17	25	67
20/ 19		.4	.2															10	10	16	65
18/ 17			.1	.1														2	2	13	35
16/ 15			.1															1	1	2	25
14/ 13																				2	25
12/ 11																				1	18
10/ 9																					12
8/ 7																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-75 YEARS | NOV 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
6/ 5																					2
4/ 3																					1
2/ 1																					7
0/ -1																					2
-2/ -3																					4
-8/ -9																					2
-10/-11																					1
TOTAL	4.	5	23.	3	27.	6	19.	7	15.	4	7.	1	1.	9	.3	.2	.1			1911		1909
																		1909		1909	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9538990	130910	68.6	17.160	1909							
Dry Bulb	4066444	85960	45.0	10.210	1911		9.9	.9	.2			90
Wet Bulb	3299200	77250	40.5	9.530	1909		18.0	.1				90
Dew Point	2340662	65954	34.5	11.719	1909	.4	40.7	.0				90

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AF8 OKLAHOMA/ENID STATION NAME | 42-46,48-59,65,67,70,74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63			.1			.1	,1											5	5		
62/ 61		.1			.1	.1												5	5		
60/ 59	.1	.2		.1	.1													10	10	6	4
58/ 57		.3	.1	.1	.1	.1	.2											14	14	7	4
56/ 55	.1	.4	.2		.2	.1	.1											17	17	6	7
54/ 53	.1	.2	.1	.4			.1											14	14	11	6
52/ 51	.1	.5	.2	.1	.1	.1												18	18	16	8
50/ 49	.5	.5	.2	.4	.2	.3												33	33	26	21
48/ 47	.4	.4	.6	.4	.8	.4												50	50	27	19
46/ 45	.5	1.4	.7	.7	.4	.2												65	65	31	21
44/ 43	.5	1.1	.8	1.7	.7													79	79	46	37
42/ 41	.9	1.0	1.8	1.5	.2													89	89	62	44
40/ 39	.8	1.5	2.4	1.7	.2	.1												113	113	81	41
38/ 37	.3	2.0	3.0	1.8	.1	.1												121	121	101	36
36/ 35	.5	4.2	4.0	1.1	.2													167	167	142	61
34/ 33	1.2	3.7	4.4	.6														166	166	180	106
32/ 31	1.0	5.1	3.2	.7	.1													168	168	181	138
30/ 29	.7	4.2	2.7	.3														132	132	192	156
28/ 27	1.0	2.4	1.5	.2														87	87	144	134
26/ 25	.8	2.6	1.4	.1														82	82	98	193
24/ 23	.7	2.7	1.0	.1														76	76	80	144
22/ 21	.5	1.8	.4															45	45	76	99
20/ 19	.5	2.0	.4															48	48	55	72
18/ 17	.4	.6	.2															20	20	46	74
16/ 15	.1	.4																8	8	13	63
14/ 13		.5	.1															10	10	5	54
12/ 11	.2	.2	.1															7	7	12	35
10/ 9		.5	.1															10	10	8	24
8/ 7	.1	.4																7	7	12	17
6/ 5		.2																4	4	5	15
4/ 3	.1	.1																3	3	4	9
2/ 1	.1																	1	1	1	10
0/ -1																					5
-2/ -3																					8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-59,65,67,70,74 YEARS | DEC MONTH

PAGE 2 | 0000-0200 HOURS (L S T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					6
-6/ -7																					2
-8/ -9																					1
TOTAL	12.	141.	229.	511.	9	3.4	1.5	.5											1674		1674
																		1674		1674	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	Nu. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9809144	125590	75.1	15.101	1673							
Dry Bulb	2132186	57512	34.4	9.666	1674		39.3					93
Wet Bulb	1810931	52971	31.6	8.975	1674		51.8					93
Dew Point	1388593	44881	26.8	10.524	1674	1.2	69.9					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-72,74 YEARS | DEC MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B	Dry Bulb	Wet Bulb	Dew Point
62/ 61		.2	.1	.0		.1												10	10		
60/ 59		.2	.3	.0	.0													12	12	5	2
58/ 57		.3	.1		.0													11	11	10	4
56/ 55	.0	.4	.1	.1		.2	.0											19	19	15	12
54/ 53	.0	.1	.0	.0	.1													8	8	12	10
52/ 51		.4	.1	.1	.0	.1												16	16	6	14
50/ 49	.4	.6	.2	.1	.1	.0												32	32	28	16
48/ 47	.6	.9	.4	.5	.5	.2												64	65	26	22
46/ 45	.4	.7	.3	.8	.4	.2												58	59	39	34
44/ 43	.7	.7	.9	.6	.3	.0												66	66	41	42
42/ 41	.6	1.2	1.2	.7	.3	.0												82	82	68	23
40/ 39	.5	1.5	1.8	1.5	.5													120	120	76	45
38/ 37	.4	2.3	2.5	1.1	.1													129	129	99	49
36/ 35	.5	4.3	3.1	1.3														186	186	131	66
34/ 33	.9	3.9	3.0	.9														177	177	201	122
32/ 31	.7	5.7	4.3	.7														231	231	180	128
30/ 29	.9	7.1	1.4	.3														197	198	253	168
28/ 27	.9	4.3	1.2	.2														134	134	245	169
26/ 25	.9	2.6	1.1															93	93	126	225
24/ 23	.7	3.4	.9	.0														101	101	100	201
22/ 21	.5	2.8	.8															83	84	105	129
20/ 19	.6	1.8	.1	.0														54	54	82	108
18/ 17	.4	1.5	.1															41	41	51	91
16/ 15	.2	1.0	.2															30	30	32	91
14/ 13	.2	.2																9	9	26	57
12/ 11	.3	.5																17	17	17	51
10/ 9	.0	.4	.1															12	12	12	36
8/ 7	.1	.5																12	12	13	26
6/ 5	.1	.3																10	10	12	18
4/ 3	.3	.1																8	8	11	12
2/ 1																					9
0/ -1																					16
-2/ -3																					6
-4/ -5																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-72,74 YEARS | DEC MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																					1
-8/ -9																					4
-10/-11																					1
TOTAL	12.5	50.0	24.5	9.3	2.7	1.0	.0											2026			2022
																	2022		2022		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	12389067	155603	77.0	14.324	2022							
Dry Bulb	2363532	66270	32.7	9.835	2026		47.5					93
Wet Bulb	2036207	61377	30.4	9.256	2022		58.2					93
Dew Point	1590553	52321	25.9	10.822	2022	1.9	71.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 DEC (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61		.1	.0															3	3		
60/ 59		.4	.2	.0	.0													16	16	3	1
58/ 57		.4	.4	.0	.0	.0												23	23	11	8
56/ 55		.2	.2	.2														13	13	18	11
54/ 53		.3	.1		.0													10	10	14	9
52/ 51	.1	.5	.1	.2	.1	.0												26	26	16	19
50/ 49	.3	.6	.1		.1													28	28	27	19
48/ 47	.3	.6	.4	.2	.2	.4												51	52	29	37
46/ 45	.8	.7	.4	.6	.2													70	70	49	37
44/ 43	.3	.8	1.1	.8	.3													78	78	34	32
42/ 41	.6	.8	1.0	.6	.3													82	83	59	39
40/ 39	.3	1.3	1.6	1.1	.1													111	112	89	36
38/ 37	.4	2.1	2.5	1.2	.4													166	166	104	52
36/ 35	.6	3.2	2.7	1.0	.0													238	239	145	76
34/ 33	.7	4.0	3.4	.6														220	221	251	140
32/ 31	.6	5.5	4.4	.2														271	274	229	145
30/ 29	1.0	6.0	2.3	.2														239	239	284	233
28/ 27	1.5	4.5	1.4	.2														191	191	321	182
26/ 25	.9	3.2	1.3	.0														136	136	173	237
24/ 23	.6	3.3	.6	.1														116	116	123	239
22/ 21	.8	4.0	.7															141	142	155	185
20/ 19	.4	1.8	.2															63	63	117	150
18/ 17	.9	1.5	.1															62	62	73	143
16/ 15	.5	1.6	.1															55	55	55	119
14/ 13	.2	.9	.1															31	31	43	84
12/ 11	.4	.4																21	21	33	65
10/ 9	.3	.4	.2															21	21	16	61
8/ 7	.3	.4																16	16	19	46
6/ 5	.2	.2																12	12	16	40
4/ 3	.3	.1																9	9	13	16
2/ 1	.0																	1	2	1	14
0/ -1	.1																	2	2	2	20
-2/ -3																					6
-4/ -5																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC 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
-6/ -7																					2
-8/ -9																					2
-10/-11																					4
-12/-13																					2
-14/-15																					1
TOTAL	13.	451.	625.	6	7.0	1.9	.4												2532		2522
																		2522		2522	

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.	15562724	195144	77.4	13.554	2522							
Dry Bulb	2773299	79947	31.6	9.919	2532	.1	51.1					93
Wet Bulb	2402473	74151	29.4	9.391	2522	.1	61.7					93
Dew Point	1874660	63000	25.0	10.925	2522	1.7	74.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
76/ 75											.0							1	1		
70/ 69								.0										1	1		
66/ 65		.0				.1				.0								4	4		
64/ 63		.0	.2	.0	.0	.0	.0		.0									11	11	1	
62/ 61		.3	.1	.1	.0	.0	.0		.1									20	20	2	1
60/ 59		.2	.1	.1	.1	.1	.1	.1										24	24	14	5
58/ 57	.1	.3	.4	.1	.1	.1	.2	.0	.1									38	38	15	15
56/ 55	.0	.1	.3	.2	.1	.1	.2	.3	.0									37	37	22	11
54/ 53	.1	.3	.3	.2	.4	.5	.4	.0										61	61	24	15
52/ 51	.2	.4	.2	.5	.5	.7	.1	.0										72	72	29	28
50/ 49	.2	.4	.5	.9	1.1	1.0	.1	.0										117	117	33	23
48/ 47	.3	.3	.9	1.1	1.0	.5	.0											115	115	49	30
46/ 45	.4	.7	1.3	1.4	1.8	.5	.1											169	171	79	36
44/ 43	.4	.8	1.2	1.7	1.2	.4												156	156	122	37
42/ 41	.1	1.2	2.0	1.8	1.1	.3												179	179	168	47
40/ 39	.1	1.3	3.0	2.1	1.1	.0												212	212	167	81
38/ 37	.3	2.1	3.1	2.3	.6	.1												235	238	246	102
36/ 35	.8	2.3	2.8	1.7	.4													219	219	255	147
34/ 33	.3	3.4	2.5	1.3	.1													209	209	258	179
32/ 31	.6	2.9	1.7	.8	.1													170	170	288	219
30/ 29	.5	2.4	1.9	.5														147	147	224	263
28/ 27	.6	1.5	2.3	.2	.0													127	127	160	237
26/ 25	.4	1.7	1.2	.3														100	101	136	232
24/ 23	.4	1.8	.7	.2														85	85	110	193
22/ 21	.1	1.3	.5															54	54	100	150
20/ 19	.1	1.1	.4															45	45	63	114
18/ 17	.3	.9	.2															39	39	49	148
16/ 15	.4	1.0	.0															38	38	52	89
14/ 13	.1	.7	.2															27	27	24	96
12/ 11	.1	.4	.1															16	16	22	63
10/ 9	.1	.3	.1															12	12	19	47
8/ 7		.2																5	5	11	48
6/ 5	.1	.1																4	4	5	27
4/ 3	.0	.0																2	2	3	15

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with T...						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-76-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1		.0																1	1	2	19
0/ -1																					9
-2/ -3																					4
-4/ -5																					4
-6/ -7																					7
-8/ -9																					6
-10/-11																					3
-12/-13																					1
TOTAL	6.9	30.6	28.4	17.7	9.7	4.6	1.4	.5	.2	.0	.0							2752	2758	2752	2751

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	13797123	188911	68.7	17.270	2750							
Dry Bulb	4096619	102127	37.0	10.688	2758		29.4	.1	.0			9.
Wet Bulb	3278717	91361	33.2	9.451	2758		42.9					93
Dew Point	2325365	74019	26.9	11.017	2751	1.1	67.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 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
84/ 83													.0					1	1		
82/ 81													.0					1	1		
80/ 79												.0						1	1		
78/ 77													.0					1	1		
76/ 75								.1			.1							5	5		
74/ 73								.0		.1	.0	.0						5	5		
72/ 71			.0	.0			.1			.1		.0						7	7		
70/ 69				.0		.1	.0		.0	.1	.1	.1						11	11		
68/ 67				.0	.1	.0	.0	.1	.1	.2	.3							23	23	1	
66/ 65			.0	.1	.1	.3	.1	.1	.4	.4	.1							47	47	2	1
64/ 63			.4	.1	.3	.3	.4	.5	.3	.2	.0							69	69	1	1
62/ 61		.1	.2	.2	.1	.3	.3	.8	.3	.1								68	68	3	1
60/ 59		.0	.2	.4	.5	.5	.6	.7	.4	.0								95	95	28	5
58/ 57	.1	.0	.0	.2	.5	.6	.8	.8	.2	.1								91	91	26	14
56/ 55		.2	.1	.4	.7	1.0	1.2	.2	.1									110	110	33	13
54/ 53	.1	.4	.2	.4	1.2	1.7	1.1	.3	.1									147	147	49	18
52/ 51	.1	.3	.3	.7	1.6	1.6	1.3	.1										161	161	69	34
50/ 49	.0	.4	.3	1.3	1.5	1.7	.8	.1										171	171	103	31
48/ 47	.2	.4	.8	1.4	2.0	1.6	.3	.0										183	183	150	38
46/ 45	.2	.6	.8	1.8	2.0	1.2	.1											185	187	177	39
44/ 43	.2	.5	1.5	1.6	1.7	.5	.1											170	170	238	66
42/ 41	.1	.8	1.3	2.1	1.6	.3	.1											174	174	211	75
40/ 39	.1	.8	1.3	1.8	1.2	.2												151	151	266	103
38/ 37	.1	.8	1.1	2.0	1.1	.1												145	148	232	156
36/ 35	.1	1.4	.8	1.0	.3													112	112	217	191
34/ 33	.1	1.7	1.1	.9	.3	.0												117	117	167	185
32/ 31	.1	1.3	1.4	.9	.4	.1												118	119	183	206
30/ 29	.1	.9	.9	.7	.1													78	79	121	245
28/ 27	.4	.8	.9	.4														70	70	110	217
26/ 25	.1	1.6	.7	.1														70	70	91	195
24/ 23	.2	.9	.3	.1														44	44	104	177
22/ 21	.1	.6	.5	.1														36	36	44	163
20/ 19	.0	.6	.2															23	23	32	141
18/ 17	.2	.6	.4															34	34	34	110

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC 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
16/ 15	.1	.3	.3															19	19	29	75
14/ 13	.1	.3	.1															12	12	25	74
12/ 11	.1	.1	.0															5	5	10	44
10/ 9		.0																1	1	3	31
8/ 7		.0																1	1	2	40
6/ 5																				1	26
4/ 3																					8
2/ 1																					11
0/ -1																					7
-2/ -3																					3
-4/ -5																					3
-6/ -7																					5
-8/ -9																					3
-10/-11																					3
-12/-13																					2
TOTAL	3.6	16.7	16.1	19.0	17.2	12.1	7.3	3.8	2.1	1.2	.6	.2	.1					2762	2769	2762	2762

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	10365876	160338	58.1	19.576	2762							
Dry Bulb	5745622	121542	43.9	12.181	2769		17.2	1.8	.5	.1		93
Wet Bulb	4154224	103754	37.6	9.643	2762		26.6	.0				93
Dew Point	2595483	79001	28.6	11.029	2762	.9	60.3					93

JSAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	1' - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 3'	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.0					1	1		
82/ 81													.0					1	1		
80/ 79													.0					1	1		
78/ 77											.0	.1						3	3		
76/ 75												.0						1	1		
74/ 73							.0			.1	.0	.0	.0					8	8		
72/ 71							.0	.0	.0		.2	.1						12	12		
70/ 69			.0	.0		.0		.2		.1	.0	.1						13	15		
68/ 67			.0		.1	.1	.2	.2	.5	.3	.1	.1						45	45	1	
66/ 65				.1	.2	.2	.1	.2	.4	.3	.1							46	46	1	1
64/ 63			.2	.1	.3	.2	.2	.6	.4	.3	.1							67	67	2	
62/ 61		.1	.1	.3	.4	.3	.7	.4	.4	.4								82	82		2
60/ 59			.3	.1	.5	.5	.9	.9	.3	.1								96	96	24	3
58/ 57	.1	.1	.1	.1	.4	1.0	.8	.6		.0								89	90	24	9
56/ 55		.3	.2	.4	1.1	1.1	1.0	.5	.1									124	124	51	17
54/ 53	.1	.4	.1	.3	1.2	1.4	1.1	.7	.1									148	148	45	24
52/ 51	.0	.3	.3	.5	1.3	1.5	1.1	.2										142	142	80	23
50/ 49	.0	.4	.8	1.5	1.4	1.1	.9	.1										168	168	125	32
48 47	.2	.3	.7	1.7	2.3	1.0	.5	.1										183	183	160	41
46/ 45	.2	.9	1.0	1.6	2.3	.9	.1											192	193	197	40
44/ 43	.1	.4	1.2	1.9	1.5	.4	.0											149	150	210	70
42/ 41	.1	.9	1.5	1.9	1.4	.3	.1											169	169	231	87
40/ 39	.2	.7	1.5	1.0	1.7	.1												141	141	242	131
38/ 37	.3	.7	1.4	1.3	.6	.0												113	114	237	143
36/ 35	.6	1.7	1.1	1.4	.6	.0	.0											145	146	198	197
34/ 33	.1	1.4	1.3	.6	.5													104	107	162	198
32/ 31	.1	1.0	.9	1.1	.2													90	91	153	236
30/ 29	.1	1.4	.9	.7	.1													87	87	116	222
28/ 27	.2	.9	.5	.2														51	51	100	210
26/ 25	.2	1.3	.6	.3														65	65	98	166
24/ 23	.4	.7	.3	.1														43	43	80	150
22/ 21	.1	.6	.3	.1														28	28	41	174
20/ 19	.2	.4	.6	.1														37	37	32	118
18/ 17	.1	.5	.1															18	18	24	100

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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15	.2	.3	.3															19	19	33	78
14/ 13	.1	.2	.0															11	11	18	54
12/ 11	.1	.1																5	5	13	39
10/ 9																				1	27
8/ 7																					32
6/ 5																					28
4/ 3																					12
2/ 1																					15
0/ -1																					4
-2/ -3																					3
-4/ -5																					2
-6/ -7																					4
-8/ -9																					1
-10/-11																					2
-12/-13																					2
-18/-19																					1
-20/-21																					1
TOTAL	4.1	15.7	16.4	17.5	18.0	10.3	8.0	4.7	2.2	1.8	.7	.4	.1						2708		2699
																		2699		2699	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	10144870	156276	57.9	20.157	2699							
Dr Bulb	5825035	121075	44.7	12.332	2708		15.6	3.0	.5	.1		93
Wet Bulb	4183050	103058	38.2	9.586	2699		24.4	.0				93
Dew Point	2619792	78728	29.2	10.948	2699	.7	57.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-43,48-74 YEARS | DEC MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75												.0						1	1		
74/ 73										.0	.0							2	2		
72/ 71									.0									1	1		
70/ 69									.0									1	1		
68/ 67						.0	.0	.1										4	4		
66/ 65			.0				.0	.1										5	5		
64/ 63			.0	.1			.1	.0		.0								7	7		
62/ 61		.2	.1	.1	.0	.0				.0								12	12	1	
60/ 59		.2	.1	.4	.0	.1	.1	.3	.1									30	30	8	2
58/ 57	.1	.3	.2	.2	.2	.3	.1	.2	.0									36	36	11	9
56/ 55		.3	.2	.2	.5	.5	.2	.3										47	47	16	10
54/ 53	.0	.4	.1	.1	.3	.6	.5	.2										47	47	29	11
52/ 51	.1	.5	.5	.4	1.0	.5	.4	.1										79	79	36	21
50/ 49	.1	.5	.8	.8	1.4	.9	.1	.1										103	103	36	22
48/ 47	.0	.4	1.0	1.5	1.6	.6	.0											116	116	46	26
46/ 45	.5	.9	1.5	2.1	1.6	.5	.2											161	161	84	22
44/ 43	.2	.8	2.1	2.5	1.2	.4												158	158	118	47
42/ 41	.3	1.2	3.6	3.1	1.1	.2												209	209	157	49
40/ 39	.4	1.2	2.5	2.4	.5	.1												157	157	222	84
38/ 37	.4	1.8	3.4	2.4	.3													183	183	220	86
36/ 35	.6	2.2	2.3	2.0	.3													165	165	222	157
34/ 33	.5	2.1	2.5	.9	.0													131	134	192	191
32/ 31	.1	2.4	2.0	.9	.1													122	122	188	200
30/ 29	.1	1.9	1.6	.5	.1													92	92	143	180
28/ 27	.3	2.4	1.5	.2														94	94	114	185
26/ 25	.5	.9	1.2	.2														60	60	107	184
24/ 23	.5	.9	.5	.0														41	41	75	159
22/ 21	.5	.7	.5	.0														39	39	54	133
20/ 19	.1	.3	.6	.0														22	22	31	85
18/ 17		.5	.3	.0														19	19	15	73
16/ 15	.2	.4	.1															17	17	35	63
14/ 13	.2	.3	.0															12	12	13	49
12/ 11		.5																11	11	12	32
10/ 9	.1	.2																8	8	15	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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 YEARS | DEC 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
8/ 7		.1																2	2	3	20
6/ 5																				1	23
4/ 3																					16
2/ 1																					17
0/ -1																					8
-2/ -3																					2
-4/ -5																					5
-6/ -7																					1
-8/ -9																					1
-10/-11																					2
TOTAL	6.0	24.4	29.3	21.1	10.0	4.8	1.9	1.4	.3	.1	.0	.0						2194	2197	2194	2194

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10571694	147404	67.2	17.347	2192							
Dry Bulb	3595216	85966	39.1	10.267	2197		22.8	.4	.1			93
Wet Bulb	2842870	76538	34.9	8.878	2194		34.2					93
Dew Point	2001809	62201	28.4	10.426	2194	.8	61.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION — VANCE AFB OKLAHOMA/ENID STATION NAME — 42-46,48-74 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67							.1	.2										5	5		
66/ 65							.1	.1										3	3		
64/ 63			.1															2	2		
62/ 61		.2	.2															6	6		
60/ 59		.2	.1	.2	.1	.1	.1											12	12	5	3
58/ 57	.1	.3	.2	.1	.1	.4												21	21	10	6
56/ 55	.1	.4	.2	.1		.1	.2											20	20	12	8
54/ 53	.2	.4	.2	.2	.2	.2	.1	.1										25	25	25	14
52/ 51	.3	.2	.3	.2	.2	.2	.3											32	32	16	18
50/ 49	.2	.4	.2	.4	.6	.3	.1	.1										42	42	23	15
48/ 47	.4	.4	.4	1.0	.7	.2												56	56	26	15
46/ 45	.6	1.0	.7	2.1	1.4	.4												113	113	34	28
44/ 43	.4	.8	1.7	2.0	.7	.1	.1											103	103	58	25
42/ 41	.4	1.7	2.0	2.6	.4	.2												134	134	75	36
40/ 39	.4	2.1	3.6	2.0	.4	.2												158	158	144	60
38/ 37	.6	1.9	3.4	2.2	.4													153	153	156	52
36/ 35	.4	4.1	3.7	1.2	.1													173	173	194	93
34/ 33	.9	3.1	3.4	.8														147	147	178	138
32/ 31	.6	2.5	2.8	.7	.1													122	123	192	159
30/ 29	.3	3.6	2.3	.6														122	122	144	174
28/ 27	.8	2.0	1.9	.2														90	90	130	153
26/ 25	.7	2.4	1.4	.2														86	86	109	169
24/ 23	.5	2.0	.8	.1														62	62	92	147
22/ 21	.5	1.4	.2															38	38	68	101
20/ 19	.2	.8	.2															23	23	39	91
18/ 17	.2	.4	.1															13	13	20	74
16/ 15	.2	.3	.3															15	15	16	58
14/ 13	.1	.4																9	9	13	46
12/ 11	.1	.3	.1															9	9	10	34
10/ 9	.1	.4																10	10	11	21
8/ 7	.2	.4																10	10	9	16
6/ 5																				5	20
4/ 3																					12
2/ 1																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13909 STATION | VANCE AFB OKLAHOMA/ENID STATION NAME | 42-46,48-74 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
0/ -1																					4
-2/ -3																					3
-4/ -5																					6
-6/ -7																					1
-8/ -9																					1
TOTAL	9.4	34.4	30.3	16.9	5.2	2.4	1.0	.3											1815		1814
																		1814		1814	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9876524	130706	72.1	15.905	1814							
Dry Bulb	2556922	65774	36.2	9.775	1815		31.3	.3				93
Wet Bulb	2115175	59819	33.0	8.868	1814		44.0					93
Dew Point	1571015	49931	27.5	10.415	1814	.8	66.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-75 (YEARS)

HRS. (L S.T.)		JAN.	FEB.	MAR.	APP	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	31.8	36.0	41.1	52.7	62.1	71.3	75.5	75.3	66.5	56.9	42.9	34.4	54.3
	S D	11.063	10.453	11.061	9.753	7.978	6.718	5.143	5.782	7.809	8.730	10.574	9.666	18.066
	TOTAL OBS	1758	1529	1598	1607	1641	1749	1802	1780	1757	1813	1710	1674	20412
03-05	MEAN	29.8	33.5	39.0	50.5	59.6	68.6	72.9	72.3	64.1	54.1	41.0	32.7	51.7
	S D	11.155	10.374	10.890	9.864	8.023	6.419	4.705	5.919	7.844	8.880	10.653	9.835	17.780
	TOTAL OBS	2220	1928	2055	2043	2057	2087	2166	2203	2131	2175	2114	2026	25205
06-08	MEAN	28.5	32.4	38.9	51.4	61.6	71.0	75.2	73.4	64.5	53.9	40.6	31.6	52.1
	S D	11.243	10.111	10.997	9.778	8.173	6.942	5.629	5.884	8.073	8.955	10.229	9.919	18.850
	TOTAL OBS	2758	2403	2586	2499	2539	2608	2648	2743	2601	2669	2595	2532	31173
09-11	MEAN	33.4	38.4	46.7	59.6	69.7	79.1	84.2	82.7	73.3	63.0	48.0	37.0	59.7
	S D	12.241	11.262	12.564	10.504	9.041	8.181	7.458	7.832	9.677	9.867	10.807	10.688	20.454
	TOTAL OBS	2945	2592	2808	2702	2718	2766	2813	2928	2777	2833	2824	2758	33469
12-14	MEAN	40.4	45.7	53.8	65.7	75.2	84.8	90.1	89.1	79.7	70.0	54.9	43.9	66.2
	S D	13.898	13.118	14.066	11.381	9.841	8.609	7.905	8.435	10.543	11.024	11.893	12.181	20.679
	TOTAL OBS	2950	2595	2809	2707	2720	2764	2814	2928	2790	2842	2930	2769	33518
15-17	MEAN	42.1	48.0	55.9	67.3	76.7	86.4	91.4	90.7	81.0	70.7	55.3	44.7	67.6
	S. D	14.248	13.460	14.214	11.331	9.744	8.323	7.816	8.302	10.576	11.073	11.785	12.333	20.696
	TOTAL OBS	2922	2555	2787	2677	2679	2713	2772	2866	2729	2793	2796	2708	32977
18-20	MEAN	36.8	42.3	50.3	62.0	71.7	81.9	86.8	85.8	75.2	63.8	48.7	39.1	62.4
	S D	11.984	11.521	12.685	10.330	8.903	7.928	7.565	7.737	9.523	9.676	10.293	10.267	20.254
	TOTAL OBS	2457	2150	2343	2265	2306	2367	2416	2470	2339	2418	2358	2197	28108
21-23	MEAN	33.7	38.3	44.7	56.0	65.6	75.1	79.8	79.1	69.6	59.5	45.0	36.2	57.5
	S D	11.257	10.508	11.270	9.723	8.014	6.843	5.921	6.293	8.042	8.945	10.210	9.775	18.652
	TOTAL OBS	1966	1693	1892	1836	1911	2026	2076	2071	2002	2001	1911	1815	23200
ALL HOURS	MEAN	35.0	39.8	47.0	58.8	68.4	77.9	82.6	81.7	72.3	62.1	47.6	37.7	59.5
	S D	13.221	12.794	13.936	12.132	10.765	9.925	9.545	9.829	11.147	11.638	12.204	11.761	20.464
	TOTAL OBS	19971	17445	18858	18336	18871	19074	19506	19989	19146	19549	19138	18479	228062

DATA PROCESSING FORMS 6472

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-75 (YEARS)

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
00-02	MEAN	29.4	33.2	37.4	48.2	57.9	66.1	68.7	68.2	60.2	51.9	39.3	31.6	49.7
	S D.	10,361	9,619	9,655	9,272	7,430	5,388	3,741	4,169	7,159	8,388	10,093	8,775	16,431
	TOTAL OBS	1757	1528	1598	1607	1641	1739	1802	1780	1737	1807	1710	1674	20400
03-05	MEAN	27.8	31.2	35.8	46.6	56.3	64.7	67.5	66.7	59.3	50.1	37.9	30.4	48.1
	S D	10,612	9,698	10,046	9,637	7,749	5,437	3,783	4,349	7,514	8,814	10,134	9,256	16,633
	TOTAL OL.	2217	1927	2055	2042	2057	2084	2166	2203	2129	2169	2113	2022	25184
06-08	MEAN	26.7	30.1	35.8	47.1	57.2	65.7	68.6	67.2	59.7	49.8	37.6	29.4	48.1
	S D	10,765	9,483	10,171	9,556	7,667	5,481	3,864	4,420	7,561	8,860	9,968	9,391	17,250
	TOTAL OBS	2744	2400	2585	2497	2538	2606	2645	2743	2601	2662	2592	2522	31135
09-11	MEAN	30.2	34.3	40.7	51.6	60.9	68.7	71.7	70.5	63.7	54.6	42.6	33.2	51.9
	S D	10,950	9,649	10,320	9,086	7,468	5,362	3,791	4,161	7,245	8,294	9,605	9,451	16,909
	TOTAL OBS	2940	2582	2807	2702	2717	2765	2813	2926	2777	2831	2820	2752	33432
12-14	MEAN	34.7	38.7	44.5	56.4	62.9	70.3	72.8	71.8	65.6	57.2	46.1	37.6	54.8
	S D	11,260	9,899	10,249	8,742	7,374	5,228	3,818	4,102	6,891	8,017	9,413	9,643	15,849
	TOTAL OBS	2950	2590	2809	2707	2717	2764	2814	2928	2790	2835	2830	2762	33496
15-17	MEAN	33.8	39.9	45.5	55.0	63.4	70.6	73.7	71.0	65.6	57.5	46.3	38.2	55.2
	S D	11,202	9,794	9,928	8,447	7,023	5,110	3,779	3,983	6,682	7,841	9,222	9,586	15,665
	TOTAL OBS	2921	2555	2767	2676	2679	2713	2772	2866	2789	2789	2793	2699	33959
18-20	MEAN	32.8	37.0	42.9	52.9	62.0	69.5	71.6	70.7	63.5	55.0	42.8	34.9	53.2
	S D	10,535	9,446	9,857	8,312	7,006	5,102	3,830	4,055	6,739	8,047	9,185	8,878	16,026
	TOTAL OBS	2456	2148	2343	2263	2306	2366	2416	2470	2359	2415	2355	2194	28099
21-23	MEAN	30.8	34.7	39.7	50.0	59.2	67.6	70.0	69.3	61.4	53.1	40.5	33.0	51.4
	S D	10,334	9,358	9,702	8,943	7,197	5,237	3,877	4,188	6,917	8,195	9,530	8,868	16,227
	TOTAL OBS	1966	1692	1892	1838	1911	2025	2076	2071	2001	1998	1909	1814	23191
ALL HOURS	MEAN	31.2	35.1	40.7	51.0	60.3	68.1	70.6	69.7	62.6	53.9	41.9	33.8	51.8
	S D	11,260	10,207	10,672	9,529	7,787	5,686	4,258	4,589	7,491	8,781	10,155	9,804	16,366
	TOTAL OBS	19951	17422	18856	18930	18566	19062	19506	19987	19148	19506	19122	18439	227890

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13909 — STATION
VANCE AFB OKLAHOMA/ENID — STATION NAME
42-75 — YEARS

HRS. (L S.T.)		JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
00-02	MEAN	24.6	28.5	32.2	43.5	55.0	63.3	65.3	64.7	55.7	47.3	34.3	26.8	45.5
	S D	12.085	11.009	11.252	11.165	8.470	6.050	5.130	5.576	9.352	10.586	12.087	10.524	17.805
	TOTAL OBS	1757	1528	1598	1607	1641	1739	1802	1780	1757	1807	1710	1674	20400
03-05	MEAN	23.3	26.8	31.1	42.4	53.8	62.6	64.7	63.7	55.9	46.2	33.5	25.9	44.4
	S D	12.414	11.159	11.483	11.486	8.641	5.937	4.840	5.494	9.128	10.808	11.955	10.822	18.057
	TOTAL OBS	2217	1927	2055	2042	2057	2084	2166	2209	2129	2169	2113	2022	25184
06-08	MEAN	22.3	25.8	31.1	42.7	54.1	62.8	65.2	63.9	56.4	45.9	33.2	25.0	44.2
	S D	12.489	10.968	11.664	11.419	8.733	6.027	4.757	5.366	9.059	10.711	11.790	10.925	18.463
	TOTAL OBS	2744	2400	2585	2497	2538	2606	2645	2743	2600	2662	2592	2522	31134
09-11	MEAN	24.0	27.6	33.0	44.2	55.0	63.4	65.8	64.7	57.8	47.5	35.4	26.9	45.5
	S D	12.539	11.132	12.081	11.897	9.459	6.264	5.098	5.406	9.182	10.965	11.841	11.017	18.193
	TOTAL OBS	2940	2582	2807	2702	2717	2765	2813	2926	2777	2831	2820	2751	33431
12-14	MEAN	25.8	29.0	33.9	44.6	55.1	63.2	64.8	63.6	57.3	47.6	36.2	28.6	45.9
	S D	12.443	11.375	12.151	12.053	9.894	6.544	5.825	5.947	9.436	11.260	11.928	11.029	17.562
	TOTAL OBS	2950	2890	2809	2707	2717	2763	2814	2928	2790	2835	2830	2762	33495
15-17	MEAN	26.2	29.2	33.7	44.2	54.9	62.8	63.9	62.7	56.4	47.1	36.3	29.2	45.6
	S D	12.429	11.286	12.130	12.135	9.925	6.771	6.152	6.196	9.466	11.238	11.789	10.948	17.223
	TOTAL OBS	2921	2555	2787	2676	2679	2713	2772	2866	2729	2789	2793	2699	32959
18-20	MEAN	26.0	29.3	33.9	44.6	55.7	63.2	64.4	63.3	56.2	47.6	35.6	28.4	45.9
	S D	12.147	11.040	11.871	11.576	9.378	6.700	6.058	6.211	9.301	10.787	11.584	10.426	17.275
	TOTAL OBS	2456	2148	2342	2263	2306	2366	2418	2470	2389	2415	2385	2194	28093
21-23	MEAN	25.3	29.2	33.3	44.2	55.7	63.8	65.4	64.4	56.0	47.4	34.9	27.5	46.2
	S D	11.977	10.705	11.483	11.207	8.650	6.386	5.637	5.909	9.354	10.891	11.719	10.415	17.592
	TOTAL OBS	1966	1692	1892	1836	1911	2025	2076	2071	2001	1998	1909	1814	23191
ALL HOURS	MEAN	24.7	28.1	32.8	43.9	54.9	63.1	64.9	63.8	56.6	47.1	35.0	27.3	45.4
	S D	12.419	11.178	11.867	11.702	9.259	6.371	5.513	5.816	9.319	10.918	11.870	10.869	17.790
	TOTAL OBS	19951	17422	18856	18330	18568	19061	19506	19987	19142	19506	19122	18438	227887

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-75 (PERIOD) ALL (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	100.0	99.6	97.8	92.6	83.3	69.6	51.3	32.6	13.3	69.6	19947
FEB		100.0	99.2	95.5	87.8	77.5	64.5	49.3	32.2	15.0	67.7	17414
MAR		100.0	98.0	92.1	82.7	70.1	56.2	41.6	26.5	12.1	63.6	18855
APR		99.9	98.4	92.9	83.3	69.7	54.5	38.8	23.7	9.9	62.8	18328
MAY		100.0	99.4	96.2	89.1	77.7	63.1	46.9	29.1	10.9	66.9	18563
JUN		100.0	99.9	97.6	88.2	74.3	57.7	41.8	25.5	8.2	64.9	19060
JUL		100.0	99.3	93.4	80.3	65.4	49.1	33.5	18.9	5.7	60.2	19500
AUG		100.0	99.6	93.2	79.2	63.6	48.2	33.4	19.1	5.6	59.8	19986
SEP		100.0	98.6	92.8	82.6	68.9	54.4	39.4	24.7	9.4	62.7	19140
OCT		100.0	98.6	92.7	82.4	70.1	55.5	40.0	24.8	10.2	63.1	19501
NOV		100.0	99.7	96.4	87.8	75.2	59.8	42.8	26.5	11.3	65.6	19120
DEC		100.0	99.7	97.8	92.8	82.7	67.7	50.1	31.5	13.8	69.2	18434
TOTALS		100.0	99.2	94.9	85.7	73.2	58.4	42.4	26.3	10.5	64.7	227848

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-75 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.9	98.8	94.8	84.2	63.7	42.4	17.2	75.7	1757
	03-05	100.0	100.0	99.8	99.1	96.2	87.5	70.1	46.3	20.0	77.5	2216
	06-08	100.0	100.0	99.9	99.5	97.2	89.9	72.8	46.5	18.7	78.1	2744
	09-11	100.0	99.9	99.3	95.8	87.0	70.2	49.0	28.8	12.5	69.8	2938
	12-14	100.0	98.9	94.3	81.6	62.9	43.3	28.0	17.8	7.1	59.0	2949
	15-17	100.0	97.8	91.3	75.9	57.8	40.9	27.6	16.6	6.8	57.0	2921
	18-20	100.0	99.9	98.3	92.8	79.8	63.8	43.9	26.3	9.9	67.0	2456
	21-23	100.0	100.0	99.7	97.6	90.5	76.7	55.2	35.8	14.3	72.5	1966
TOTALS		100.0	99.6	97.8	92.6	83.3	69.6	51.3	32.6	13.3	69.6	19947

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.7	97.6	91.2	81.8	65.4	44.3	21.5	76.0	1525
	03-05	100.0	100.0	99.9	98.7	94.3	85.7	69.5	46.6	22.3	77.3	1925
	06-08	100.0	100.0	99.8	98.8	95.4	87.2	70.8	47.4	20.6	77.7	2399
	09-11	100.0	99.8	97.8	90.9	79.3	62.6	44.2	29.8	14.5	67.5	2581
	12-14	100.0	98.1	88.4	71.9	54.7	38.4	27.1	17.4	8.1	56.0	2590
	15-17	100.0	96.2	82.9	64.5	48.9	34.7	24.0	14.4	7.0	52.8	2555
	18-20	100.0	99.5	95.5	85.1	69.8	54.4	37.9	22.3	9.5	63.0	2147
	21-23	100.0	99.9	99.6	94.9	86.2	71.4	55.7	35.3	16.1	71.6	1692
TOTALS		100.0	99.2	95.5	87.8	77.5	64.5	49.3	32.2	15.0	67.7	17414

DATA PROCESSING BRANCH
1 STAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	99.9	99.7	98.7	95.9	85.2	74.2	59.6	39.7	17.6	72.8	1598
	03-05	100.0	100.0	99.7	98.0	91.8	78.7	63.0	42.1	19.9	75.0	2055
	06-08	100.0	100.0	99.8	97.6	92.2	80.3	63.3	40.5	18.4	74.8	2585
	09-11	100.0	99.4	94.3	83.9	69.4	51.8	34.8	21.3	10.3	62.1	2807
	12-14	99.9	95.0	81.7	64.2	46.9	31.9	20.4	12.8	5.8	51.5	2808
	15-17	99.9	92.2	75.5	56.5	39.6	27.8	18.7	12.3	5.3	48.2	2767
	18-20	100.0	98.0	89.8	75.2	59.2	41.7	27.9	16.6	7.4	57.1	2343
	21-23	100.0	99.8	97.6	90.5	76.4	63.5	45.2	26.9	12.2	66.9	1892
TOTALS		100.0	98.0	92.1	82.7	70.1	56.2	41.6	26.5	12.1	63.6	18855

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-45,49-75 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.9	99.4	97.1	88.6	74.4	56.8	37.4	16.0	72.7	1605
	03-05	100.0	99.9	99.7	97.9	92.0	80.6	64.6	42.3	18.3	75.4	2042
	06-08	100.0	100.0	99.8	98.1	91.3	77.9	59.6	37.2	14.5	73.5	2497
	09-11	100.0	98.9	94.3	82.9	65.2	47.2	29.8	15.7	6.8	59.7	2702
	12-14	99.9	96.3	83.1	64.1	45.0	28.8	16.5	9.6	4.1	50.3	2707
	15-17	99.7	94.3	77.6	57.2	39.3	25.4	14.4	8.4	3.6	47.6	2676
	18-20	99.9	98.5	90.9	75.8	57.4	39.4	24.8	13.3	5.6	56.2	2263
	21-23	99.9	99.7	98.3	93.0	78.8	62.1	43.6	26.0	9.9	66.8	1836
TOTALS		99.9	98.4	92.9	83.3	69.7	54.5	38.8	23.7	9.9	62.8	18328

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909	VANCE AFB OKLAHOMA/ENID	42,44-46,49-75	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	98.7	97.1	90.9	74.5	49.3	21.1	78.9	1641
	03-05	100.0	100.0	100.0	99.5	98.4	94.7	84.0	61.1	25.5	82.1	2057
	06-08	100.0	100.0	100.0	99.4	96.7	88.8	71.5	45.3	16.2	77.6	2538
	09-11	100.0	99.7	97.6	90.2	73.8	51.5	31.5	14.9	4.1	61.9	2717
	12-14	100.0	98.7	90.5	73.6	50.9	29.7	15.2	6.9	2.1	52.4	2717
	15-17	99.9	97.6	87.3	68.2	44.3	25.4	14.2	7.4	2.1	50.1	2677
	18-20	100.0	98.9	95.2	86.2	68.6	45.6	28.1	14.9	4.6	59.8	2305
	21-23	100.0	99.9	99.1	97.3	91.9	78.4	55.9	33.1	11.7	72.4	1911
TOTALS		100.0	99.4	96.2	89.1	77.7	63.1	46.9	29.1	10.9	66.9	18563

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (PERIOD) JUN (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%		
JUN	00-02	100.0	100.0	99.9	99.2	96.5	87.1	71.5	48.3	15.0	77.2	1738
	03-05	100.0	100.0	100.0	99.8	98.8	94.4	83.0	61.3	23.1	81.9	2084
	06-08	100.0	100.0	100.0	99.6	97.1	87.8	68.8	43.2	13.1	76.6	2606
	09-11	100.0	100.0	99.0	91.8	73.5	47.1	25.0	11.2	3.0	60.6	2765
	12-14	100.0	99.8	94.0	73.2	46.0	22.1	9.8	4.4	.8	50.5	2763
	15-17	100.0	99.6	91.0	64.1	35.8	16.1	8.2	2.6	.9	47.5	2713
	18-20	100.0	100.0	96.7	81.3	58.6	35.6	18.0	7.1	2.4	55.6	2366
	21-23	100.0	100.0	99.8	96.9	87.9	71.2	50.3	25.6	7.0	69.5	2025
TOTALS		100.0	99.9	97.6	88.2	74.3	57.7	41.8	25.5	8.2	64.9	19060

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.8	97.7	91.1	76.0	57.4	34.7	10.0	72.3	1802
	03-05	100.0	100.0	100.0	99.3	96.2	86.7	68.6	44.6	15.7	76.8	2166
	06-08	100.0	100.0	99.9	98.5	93.7	78.3	57.6	32.7	9.3	72.6	2643
	09-11	100.0	99.6	96.7	84.2	61.3	37.4	19.7	8.7	2.3	56.5	2813
	12-14	100.0	98.3	85.3	57.6	32.6	17.2	7.7	3.5	.9	45.9	2813
	15-17	100.0	97.4	77.4	47.1	26.4	14.2	6.9	2.5	.8	42.9	2769
	18-20	100.0	99.3	89.6	65.5	42.9	26.3	14.4	6.1	1.8	50.2	2418
	21-23	100.0	99.9	98.6	92.7	78.8	56.7	36.0	18.7	4.7	64.2	2076
TOTALS		100.0	99.3	93.4	80.3	65.4	49.1	33.5	18.9	5.7	60.2	19500

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

RELATIVE HUMIDITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 AUG

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	94.9	97.0	87.2	74.3	55.8	32.4	9.3	71.4	1780
	03-05	100.0	100.0	100.0	99.4	94.6	82.3	66.1	43.8	14.6	75.7	2203
	06-08	100.0	100.0	99.9	99.1	93.9	79.7	59.5	36.5	12.2	73.7	2743
	09-11	100.0	100.0	97.3	84.3	61.4	38.2	20.9	10.0	2.1	56.9	2926
	12-14	100.0	99.2	83.3	54.9	30.6	17.1	8.9	4.2	1.1	45.5	2928
	15-17	100.0	98.0	76.1	43.6	23.9	14.0	6.9	3.2	.7	42.1	2866
	18-20	100.0	99.7	89.4	64.3	42.1	25.2	14.0	6.1	1.2	49.8	2470
	21-23	100.0	100.0	99.3	90.8	74.8	54.7	34.9	16.5	3.8	63.0	2070
TOTALS		100.0	99.6	93.2	79.2	63.6	48.2	33.4	19.1	5.6	59.8	19986

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,49-75 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	99.9	99.9	98.6	93.1	82.4	71.4	54.1	34.3	14.1	70.6	1757
	03-05	100.0	100.0	99.6	97.9	90.9	82.0	68.2	47.8	19.4	76.4	2129
	06-08	100.0	99.9	99.6	97.5	92.5	83.7	68.9	47.7	17.7	76.4	2599
	09-11	100.0	99.4	95.2	85.4	71.6	51.9	32.6	16.7	6.2	61.4	2777
	12-14	99.9	96.2	84.4	66.6	45.2	26.2	15.4	8.1	2.8	50.1	2790
	15-17	99.9	94.6	79.3	58.4	36.6	22.1	13.0	6.7	2.3	46.9	2728
	18-20	100.0	98.9	89.1	74.3	56.5	38.3	23.4	12.4	3.9	55.2	2359
	21-23	100.0	100.0	96.7	87.3	75.1	59.9	39.2	23.5	8.5	64.6	2001
TOTALS		100.0	98.6	92.8	82.6	68.9	54.4	39.4	24.7	9.4	62.7	19140

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA, ENID (STATION NAME) 42-46,48-75 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	98.5	94.6	87.4	74.9	56.6	34.8	16.0	72.0	1805
	03-05	100.0	100.0	99.3	97.1	91.8	83.5	65.6	43.9	20.4	76.0	2168
	06-08	100.0	100.0	99.4	97.7	92.9	83.0	67.1	43.7	17.3	75.8	2661
	09-11	100.0	99.3	94.4	83.4	67.3	47.0	29.5	17.0	6.6	60.1	2831
	12-14	100.0	95.6	81.3	60.8	41.0	25.0	16.0	9.9	3.4	48.9	2835
	15-17	100.0	94.5	77.7	55.8	37.6	22.5	15.0	9.1	3.1	47.0	2789
	18-20	100.0	99.6	93.1	79.1	63.2	44.7	27.8	15.6	5.2	58.5	2414
	21-23	100.0	100.0	97.6	90.9	79.8	63.6	42.4	24.7	9.8	66.6	1998
TOTALS		100.0	98.6	92.7	82.4	70.1	55.5	40.0	24.8	10.2	63.1	19501

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13909	VANCE AFB OKLAHOMA/ENID	42-46,48-75	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	97.4	90.4	74.6	57.0	36.1	15.8	72.8	1710
	03-05	100.0	100.0	99.9	98.9	94.7	82.5	64.7	41.7	18.9	75.8	2113
	06-08	100.0	100.0	100.0	98.8	94.1	84.9	65.9	43.6	17.6	76.1	2592
	09-11	100.0	99.9	97.7	89.3	74.6	55.8	36.2	20.6	9.0	64.0	2820
	12-14	100.0	99.8	87.9	69.2	48.7	31.2	19.3	11.5	5.7	52.8	2828
	15-17	100.0	98.6	87.3	66.6	46.2	31.4	19.4	11.1	5.3	52.2	2793
	18-20	100.0	100.0	98.6	87.4	71.1	52.7	32.7	18.9	7.6	62.7	2355
	21-23	100.0	100.0	99.5	94.9	82.1	65.6	46.9	28.7	10.8	68.6	1909
TOTALS		100.0	99.7	96.4	87.8	75.2	59.8	42.8	26.5	11.3	65.6	19120

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

RELATIVE HUMIDITY

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-46,48-74 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.1	93.3	81.1	62.5	39.5	18.2	75.1	1673
	03-05	100.0	100.0	100.0	99.0	95.2	85.4	70.1	45.1	19.6	77.0	2022
	06-08	100.0	100.0	100.0	99.4	96.2	87.3	70.5	46.0	18.9	77.4	2522
	09-11	100.0	100.0	98.9	94.9	83.2	65.9	47.3	28.4	12.3	68.7	2750
	12-14	100.0	98.9	93.7	79.7	60.9	41.4	26.8	16.6	7.5	58.1	2762
	15-17	99.9	98.6	92.0	78.9	60.7	41.5	27.8	16.8	7.7	57.9	2699
	18-20	100.0	99.9	98.3	93.9	82.6	62.7	43.4	25.3	11.1	67.2	2192
	21-23	100.0	100.0	99.7	97.4	89.8	76.0	52.4	34.5	15.3	72.1	1814
TOTALS		100.0	99.7	97.8	92.8	82.7	67.7	50.1	31.5	13.8	69.2	18434

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

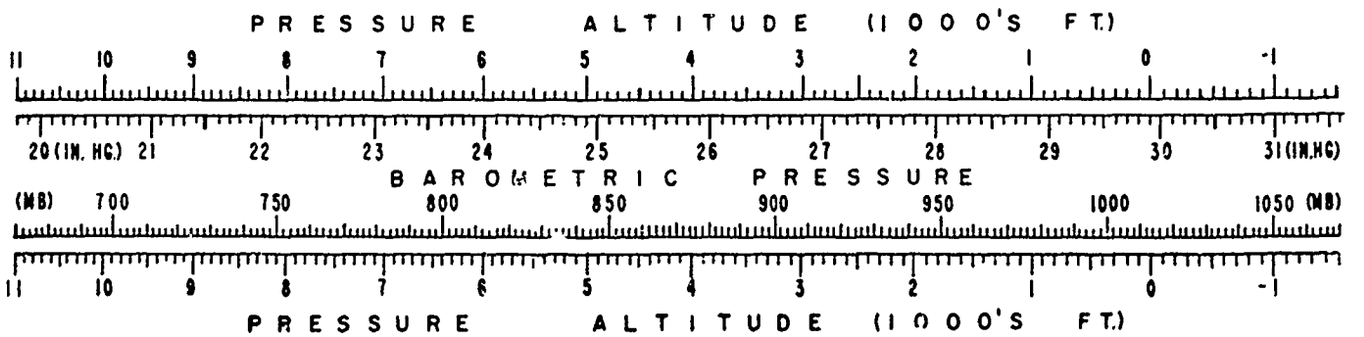
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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74-29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 46-63,65-75 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
00	MEAN	28.702	28.661	28.596	28.561	28.539	28.538	28.605	28.600	28.636	28.665	28.685	28.692	28.623
	S D	.245	.234	.239	.217	.161	.129	.093	.093	.136	.171	.235	.237	.196
	TOTAL OBS	466	401	417	418	468	491	497	478	469	483	454	435	5467
03	MEAN	28.696	28.654	28.584	28.550	28.543	28.528	28.597	28.595	28.634	28.660	28.678	28.685	28.617
	S. D.	.247	.232	.249	.221	.159	.130	.093	.093	.139	.173	.238	.240	.200
	TOTAL OBS	465	396	404	413	449	429	465	466	465	480	447	433	5308
06	MEAN	28.702	28.670	28.592	28.564	28.560	28.554	28.610	28.617	28.642	28.666	28.684	28.686	28.630
	S. D.	.247	.234	.235	.226	.165	.129	.092	.094	.142	.180	.234	.236	.198
	TOTAL OBS	710	621	665	645	690	690	692	746	700	718	699	667	8263
09	MEAN	28.735	28.700	28.621	28.586	28.583	28.574	28.633	28.639	28.666	28.695	28.713	28.714	28.656
	S. D.	.252	.231	.244	.226	.169	.129	.093	.096	.143	.185	.238	.240	.202
	TOTAL OBS	804	691	755	719	758	745	760	816	771	788	789	768	9164
12	MEAN	28.721	28.690	28.611	28.577	28.570	28.559	28.618	28.622	28.648	28.674	28.697	28.698	28.642
	S. D.	.251	.230	.242	.224	.167	.128	.093	.097	.141	.184	.235	.241	.201
	TOTAL OBS	808	691	752	723	757	749	757	822	782	791	794	777	9203
15	MEAN	28.673	28.634	28.554	28.527	28.528	28.519	28.576	28.576	28.597	28.623	28.649	28.652	28.593
	S. D.	.244	.226	.234	.218	.164	.127	.092	.098	.139	.179	.228	.235	.196
	TOTAL OBS	805	693	752	723	782	743	768	819	780	795	792	775	9200
18	MEAN	28.687	28.640	28.552	28.520	28.503	28.490	28.547	28.548	28.587	28.624	28.660	28.669	28.587
	S D.	.237	.220	.226	.211	.160	.126	.092	.104	.140	.176	.219	.227	.196
	TOTAL OBS	763	642	694	670	682	676	688	733	694	725	734	692	8393
21	MEAN	28.705	28.660	28.591	28.562	28.531	28.517	28.581	28.578	28.621	28.653	28.689	28.685	28.613
	S. D.	.237	.227	.228	.210	.156	.126	.091	.094	.136	.172	.224	.231	.193
	TOTAL OBS	599	485	540	529	587	577	598	617	585	581	563	509	6736
ALL HOURS	MEAN	28.704	28.665	28.588	28.556	28.544	28.536	28.597	28.598	28.629	28.657	28.682	28.685	28.621
	S. D.	.246	.230	.238	.221	.165	.130	.096	.101	.142	.180	.232	.237	.199
	TOTAL OBS	5400	4620	4985	4840	5149	5090	5210	5497	5246	5359	5272	5056	61734

USAF ETAC FORM 0-89-5 (OL 1)

DATA PROCESSING FORMS 04472

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13909 (STATION) VANCE AFB OKLAHOMA/ENID (STATION NAME) 42-47,49-63,66-75 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.0	1018.0	1015.2	1013.4	1012.1	1011.4	1013.9	1013.4	1015.2	1016.9	1018.5	1019.5	1015.5
	S D.	9.104	8.694	8.885	7.900	6.109	4.952	3.505	3.535	5.085	6.446	8.565	8.529	7.500
	TOTAL OBS	553	484	535	536	553	591	609	595	589	597	543	527	6712
03	MEAN	1019.8	1017.7	1014.8	1013.0	1011.6	1011.1	1012.6	1013.3	1015.2	1016.7	1018.3	1019.3	1015.3
	S. D.	9.191	8.852	9.130	8.106	6.062	4.989	3.496	3.515	5.126	6.493	8.705	8.625	7.622
	TOTAL OBS	557	479	523	533	536	547	589	589	584	595	538	526	6596
06	MEAN	1020.1	1018.5	1015.3	1013.6	1012.8	1012.2	1014.6	1014.3	1015.9	1017.3	1018.7	1019.3	1016.0
	S D	9.176	8.832	8.732	8.297	6.067	4.969	3.469	3.704	5.155	6.692	8.652	8.697	7.555
	TOTAL OBS	754	648	719	682	692	722	733	777	747	765	708	680	8627
09	MEAN	1021.3	1019.7	1016.4	1014.6	1013.7	1012.9	1015.2	1015.1	1016.8	1018.2	1019.8	1020.5	1017.0
	S D	9.336	8.667	9.039	8.236	6.151	4.927	3.503	3.686	5.220	6.793	8.717	8.835	7.698
	TOTAL OBS	815	703	793	739	741	758	780	828	798	814	782	787	9318
12	MEAN	1020.8	1019.4	1015.8	1014.0	1013.2	1012.3	1014.6	1014.4	1016.0	1017.5	1019.0	1019.8	1016.4
	S D	9.227	8.634	8.984	8.164	6.102	4.936	3.522	3.708	5.172	6.744	8.708	8.866	7.668
	TOTAL OBS	820	702	790	741	738	764	778	834	812	819	786	776	9360
15	MEAN	1018.9	1017.1	1013.7	1012.3	1011.7	1010.8	1013.1	1012.7	1014.1	1015.6	1017.3	1018.2	1014.6
	S D	9.022	8.473	8.715	7.916	6.077	4.884	3.499	3.777	5.131	6.596	8.421	8.665	7.480
	TOTAL OBS	817	705	791	741	749	758	785	833	812	820	785	776	9366
18	MEAN	1019.6	1017.4	1013.8	1012.1	1010.8	1009.9	1012.1	1011.8	1013.9	1015.8	1017.9	1018.9	1014.5
	S. D.	8.782	8.270	8.339	7.776	5.887	4.851	3.519	3.687	5.076	6.907	8.108	8.389	7.546
	TOTAL OBS	782	667	746	703	680	706	725	761	741	766	742	701	8720
21	MEAN	1020.3	1018.0	1015.1	1013.5	1011.7	1010.8	1013.2	1012.8	1015.0	1016.8	1018.7	1019.6	1015.4
	S D	8.819	8.544	8.539	7.762	5.855	4.833	3.491	3.699	5.028	6.486	8.239	8.302	7.443
	TOTAL OBS	642	554	640	634	637	666	684	701	683	675	625	590	7721
ALL HOURS	MEAN	1020.1	1018.3	1015.0	1013.3	1012.3	1011.4	1013.8	1013.5	1015.3	1016.9	1018.5	1019.4	1015.6
	S D	9.111	8.653	8.831	8.064	6.107	5.002	3.424	3.813	5.209	6.658	8.542	8.653	7.613
	TOTAL OBS	5740	4942	5537	5299	5322	5512	5681	5918	5786	5851	5509	5343	66420

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