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DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

TINKER AFB OK/OKLAHOMA CITY WBAN# 13919
N 35 25 W 097 23 ELEV 1291 FT KTIK WMO# 723543

POR FROM HOURLY OBS: DEC 42-FEB 46, SEP 46-DEC 72
POR FROM DAILY OBS: DEC 42-FEB 46, SEP 46-DEC 72

JUN 11 1975

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CARL A BOWER, JR
Chief, Data Reference Section
Climatological Services Branch

FOR THE COMMANDER



WALTER S BURGMANN
Scientific & Technical Information Officer

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-78/001	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO) - Tinker AFB, Oklahoma City, Oklahoma.		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 11 Jun 75
		13. NUMBER OF PAGES 489p.
		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *Climatological Data Daily temperature *RUSSWO *Tinker AFB, OK Extreme temperature *Oklahoma Climatology Surface winds Extreme snow depth Snowfall Sea level pressure Psychrometric summary Ceiling versus Visibility Extreme surface winds Atmospheric pressure (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This six-part statistical summary of surface weather observations for Tinker AFB, Oklahoma City, Oklahoma contains the following parts: (A) Weather Conditions and Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow depth; (C) Surface winds; (D) Ceiling versus visibility; Sky cover; (E) Daily Temperature: Maximum, Minimum and Mean; Extreme Temperature: Maximum and Minimum; Psychrometric Summary of dry-bulb versus wet-bulb temperature; Mean and Standard Deviations of Temperatures: Dry bulb, Wet bulb and Dew point; Relative Humidity; (F) Station (atmospheric) pressure; sea level pressure. Data in this (over)		

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19. Relative Humidity

Dry-bulb temperature versus wet-bulb temperature

Percentage frequency of distribution tables

Cumulative percentage frequency of distribution tables

20. report are presented in tabular form; in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

78 09 29 019

STATION NO ON SUMMARY		STATION NAME		LONGITUDE		STATION ELEV. (FT)		CALL SIGN		WMO NUMBER	
13919		TINKER AFB OKLAHOMA/OKLAHOMA CITY		N 35 25 W 097 23		1301		KTKK		72354	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Tinker Fld AAF Oklahoma	AAF	Dec 42	Feb 46	N 35 26	W 097 23	1257	1260	24
2	Same	Same	Sep 46	May 48	Same	Same	Same	Same	24
3	Tinker AFB Oklahoma	AFB	Jun 48	Aug 49	Same	Same	Same	1256	24
4	Same	Same	Sep 49	Feb 50	Same	Same	Same	1234	24
5	Same	Same	Mar 50	May 50	N 35 25	Same	Same	1240	24
6	Same	Same	Jun 50	Feb 55	Same	Same	127	1260	24
7	Same	Same	Mar 55	Jan 56	Same	Same	Same	1262	24
8	Same	Same	Feb 56	Feb 58	Same	Same	1301	Same	24
9	Same	Same	Mar 58	Feb 61	Same	Same	Same	1260	24
10	Same	Same	Mar 61	21 Oct 63	Same	Same	Same	1353	24
11	Same	Same	22 Oct 63	Dec 72	Same	Same	Same	1260	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	Dec 42 to Feb 46	Not available.	Seisys	ML-144	N/A	
2	Sep 46 to Dec 48	Not available.	Same	Same	N/A	
3	Jan 49 to Nov 50	Not available.	Same	Same	N/A	
4	Dec 50 to Feb 59	Located on top of Hangar over the Station.	Same	Same	95 Ft	
5	Mar 59 to Feb 62	Located 1/4 mile W of N-S Rwy and 1 mile S of weather Station in open field.	AN/GMC-11	RO-2	13 Ft	
6	Mar 62 to Feb 63	Located 1100 ft W of N-S Rwy centerline, 3/4 mile S of Stn in open field.	Same	Same	Same	

DATE OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	MT. ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
7 Mar 63 to Feb 68	AN/GMQ-11 1. Located 1350 ft S of N edge and 750 ft E of centerline of N-S Rnwy. 2. Located 750 ft N and 1127 ft W of centerline of S end of N-S Rnwy.	AN/GMQ-11	RO-2	13 Ft	
8 Mar 68 to Feb 69	1. Located 1127 ft W of centerline, 750 ft. N from end of Rnwy 35. 2. Located 650 ft E of centerline, 175 ft S from end of Rnwy 17.	Same	Same	Same	
9 Mar 69 to Sep 70	1. Same 2. Same	Same	RO-362	Same	
10 Oct 70 to Dec 72	1. Located E of centerline, 1350 ft SW of end of Rnwy 17. 2. Located W of centerline, 1350 ft NW of end of Rnwy 35.	Same	Same	Same	

PART A WEATHER CONDITIONS

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

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

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

Thunderstorms - All reported occurrences of thunder, 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.

WEATHER CONDITIONS

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 STATION NAME YEARS MONTH ALL

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	5.3	1.7	4.0		10.6	12.8	.7	.6	.3	14.2	22160
FEB		.3	7.1	1.2	2.9	.0	10.8	12.4	.6	.4	.7	13.9	19689
MAR		.6	6.3	.3	2.1	.0	8.4	7.5	.6	.3	1.3	9.7	21438
APR		1.7	6.6	.0	.1	.0	6.6	4.1	.4		1.0	5.5	20727
MAY		3.2	7.9			.0	7.9	3.8	.5		.1	4.4	21486
JUN		2.5	4.6			.0	4.6	1.3	.7		.1	2.0	20457
JUL		2.0	4.0			.0	4.0	1.0	.2		.0	1.2	21142
AUG		1.7	3.5				3.5	1.4	.4		.0	1.8	21517
SEP		1.4	5.3			.0	5.3	3.7	.5		.0	4.1	21537
UCT		.6	5.1	.0	.0	.0	5.2	4.0	.3		.1	4.4	22290
NDV		.3	5.6	.2	.8		6.3	5.8	.6	.0	.1	6.4	21500
DEC		.1	6.1	1.3	2.1	.0	9.4	11.7	.7	.2	.2	12.5	22644
TOTALS		1.2	5.6	.4	1.0	.0	6.9	5.8	.5	.1	.3	6.7	256587

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-72

YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH.	HOURS (L-ST.)	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	.1	5.8	1.7	3.7		10.9	12.9	.4	.5	.3	13.9	2765
	03-05	.1	5.6	2.1	3.5		11.0	13.7	.3	.6	.3	14.7	2774
	06-08	.0	6.3	2.1	4.5		12.4	15.3	1.1	.6	.1	16.9	2776
	09-11	.0	5.5	2.0	5.9		12.5	17.4	1.3	.9	.2	19.5	2768
	12-14		4.3	1.4	4.7		9.8	12.3	.6	.6	.5	13.8	2772
	15-17	.1	5.1	1.5	3.1		9.2	10.3	.8	.5	.6	11.9	2773
	18-20	.1	4.9	1.5	2.8		8.8	9.5	.8	.3	.4	10.9	2770
	21-23	.1	5.2	1.6	3.7		10.1	11.1	.3	.5	.3	11.9	2762
TOTALS		.1	5.3	1.7	4.0		10.6	12.8	.7	.6	.3	14.2	22160

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.2	6.9	1.3	2.8		10.8	12.3	.3	.3	.7	13.4	2463
	03-05	.3	7.2	1.6	3.8	.0	12.5	13.8	.2	.3	.4	14.6	2461
	06-08	.2	8.7	1.2	3.8	.0	13.3	16.1	.9	.6	.3	17.6	2460
	09-11	.1	8.2	1.3	3.7		12.5	16.9	1.1	.5	.8	19.2	2463
	12-14	.2	7.1	.8	2.8		10.4	10.4	.9	.5	.8	12.4	2461
	15-17	.2	6.1	.9	2.2	.0	9.1	9.4	.6	.5	1.1	11.3	2458
	18-20	.6	6.1	1.1	1.9	.0	8.9	9.6	.2	.3	1.1	10.9	2459
	21-23	.5	6.1	1.0	2.2		9.0	10.3	.4	.4	.7	11.6	2464
TOTALS		.3	7.1	1.2	2.9	.0	10.8	12.4	.6	.4	.7	13.9	19689

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 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	2.4	6.2	.0			6.2	3.5	.1		.7	4.2	2594
	03-05	2.1	7.2	.0	.1		7.3	5.4	.2		.5	6.0	2596
	06-08	1.2	7.3		.2		7.4	9.6	.8		.6	10.8	2591
	09-11	.7	6.4		.0	.0	6.4	5.0	.6		1.1	6.6	2591
	12-14	1.0	6.1	.0	.1		6.2	2.4	.4		1.4	4.1	2591
	15-17	1.2	6.3		.1		6.4	2.1	.5		1.3	3.9	2591
	18-20	2.9	7.1			.0	7.1	2.6	.5		1.7	4.7	2584
	21-23	2.1	5.9	.0		.1	6.0	2.5	.1		1.0	3.6	2589
TOTALS		1.7	6.6	.0	.1	.0	6.6	4.1	.4		1.0	5.5	20727

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

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	5.6				5.6	.9	.4		.1	1.4	2557
	03-05	4.5	6.4				6.4	2.5	.5			3.0	2555
	06-08	2.1	6.9				6.9	4.3	1.5		.2	5.7	2554
	09-11	1.4	4.7				4.7	1.2	.9		.0	2.1	2563
	12-14	.6	2.8				2.8	.5	.5		.0	1.1	2558
	15-17	1.7	2.8			.1	2.8	.3	.4		.1	.8	2557
	18-20	2.1	2.7			.0	2.7	.2	.6		.1	.9	2560
	21-23	3.1	4.7			.0	4.7	.4	.4			.8	2553
TOTALS		2.5	4.6			.0	4.6	1.3	.7		.1	2.0	20457

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

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	1.1	.1			1.2	2686
	03-05	3.7	5.5				5.5	2.1	.1			2.2	2686
	06-08	1.3	4.8				4.8	4.6	1.6			6.1	2692
	09-11	.2	3.7				3.7	1.8	1.0			2.7	2693
	12-14	.8	2.9				2.9	.5	.3			.7	2686
	15-17	1.3	2.3				2.3	.3	.1			.3	2688
	18-20	1.7	2.2				2.2	.3	.1		.1	.4	2692
	21-23	1.5	2.4				2.4	.4				.4	2694
TOTALS		1.7	3.5				3.5	1.4	.4		.0	1.8	21517

WEATHER CONDITIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

UCT 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.
UCT	00-02	.9	4.9				4.9	3.4	.2		.1	3.8	2707
	03-05	.9	6.1				6.1	5.1	.1			5.1	2788
	06-08	.2	6.3				6.3	8.5	.8		.0	9.2	2784
	09-11	.5	5.6				5.6	5.5	.3		.0	5.8	2787
	12-14	.5	4.6		.0		4.6	2.7	.3		.1	3.1	2785
	15-17	.5	4.5		.1	.0	4.5	2.3	.3		.4	2.9	2783
	18-20	.5	4.3		.1	.0	4.3	2.1	.1		.1	2.4	2786
	21-23	1.0	4.8	.0	.1		4.9	2.5	.1		.1	2.7	2790
TOTALS		.6	5.1	.0	.0	.0	5.2	4.0	.3		.1	4.4	22290

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WEATHER CONDITIONS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME YEARS NDV 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	.4	5.9	.1	.9		6.6	5.4	.3		.1	5.8	2687
	03-05	.3	6.0	.1	1.1		7.0	6.1	.3		.0	6.4	2687
	06-08		6.9	.1	.7		7.5	9.5	1.0			10.4	2686
	09-11	.3	6.3	.3	.6		7.2	7.6	1.0	.0	.3	8.8	2684
	12-14	.3	5.6	.3	.6		6.4	4.7	.3		.2	5.3	2690
	15-17	.3	4.4	.1	.9		5.2	4.2	.5		.0	4.6	2694
	18-20	.1	4.7	.1	.6		5.4	4.1	.8	.0	.1	4.9	2684
	21-23	.4	4.7	.1	.7		5.4	4.4	.6		.1	4.9	2688
TOTALS		.3	5.6	.2	.8		6.3	5.8	.6	.0	.1	6.4	21500

PART A

ATMOSPHERIC PHENOMENA

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

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

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence. This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XX WEATHER CONDITIONS
 ATMOSPHERIC PHENOMENA

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

46-72

ALL MONTH

YEARS

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	1.8	26.3	7.2	17.2	.2	34.8	33.2 ₀	5.3	3.3	.2	36.8	837
FEB		4.2	29.5	5.0	12.7	1.1	34.6	32.5 ₉	5.0	2.4	1.1	35.8	742
MAR		8.1	28.3	2.1	10.3	1.4	31.9	27.3 ₈	3.9	1.6	1.6	30.7	805
APR		18.5	37.0	.1	.6	2.8	36.3	20.3 ₆	3.2		.3	21.4	779
MAY		27.3	43.0			2.6	41.8	19.4 ₆	2.9		.1	20.5	506
JUN		26.0	36.7			1.4	35.9	9.8 ₃	3.1		.3	12.0	777
JUL		21.0	31.3			.9	30.4	8.6 ₃	2.0			9.7	806
AUG		16.5	28.8			.4	27.2	9.7 ₃	3.6		.2	11.8	806
SEP		14.0	33.1			.7	30.0	19.3 ₆	5.3		.1	20.9	810
OCT		7.6	26.7	.1	.2	.2	25.3	17.5 ₁	1.7			18.3	837
NOV		4.1	22.8	.7	4.6	.2	24.0	19.6 ₆	3.1	.1		21.1	810
DEC		2.2	27.3	5.3	9.3	.2	29.5	30.7 ₀	4.8	1.2	.2	32.4	837
TOTALS		12.6	30.9	1.7	4.6	1.0	31.8	20.6	3.7	.7	.3	22.6	9552

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:

Beginning thru 1945 at 0800LST
Jan 45-May 47 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

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

2

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME OKLAHOMA CITY 43-72 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	TRACE*	.0										TRACE	
47	4.2	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5
48	24.5	.4	10.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	25.8
49	19.5	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.9	20.5
50	4.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.1	.8	7.7
51	3.0	6.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.9	TRACE	12.0
52	2.1	2.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.8
53	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.7
54	4.4	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	9.1	15.3
55	3.8	.2	1.7	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	6.8
56	.3	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.2
57	.1	.0	TRACE	.2	.0	.0	.0	.0	.0	TRACE	TRACE	.0	.3
58	3.4	1.3	6.0	.0	.0	.0	.0	.0	.0	.0	1.2	11.0	22.9
59	2.5	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0
60	7.5	4.5	2.3	.0	.0	.0	.0	.0	.0	.0	.0	3.3	17.6
61	.3	6.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.5
62	3.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	4.6
63	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
64	TRACE	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
65	4.3	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.3
66	3.6	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.3
67	TRACE	TRACE	1.9	.0	.0	.0	.0	.0	.0	TRACE	.6	.4	2.9
68	.2	7.7	17.9	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	26.0
69	TRACE	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.8
70	2.0	TRACE	1.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.0
71	TRACE	4.1	.9	.0	.0	.0	.0	.0	.0	.0	.2	6.0	11.2
72	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	1.2	11.5
MEAN	3.61	1.77	1.89	.05	.00	.00	.00	.00	.00	TRACE	.54	1.75	9.89
S.D.	5.734	2.286	4.022	.198	.000	.000	.000	.000	.000	.000	1.356	3.055	8.442
TOTAL OBS.	837	742	806	780	806	780	806	806	810	837	810	837	9657

NOTE * (BASED ON < FULL MONTHS)

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

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72

YEARS

STATION NAME

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	.02	.55	2.28	2.33	9.16	1.53	.09	.63	.95	1.05	.34	3.29	22.22
44	2.51	1.36	2.47	3.25	4.42	4.54	1.32	2.19	2.73	5.43	2.68	2.24	35.14
45	1.26	2.50	4.02	4.42	3.88	13.54	5.73	2.32	10.78	.42	.07	.03	48.97
46	5.30	*TRACE							.48	.75	2.36	2.84	
47	.29	TRACE	.36	8.69	6.62	2.57	6.44	.01	.83	1.07	1.37	1.62	29.87
48	.32	2.07	5.16	.97	4.91	9.70	2.10	1.12	TRACE	.38	1.03	.53	28.35
49	6.09	1.23	1.37	.74	6.05	5.36	2.45	2.00	2.06	5.06	.00	1.28	33.69
50	.78	1.33	.23	.86	10.58	2.13	8.22	2.15	2.12	.28	.84	.16	29.68
51	.76	2.81	.88	4.64	6.73	4.97	3.30	3.31	4.46	1.97	1.23	.04	35.10
52	1.08	2.46	3.48	2.08	9.78	.35	2.91	2.21	.23	TRACE	2.04	.79	27.71
53	.44	1.27	3.76	4.00	2.46	2.19	4.62	3.24	.54	7.48	1.14	.88	32.02
54	.66	.82	.64	3.24	5.73	1.04	.05	.92	1.11	1.43	.07	1.64	17.35
55	1.28	.97	1.61	1.87	10.53	3.45	.29	2.31	5.64	6.08	.11	.02	34.16
56	.32	.68	.50	2.79	4.90	2.12	1.92	.63	.12	1.18	2.01	3.48	20.65
57	2.08	1.08	1.92	7.98	11.35	11.18	.74	2.15	4.87	2.06	2.86	1.02	49.29
58	1.41	1.33	3.35	4.03	2.18	8.94	2.24	3.79	2.21	.06	.81	1.89	32.24
59	.36	1.14	2.35	1.71	7.06	4.09	7.95	2.90	6.94	5.47	1.50	3.35	44.82
60	1.61	2.45	.65	4.41	8.49	4.80	7.09	2.08	1.30	3.70	.64	3.24	40.46
61	.03	1.13	1.66	1.15	2.33	3.31	7.95	1.31	11.32	2.78	4.22	.85	38.04
62	.68	.75	1.00	2.87	2.74	9.48	1.89	1.35	3.97	1.94	1.46	.82	28.95
63	.22	.23	3.22	3.62	1.62	1.57	7.45	1.25	1.94	.21*	1.51	1.00	*23.84
64	.76	2.58	1.96	2.35	4.60	.56	.82	4.08	4.00	1.33	7.26	.69	30.99
65	2.00	1.24	.85	2.38	3.95	2.27	1.97	6.20	4.53	.95	.16	3.28	29.78
66	.68	1.73	.86	3.69	.34	2.33	3.14	9.27	3.05	.52	.84	.26	26.71
67	.24	.37	2.59	6.70	3.90*	5.09	1.24	1.82	4.62	2.61	.26	.71	*30.15
68	2.37	.94	3.65	3.04	8.58	1.06	1.03	2.27	4.68	3.07	5.24	1.55	37.48
69	.90	2.04	2.65	1.72	3.78	4.90	2.59	1.97	3.64	2.70	.27	2.53	29.69
70	.17	.50	2.21	2.97	7.12	2.46	.98	.61	9.43	4.69	1.14	.32	32.60
71	.75	1.88	.11	1.56	3.33	3.98	4.51	2.15	4.63	4.98	.11	2.79	30.18
72	.37	.55	.88	4.11	4.66	1.84	3.91	2.36	.77	6.68	3.25	.75	30.13
MEAN	1.192	1.266	1.954	3.247	5.579	4.184	3.274	2.366	3.475	2.544	1.561	1.463	32.099
S. D.	1.403	.790	1.319	1.947	2.938	3.353	2.600	1.811	3.022	2.210	1.672	1.148	7.370
TOTAL OBS.	930	827	899	870	899	869	899	899	900	930	897	930	10749

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE-FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

19919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72

STATION NAME YEARS

PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
			.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	
			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	51-120						OVER 120
	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60					930	1.19	6.09	.02
JAN	64.6	18.9	2.4	3.7	2.2	3.4	2.7	1.5	.6							930	1.19	6.09	.02
FEB	63.5	17.2	1.7	3.7	3.4	4.5	3.4	1.9	.7							827	1.27	2.81	TRACE
MAR	65.2	12.7	1.9	5.1	3.2	3.9	3.9	3.0	1.1							899	1.95	5.16	.11
APR	61.5	14.9	1.8	3.3	2.2	4.9	3.7	4.1	3.2	.2						870	3.25	8.69	.74
MAY	56.5	14.9	2.1	3.6	2.3	3.8	5.3	6.3	4.0	.8	.3					899	5.58	1.35	.34
JUN	62.0	11.7	1.3	4.6	3.3	4.8	3.7	3.9	3.9	.6	.1					869	4.18	3.54	.35
JUL	67.9	11.8	.7	3.4	2.1	3.4	4.1	3.2	2.9	.4						899	3.27	8.22	.05
AUG	72.3	8.9	2.1	3.6	1.4	3.1	3.6	3.1	1.7	.2						899	2.37	9.27	.01
SEP	68.4	10.0	1.9	3.4	2.3	4.0	3.1	3.2	2.6	.9	.1					900	3.98	1.32	TRACE
OCT	73.5	9.7	1.2	3.2	1.3	3.5	2.0	2.9	2.3	.3						930	2.54	7.48	TRACE
NOV	73.9	11.6	1.2	2.6	2.5	2.7	1.8	2.2	1.6							897	1.56	7.26	.80
DEC	68.1	15.9	1.8	4.6	1.7	2.5	2.3	1.9	1.2							930	1.46	3.48	.02
ANNUAL	66.4	13.2	1.7	3.7	2.3	3.7	3.3	3.1	2.1	.3	.0					10749	2.10		

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

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	.02	.52	.67	.97	3.69	1.11	.06	.47	.32	.48	.34	1.77	3.69
44	1.40	.35	1.78	1.22	1.14	3.78	.83	.75	1.15	2.11	.77	1.66	3.78
45	.34	.70	.94	.78	2.27	5.10	2.29	1.77	2.72	.12	.06	.01	5.10
46	2.17*	TRACE						.35	.35	.53	1.06	1.65	
47	.25	TRACE	.36	1.62	1.65	1.95	2.75	.01	.63	.41	.88	1.46	2.75
48	.13	.72	1.29	.79	2.01	3.56	.94	.56	TRACE	.17	.50	.38	3.56
49	1.40	.35	.46	.36	2.06	1.47	1.05	.63	.78	1.63	.00	.50	2.06
50	.64	.80	.14	.76	5.68	1.27	1.76	.86	.86	.23	.77	.09	5.68
51	.28	1.11	.30	2.93	2.87	1.65	2.01	1.98	2.02	.54	.82	.04	2.93
52	.68	1.18	1.10	.61	3.44	.20	.73	1.55	.49	TRACE	.78	.71	3.44
53	.18	.52	1.37	2.49	1.79	1.45	1.52	1.38	.48	2.48	.92	.88	2.49
54	.41	.82	.29	1.24	1.59	.53	.02	.80	.75	.65	.07	.60	1.59
55	.52	.52	.93	.98	5.46	.90	.29	.95	2.57	2.72	.11	.02	5.46
56	.21	.28	.44	1.17	1.51	.74	.50	.33	.12	.50	1.58	1.89	1.89
57	.82	.36	.68	1.88	2.10	3.18	.71	.92	3.13	.88	1.40	.90	3.18
58	.97	.63	.98	2.21	.66	2.15	.50	1.51	.92	.03	.25	.80	2.21
59	.24	.60	1.29	.72	2.90	1.83	1.89	1.50	3.86	1.36	1.50	1.73	3.86
60	.51	1.73	.13	1.72	1.78	1.49	2.90	.85	.90	2.28	.48	1.03	2.90
61	.03	.37	.56	.62	.92	1.10	2.20	.58	3.83	1.30	1.50	.51	3.83
62	.20	.42	.77	1.44	2.13	4.07	.80	.84	1.45	.88	.95	.77	4.07
63	.21	.18	1.62	2.08	.94	1.05	3.70	.96	.54	.20*	1.13	.56	3.70
64	.58	1.26	.63	1.48	1.53	.35	.54	1.85	.92	1.06	2.01	.41	2.01
65	.98	.40	.75	1.88	2.23	.80	.73	2.79	1.70	.79	.15	2.25	2.79
66	.38	.94	.85	1.41	.20	1.02	1.19	2.58	1.23	.52	.80	.19	2.58
67	.24	.37	.97	2.85	1.20*	2.36	.42	1.32	1.80	1.00	.09	.26	2.85
68	1.80	.27	1.14	1.20	2.06	.40	.53	1.20	2.62	1.28	1.36	.62	2.62
69	.44	.85	1.37	.62	2.64	2.25	2.23	.54	1.80	2.15	.27	1.39	2.64
70	.11	.18	.84	1.60	5.23	.83	.55	.33	6.15	1.43	.80	.21	6.15
71	.39	1.55	.09	.68	.78	1.39	2.87	1.17	1.89	2.50	.06	1.01	2.87
72	.15	.39	.44	1.07	2.68	.61	1.91	.92	.55	2.71	1.80	.31	2.71
MEAN	.549	.616	.799	1.358	2.246	1.676	1.325	1.100	1.551	1.101	.774	.820	3.289
S.D.	.515	.429	.449	.683	1.373	1.219	.976	.651	1.364	.865	.575	.634	1.142
TOTAL OBS.	930	827	899	870	899	863	899	899	900	930	897	930	10749

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

STATION STATION NAME YEARS

PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)				
			.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			
			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								
JAN	82.2	11.7	1.2	2.0	1.0	1.0	.2	.7									6.1	837	3.6	24.6	TRACE
FEB	86.4	8.4	1.9	1.3	.5	.1	.1										5.3	742	1.8	7.7	.0
MAR	90.1	7.2	.6	1.0	.5	.1	.4										3.7	806	1.9	17.9	.0
APR	99.5	.3	.1	.1													.8	780	TRACE	1.0	.0
MAY	100.0																	806	.0	.0	.0
JUN	100.0																	780	.0	.0	.0
JUL	100.0																	806	.0	.0	.0
AUG	100.0																	806	.0	.0	.0
SEP	100.0																	810	.0	.0	.0
OCT	99.8	.2																837	TRACE	TRACE	.0
NOV	95.4	3.0	.6	.5	.4	.1	.1										1.6	810	.5	6.3	.0
DEC	90.7	6.1	.7	1.1	.8	.1	.4										3.2	837	1.7	11.0	.0
ANNUAL	95.3	3.1	.4	.5	.3	.1	.0	.1	.0	.1	.0	.0					1.6	9657	9.5		

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	TRACE*	.0							.0	.0	.0	TRACE	
47	4.2	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2
48	5.1	.4	7.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.2
49	6.4	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.9	6.4
50	4.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.1	.8	4.8
51	2.0	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	2.6
52	2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.1
53	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.8
54	3.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
55	2.8	.2	1.7	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	2.8
56	.2	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.3
57	.1	.0	TRACE	.2	.0	.0	.0	.0	.0	TRACE	TRACE	.0	.2
58	3.4	1.1	6.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.2	6.0
59	2.0	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
60	5.1	1.9	1.4	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.1
61	.3	5.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
62	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	1.5
63	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
64	TRACE	TRACE	2.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7
65	4.3	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
66	3.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
67	TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	TRACE	.6	.4	1.0
68	.2	2.7	8.7	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	8.7
69	TRACE	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
70	1.0	TRACE	1.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
71	TRACE	2.6	.9	.0	.0	.0	.0	.0	.0	.0	.2	5.5	5.5
72	TRACE	3.7	.0	.0	.0	.0	.0	.0	.0	.0	4.6	1.2	4.6
MEAN	1.97	1.17	1.33	.05	.00	.00	.00	.00	.00	TRACE	.44	1.19	3.77
S.D.	2.007	1.392	2.347	.198	.000	.000	.000	.000	.000	.000	1.026	1.854	2.150
TOTAL OBS.	837	742	806	780	806	780	806	806	810	837	810	837	9657

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/NAAC

DAILY AMOUNTS
 PERCENTAGE-FREQUENCY OF
 AMOUNTS
 (FROM DAILY OBSERVATIONS)

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION

STATION NAME

YEARS

PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)				
			.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			
			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	50.5-120								
JAN	85.3	4.2	3.4	2.7	2.0	1.6	.8										930				
FEB	90.6	3.6	3.0	1.2	.7	.7	.1											827			
MAR	95.1	1.3	.9	1.1	.4	.3	.3											899			
APR	99.8	.2																870			
MAY	100.0																	899			
JUN	100.0																	870			
JUL	100.0																	899			
AUG	100.0																	899			
SEP	100.0																	900			
OCT	100.0																	930			
NOV	98.2	.9	.8	.1														900	.9		
DEC	94.5	2.6	1.2	.5	.2	.6	.3											930	2.9		
ANNUAL	97.0	1.1	.8	.5	.3	.3	.1											10753	1.9		

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	TRACE	0	4	0	0	0	0	0	0	0	0	0	4
44	7	0	TRACE	0	0	0	0	0	0	0	0	TRACE	7
45	0	3	4	0	0	0	0	0	0	0	0	TRACE	4
46	TRACE*	0	0	0	0	0	0	0	0	0	0	0	4
47	4	4	0	0	0	0	0	0	0	0	0	0	7
48	5	1	7	0	0	0	0	0	0	0	1	0	7
49	9	7	0	0	0	0	0	0	0	0	0	TRACE	9
50	4	TRACE	TRACE	0	0	0	0	0	0	0	0	1	4
51	TRACE	6	0	0	0	0	0	0	0	0	2	TRACE	6
52	3	1	0	0	0	0	0	0	0	0	TRACE	0	3
53	2	0	0	0	0	0	0	0	0	0	0	0	2
54	3	0	2	0	0	0	0	0	0	0	0	8	3
55	3	0	2	TRACE	0	0	0	0	0	0	0	1	3
56	TRACE	1	0	TRACE	0	0	0	0	0	0	0	2	3
57	TRACE	0	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE
58	3	1	3	0	0	0	0	0	0	0	1	6	6
59	6	1	TRACE	0	0	0	0	0	0	0	TRACE	0	6
60	5	2	3	0	0	0	0	0	0	0	0	2	5
61	TRACE	4	TRACE	0	0	0	0	0	0	0	0	TRACE	4
62	2	1	1	0	0	0	0	0	0	0	0	0	2
63	TRACE	0	0	0	0	0	0	0	0	0	0	2	2
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	4	1	0	0	0	0	0	0	0	0	0	0	4
66	3	2	0	0	0	0	0	0	0	0	0	0	3
67	0	0	1	1	0	0	0	0	0	0	0	0	1
68	0	TRACE	1	1	0	0	0	0	0	0	1	TRACE	1
69	0	0	0	0	0	0	0	0	0	0	0	0	7
70	5	0	0	0	0	0	0	0	0	0	0	0	5
71	0	4	1	0	0	0	0	0	0	0	TRACE	4	4
72	TRACE	3	0	0	0	0	0	0	0	0	1	1	3
MEAN	2.3	1.5	1.2	TRACE	.0	.0	.0	.0	.0	.0	.2	1.1	4.2
S.D.	2.545	2.030	2.029	.000	.000	.000	.000	.000	.000	.000	.484	2.209	2.391
TOTAL OBS.	930	827	899	870	899	870	899	899	900	930	900	930	10753

NOTE * (BASED ON < FULL MONTHS)

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.

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

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS	
43														
44														
45														
46	N *34													
47	NNW 32N	50SSE	54ESE*49SSE	42	SE	33SSE	49W	38NW	45S	39			SW 87	
48	NE 30SSE	48SW	87SSE	49SSE	52ESE	50SE	36SE	30SSE	38SSE	44NNW	49SW	54	SE 56	
49	S 43S	45SSE	49ESE	47SE	56SSE	47S	46SSW	44NNW	46SSE	48NNW	39W	50	ESE 62	
50	S 47SSW	49SSW	56ESE	62NW	62SE	42N	36SE	34SE	45NNW	47NNW	47		SSE 65	
51	SSE 50SE	46NNW	54SSE	57NNE	49SSE	65NNE	51NW	38NW	62SSW	54SSE	47SSE	52	NNE 52	
52	SSE 44NNW	50NNE	52SSE	49NNW	52SSE	52N	52SSW	39N	40S	41NNW	48SSW	37	S 59	
53	S 45S	55SSE	49SSE	55S	54NNW	56N	51S	59NW	49SSE	38SSE	41SSE	43	NNW 58	
54	NNW 49NNW	58SSW	54SSE	49NNW	48SSE	51NNW	46NNW	44SE	49N	49SSE	44NNW	40	SSW 65	
55	SW *47NNW	50N	48SSW	65SSE*43SSE	46SSE	40ENE	40ENE	56NNW*38SSW*36NNE	39SSW	42SSE	54SSE	45SSE	49	S 57
56	S 37N *26S		57SW	50S	48NE	41NE	43NNE	39SW	42SSE	54SSE	45SSE	49	WSW 54	
57	SSE*45SSE	42SSW	40SSE	46WCW	54WSW	49SE	35SSE	28NW	30SE	35NNW	40S	43	SSW 70	
58	NNW 43NW	46ESE	33SSE	50S	40NE	43SSW	70ESE	36N	39SSE	38WSW	54S	31	WSW 78	
59	NNE 38WSW	37NNW	46NNW	42WSW	73E	38S	37NNE	31N	38S	32NNW	42NW	36	ENE 63	
60	SW 43W	56S	46ENE	63W	47N	36SW	38NE	34SE	32SSE	36SSE	33NW	40	NW 44	
61	NNW 39N	29SSE	41NNW	42NW	44NNW	43NNW	42N	36N	43S	*39NNW*39NNW*44		29	S 60	
62	N 45S	38WSW	36S	36S	60SSE	46N	29S	26ENE	35NW	*26NNW	31N	37	NW *44	
63	N *39NNE*34SSW*38S	*40NW	*44N	44E	*40W	*36N	*36N	*33S	34SSW*39N	35S	31S	41	E 51	
64	S 40NNW	40NNW	38NNW	46WSW	42S	34WSW	33E	51S	32NNE	35S	31S	41	SSE 47	
65	S 44NNE	46S	46NNE	40SSE	47NNW*40NNW	34SW	*45SSE*42S	*34WSW	45S	*38			W 62	
66	S *37SSE	31NNW	45SSW	52SSE	41S	33SSW	27W	62NNW	37S	40SSE	43SSW	40	SW 45	
67	NW 41N	41S	42S	37S	35S	37NW	29ESE	28S	30N	40N	29SW	45	SW 45	
68	S 35NNE	41S	42W	46S	44S	3918/	3219/	3024/	3134/	5433/	3623/	50	34/ 54	
69	36/ 3934/	3833/	3918/	4032/	5021/	4621/	2818/	3619/	3034/	3418/	3934/	47	32/ 50	
70	17/ 3835/	3735/	3822/	4224/	3817/	4020/	3823/	3119/	321/	3834/	40		22/ 42	
71	35/ 36 5/	4132/	44 2/	4436/	46 1/	5621/	2822/	3919/	3327/	3931/	3824/	46	1/ 56	
72	1/ 38 4/	4035/	4633/	5525/	3616/	72 6/	5729/	4019/	3335/	3120/	4027/	38	16/ 72	
MEAN	41.2	44.1	46.8	48.2	48.4	46.5	40.0	39.0	38.3	39.4	40.8	42.0	58.1	
S.D.	4.398	7.845	10.368	7.519	9.056	9.626	10.412	9.368	7.782	7.425	5.960	6.235	10.933	
TOTAL OBS.	750	718	774	763	774	760	759	790	747	768	758	789	9150	

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

USAF/ETAC FORM 088-5 (10)

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 42-72 YEARS ALL NORTH
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	1.5	2.6	2.6	.9	.3	.0	.0				8.4	10.7
NNE	.3	1.0	2.1	1.7	.5	.1	.0	.0				5.7	10.2
NE	.3	.9	1.4	.7	.1	.0	.0	.0				3.3	8.3
ENE	.3	.8	1.2	.5	.1	.0	.0	.0				2.9	7.9
E	.4	1.0	1.3	.5	.1	.0	.0	.0				3.4	7.6
ESE	.4	.9	1.6	1.1	.3	.1	.0	.0				4.5	9.6
SE	.4	1.4	2.4	2.4	1.1	.5	.1	.0		.0		8.2	11.6
SSE	.3	1.5	3.2	4.8	2.9	2.2	.7	.1	.0			15.8	14.9
S	.6	2.3	6.0	7.2	2.6	1.2	.3	.0	.0			20.3	12.3
SSW	.3	.9	1.8	2.2	.9	.4	.1	.0	.0			6.6	11.9
SW	.2	.5	.8	.7	.2	.1	.0	.0		.0		2.4	9.9
WSW	.2	.4	.6	.3	.1	.0	.0	.0				1.7	8.9
W	.2	.4	.5	.2	.0	.0	.0	.0				1.3	7.7
WNW	.2	.4	.5	.3	.1	.1	.0	.0				1.5	9.1
NW	.3	.6	.8	.6	.2	.1	.0	.0		.0		2.6	9.8
NNW	.4	1.0	2.1	2.1	.9	.3	.0	.0				6.9	11.4
VARBL													
CALM												4.4	
	5.5	15.6	28.9	27.9	10.9	5.4	1.4	.2	.0	.0		100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 255874

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS JAN MONTH

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

CONDITION

(Handwritten notes)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.0	4.4	4.8	2.0	.6	.1	.0				14.7	11.5
NNE	.4	1.1	2.6	2.1	.7	.2	.0					7.0	10.5
NE	.3	.7	1.1	.4	.1							2.5	7.9
ENE	.3	.6	.7	.2	.0							1.8	6.7
E	.4	.7	.8	.2	.0							2.2	6.5
ESE	.3	.6	1.0	.8	.2	.0						3.0	9.0
SE	.4	.9	1.3	1.1	.7	.4	.1	.0				4.9	11.5
SSE	.3	1.0	2.1	2.9	2.1	1.7	.6	.1				10.8	15.2
S	.8	2.3	5.1	6.4	2.6	1.3	.4	.0	.0			19.0	12.6
SSW	.4	1.3	1.8	1.7	.8	.4	.1	.0				6.5	11.3
SW	.2	.7	.9	.4	.1	.1	.0	.0				2.4	8.8
WSW	.3	.6	.9	.3	.1	.0	.0	.0				2.1	8.4
W	.3	.5	.6	.2	.0	.0	.0	.0				1.7	7.5
WNW	.3	.6	.6	.3	.1	.1	.0	.0				2.1	8.3
NW	.3	.7	1.3	.7	.3	.1	.0	.0				3.5	9.4
NNW	.5	1.4	3.3	3.6	1.6	.6	.0	.0				11.1	11.8
VARBL													
CALM												4.8	
	6.4	15.7	28.5	26.3	11.3	5.5	1.4	.1	.0			100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 22155

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY

YEARS 43-72

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	1.8	4.1	4.4	1.5	.4	.1	.0				13.0	11.3
NNE	.4	1.3	3.2	3.0	.9	.3	.0					9.3	11.0
NE	.3	.9	1.6	.9	.2	.0	.0					4.0	9.0
ENE	.2	.6	1.2	.5	.1	.0						2.5	8.2
E	.3	.7	1.3	.5	.1	.0						2.9	8.1
ESE	.3	.8	1.2	.8	.3	.1	.0					3.4	9.6
SE	.3	.7	1.2	1.4	.8	.4	.1	.0				5.0	12.6
SSE	.2	.9	1.8	3.2	2.2	2.0	.7	.1	.0			11.1	16.0
S	.5	1.8	4.2	5.8	2.2	1.3	.4	.1	.0			16.1	13.1
SSW	.2	.9	1.6	1.7	.8	.4	.0	.0				5.7	11.8
SW	.2	.5	.7	.7	.2	.1						2.4	9.6
WSW	.3	.4	.6	.5	.1	.1	.0					1.9	9.0
W	.3	.5	.6	.2	.0	.0						1.6	7.4
WNW	.2	.6	.8	.4	.1	.1	.0					2.2	9.3
NW	.3	.7	.9	1.1	.4	.2	.0	.0				3.5	11.0
NNW	.4	1.1	2.3	3.6	1.7	.7	.1					10.5	12.5
VARBL													
CALM												4.9	
	5.2	14.3	27.8	28.5	11.5	6.1	1.6	.2	.0			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

19691

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAR

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	1.5	3.1	4.0	1.9	.8	.1					11.9	12.3
NNE	.2	.9	2.1	2.8	.8	.3	.0					7.1	11.8
NE	.2	.7	1.6	1.3	.1	.0						4.0	9.5
ENE	.2	.7	1.3	.8	.1	.0						3.1	9.0
E	.3	.9	1.2	.6	.1							3.2	8.2
ESE	.2	.6	1.4	.9	.3	.1	.0					3.5	10.2
SE	.3	.9	1.5	1.5	1.0	.7	.1	.0				6.0	13.0
SSE	.2	.7	1.8	3.3	2.6	2.7	1.3	.3	.0			12.9	17.8
S	.3	1.2	3.3	6.0	2.8	1.5	.6	.1	.0			15.9	14.3
SSW	.3	.9	1.4	1.8	1.1	.7	.1	.0				6.4	13.2
SW	.2	.4	.6	.5	.3	.2	.0					2.3	11.6
WSW	.2	.4	.6	.6	.2	.1	.0					2.2	11.2
W	.2	.5	.5	.3	.2	.1	.0					1.7	10.0
WNW	.2	.5	.6	.6	.3	.1	.0					2.3	10.7
NW	.2	.5	.9	1.1	.7	.3	.0	.0				3.8	12.4
NNW	.4	1.2	2.4	3.2	1.7	1.0	.1	.0				10.1	13.0
VARBL													
CALM												3.6	
	4.1	12.4	24.4	29.4	14.3	8.8	2.5	.4	.0			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 21441

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

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	.4	1.3	2.5	2.9	1.0	.2	.0					8.3	11.1
NNE	.3	1.0	2.3	2.2	.8	.2						6.7	11.0
NE	.2	.9	1.6	1.0	.2	.0	.0					3.9	9.2
ENE	.2	1.0	1.6	.8	.1	.0	.0					3.8	8.9
E	.3	.9	1.6	1.1	.2	.0						4.0	9.1
ESE	.3	.7	1.3	1.6	.5	.2	.0					4.5	11.4
SE	.3	.8	1.6	2.0	1.4	1.0	.4	.1				7.7	14.3
SSE	.2	.9	2.0	3.5	2.6	3.4	1.9	.6	.0			15.1	18.5
S	.3	1.3	3.5	7.5	3.6	1.6	.6	.1				18.5	14.4
SSW	.2	.6	1.1	2.0	1.2	.6	.1	.0				5.9	14.2
SW	.1	.3	.5	.7	.4	.1	.0	.0		.0		2.2	12.5
WSW	.1	.4	.5	.4	.2	.1	.0					1.7	10.5
W	.2	.3	.5	.3	.1	.0						1.5	9.1
WNW	.2	.4	.6	.5	.3	.2	.0	.0				2.2	11.6
NW	.2	.5	.8	1.0	.5	.2	.0					3.2	11.6
NNW	.3	1.0	1.8	2.7	1.4	.5	.1					7.8	12.6
VARBL													
CALM												2.9	
	3.7	12.1	23.9	30.3	14.5	8.4	3.3	.7	.0	.0		100.0	12.8

15.6 14.7

TOTAL NUMBER OF OBSERVATIONS

20728

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 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	1.2	2.0	1.7	.4	.1	.0					5.9	9.9
NNE	.3	1.0	1.8	1.5	.3	.0						5.0	9.6
NE	.3	.9	1.3	.7	.1	.0						3.3	8.2
ENE	.3	1.0	1.2	.6	.1							3.1	8.2
E	.4	1.3	1.5	.6	.1	.0						4.0	7.7
ESE	.5	1.1	2.1	1.6	.5	.3	.1	.0				6.3	10.7
SE	.5	1.6	2.7	2.5	1.3	.6	.2	.0		.0		9.5	11.8
SSE	.3	1.6	3.4	4.5	3.0	3.0	1.2	.2	.0			17.1	15.8
S	.5	2.1	5.4	8.5	3.6	1.7	.6	.1	.0			22.6	13.5
SSW	.3	.8	1.3	1.8	.8	.3	.2	.0				5.6	12.4
SW	.2	.5	.6	.5	.1	.1	.0					2.0	9.8
WSW	.1	.5	.5	.2	.1	.0						1.4	8.2
W	.1	.3	.5	.1	.0	.0						1.1	7.8
WNW	.2	.4	.6	.2	.1	.0						1.5	8.8
NW	.1	.4	.7	.5	.2	.0	.0					1.9	9.6
NNW	.3	.9	1.7	1.3	.4	.2	.0					4.8	10.2
VARBL													
CALM												4.8	
	5.0	15.5	27.4	27.0	11.2	6.5	2.3	.4	.0	.0		100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 21484

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS JUN NORTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.3	.8	.1	.0						3.2	9.1
NNE	.2	.7	1.3	.8	.2			.0				3.1	9.0
NE	.3	.8	1.0	.5	.0	.0						2.7	7.6
ENE	.3	.9	1.2	.5	.0	.0						2.9	7.8
E	.5	1.1	1.5	.6	.1	.0						3.8	7.5
ESE	.5	1.2	2.1	1.4	.6	.1	.0					5.9	9.8
SE	.6	2.0	3.4	3.7	1.9	.8	.1					12.4	11.8
SSE	.4	2.0	4.5	6.5	5.4	4.3	.9	.2				24.0	15.6
S	.6	2.4	7.1	9.0	3.1	2.0	.5	.0				24.7	12.9
SSW	.3	.7	1.5	2.3	1.0	.4	.0					6.3	12.3
SW	.2	.5	.7	.5	.1	.1	.0					2.1	9.3
WSW	.1	.3	.4	.2	.0	.0	.0					1.0	7.7
W	.1	.2	.2	.1	.0	.0	.0					.7	7.3
WNW	.1	.2	.2	.1	.0	.0	.0					.6	7.2
NW	.2	.3	.3	.3	.0	.0	.0	.0				1.2	8.3
NNW	.2	.5	1.0	.7	.2	.0	.0					2.6	9.5
VARBL													
CALM												2.9	
	4.9	14.5	27.7	27.7	12.8	7.8	1.6	.2	.0	.0		100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 20477

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	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	.8	.4	.0	.0						2.3	7.8
NNE	.3	.9	1.1	.5	.1	.0						2.9	7.8
NE	.3	1.1	1.3	.4	.1	.0						3.2	7.4
ENE	.4	1.0	1.6	.5	.1	.0	.0					3.6	7.7
E	.5	1.5	1.9	.7	.1	.0						4.7	7.5
ESE	.5	1.3	2.7	1.6	.3	.1	.0					6.6	9.3
SE	.6	2.2	4.1	4.0	1.3	.2	.0					12.4	10.6
SSE	.6	2.4	5.8	7.0	2.9	.9	.1	.0				19.7	12.1
S	.8	3.7	10.3	7.6	1.8	.5	.0	.0				24.7	10.4
SSW	.3	1.2	2.7	3.1	1.0	.3	.0	.0	.0			8.6	11.4
SW	.2	.5	1.0	1.1	.2	.0	.0					3.1	10.3
WSW	.1	.4	.6	.3	.1	.0						1.5	8.7
W	.2	.3	.2	.1	.0		.0					.7	6.5
WNW	.1	.1	.2	.1	.0							.5	6.9
NW	.1	.3	.1	.0	.0							.6	6.1
NNW	.1	.3	.3	.1	.0		.0					.9	7.7
VARBL													
CALM													
	5.5	17.7	34.9	27.7	8.0	2.1	.2	.0	.0			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 21143

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME OKLAHOMA CITY YEARS 43-45,47-72 MONTH AUG
 ALL WEATHER CLASS ALL HOURS (L.S.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1-3	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	.9	.4	.1	.0						2.4	7.9
NNE	.3	.9	1.7	.7	.1	.0	.0					3.7	8.5
NE	.4	1.0	1.5	.6	.0	.0						3.5	7.6
ENE	.4	1.0	1.5	.4	.0	.0						3.4	7.3
E	.6	1.5	2.1	.7	.1	.0						4.9	7.4
ESE	.7	1.4	2.6	1.8	.3	.0						6.8	8.9
SE	.7	2.1	4.3	4.7	1.0	.1	.0					13.0	10.4
SSE	.5	2.2	5.5	7.4	2.7	.8	.0					19.1	12.0
S	.8	3.5	8.8	6.4	1.6	.4	.0					21.5	10.2
SSW	.4	1.1	2.9	3.2	.7	.2	.0					8.4	10.9
SW	.2	.5	1.5	1.1	.2	.0						3.5	9.8
WSW	.1	.4	.5	.3	.1	.0						1.4	8.3
W	.2	.3	.3	.1	.0	.0						.9	6.8
WNW	.1	.2	.3	.1	.0	.1						.6	6.9
NW	.2	.3	.3	.1	.0							.9	6.5
NNW	.2	.5	.7	.3	.0							1.7	7.8
VARBL													
CALM												4.1	
	6.1	17.6	35.3	28.3	6.9	1.6	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 21523

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 SEP MONTH

ALL WEATHER CLASS

ALL WEATHER CLASS

ALL HOURS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.2	1.5	.3	.1	.0					6.3	9.1
NNE	.4	1.1	2.2	1.6	.3	.1						5.6	9.3
NE	.4	1.2	2.0	.8	.1	.0						4.5	7.9
ENE	.4	1.0	1.6	.6	.1	.0						3.7	8.0
E	.6	1.4	1.8	.6	.1	.0						4.6	7.4
ESE	.5	1.2	2.3	1.4	.3	.1	.0	.0				5.8	9.4
SE	.5	1.9	3.1	3.6	1.4	.5	.0					11.1	11.3
SSE	.4	2.2	4.3	6.2	3.0	1.5	.3	.0				17.9	13.1
S	.6	2.7	6.6	7.5	2.1	.5	.1	.0				20.3	11.2
SSW	.3	.8	1.4	2.4	.8	.3	.0					6.1	12.0
SW	.2	.4	.6	.6	.2	.0	.0					2.0	9.9
WSW	.2	.3	.3	.1	.1	.0						1.0	7.9
W	.2	.3	.3	.0	.0							.7	6.3
WNW	.1	.2	.3	.1	.0	.0						.7	7.7
NW	.3	.5	.5	.2	.0	.0						1.5	7.3
NNW	.3	.7	1.4	.7	.3	.1	.0					3.4	9.7
VARBL													
CALM												4.5	
	5.9	17.5	30.9	28.2	9.1	3.2	.6	.0				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 21539

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

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	.8	2.0	2.7	2.5	.6	.1	.0	.0				8.8	9.5
NNE	.4	1.1	2.2	1.6	.4	.1	.0					5.8	10.0
NE	.3	.7	1.2	.5	.1	.0						2.8	8.4
ENE	.3	.8	.9	.4	.0							2.4	7.4
E	.4	.7	.7	.2	.0	.0						2.1	6.7
ESE	.3	.6	1.1	.5	.2	.1						2.8	9.1
SE	.4	1.3	2.2	2.1	1.2	.4	.1					7.8	11.6
SSE	.4	1.6	3.6	6.5	3.8	2.3	.5	.0				18.7	14.6
S	.8	2.7	7.0	7.7	2.3	1.1	.2	.0				21.9	11.7
SSW	.4	.7	1.9	2.0	.7	.3	.0					6.0	11.3
SW	.3	.4	.7	.5	.1	.1						2.1	9.1
WSW	.2	.4	.5	.2	.0	.0						1.4	7.4
W	.3	.5	.4	.1	.0	.0						1.3	6.6
WNW	.2	.4	.4	.2	.1	.0						1.3	7.9
NW	.3	.8	.7	.4	.1	.0						2.4	7.9
NNW	.6	1.4	2.3	1.7	.6	.2	.0					6.7	9.7
VARBL													
CALM												5.7	
	6.4	16.1	28.6	27.0	10.3	4.5	.8	.1				100.0	10.4

21549

TOTAL NUMBER OF OBSERVATIONS

21549

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS NOV MONTH

ALL WEATHER 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	.8	1.9	3.8	3.2	1.2	.3	.0					11.2	10.4
NNE	.2	1.2	2.1	1.5	.6	.1						5.7	10.1
NE	.2	.7	.9	.5	.0							2.3	8.0
ENE	.2	.6	.9	.3	.0	.0						2.1	7.5
E	.3	.9	.9	.3	.0	.0						2.5	7.2
ESE	.3	.6	1.1	.6	.2	.0	.0	.0				2.9	9.1
SE	.3	.9	1.5	1.0	.6	.3	.1					4.8	11.4
SSE	.3	1.0	2.2	3.5	2.4	2.0	.6	.1				12.1	15.6
S	.5	2.0	5.2	8.3	2.4	.9	.3	.0				19.6	12.4
SSW	.3	1.1	1.9	2.0	1.0	.5	.1	.0				7.0	12.0
SW	.2	.7	.9	.7	.2	.0						2.7	9.3
WSW	.3	.6	.9	.5	.2	.1						2.4	8.9
W	.4	.7	.7	.2	.1	.0	.0					2.1	7.2
WNW	.3	.6	.8	.3	.1	.1	.0					2.3	8.9
NW	.5	1.1	1.3	.9	.3	.1	.0					4.2	9.3
NNW	.6	1.5	3.8	3.5	1.3	.4	.0					11.1	11.0
VARBL													
CALM												5.1	
	5.7	16.1	29.1	27.2	10.6	4.9	1.2	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 21501

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

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	2.2	3.6	4.3	1.4	.5	.0					12.7	11.0
NNE	.4	1.4	2.5	2.0	.5	.1	.0					6.9	10.0
NE	.4	.7	1.1	.6	.1							2.8	8.0
ENE	.3	.8	.8	.3	.0	.0						2.2	7.2
E	.4	.8	.7	.2								2.1	6.4
ESE	.3	.7	.9	.3	.1	.0						2.3	7.7
SE	.3	1.0	1.4	1.0	.5	.4	.1	.0				4.6	11.4
SSE	.3	1.0	2.0	3.1	2.4	2.1	.5	.1				11.5	15.6
S	.7	2.3	4.8	6.2	2.7	1.3	.3	.0				18.4	12.4
SSW	.5	1.2	1.9	2.4	.7	.4	.1	.0				7.2	11.1
SW	.3	.6	.5	.5	.1	.1	.0					2.2	8.8
WSW	.2	.6	.8	.4	.1	.1	.0	.0				2.1	8.7
W	.3	.6	.7	.3	.0	.0	.0					2.1	7.7
WNW	.3	.6	.7	.4	.1	.1	.0					2.2	8.4
NW	.4	.9	1.4	1.1	.4	.1	.0					4.3	9.7
NNW	.5	1.4	3.8	3.9	1.3	.5	.0					11.5	11.5
VARBL													
CALM												5.1	
	6.4	16.7	27.6	27.0	10.4	5.6	1.1	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

22643

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB JK/OKLAHOMA CITY
 STATION NAME

43-72

YEARS

JAN
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.0	5.1	4.3	2.0	.5	.0					14.9	11.1
NNE	.4	.7	2.6	1.6	.9	.3	.0					6.4	11.0
NE	.1	.8	1.0	.3	.1							2.3	7.7
ENE	.4	.5	.9	.1								2.0	6.5
E	.4	.9	1.2	.2								2.6	6.6
ESE	.5	.7	.8	.6	.1							2.7	8.1
SE	.6	.9	1.7	1.5	.9	.5	.1					6.1	11.6
SSE	.2	1.2	2.4	3.4	2.6	1.8	.5					12.0	15.1
S	.8	2.8	5.6	7.4	2.7	1.4	.5					21.3	12.2
SSW	.7	1.4	1.4	1.0	.5	.3						5.4	9.4
SW	.3	.4	.5	.1								1.3	6.2
WSW	.3	.6	.5	.1								1.4	6.5
W	.3	.3	1.0	.1								1.7	7.5
WNW	.5	.5	.9	.2	.1	.1	.0					2.2	8.0
NW	.3	.7	.9	.4	.3	.1						2.6	9.4
NNW	.4	1.5	2.7	3.3	1.3	.4						9.6	11.4
VARBL													
CALM												5.4	
	6.8	15.8	29.2	24.7	11.5	5.4	1.2					100.0	10.5

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)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN
MONTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.1	5.1	4.3	2.2	.5	.1					14.6	11.4
NNE	.4	.9	2.5	1.9	.7	.2						6.7	10.9
NE	.4	.6	.9	.5								2.5	7.4
ENE	.2	.6	.3	.1								1.2	6.1
E	.8	.6	.8	.3	.1							2.6	6.7
ESE	.3	.3	.8	1.0	.2							2.5	10.5
SE	.1	.8	1.6	.9	.7	.3	.0					4.4	11.6
SSE	.5	1.2	2.5	3.4	2.4	1.8	.2					12.0	14.1
S	1.0	2.2	6.3	7.0	2.5	1.3	.3					20.6	12.0
SSW	.5	1.3	1.8	1.3	.5	.2	.1					5.7	10.1
SW	.1	.9	.6	.1	.1	.0	.0					1.8	7.6
WSW	.1	.5	.8	.1								1.5	7.3
W	.6	.4	.6	.5								2.1	6.9
WNW	.2	.5	.6	.3	.1	.1	.0					1.9	9.3
NW	.3	.9	1.1	.7	.3	.1						3.4	9.1
NNW	.4	1.6	3.4	3.8	1.4	.3	.0					10.9	11.2
VARBL													
CALM												5.5	
	6.5	15.4	29.7	26.2	11.1	4.8	.8					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

2772

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS JAN MONTH

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

ALL WEATHER CLASS

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.6	4.6	4.5	1.7	.6						14.8	10.8
NNE	.4	1.2	2.4	2.4	.8	.2						7.4	10.7
NE	.2	.4	1.1	.3								2.0	7.9
ENE	.2	.5	.6	.2								1.5	7.3
E	.3	.6	.8	.3								1.9	7.3
ESE	.3	.4	1.0	.8	.1							2.6	9.4
SE	.3	.7	1.3	1.1	.7	.2	.1					4.4	11.8
SSE	.4	1.4	2.3	2.9	2.4	1.7	.3					11.3	14.3
S	.7	2.8	5.8	5.0	2.7	1.0	.3					18.9	11.9
SSW	.4	1.7	1.4	1.7	.5	.1						5.3	10.5
SW	.3	.5	.6	.3	.1	.1	.0					1.9	9.0
WSW	.4	.7	.6	.1	.0							1.9	6.4
W	.1	.6	.8	.2	.0							1.8	7.5
WNW	.4	.8	.8	.3		.1						2.3	7.3
NW	.5	.6	1.4	.9	.3	.1						3.6	9.3
NNW	.9	2.1	4.0	3.4	1.4	.5	.0					12.4	10.8
VARBL													
CALM												5.8	
	6.3	17.1	29.5	25.0	11.0	4.5	.8					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 2776

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.1	4.0	4.6	2.0	.4	.2	.0				14.0	11.7
NNE	.3	.9	2.9	2.6	.8	.1						7.6	10.8
NE	.2	.7	1.5	.6	.1							3.0	8.5
ENE	.4	.6	.9	.5	.1							2.3	7.9
E	.3	.6	1.0	.2	.0							2.1	7.3
ESE	.3	.3	.7	.6	.1							2.0	8.9
SE	.3	.7	.7	1.2	.6	.2	.1					3.9	12.1
SSE	.2	.5	1.7	2.4	1.7	2.2	.7	.0				9.5	16.6
S	.5	1.3	4.4	6.1	3.6	1.2	.8	.1				18.1	14.1
SSW	.4	1.0	2.0	2.9	1.1	.6	.1					8.1	12.5
SW	.3	.7	1.0	.5	.3	.2	.1	.0				3.0	10.3
WSW	.2	.3	1.1	.5	.1	.1						2.3	9.5
W	.3	.8	.7	.3	.0							2.1	7.3
WNW	.2	.6	.7	.4	.1	.1						2.1	8.8
NW	.2	.4	1.4	.8	.1	.1						3.1	10.1
NNW	.7	1.2	3.9	4.2	2.3	.8	.1					13.0	12.5
VARBL													
CALM												3.8	
	5.3	12.6	28.6	28.2	13.1	6.1	1.8	.3				100.0	11.6

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)

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY
 STATION NAME

43-72
 YEARS

1400
 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.1	5.5	2.0	.6	.2					13.7	12.4
NNE	.4	1.1	2.2	2.5	.7	.1						7.0	10.5
NE	.3	.4	1.1	.6	.2							2.5	9.1
ENE	.4	.6	.9	.1								1.9	6.5
E	.3	.6	.6	.1								1.6	6.0
ESE	.1	.4	.8	.9	.1	.0						2.3	10.2
SE	.3	.6	.5	.5	.4	.3						2.6	11.2
SSE	.1	.5	1.2	1.6	1.3	1.2	1.1	.1				7.0	17.3
S	.4	1.3	3.8	5.6	3.0	1.9	.9	.1				17.1	14.8
SSW	.4	1.2	2.8	3.4	2.2	1.5	.3	.1				11.8	14.1
SW	.3	.7	1.7	1.2	.4	.0	.0					4.3	10.1
WSW	.1	.9	1.4	.5	.2	.2	.1					3.4	10.7
W	.3	.5	.5	.4	.1	.0						1.8	8.9
WNW	.3	.8	.7	.6	.2	.1						2.6	9.2
NW	.4	.6	1.6	.9	.4	.1						4.1	10.2
NNW	.5	1.2	4.0	4.2	2.1	1.2	.0					13.1	12.7
VARBL													
CALM												3.1	
	5.2	12.9	26.9	28.6	13.2	7.3	2.6	.2				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

2770

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS JAN NORTH
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	3.2	5.5	2.1	.8	.0					14.2	12.4
NNE	.2	1.3	2.9	2.4	.5	.2						7.5	10.5
NE	.3	.7	.8	.4	.1							2.3	7.9
ENE	.2	.4	.5	.1								1.1	6.7
E	.3	.7	.5	.1								1.6	6.0
ESE	.2	.8	1.4	1.0	.2	.0						3.6	9.5
SE	.2	.8	1.4	.5	.3	.4						3.6	10.6
SSE	.2	.6	1.7	2.4	1.9	1.3	.7	.1				8.9	15.9
S	.6	1.9	4.2	6.2	2.4	1.6	.4	.1	.0			17.5	13.3
SSW	.3	1.6	2.1	2.7	1.0	.5	.2					8.4	12.2
SW	.3	1.0	1.5	1.1	.1	.1						4.1	9.2
WSW	.3	.7	1.0	.8	.1	.1		.1				3.1	9.5
W	.3	.3	.5	.4	.1	.1	.0					1.6	9.3
WNW	.3	.9	.6	.7	.1	.0						2.7	8.5
NW	.4	.8	1.6	1.2	.3	.0						4.1	9.5
NNW	.5	1.0	3.4	4.7	2.2	.7	.1					12.6	12.4
VARBL													
CALM												3.1	
	4.9	15.0	28.0	30.1	11.4	5.8	1.5	.2	.0			100.0	11.4

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)

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS JAN MONTH
 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.2	5.2	4.9	2.3	.7	.0					16.4	11.3
NNE	.3	1.1	2.7	1.3	.3	.1						5.9	9.6
NE	.4	1.0	1.0	.4	.0							2.9	7.1
ENE	.4	.9	.4	.0								1.8	5.2
E	.6	1.0	.9	.1								2.6	5.7
ESE	.6	1.1	1.7	.9	.1	.0						4.4	8.1
SE	.6	1.4	1.6	1.5	.8	.5	.1	.0				6.5	11.3
SSE	.6	1.6	2.3	3.5	2.5	1.3	.7	.1				12.5	14.2
S	1.2	3.5	5.6	6.2	1.4	.7	.1					18.6	10.5
SSW	.5	1.4	1.4	.5	.1	.1	.0					4.1	7.9
SW	.3	.6	.5	.1	.0	.0						1.4	6.4
WSW	.3	.7	.7	.1								1.7	6.3
W	.4	.4	.3	.0	.0	.1	.0					1.2	7.0
WNNW	.4	.6	.4	.3	.2							1.9	7.9
NW	.3	.9	1.3	.4	.1	.0						3.0	7.9
NNW	.5	1.6	2.6	3.0	1.2	.4						9.3	11.1
VARBL													
CALM													
	8.5	20.0	28.4	23.0	9.1	4.1	1.0	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2769

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS FEB MONTH
 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.1	4.4	3.5	1.1	.4	.0					12.1	10.8
NNE	.0	1.3	2.4	3.1	.8	.5						8.9	10.9
NE	.5	1.2	2.4	.9	.1	.0						5.0	8.2
ENE	.2	1.1	1.3	.6		.0						3.2	8.0
E	.2	1.1	1.6	.9								3.7	8.1
ESE	.4	.7	1.2	.7	.1	.0						3.2	8.7
SE	.4	.6	.9	1.6	1.1	.4	.2					5.2	13.3
SSE	.4	1.0	2.5	4.1	2.6	1.9	.7	.1				13.4	15.3
S	.7	2.2	4.2	8.2	2.0	.9	.3					18.6	12.2
SSW	.2	1.3	1.4	.8	.3	.2						4.3	9.4
SW	.2	.6	.4	.2		.1						1.6	8.0
WSW	.4	.3	.6	.1	.1	.0						1.5	8.1
W	.2	.2	.5									1.0	6.3
WNW	.2	.4	.5	.1	.1		.0					1.5	7.9
NW	.2	1.1	.6	.4	.4	.2	.1					3.0	10.2
NNW	.4	1.0	2.8	2.3	1.3	.7	.0					8.5	12.1
VARBL													
CALM												5.2	
	6.0	16.3	27.9	27.6	10.0	5.5	1.4	.1				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2462

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

FEB

MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.2	3.3	3.4	1.2	.4	.0					11.4	10.8
NNE	.3	1.0	3.3	3.0	1.1	.5						9.1	11.7
NE	.2	.9	1.9	1.1	.1	.0	.0					4.2	9.3
ENE	.2	.5	1.7	.4	.1							2.8	8.4
E	.4	.6	1.5	.5	.0							3.0	7.9
ESE	.5	.8	1.3	.9	.1	.0						3.5	8.7
SE	.3	.8	1.3	1.2	1.1	.2	.1					5.0	12.2
SSE	.2	1.1	1.5	3.7	2.0	1.6	.7					10.9	15.6
S	.7	2.1	5.0	7.6	2.1	1.1	.2					18.8	12.1
SSW	.5	1.3	1.5	1.3	.2	.1						4.9	8.6
SW	.2	.4	.6	.1	.0							1.3	7.4
WSW	.2	.3	.7	.3	.0							1.5	8.2
W	.3	.6	.2	.2								1.3	5.7
WNW	.2	1.1	1.1	.3	.2	.1						3.0	8.2
NW	.4	.7	.5	1.0	.3	.2	.0					3.2	10.3
NNW	.3	.9	3.2	2.9	1.7	.8	.1					9.9	12.8
VARBL													
CALM												6.1	
	5.6	15.3	28.5	27.9	10.2	5.2	1.2					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

2462

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

FEB
MONTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.0	4.1	4.0	1.2	.3	.1					12.4	10.8
NNE	.2	.9	3.3	2.8	1.1	.4	.1					8.7	11.5
NE	.2	.7	1.4	.8	.1							3.1	8.9
ENE	.1	.4	1.0	.5	.1							2.2	9.1
E	.4	.8	1.6	.7	.2	.0						3.7	8.7
ESE	.4	.9	.9	.9	.4							3.4	9.4
SE	.5	1.0	.9	1.9	1.1	.2	.0					5.7	11.8
SSE	.4	.8	1.7	3.0	1.9	2.0	.7	.0				10.6	15.9
S	.4	1.5	5.7	5.6	1.8	1.1	.2					16.1	12.2
SSW	.2	1.3	1.7	1.3	.6							5.2	9.6
SW	.2	.7	.6	.4		.0						1.8	7.6
WSW	.2	.3	.6	.2		.0						1.3	8.4
W	.5	.8	.6	.1								2.0	5.8
WNW	.3	.7	.8	.2	.2	.2						2.4	9.0
NW	.3	.7	1.3	1.1	.4	.0						3.7	10.0
NNW	.5	1.6	3.4	4.5	1.7	.6	.0					12.3	11.7
VARBL													
CALM													
	5.7	15.0	29.3	28.0	10.7	4.9	1.1	.0				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2460

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

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	.3	1.6	3.0	5.3	2.1	.8	.3	.0				13.4	12.9
NNE	.4	1.4	2.9	3.0	1.3	.3	.1					9.4	11.7
NE	.2	.4	1.7	.9	.3	.2						3.7	10.6
ENE	.1	.3	.9	.4	.1							1.7	9.1
E	.2	.4	1.4	.5	.0	.0						2.6	8.9
ESE	.2	.9	1.3	1.2	.4	.0	.1					4.1	10.7
SE	.2	.7	1.6	1.1	.5	.5	.0					4.7	12.1
SSE	.2	.6	1.3	1.9	1.9	2.3	1.2	.0				9.5	17.9
S	.1	1.5	3.0	4.8	2.8	1.7	.6	.2				14.8	14.9
SSW	.1	.6	1.9	3.1	1.1	.6	.1	.0				7.6	13.3
SW	.3	.4	.6	1.2	.4							2.8	10.9
WSW	.2	.6	.6	.6	.2	.0						2.2	9.1
W	.1	.2	.7	.4	.0	.1						1.7	9.7
WNW	.2	.6	1.1	.4	.1	.1	.1					2.6	9.3
NW	.3	.7	.9	1.4	.3	.4						4.1	11.4
NNW	.2	1.1	2.7	5.5	1.6	1.0	.1					12.3	13.2
VARBL													
CALM												2.8	
	3.4	12.1	25.7	31.6	13.4	8.1	2.6	.3				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 2464

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

FEB

MONTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.7	4.8	2.2	.6	.1					12.6	12.7
NNE	.4	1.3	2.9	3.3	1.0	.3	.1					9.2	11.4
NE	.3	.7	.9	1.3	.3							3.6	9.7
ENE	.1	.3	.9	.7	.1							2.2	9.5
E	.3	.6	.8	.5	.1							2.2	8.0
ESE	.3	.6	.8	.6	.3	.1						2.6	9.8
SE	.2	.4	1.1	1.1	.4	.5	.2	.0				4.0	13.4
SSE	.1	.8	1.3	1.8	1.7	1.8	.7					8.2	16.6
S	.3	1.3	2.2	4.3	2.8	1.7	1.4	.2	.0			14.4	16.4
SSW	.1	.8	2.3	3.6	2.3	1.2	.1					9.3	14.4
SW	.2	.7	1.1	.5	.7	.1						4.3	11.4
WSW	.3	.5	.9	1.1	.3	.2	.0					3.2	10.8
W	.2	.5	.9	.3	.0	.0						2.0	8.1
WNW	.2	.5	1.0	.7	.1	.2	.1					2.8	11.3
NW	.2	.7	.8	2.3	.7	.2	.0					5.0	12.4
NNW	.3	1.1	2.5	4.0	2.2	1.5	.1					11.6	13.8
VARBL													
CALM												2.6	
	4.1	11.5	24.1	31.0	15.2	8.4	2.8	.3	.0			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

2461

SURFACE WINDS

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS FEB MONTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.8	5.8	4.4	.9	.3	.0	.0				15.0	10.2
NNE	.4	1.7	3.6	2.1	.8	.2	.0					8.8	10.1
NE	.5	1.3	1.7	.9	.2							4.7	8.0
ENE	.4	.8	1.1	.4								2.6	7.2
E	.2	1.0	1.1	.2	.1							2.6	7.5
ESE	.2	.9	1.3	.9	.1		.0					3.5	9.5
SE	.2	.9	1.4	1.3	.8	.4	.1					5.2	12.0
SSE	.0	1.1	2.4	4.3	2.4	2.1	.3	.0	.0			12.8	15.2
S	.7	2.4	4.9	4.5	1.4	.7	.1					14.8	11.1
SSW	.3	.7	1.2	.8	.2	.2	.0					3.4	10.1
SW	.0	.7	.9	.4	.1	.1						2.2	9.0
WSW	.3	.6	.3	.2	.0	.0						1.5	7.0
W	.2	.4	.1	.1	.0							.9	6.1
WNW	.2	.4	.8	.2	.1	.0						1.7	8.6
NW	.4	.7	1.1	.9	.2	.0	.0	.0				3.3	9.9
NNW	.8	1.0	3.4	3.0	1.4	.1	.1					9.9	11.1
VARBL													
CALM												7.2	
	5.5	17.6	31.1	24.6	8.9	4.2	.8	.1	.0			100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

2458

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS FEB MONTH
 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	4.8	3.5	.9	.4	.2					12.9	10.4
NNE	.6	1.7	3.8	3.4	.6	.1	.1					10.3	10.1
NE	.3	1.5	2.1	.8	.1	.0	.0					4.9	8.3
ENE	.4	1.1	1.5	.3	.0							3.4	7.0
E	.5	.7	1.5	.4	.0							3.0	7.3
ESE	.5	.5	1.4	1.1	.3	.1	.0					4.0	10.1
SE	.5	.4	1.8	1.9	.9	.6	.1					6.2	12.8
SSE	.3	1.4	2.1	4.6	3.3	2.1	.9	.1				14.8	15.7
S	.5	1.9	5.4	5.9	1.7	.9	.2					16.4	11.9
SSW	.2	.6	.8	.8	.2							2.6	9.1
SW	.3	.2	.4	.3								1.2	7.7
WSW	.3	.3	.3	.1	.0							1.0	6.5
W	.2	.5	.6	.1	.0							1.4	6.9
WNW	.2	.5	.5	.2	.2		.0					1.6	9.3
NW	.3	.4	.7	.2	.4	.1	.0					2.2	10.1
MNW	.6	1.1	2.2	1.9	1.1	.4	.0					7.3	11.4
VARBL													
CALM												6.8	
	6.7	14.8	29.9	25.4	9.8	4.9	1.7	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 2465

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

MAR
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.2	3.5	1.6	.9						11.6	11.7
NNE	.3	1.2	2.7	2.4	.8	.2	.1					7.7	11.2
NE	.1	1.0	1.9	1.0	.2	.1						4.3	9.1
ENE	.1	1.0	2.0	1.1								4.2	8.4
E	.5	1.1	1.2	.6	.2							3.5	7.9
ESE	.3	.6	1.1	1.0	.3	.1						3.5	10.1
SE	.3	1.3	1.8	1.5	1.3	.8	.3					7.3	12.9
SSE	.2	.8	2.1	4.1	3.2	2.9	1.2	.2				14.7	17.2
S	.6	1.5	3.6	6.9	2.9	1.4	.5	.0				17.4	13.5
SSW	.4	.6	1.0	1.0	.4	.1	.0					3.7	10.5
SW	.2	.5	.3	.1	.2	.0						1.3	8.1
WSW	.0	.3	.1	.1	.1	.0						.7	10.1
W	.2	.5	.5	.2	.1	.1						1.5	7.9
WNW	.4	.9	.3	.3	.1	.1						2.1	8.1
NW	.5	.4	.9	.9	.5	.0						3.2	10.2
NNW	.6	1.0	2.3	2.4	1.4	.9	.1	.1				8.8	12.8
VARBL													
CALM												4.5	
	5.1	14.6	25.2	27.1	13.3	7.6	2.2	.3				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 2682

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13219 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MAR MONTH

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

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	3.7	3.2	1.3	.7	.0					11.0	11.5
NNE	.1	.5	1.8	2.9	1.0	.3	.1					6.5	12.9
NE	.2	.7	1.9	1.3	.1							4.2	9.0
ENE	.2	.7	1.5	1.1	.1							3.5	9.3
E	.4	.7	1.3	.9	.1							3.5	8.6
ESE	.3	.7	1.2	.9	.5	.1	.0					3.7	10.9
SE	.3	.9	1.8	1.5	1.1	.7	.1	.1				6.6	12.9
SSE	.2	.7	2.0	3.8	3.4	2.2	.7	.1				13.2	16.3
S	.2	1.2	4.5	7.4	2.6	.9	.5	.1				17.3	13.4
SSW	.3	1.0	1.2	1.1	.6	.3						4.5	10.8
SW	.1	.6	.3	.1	.3	.0						1.4	8.9
WSW	.0	.4	.3	.5	.0							1.3	9.1
W	.2	.4	.3	.1	.0							1.0	7.0
WNW	.3	.6	.6	.6	.2							2.4	9.0
NW	.5	.7	.9	1.1	.5	.3						3.8	11.1
NNW	.6	1.3	2.9	2.6	1.7	1.0	.3					10.4	12.8
VARBL													
CALM												5.4	
	4.2	12.9	26.2	29.3	13.7	6.5	1.7	.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE /MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

MAR
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.5	3.1	3.5	2.2	.7	.1					11.6	12.5
NNE	.2	1.0	2.1	2.5	.9	.4	.0					7.1	11.7
NE	.1	1.0	1.1	1.5	.3							4.0	9.8
ENE	.1	.6	.9	.7	.1							2.5	9.0
E	.1	.9	1.2	.4	.2							2.9	8.4
ESE	.2	.5	1.6	.7	.3	.3						3.6	10.8
SE	.4	1.1	1.5	1.8	1.1	.8	.1					6.8	12.9
SSE	.3	.7	1.8	3.4	2.8	2.6	.7	.2				12.4	16.9
S	.3	1.5	4.3	6.7	2.4	1.4	.3	.1	.0			17.1	13.5
SSW	.3	1.4	1.5	1.4	.7	.4	.0					5.7	11.1
SW	.3	.3	.4	.4	.2							1.6	9.4
WSW	.3	.4	.4	.7	.1	.0	.0					2.1	10.1
W	.1	.4	.6	.3	.1							1.5	8.1
WNW	.3	.9	.6	.6	.3	.1						2.8	9.3
NW	.1	.6	1.0	1.0	.7	.1						3.5	11.8
NNW	.5	1.3	3.1	3.4	1.8	1.0	.2					11.3	12.5
VARBL													
CALM												3.4	
	4.2	14.0	25.3	29.2	14.1	7.9	1.6	.3	.0			100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

2670

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

MAR
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.3	4.5	2.2	1.1	.1					11.5	13.7
NNE	.3	.8	1.9	3.1	.9	.4	.0					7.4	12.2
NE	.2	.3	1.6	1.5	.3							3.8	10.6
ENE	.1	.4	1.0	1.3	.3							3.0	10.7
E	.1	.7	1.1	.7	.1							2.8	9.3
ESE	.1	.4	1.5	.8	.1	.1						3.0	10.1
SE	.1	.6	1.3	1.1	.9	.8	.1					5.0	13.8
SSE	.1	.7	1.4	2.0	1.3	3.4	1.8	.5	.0			11.3	19.7
S	.2	.6	1.6	5.5	3.7	2.2	.8	.1				14.7	16.5
SSW	.2	.6	1.6	2.6	2.4	1.7	.3	.0				9.5	15.8
SW	.1	.4	1.0	1.0	.4	.5	.1					3.5	13.6
WSW	.3	.7	.7	.7	.2	.3	.0					2.9	10.8
W	.2	.6	.4	.5	.4	.2	.0					2.3	11.4
WNW	.1	.3	.7	.7	.1	.1						2.0	11.1
NW	.2	.4	1.2	1.1	1.0	.4	.0	.0				4.4	13.3
NNW	.1	.6	2.5	3.7	1.8	1.4	.1					10.2	14.1
VARBL													
CALM												2.6	
	2.9	8.9	21.8	30.8	16.3	12.5	3.4	.7	.0			100.0	13.9

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72
 YEARS

MAR
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.7	5.0	2.0	.9	.1					11.8	13.4
NNE	.1	.6	1.6	2.6	.6	.4						6.1	12.2
NE	.2	.6	1.2	1.3	.1	.0						3.4	9.7
ENE	.2	.3	1.1	.8	.1							2.4	9.6
E	.2	.6	1.1	.9	.1							2.6	8.6
ESE	.1	.4	1.1	.9	.1	.0						2.6	10.3
SE	.1	.4	1.2	.9	.5	.3	.1					3.4	12.3
SSE	.1	.5	1.3	2.4	1.6	2.9	1.9	.5				11.2	19.9
S	.2	.7	1.7	4.3	3.4	2.8	1.1	.1				14.2	17.3
SSW	.3	.7	1.5	3.3	2.4	1.6	.4	.0				10.1	15.6
SW	.2	.5	1.1	1.2	.9	.3	.1					4.3	13.2
WSW	.1	.6	1.1	.9	.7	.4	.1					3.9	12.3
W	.3	.5	.6	.7	.3	.3	.1					2.8	12.1
WNW	.2	.3	.6	1.0	.5	.1	.1					2.9	12.9
NW	.1	.4	1.2	1.5	.9	.5	.0					4.6	13.4
NNW	.2	1.2	2.3	4.1	2.2	1.3	.1					11.3	13.8
VARBL													
CALM												2.1	
	2.9	9.2	21.5	31.5	16.3	11.8	4.1	.6				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIP WEATHER SERVICE/NAIC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME ALL WEATHER CLASS YEARS 43-45, 47-72 MONTHS MAR 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	2.4	5.2	1.9	1.0	.0					11.7	13.3
NNE	.1	.6	1.5	3.4	.6	.3						6.5	12.6
NE	.3	.7	1.5	1.0	.2							3.7	9.3
ENE	.1	.4	1.3	.6	.0							2.5	9.0
E	.3	.6	1.3	.6	.1							2.9	8.6
ESE	.0	.6	1.0	.9	.1							2.6	9.6
SE	.2	.2	1.0	1.0	.5	.6	.1	.1				3.7	14.6
SSE	.4	.4	1.0	2.7	2.3	2.8	1.8	.3				11.2	19.6
S	.3	.5	2.5	5.2	3.7	2.5	.7	.0				15.2	16.2
SSW	.3	.8	1.9	2.7	1.8	1.2	.2	.0				8.9	14.5
SW	.2	.5	1.0	1.0	.7	.4	.1					4.0	13.0
WSW	.2	.3	1.0	.0	.7	.4	.0					3.5	13.1
W	.2	.4	.5	.4	.3	.3	.0					2.2	11.8
WNW	.2	.6	.7	.9	.5	.4	.1					3.4	13.4
NW	.1	.6	1.1	1.2	1.0	.5	.0					4.5	13.1
NNW	.4	1.2	2.0	4.2	2.0	1.1	.1	.4				11.0	13.7
VARBL													
CALM												2.4	
	3.2	9.5	21.6	31.7	16.5	11.5	3.2	.4				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 2682

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

2

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45.47-72 YEARS MAR MONTH
1800-2000 HOURS (L.S.T.)

ALL W/FATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	4.4	4.4	2.0	.6	.0					14.2	11.3
NNE	.3	1.2	2.4	2.4	.7	.3						7.4	10.8
NE	.1	.7	1.6	1.3	.0	.0						3.7	9.5
ENE	.3	.9	1.2	.4								2.8	7.3
E	.3	1.2	1.1	.4	.1							3.0	7.3
ESE	.3	.8	1.9	.9	.2	.0						4.2	9.2
SE	.2	1.3	2.1	1.7	1.0	.4	.1					6.9	12.0
SSE	.2	.9	2.4	3.9	3.4	1.9	1.1	.3				14.1	16.5
S	.4	2.1	4.1	6.0	1.7	.5	.2					15.1	12.0
SSW	.3	.8	1.8	1.2	.6	.2						4.9	10.3
SW	.3	.4	.5	.3	.1	.1						1.6	9.0
WSW	.2	.1	.6	.6	.0							1.5	9.6
W	.1	.6	.2	.1	.1	.1						1.2	8.2
WNW	.1	.5	.4	.3	.2	.1						1.5	10.9
NW	.3	.5	.9	1.0	.5	.4	.1					3.7	12.2
NNW	.5	1.4	2.4	2.7	1.6	1.0	.1					9.7	12.5
VARBL													
CALM												4.4	
	4.8	15.4	27.9	27.6	12.3	5.7	1.7	.3				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 2671

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS APR MONTH
 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.0	2.1	.6	.2						7.0	10.4
NNE	.3	1.4	2.3	1.8	.7	.0						6.6	9.9
NE	.5	.9	2.0	.9	.1							4.4	8.1
ENE	.5	1.0	2.2	.7	.1			.0				4.5	8.3
E	.4	1.0	2.0	1.2	.2	.0						4.8	9.0
ESE	.1	1.0	1.1	2.0	.5	.0						4.7	10.8
SE	.3	1.2	2.0	2.6	1.9	.9	.5	.0				9.4	13.9
SSE	.3	1.3	2.4	4.8	2.6	3.8	1.7	.4				17.4	17.2
S	.4	1.8	4.2	9.2	2.8	1.3	.3					20.2	13.1
SSW	.3	.7	.7	.7	.3	.3	.1					3.0	11.8
SW	.1	.2	.1	.4	.1							.9	9.9
WSW		.3	.3	.2	.2	.0						1.0	10.2
W		.5	.4	.2	.1							1.3	8.1
WNW	.2	.3	.7	.3	.1		.0					1.6	9.4
NW	.3	.4	.7	.7	.2	.1	.0					2.5	10.3
NNW	.5	1.0	1.5	1.5	1.3	.5						6.4	12.0
VARBL													
CALM												4.2	
	4.7	14.7	24.6	29.5	11.8	7.3	2.7	.5				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 2594

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

APR

NORTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	2.2	2.7	.6	.3	.0					8.1	10.5
NNE	.3	1.2	2.0	2.0	.9	.2						6.6	10.8
NE	.1	1.3	1.5	.9	.1							3.9	8.4
ENE	.2	.9	1.5	.8	.0							3.4	8.6
E	.5	.8	1.3	1.6	.1	.0						4.3	9.4
ESE	.2	.6	1.0	1.7	.6	.1						4.4	11.2
SE	.5	1.4	2.2	2.0	1.8	1.3	.2	.2				9.5	13.6
SSE	.2	1.3	2.4	4.3	2.3	3.6	1.4	.2				15.8	16.6
S	.3	1.3	5.2	8.4	2.9	1.3	.3					19.8	13.1
SSW	.2	.7	1.1	1.2	.4	.3						4.0	11.4
SW	.2	.3	.4	.2	.1	.0						1.3	8.6
WSW	.1	.5	.5	.2	.1	.1						1.4	9.2
W	.2	.5	.5	.2	.0							1.4	7.1
WNW	.3	.3	.8	.3	.2	.0						1.8	9.0
NW	.3	.5	.8	.9	.2	.2	.0					2.9	10.3
NNW	.4	1.4	2.2	2.3	1.1	.4	.0					7.8	11.5
VARBL													
CALM													
	4.5	15.1	25.5	29.7	11.4	7.9	2.0	.3				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

2596

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH APR

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

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.2	2.2	3.0	1.3	.2						8.3	11.4
NNE	.4	.7	1.7	2.7	1.1	.2						6.8	11.8
NE	.3	.7	1.8	1.0	.2	.0						4.1	9.3
ENE	.2	1.0	1.5	.9	.1	.0						3.7	8.9
E	.3	1.0	1.3	1.2	.3	.0						4.2	9.5
ESE	.4	.6	1.1	1.4	.5	.2						4.2	11.1
SE	.2	.7	1.8	2.2	1.6	1.2	.5	.1				8.5	14.6
SSE	.2	.6	2.3	3.3	2.9	2.9	2.0	.4	.0			14.6	18.3
S	.3	1.7	4.1	8.3	3.2	1.1	.7					19.3	13.7
SSW	.2	.7	1.4	2.3	.9	.4	.3					6.1	13.3
SW	.1	.4	.3	.3	.3	.0						1.4	10.5
WSW	.1	.5	.6	.4	.1							1.7	8.9
W	.2	.2	.4	.1		.1						1.1	8.2
WNW	.2	.3	.5	.3	.2	.2						1.6	10.4
NW	.2	.8	.8	1.1	.8	.1						3.7	11.6
NNW	.4	.9	2.2	2.2	1.5	.3	.1					7.5	11.9
VARBL													
CALM												3.1	
	4.4	12.0	24.0	30.6	15.0	6.9	3.6	.5	.0			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 2591

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45.47-72 YEARS APR MONTH
 0900-1100 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3	2.6	3.3	1.5	.5	.1					8.6	13.1
NNE	.2	.6	1.7	3.0	1.3	.3						7.2	12.4
NE	.1	.4	1.1	1.2	.3	.1	.0					3.3	11.2
ENE	.0	.6	1.5	1.3	.0	.1	.0					3.6	10.4
E	.2	.7	1.7	1.4	.2	.2						4.3	10.3
ESE	.2	.5	1.2	1.4	.4	.4						4.1	12.1
SE	.2	.7	1.0	1.2	1.0	1.0	.3					5.3	15.2
SSE	.1	.7	1.3	2.6	2.7	2.6	2.5	1.0	.0			13.5	20.5
S	.2	.7	1.7	5.9	5.2	1.8	1.0	.2				16.8	16.7
SSW	.3	.3	1.6	3.8	3.0	1.9	.2	.0				10.8	16.3
SW	.1	.2	.5	1.2	.6	.3	.1					3.0	14.6
WSW	.2	.3	.9	.8	.5	.2						2.7	11.6
W	.1	.2	.3	.5	.2	.0						1.2	10.7
WNW	.2	.3	.4	.7	.5	.2	.0					2.4	12.4
NW	.1	.4	.8	1.1	1.0	.6						4.0	14.2
NNW	.2	.5	1.9	2.9	1.7	.5						7.5	13.4
VARBL													
CALM												1.7	
	2.4	7.5	20.3	32.0	20.0	10.6	4.3	1.2	.0			100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 2592

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS APR MONTH
 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	2.3	3.1	1.5	.2	.0					8.0	12.3
NNE	.3	.5	2.0	2.4	.8	.3						6.4	11.8
NE	.1	.5	1.5	1.8	.4	.1						4.4	11.0
ENE	.1	.5	1.3	1.0	.1	.0						3.0	9.8
E	.2	.6	1.2	.8	.2	.1						3.0	9.7
ESE	.2	.3	1.1	1.4	.3	.2	.1					3.5	12.2
SE	.1	.3	1.1	1.2	.9	.7		.1				4.6	15.2
SSE	.1	.5	.9	1.5	2.8	3.5	2.5	.9				12.7	21.9
S	.1	.7	2.1	6.4	4.6	2.4	.7	.1				17.2	16.5
SSW	.0	.8	1.5	3.9	2.4	1.3	.4					10.2	15.4
SW	.1	.3	1.3	1.8	1.0	.4	.1					4.9	13.7
WSW	.0	.5	.8	.8	.3	.0	.0					2.5	10.9
W	.2	.3	.8	.7	.1	.1						2.2	10.5
WNW	.1	.3	1.1	.8	.4	.5						3.4	13.2
NW	.4	.4	.9	1.4	.7	.2						3.7	12.9
NNW	.2	.8	1.5	3.9	1.9	.6						8.9	13.4
VARBL													
CALM												1.4	
	2.0	8.0	21.5	33.0	18.3	10.7	4.1	1.1				100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 2591

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS APR NORTH
 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.9	3.6	2.8	.4	.1						9.2	9.6
NNE	.2	1.3	3.4	1.7	.5	.2						7.4	10.1
NE	.1	1.4	1.7	.5	.2							4.0	8.1
ENE	.2	1.5	1.4	.5	.2	.1						3.9	8.2
E	.1	1.0	1.8	.5	.0							3.5	8.1
ESE	.4	.9	2.0	1.4	.7	.1						5.6	10.4
SE	.7	.7	1.9	2.2	1.4	.7	.7					8.2	13.8
SSE	.2	.8	2.6	4.1	2.6	3.5	1.5	.3				15.7	17.6
S	.2	1.7	4.3	8.0	2.7	1.5	.3					18.7	13.4
SSW	.4	.5	.8	1.1	.3							3.1	10.0
SW	.2	.4	.3	.3	.1	.1		.0				1.4	11.0
WSW	.2	.4	.3	.4	.1	.1						1.5	9.4
W	.2	.3	.4	.2								1.0	7.4
WNW	.2	.5	.5	.4	.3	.1	.1					2.1	10.8
NW	.5	.5	.9	.7	.2	.2	.0					3.0	9.8
NNW	.3	1.3	2.2	2.7	1.4	.4	.2					8.5	12.1
VARBL													
CALM												3.3	
	4.5	15.3	27.9	27.5	11.1	7.0	2.9	.4				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 2584

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME ALL WEATHER CLAS
 YEARS 43-45, 47-72
 MONTH APR
 HOURS (L.S.T.) 2100-2300

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.4	2.7	2.0	.7	.2	.1					8.6	9.5
NNE	.3	1.5	2.6	1.5	.6	.2						6.7	10.0
NE	.2	1.2	1.8	.5	.2							3.8	7.9
ENE	.3	1.5	1.7	.8	.2							4.4	8.1
E	.4	1.7	1.8	.8	.1	.0						4.8	7.7
ESE	.4	.8	1.6	2.2	.7	.4	.1					6.2	11.7
SE	.5	1.1	1.7	3.2	1.0	1.3	.8	.1				9.8	14.5
SSE	.2	1.5	3.1	5.0	2.3	3.4	1.7	.5	.0			17.7	16.8
S	.7	1.7	4.1	8.0	3.0	1.1	.3	.0				18.9	13.1
SSW	.2	.4	.5	.4	.1							1.5	9.0
SW	.1	.1	.3	.3	.1					.0		1.0	11.9
WSW		.2	.2	.2	.2							.7	10.4
W	.3	.1	.3	.1	.1							.9	7.0
WNW	.1	.2	.4	.3	.2		.1					1.4	12.5
NW	.2	.3	.8	.8	.3	.1						2.5	11.2
NNW	.5	1.2	1.1	2.1	.9	.5	.2					6.4	12.2
VARBL													
CALM												4.8	
	4.9	16.0	24.7	28.2	10.4	7.1	3.3	.6	.0	.0		100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 2589

SURFACE WINDS

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MAY MONTH
 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.7	1.0	.3	.1						5.7	8.7
NNE	.3	.3	1.6	1.3	.1	.1						4.7	9.0
NE	.3	1.2	1.5	.6	.1							3.6	1.1
ENE	.2	.8	1.6	.3	.0							2.8	7.8
E	.4	1.4	1.6	.6	.1							4.2	7.6
ESE	.5	.9	2.3	1.7	.7	.3	.2					6.7	11.1
SE	.6	2.0	2.9	3.4	1.3	.6	.1					10.9	11.2
SSE	.4	1.9	3.9	4.9	3.0	2.8	.9	.1				17.8	14.9
S	1.0	3.0	7.0	8.1	2.7	1.3	.4	.1				23.6	12.0
SSW	.7	1.3	.9	.6	.2	.1	.1					3.9	8.5
SW	.1	.4	.3	.1	.1							1.0	8.0
WSW	.1	.2	.3	.0	.1							.8	7.5
W	.2	.5	.5	.1								1.3	6.5
WNW	.3	.7	.6	.1	.1	.0						1.8	6.2
NW	.3	.4	.7	.4	.1							2.0	8.2
NNW	.3	.9	1.5	.5	.3	.1						3.6	9.1
VARBL													
CALM												5.9	
	6.4	18.6	29.0	23.5	9.3	5.5	1.3	.2				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS MAY MONTH 0300-0500 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.2	1.7	.4	.1						6.1	9.6
NNE	.4	.9	1.6	.8	.5	.0						4.1	9.5
NE	.4	1.0	1.2	.5	.1							3.0	7.3
ENE	.3	.8	1.2	.7								2.9	7.9
E	.5	1.5	.9	.5	.1							3.6	7.0
ESE	.5	1.0	1.9	1.5	.3	.1						5.3	9.8
SE	.7	1.6	2.9	2.8	1.8	.7	.1					10.7	11.8
SSE	.4	2.4	3.4	4.6	3.0	2.8	.7	.0				17.3	14.4
S	1.0	2.5	6.8	3.6	1.9	1.1	.5					22.3	11.9
SSW	.9	.9	1.0	.6	.4	.1	.0					4.0	8.7
SW	.4	.6	.4	.4								1.8	6.9
WSW	.2	.8	.2	.2								1.4	6.5
W	.3	.7	.7	.0	.0							1.7	6.3
WNW	.2	.5	.6	.1	.2							1.6	7.9
NW	.2	.7	.7	.3	.2		.0					2.1	8.7
NNW	.6	1.0	2.0	.9	.1							4.6	8.3
VARBL													
CALM												7.4	
	7.5	17.9	27.6	24.2	9.0	5.0	1.4	.0				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

2689

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72 YEARS

MAY MONTH

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

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.9	1.9	.3	.1						5.8	9.7
NNE	.3	.9	1.9	1.3	.4	.0						4.8	9.9
NE	.2	.6	1.2	.4	.1							2.6	8.1
ENE	.4	.9	1.1	.8	.2							3.3	8.6
E	.5	1.4	1.6	.4	.2							4.2	7.5
ESE	.2	1.6	1.6	1.5	.5	.3	.0					5.7	10.2
SE	.3	1.5	2.6	2.0	1.1	.5	.2					8.2	11.8
SSE	.1	1.4	3.3	4.5	2.7	2.8	1.1	.2				16.0	15.8
S	.7	2.4	6.0	9.0	3.5	1.6	.7	.1				23.9	13.1
SSW	.4	.9	1.5	1.8	.4	.4	.3	.0				5.6	12.1
SW	.1	.6	.3	.3	.1	.1						1.5	9.1
WSW	.3	.5	.8	.1	.0	.0						1.8	7.3
W	.1	.5	.6	.2	.0							1.4	7.8
WNW	.3	.5	.6	.3	.0							1.8	7.4
NW	.3	.7	1.2	.6	.1	.1						3.0	8.8
NNW	.5	.8	1.8	1.5	.4	.1						5.1	10.2
VARBL													
CALM												5.1	
	5.1	16.2	28.1	26.9	10.1	6.0	2.3	.3				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

2680

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION

TINKER AFB OK, OKLAHOMA CITY

43-45, 47-72

YEARS

MAY

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.8	2.2	2.3	.4	.1						6.3	10.5
NNE	.1	.9	1.8	1.9	.4	.1						5.2	10.5
NE	.2	.8	1.7	.9	.2	.0						3.8	9.4
ENE	.2	.5	1.1	.6	.1							2.5	9.0
E	.4	1.0	1.2	.6	.2	.1						3.6	8.3
ESE	.2	.7	1.5	1.5	.6	.3	.1					5.0	12.2
SE	.2	.8	1.5	1.6	.6	.5	.1					5.4	12.2
SSE	.3	.8	2.6	2.7	2.6	3.4	1.5	.3	.0			14.3	17.7
S	.2	1.6	4.5	8.2	5.5	3.0	.9	.4				24.5	15.4
SSW	.3	.9	2.0	4.4	1.7	.4	.5	.2				10.5	14.0
SW	.2	.7	1.4	1.1	.3	.3						4.1	10.9
WSW	.1	.5	.8	.4	.2	.0						2.0	9.5
W	.1	.2	.6	.2								1.2	7.9
WNW	.0	.3	.6	.2	.1							1.3	9.1
NW	.1	.3	.7	.8	.2	.0						2.2	10.8
NNW	.2	.9	1.4	2.0	.5	.3						5.3	11.3
VARBL													
CALM												2.9	
	3.4	12.0	25.8	29.5	13.7	8.5	3.2	.9	.0			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

2683

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAY
 HOURS (L.F.T.) 1200-1400

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.9	1.9	.8	.3						6.0	11.5
NNE	.2	.8	2.1	1.9	.3	.1						5.4	10.1
NE	.4	.7	1.3	.8								3.3	8.2
ENE	.1	.8	1.0	1.0	.1							3.0	9.5
E	.1	1.2	1.4	.6	.1	.0						3.4	8.3
ESE	.3	.7	1.4	1.6	.5	.3	.2					5.0	11.9
SE	1.0	1.4	1.4	1.7	.9	.8	.2					6.1	13.7
SSE	.1	1.2	2.7	2.7	2.6	2.9	1.4	.4	.0			14.2	17.4
S	.5	1.5	4.6	9.3	5.7	2.8		.2	.1			25.5	15.1
SSW	.1	.7	2.2	3.4	2.0	.8	.1	.1				9.5	14.3
SW	.2	.6	1.0	1.2	.4	.1	.0					3.6	11.1
WSW	.1	.5	.6	.4	.2							1.8	9.2
W	.1	.2	.3	.2	.0	.0						.9	9.2
WNW	.3	.3	.7	.3	.3	.0						2.0	10.1
NW	.1	.4	.7	.5	.3	.1						2.0	10.6
NNW	.2	.7	2.1	1.7	.7	.2						5.6	11.3
VARBL													
CALM												2.7	
	3.2	12.1	25.3	29.4	15.1	8.5	2.9	.7	.1			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

2680

SURFACE WINDS

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC
 PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

2

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MAY MONTH
 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.0	2.0	.5	.1						6.0	10.4
NNE	.3	.8	2.3	2.1	.4							5.8	10.3
NE	.2	.6	1.3	.8	.1							3.1	9.0
ENE	.2	.8	1.5	.4	.0							2.9	8.1
E	.3	1.3	1.5	.8	.1							3.9	8.0
ESE	.1	1.3	1.9	1.5	.6	.4	.2					6.0	11.5
SE	.2	.9	2.9	2.0	1.1	.9	.2	.0				8.3	13.1
SSE	.1	1.0	2.7	4.7	3.4	3.8	1.8	.3				17.7	17.4
S	.1	1.1	3.5	9.8	5.1	2.6	.5	.1	.0			23.0	15.2
SSW	.1	.5	1.9	2.1	.9	.6	.2					6.2	13.4
SW	.1	.5	1.0	.7	.2	.1						2.6	10.6
WSW	.4	.4	.4	.3	.0	.0						1.2	9.1
W	.0	.3	.5	.1	.1	.0						1.1	9.7
WNW	.1	.1	.7	.6	.2	.0						1.8	10.9
NW	.0	.1	.8	.7	.3							1.9	11.2
NNW	.3	.6	1.9	1.9	.6	.2	.1					5.8	11.4
VARBL													
CALM												2.7	
	2.7	11.3	26.9	30.6	13.6	8.7	2.9	.4	.0			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY
STATION NAME

43-45, 47-72
YEARS

MAY
MONTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.0	1.6	.3	.1	.0					6.2	9.3
NNE	.4	1.4	2.0	1.4	.3							5.6	9.0
NE	.4	1.0	1.2	.5	.0							3.2	7.5
ENE	.2	1.5	1.5	.4	.1							3.8	7.5
E	.6	1.5	2.1	.6	.1							4.8	7.3
ESE	1.0	1.9	3.5	1.4	.3	.3	.1					8.5	9.1
SE	1.1	2.1	3.5	3.3	1.6	.4	.1	.0		.0		12.2	11.0
SSE	.4	1.9	4.5	5.6	3.3	3.3	1.0	.0				19.9	14.8
S	.3	2.0	5.4	8.0	2.7	.6	.2	.0				19.2	12.4
SSW	.2	.9	.7	1.0	.3	.0	.0					3.2	10.3
SW	.1	.3	.3	.1								.7	6.4
WSW	.2	.2	.3	.2								.9	8.1
W	.0	.1	.2		.0							.3	7.9
WNW	.0	.2	.4	.1	.1	.0						.9	9.8
NW	.0	.3	.3	.3		.0	.0					1.0	9.7
NNW	.2	.9	1.9	1.2	.3	.2	.0					4.7	10.1
VARBL													
CALM												4.8	
	5.6	17.9	29.7	22.6	9.6	5.0	1.6	.1		.0		100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION MARK 43-45, 47-72 YEARS MAY MONTH
 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.1	1.5	.2	.1	.0					5.7	9.2
NNE	.4	1.5	1.4	1.0	.3							4.6	8.4
NE	.4	1.0	1.3	.9								3.5	8.0
ENE	.6	1.5	1.0	.6	.2							3.9	7.3
E	.5	1.3	1.6	.9	.1							4.4	7.9
ESE	.9	1.1	3.0	2.3	.4	.4	.1	.1				8.4	10.9
SE	1.2	2.9	3.7	3.5	2.1	.5	.2	.1				14.3	11.0
SSE	.3	2.1	3.8	6.4	3.6	2.2	1.4	.1				19.9	14.9
S	.6	2.5	5.6	7.2	1.6	.9	.3	.0				18.8	11.7
SSW	.1	.4	.3	.6	.3							1.8	11.2
SW	.1	.1	.3	.2	.0							.8	8.5
WSW	.1	.5	.4	.0		.0						1.0	7.0
W	.1	.1	.3	.1	.1	.0						.6	9.6
WNW	.1	.2	.3	.2								.7	8.5
NW	.0	.4	.3	.3	.1							1.2	9.1
NNW	.4	1.0	1.2	.7	.2	.1						3.8	8.9
VARBL													
CALM												6.6	
	6.3	17.9	26.5	26.5	9.4	4.4	2.1	.3				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 2683

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45.47-72
 YEARS

JUN
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	1.1	.7	.2	.1						2.9	9.5
NNE	.3	.9	1.3	.5	.2							3.1	8.1
NE	.3	1.	.9	.4	.0							2.8	6.8
ENE	.3	.7	1.3	.2								2.5	7.2
E	.8	1.6	1.2	.6								4.2	6.4
ESE	.8	1.1	2.0	2.0	.4	.2						6.5	9.8
SE	.8	2.7	3.7	3.8	2.0	1.0						14.0	11.4
SSE	.5	2.3	5.2	7.9	5.6	4.6	.9	.1				27.2	15.2
S	.9	3.0	8.6	8.4	2.4	1.0	.1	.2				24.6	11.2
SSW	.2	.8	.7	.9	.2	.1						2.9	9.8
SW	.2	.3	.4	.2	.1							1.1	8.0
WSW	.2	.3	.2	.1								.7	6.6
W	.1	.2	.3	.0								.6	5.8
WNW	.0	.2	.1	.1								.4	7.3
NW	.2	.2	.4	.3	.2							1.3	9.4
NNW	.4	.3	.7	.5	.0	.0						2.0	8.8
VARBL													
CALM												3.4	
	6.3	16.4	28.0	26.4	11.3	7.0	1.0	.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

2558

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS JUN MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	1.1	.8	.0	.0						3.4	8.1
NNE	.3	.9	1.3	.6	.1							3.2	8.5
NE	.4	1.1	.6	.6	.0							2.7	7.3
ENE	.2	.7	1.0	.5	.0	.0						2.5	8.3
E	.4	.7	1.2	.4	.2	.0						3.1	8.2
ESE	.3	1.1	1.3	.9	.4	.1						4.2	9.6
SE	.6	1.4	2.5	2.0	1.1	.4	.0					7.9	11.1
SSE	.2	1.7	4.2	5.7	5.3	3.9	.7	.2				22.0	15.7
S	.7	3.4	8.8	10.0	3.0	3.0	.7					29.7	12.8
SSW	.2	1.0	2.2	2.9	1.4	.5	.0					8.1	12.5
SW	.4	.5	.5	.5								1.8	7.6
WSW	.3	.4	.2	.2	.0							1.0	6.5
W	.2	.3	.4	.0								.8	6.2
WNW	.2	.3	.3	.1								.9	6.5
NW	.2	.7	.4	.2								1.4	6.5
NNW	.1	.7	1.1	.8	.4	.0						3.1	9.9
VARBL													
CALM												4.0	
	5.0	15.9	21.2	26.1	12.0	8.1	1.5	.2				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 2558

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS JUN MONTH

0700-1100
 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.7	1.1	1.1	.4	.0						3.6	9.6
NNE	.4	.9	1.2	1.3	.3			.0				4.0	9.5
NE	.3	.3	.9	.8		.0						2.6	8.4
ENE	.2	.3	1.0	.6	.1							2.2	8.8
E	.2	.8	1.1	.7	.2							3.0	8.7
ESE	.4	.6	1.5	.9	.7	.1	.0					4.1	10.5
SE	.2	.9	1.8	1.6	.8	.5	.1					5.9	12.2
SSE	.2	1.1	2.3	3.1	3.8	3.4	1.0	.2				15.0	17.0
S	.5	1.7	5.7	10.3	5.4	4.4	1.4	.1				29.4	15.4
SSW	.4	.9	3.4	5.6	2.6	1.3	.0					14.2	13.5
SW	.3	1.0	1.9	1.4	.4	.3						5.3	10.3
WSW	.3	.5	1.0	.4								2.1	7.6
W	.2	.3	.4	.3								1.1	7.9
WNW	.1	.2	.2	.1								.7	7.5
NW	.2	.4	.4	.3		.0						1.2	8.1
NNW	.3	1.0	1.2	.6	.1							3.1	8.1
VARBL													
CALM												2.4	
	4.4	11.8	24.9	29.1	14.4	10.1	2.5	.3				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 2564

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUN
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.9	1.6	.8	.2							3.5	9.3
NNE	.2	.7	1.3	1.0	.0							3.2	9.3
NE	.1	.6	1.3	.5	.0							2.5	8.6
ENE	.2	.7	1.0	.8								2.7	8.5
E	.3	.7	1.0	.8	.1							2.9	8.3
ESE	.2	.9	1.4	1.3	.4	.0						4.1	10.2
SE	.4	1.1	2.0	2.2	1.1	.5						7.5	12.2
SSE	.4	1.2	2.7	4.7	4.9	5.1	1.3	.3				20.5	17.5
S	.4	1.8	5.0	10.7	5.1	3.6	.8	.0				27.5	14.8
SSW	.4	.8	2.9	4.4	2.2	.6						11.2	12.9
SW	.3	.7	1.3	1.2	.3	.1						3.8	9.8
WSW	.2	.7	.5	.3								1.7	7.3
W	.2	.4	.4	.1	.1							1.1	7.8
WNW	.0	.1	.3									.4	7.2
NW	.3	.4	.6	.5	.0							1.8	8.5
NNW	.2	.5	1.3	1.1	.2	.0						3.3	9.8
VARBL													
CALM												2.2	
	3.6	12.3	24.5	30.2	14.7	10.0	2.2	.4				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

2560

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS JUN MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	1.7	.9	.1	.0						3.4	9.3
NNE	.1	.4	1.5	.8	.1							2.9	9.7
NE	.2	.8	1.4	.4	.0							2.9	7.9
ENE	.4	.8	2.0	.4	.0							3.6	7.8
E	.1	.5	1.8	.8	.0							3.3	8.8
ESE	.1	1.2	2.1	1.4	.6	.2						5.5	10.6
SE	.3	1.6	3.1	3.5	2.7	1.0	.2					12.4	13.2
SSE	.2	1.5	4.0	6.0	6.8	6.5	1.4	.3				26.6	17.3
S	.3	1.3	5.0	10.8	4.0	1.6	.5					23.4	13.9
SSW	.2	.4	1.4	2.9	1.0	.2	.1					6.2	12.9
SW	.1	.4	.5	.5	.1	.1	.0					1.6	10.4
WSW	.3	.3	.4	.2	.0							.9	9.1
W	.3	.2	.2	.0	.0	.0						.8	6.9
WNW	.1	.2	.2									.4	5.9
NW	.1	.3	.2	.4						.0		1.1	10.2
NINW	.2	.7	1.6	1.0	.3							3.7	9.5
VARBL													
CALM												1.2	
	2.9	11.2	26.7	30.1	15.8	9.6	2.2	.3		.0		100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

2561

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72
 YEARS

JUN
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.2	.8	.1							3.0	9.0
NNE	.1	.6	1.4	.6	.2							3.0	9.2
NE	.2	.9	1.3	.3								2.7	7.3
ENE	.4	1.7	1.5	.5	.1							4.3	7.3
E	.9	1.6	2.1	.5	.0							5.1	7.0
ESE	.7	2.2	3.6	1.4	.7	.2						8.7	9.1
SE	.8	3.1	6.3	5.8	2.7	.9	.0					19.6	11.4
SSE	.4	1.9	6.1	9.5	6.0	3.2	.5	.2				27.7	14.5
S	.3	1.8	6.3	7.5	1.4	.4	.1					17.7	11.4
SSW	.1	.4	.6	.7	.1	.1						2.1	10.3
SW	.1	.5	.2	.1			.0					.9	7.5
WSW	.1	.2	.2									.5	6.6
W	.0	.0	.0									.1	5.7
WNW	.1	.1	.1			.0						.3	9.1
NW	.1	.1	.1	.1								.4	6.6
NNW	.0	.2	1.1	.7	.0							2.0	10.1
VARIABLE													
CALM												1.9	
TOTAL	4.3	15.9	32.1	28.6	11.3	4.9	.7	.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

2560

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUN
 MONTH

STATION NAME

ALL WEATHER

CLASS

CONDITION

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.1	.6	.1							2.2	9.3
NNE	.2	.5	1.1	.5	.1							2.4	8.6
NE	.4	.9	1.3	.3	.1							2.9	7.3
ENE	.4	1.4	1.0	.3		.1						3.3	7.1
E	.7	2.3	2.0	.5	.1							5.6	6.8
ESE	1.1	1.4	2.9	2.3	.9	.2						8.8	9.7
SE	.9	3.2	4.6	6.7	3.0	1.2	.1					19.7	12.0
SSE	.6	3.7	7.0	7.7	5.2	3.4	1.0	.1				28.8	13.8
S	.6	2.2	7.2	6.2	1.5	.5						18.3	10.8
SSW	.2	.4	.3	.5	.2		.0					1.6	10.2
SW	.1	.2	.1	.2	.0							.6	8.0
WSW	.0	.0	.1	.1	.0	.0						.3	12.3
W	.0	.0	.1	.1	.0							.3	9.5
WNW	.1	.1	.1	.1								.3	7.9
NW	.0	.2	.2	.2		.0						.6	8.6
NNW	.2	.2	.7	.3	.2	.0	.1					1.8	11.0
VARBL													
CALM												2.6	
	5.5	17.2	29.8	26.4	11.5	5.7	1.2	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

2560

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOUP Y OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS JUL MONTH 0000-0200 HOURS (L.E.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	.4	.2	.0	.0						1.7	7.3
NNE	.4	.5	.9	.1	.0							2.0	6.6
NE	.2	1.3	1.2	.2	.1							3.0	7.0
ENE	.5	1.1	1.5	.2								3.2	6.8
E	.8	1.7	1.8	.6	.1							5.0	6.9
ESE	.6	1.1	2.3	2.1	.4	.1						6.6	9.7
SE	.5	1.9	4.4	4.4	1.5	.2	.1					12.9	10.9
SSE	.6	3.1	6.5	8.3	3.1	.9	.1					22.8	12.0
S	1.1	5.0	15.0	7.4	1.0	.2						29.7	9.3
SSW	.5	.6	1.1	1.1	.3	.3						3.8	10.9
SW	.2	.3	.6	.1	.2	.0						1.4	8.8
WSW	.2	.3	.2	.2	.0	.0						.8	8.1
W	.0	.1	.2									.3	6.3
WNW	.2	.1	.2									.5	5.8
NW	.1	.3	.2		.0							.7	6.4
NNW	.2	.6	.2	.1	.1							1.1	6.6
VARBL													
CALM												4.6	
	6.3	18.7	36.6	25.0	6.9	1.7	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2648

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME JUL MONTH
 YEARS 43-45, 47-72 0300-0500
 ALL WEATHER CLASS HOUR (C.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	.9	.3								2.6	6.5
NNE	.5	1.2	1.1	.2	.0							3.0	6.4
NE	.4	1.0	1.3	.2	.1							3.0	7.0
ENE	.6	1.1	1.1	.3	.1							3.3	6.9
E	.4	1.2	1.5	.2	.1							3.4	7.0
ESE	.5	.9	2.0	1.2	.2		.0					4.8	9.1
SE	.5	1.8	3.8	4.1	1.5	.1	.0					11.9	10.9
SSE	.5	2.4	5.7	7.2	2.5	.7	.0					19.1	11.8
S	1.2	6.9	15.1	7.6	1.4	.2	.0	.0				32.4	9.2
SSW	.6	1.4	2.0	.9	.6	.2	.0					5.5	9.3
SW	.3	.2	.4	.3	.2							1.4	9.4
WSW	.1	.2	.2	.1								.6	6.2
W	.2	.3	.2	.0								.7	6.1
WNW	.0	.1	.1	.1	.0							.3	8.9
NW	.1	.4	.1	.0	.0							.7	5.8
NNW	.2	.3	.5	.2	.0	.0						1.3	8.1
VARBL													
CALM												6.0	
	6.5	20.3	36.0	22.9	6.8	1.2	.2	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2646

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS JUL NORTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	1.0	.5	.1							2.9	7.7
NNE	.5	1.1	.8	.7								3.1	7.3
NE	.5	.8	.9	.5	.0							2.6	7.3
ENE	.5	.6	1.4	.4	.1							3.1	7.4
E	.6	1.2	1.6	.6								4.1	7.3
ESE	.4	1.2	1.6	1.2	.2	.1	.0					4.7	9.1
SE	.4	1.7	3.1	2.3	.9	.1						8.5	10.2
SSE	.6	2.0	4.7	5.9	3.3	.7	.1					17.3	12.4
S	1.0	4.3	12.3	5.3	2.2	.8						29.0	10.4
SSW	.5	2.1	4.1	4.0	1.3	.2						12.1	10.5
SW	.3	.8	1.1	.9	.3	.1						3.6	9.8
WSW	.2	.7	.4	.3	.0							1.6	7.0
W	.1	.1	.2									.4	5.5
WNW	.0	.2	.1	.0	.0							.4	7.1
NW	.2	.3	.3	.0								.8	5.8
NNW	.1	.5	.3	.2								1.1	7.6
VARBL													
CALM													
	6.3	18.6	34.0	26.0	8.4	1.9	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2641

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 JUL
STATION NAME YEARS MONTH

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

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	.8	.6	.0							2.4	7.8
NNE	.2	.8	1.6	.8	.0							3.4	8.6
NE	.2	.8	1.4	.6	.1							3.1	6.2
ENE	.4	.6	1.4	.7	.0							3.1	8.1
E	.3	.9	1.2	.7	.1							3.3	8.4
ESE	.3	.7	1.0	1.2	.4	.1						3.6	10.1
SE	.4	1.4	2.2	1.5	.8	.4	.0					6.7	10.7
SSE	.4	1.5	3.3	4.6	2.0	.9	.2					12.8	12.6
S	.8	2.1	7.3	8.1	3.1	.8						22.1	11.7
SSW	.3	1.8	5.7	7.3	2.8	.8	.0	.0				18.8	12.4
SW	.4	1.0	3.0	3.3	.6	.1						8.5	10.7
WSW	.2	.9	1.9	1.3	.2	.0						4.5	9.8
W	.2	.7	.7	.3	.0							1.9	7.3
WNW	.3	.3	.3	.0								.9	5.8
NW	.1	.5	.1	.0								.7	5.3
NNW	.2	.2	.3	.2								.9	7.2
VARBL													
CALM												3.3	
	5.0	14.8	32.1	31.2	10.2	3.1	.2	.0	.0			100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 2642

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS
 ALL WEATHER CLASS JUL MONTH
 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.7	.9	.7	.0							2.8	7.9
NNE	.2	.9	1.7	.5	.1							3.4	8.1
NE	.1	1.0	1.6	.6	.0							3.3	8.0
ENE	.3	1.3	2.0	.8	.1		.0					4.6	8.1
E	.5	1.2	1.5	.9	.0							4.2	7.8
ESE	.3	1.3	2.0	.9	.3	.1	.0					4.9	9.1
SE	.4	1.5	2.3	2.2	1.2	.3						7.9	11.1
SSE	.5	2.0	4.9	5.1	3.4	1.1	.0					17.1	12.5
S	.4	2.8	7.0	8.7	2.7	1.1	.0	.0				22.7	11.9
SSW	.2	1.3	4.6	6.3	1.8	.3	.0					14.6	11.9
SW	.1	.8	1.7	2.6	.2							5.4	10.9
WSW	.2	.6	1.1	.7		.0						2.5	8.8
W	.3	.5	.3	.1			.0					1.2	6.5
WNW	.1	.2	.4	.1								.8	7.2
NW	.2	.3	.2	.0	.0	.0						.9	6.4
NNW	.2	.3	.3	.2								.9	7.0
VARBL													
CALM												2.7	
	4.5	16.8	32.5	30.4	9.9	3.0	.2	.0				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 2642

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME JUL MONTH 1500-1700 HOURS (L.S.T.)

YEARS 43-45, 47-72

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.3	.8	.7	.0							2.0	9.4
NNE	.2	1.2	1.4	1.2	.1							4.0	8.7
NE	.5	1.0	1.5	.6	.0	.0						3.7	7.6
ENE	.2	.8	2.2	.6	.1							3.8	8.5
E	.5	1.5	2.7	1.3	.2							6.1	8.5
ESE	.3	1.1	3.0	2.1	.6	.1	.0					7.2	10.2
SE	.3	1.8	4.1	3.7	1.6	.4						11.9	11.3
SSE	.3	1.8	5.3	7.3	3.6	2.0	.2					20.5	13.5
S	.5	2.4	6.9	9.1	2.7	.6	.0					22.3	11.7
SSW	.2	1.2	2.6	3.7	1.2	.3	.0					9.3	11.9
SW	.2	.6	.9	1.2	.2							3.1	10.1
WSW	.2	.2	.8	.2	.2							1.4	9.1
W	.2	.2	.0	.1								.6	6.0
WNW	.0	.0	.2	.1								.3	8.3
NW	.2	.2	.1	.1	.0							.6	7.1
NNW	.2	.3	.3	.2	.0							.9	7.6
VARBL													
CALM												2.2	
	4.1	14.6	32.6	32.2	10.5	3.5	.3					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 2640

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS JUL MONTH
 1800-2000 HOUR (L.S.T.)

ALL WEATHER
 CLUB

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.4	.7	.3	.1	.0						1.5	9.1
NNE	.3	.9	1.1	.4	.0							2.8	7.7
NE	.4	1.6	1.2	.7	.0	.0						3.9	7.5
ENE	.4	1.4	1.8	.6	.1	.0						4.3	7.5
E	.5	2.2	2.4	.6	.1							5.8	7.1
ESE	.8	2.5	5.3	1.9	.2	.1						10.8	8.7
SE	.9	4.1	7.1	6.7	1.2	.2						20.3	9.9
SSE	.5	3.0	7.8	7.9	2.7	.6						22.6	11.4
S	.5	2.9	7.5	6.7	.8	.2						18.5	10.0
SSW	.2	.5	1.0	1.0	.3	.0						3.1	10.5
SW	.2	.1	.5	.4	.1							1.2	9.8
WSW	.1	.2	.2	.0								.5	6.6
W	.0	.1	.0	.0								.2	7.4
WNW	.1	.0	.0	.1								.2	7.5
NW	.2	.0	.1	.1	.0							.4	7.9
NNW			.2	.0	.1		.0					.3	13.6
VARBL													
CALM												3.4	
	5.2	19.8	37.0	27.4	5.8	1.3	.0					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

2642

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUL

MOUTH

2100-2300

HOUSE (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	.8	.2	.1							2.1	7.3
NNE	.1	.9	.5	.3	.1	.0						1.9	8.3
NE	.3	1.4	1.4	.2	.0							3.4	6.9
ENE	.3	1.0	1.7	.3	.0	.0						3.4	7.8
E	.7	1.7	2.5	.6								5.5	7.1
ESE	1.2	1.5	4.7	2.4	.5	.0						10.4	9.2
SE	1.1	3.4	5.6	7.2	1.4	.2						18.9	10.4
SSE	1.0	3.8	8.2	9.3	2.8	.6		.0				25.7	11.1
S	.6	3.0	11.4	5.0	.6							20.6	9.3
SSW	.2	.4	.5	.8	.1	.1						2.0	10.3
SW		.2	.2	.0	.1							.3	11.0
WSW	.0	.1	.1	.0	.0							.3	8.3
W	.2	.0	.1									.3	4.4
WNW	.1	.1	.1	.1								.3	7.3
NW	.2											.2	2.3
NNW	.1	.2	.3	.0	.0							.7	7.4
VARBL													
CALM												4.2	
	6.2	18.2	38.2	26.4	5.8	1.0	.0	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

2642

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS AUG MONTH

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

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.0	.3	.1							2.9	6.9
NNE	.1	1.0	1.5	.1	.1	.0						2.8	8.0
NE	.4	1.0	1.4	.3	.0							3.2	7.0
ENE	.7	.9	.8	.3	.0							2.7	6.3
E	.6	1.3	1.4	.3	.0							3.8	6.8
ESE	.7	1.0	1.9	1.2	.4	.0						5.1	9.0
SE	1.0	1.9	3.4	4.9	.6							11.8	10.1
SSE	.4	2.7	5.5	8.0	2.4	.4	.0					19.4	11.5
S	1.6	5.2	13.8	7.1	1.2	.1						28.9	9.2
SSW	.7	1.6	2.5	1.1	.1	.1						6.1	8.1
SW	.2	.4	1.1	.3	.1							2.2	8.1
WSW	.2	.3	.5	.1	.0							1.1	6.6
W	.3	.2	.3	.0								.9	5.4
WNW	.2	.2	.4	.1								.9	6.0
NW	.3	.2	.6	.1								1.3	6.9
NNW	.2	.5	.6	.3								1.6	7.3
VARBL													
CALM												5.5	
	8.2	19.4	36.6	24.5	5.1	.6	.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2689

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER 3 OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS AUG MONTH

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

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.1	.4								2.6	7.4
NNE	.2	.7	1.7	.6	.0							3.2	8.0
NE	.4	1.1	1.5	.3								3.3	6.9
ENE	.4	1.0	1.2	.3	.0							3.0	7.1
E	.3	1.0	1.2	.4								3.0	7.3
ESE	.8	1.2	1.8	1.3	.2							5.2	8.2
SE	.8	1.9	2.9	3.0	1.0	.2	.1					10.0	10.3
SSE	.7	1.9	4.8	6.2	2.3	.6						16.4	11.8
S	1.1	5.6	11.7	6.5	2.0	.7	.0					27.6	9.9
SSW	.4	1.9	3.6	2.6	.9	.1						9.5	10.0
SW	.2	.8	1.2	.9	.1	.0						3.2	9.0
WSW	.2	.4	.4	.4	.0							1.4	8.1
W	.1	.4	.3	.0								.9	6.4
WNW	.1	.4	.3	.1								.9	6.4
NW	.4	.6	.4	.1								1.5	5.6
NNW	.6	.7	.9	.3								2.5	6.8
VARBL													
CALM												5.8	
	7.0	20.4	34.8	23.6	6.6	1.7	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 2692

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

AUG
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	.8	.6	.1							2.3	8.8
NNE	.3	1.0	1.6	1.2	.1	.0						4.2	8.8
NE	.3	1.0	1.4	.5								3.1	7.7
ENE	.4	.8	1.6	.6	.0							3.5	7.9
E	.5	1.3	2.0	.9	.2							4.9	8.3
ESE	.4	.8	1.1	1.0	.3	.1						3.8	9.7
SE	.3	1.0	2.2	2.1	.9	.1						6.6	10.8
SSE	.6	1.1	3.8	4.3	2.8	.7						13.3	12.8
S	.6	2.7	6.8	6.6	2.6	.8						20.0	11.4
SSW	.3	1.1	5.2	8.2	1.9	.7	.0					17.5	12.3
SW	.4	1.0	3.3	2.8	.7							8.2	10.5
WSW	.1	.9	.9	.8	.2	.0						3.0	9.2
W	.3	.5	.6	.5	.0							2.0	7.5
WNW	.1	.2	.4	.0								.7	6.9
NW	.2	.3	.3	.0								.9	6.1
NNW	.2	.6	1.3	.4								2.6	8.2
VARBL													
CALM												3.6	
	5.3	14.8	33.5	30.5	9.8	2.5	.0					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

2694

SURFACE WINDS

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC
 PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13919 STATION
 TINKER AFB OK/OKLAHOMA CITY STATION NAME
 43-45, 47-72 YEARS
 ALL WEATHER CLASS
 AUG MONTH
 1200-1400 HOURS (L.S.T.)

CONDITION _____

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.1	.4	.1	.0						2.7	8.2
NNE	.4	1.0	2.0	1.3	.2	.0						5.0	9.2
NE	.4	1.2	1.7	.7	.0							4.0	7.8
ENE	.4	1.1	1.8	.8								4.1	7.8
E	.3	1.4	2.3	.5		.0						4.6	7.7
ESE	.3	1.0	1.8	1.0	.1	.1						4.4	8.9
SE	.6	1.0	2.9	2.6	.7	.2						8.0	10.5
SSE	.3	1.2	4.4	5.5	2.9	1.0	.1					15.4	13.1
S	.6	2.4	6.8	7.2	2.4	.7						20.1	11.5
SSW	.4	1.7	4.4	5.7	1.6	.3	.0					14.1	11.4
SW	.4	.7	2.5	2.8	.3							6.7	10.4
WSW	.3	.8	1.1	.4	.0							2.6	7.6
W	.3	.4	.4	.3								1.5	6.8
WNW	.1	.3	.2	.1								.7	6.4
NW	.2	.3	.4	.3								1.2	7.7
NNW	.3	.6	.7	.4								2.1	7.6
VARBL													
CALM												2.9	
	5.4	15.9	34.7	30.0	8.4	2.4	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2686

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS AUG MONTH
 2100-2300 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	.5	.5	.0							2.3	7.4
NNE	.2	.6	1.2	.6	.1							2.7	8.9
NE	.4	1.0	1.4	.5	.0							3.4	7.4
ENE	.3	1.2	1.4	.2	.1							3.1	7.0
E	.7	1.8	2.5	.7	.0							5.7	7.1
ESE	1.1	2.3	4.0	3.0	.2							10.7	8.7
SE	1.0	3.0	6.0	8.2	2.2	.1						20.6	10.9
SSE	.7	3.4	7.4	9.9	2.3	.9	.1					24.7	11.5
S	.4	3.3	8.1	4.2	.4	.1						16.4	9.1
SSW	.3	.3	1.3	.6	.0	.1						2.6	9.0
SW	.1	.1	.6	.2								1.0	8.8
WSW	.1	.0	.0	.1								.2	7.3
W	.1	.0	.1									.3	4.6
WNW	.1	.0	.1	.0								.2	7.0
NW	.1	.3	.2	.1								.7	6.6
NNW	.2	.4	.1	.1								.9	6.3
VARBL													
CALM												4.5	
	6.2	18.8	34.8	29.0	5.5	1.2	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2694

SURFACE WINDS

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72 YEARS

SEP MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	2.8	1.3	.2	.0	.1					7.0	8.5
NNE	.5	1.1	1.9	1.1	.1							4.7	8.3
NE	.6	1.0	1.5	.5	.1							3.6	7.3
ENE	.4	.6	1.1	.5	.2	.1						2.8	8.5
E	.4	1.0	1.7	.7	.1	.0						3.9	8.0
ESE	.4	1.0	1.4	.7	.3	.1						3.9	8.8
SE	.6	2.0	2.5	3.7	1.2	.5	.0					10.5	11.2
SSE	.7	3.1	5.3	8.3	2.6	1.0	.1					21.1	11.9
S	1.0	3.0	9.3	8.3	1.0	.1	.0					22.9	10.1
SSW	.5	1.0	1.0	1.3	.3	.0						4.0	9.1
SW	.2	.6	.3	.2	.0	.0						1.3	7.3
WSW	.4	.4	.2	.0	.0							1.0	5.3
W	.1	.3	.4	.0								.8	6.2
WNW	.1	.3	.2	.0	.0							.7	6.5
NW	.2	.6	.7	.3								1.8	7.2
NNW	.4	.8	1.6	.6	.2		.1					3.6	9.0
VARBL													
CALM												6.2	
	7.5	18.3	31.8	27.4	6.4	1.9	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2695

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS SEP MONTH
 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.8	2.4	1.3	.3	.1	.1					6.7	8.7
NNE	.5	.9	2.0	1.5	.2	.1						5.3	9.4
NE	.2	1.5	1.7	.6	.1							4.1	7.6
ENE	.3	.7	1.3	.8	.1							3.2	8.7
E	.6	1.0	.9	.9	.0							3.4	7.9
ESE	.3	.9	1.4	1.2	.1	.0						3.9	9.4
SE	.3	1.7	2.5	2.4	1.4	.2	.1					8.6	11.4
SSE	.3	2.4	4.4	6.4	2.9	1.4	.3	.0				18.1	13.0
S	.7	3.7	8.6	9.1	1.5	.6	.1					24.3	10.8
SSW	.3	.7	1.5	2.0	.6	.1						5.3	11.0
SW	.2	.5	.3	.4	.0							1.5	8.0
WSW	.3	.3	.4	.1								1.0	6.3
W	.3	.3	.1	.0								.8	5.2
WNW	.1	.2	.2	.0								.6	5.9
NW	.5	.6	.8	.1	.1							2.2	6.7
NNW	.4	1.2	1.6	.7	.2							4.2	8.5
VARBL													
CALM												7.0	
	6.0	18.4	30.2	27.7	7.6	2.6	.5	.0				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2695

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS SEP MONTH

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

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.9	1.6	.4	.1						6.1	9.3
NNE	.3	1.0	1.8	2.0	.4	.0						5.5	10.0
NE	.2	1.1	2.2	1.2	.1							4.8	8.7
ENE	.4	.9	1.5	.9	.1	.0						3.9	8.8
E	.7	1.1	1.3	.8	.3							4.2	7.9
ESE	.3	.6	1.6	1.4		.1						4.2	10.5
SE	.2	.7	2.0	1.1		.4						5.7	12.4
SSE	.0	1.3	2.9	4.1		2.2	.6					14.0	15.1
S	.3	1.7	5.5	7.9	3.8	1.2	.6					21.0	13.4
SSW	.2	1.3	3.1	5.5	2.5	.8	.1					13.5	13.2
SW	.1	.7	1.5	1.5	.5	.0	.0					4.4	11.0
WSW	.2	.4	.6	.3	.3							1.8	9.5
W	.1	.5	.3	.1								1.1	7.4
WNW	.1	.3	.3	.1								.9	1.5
NW	.1	.6	.4	.1	.0							1.3	7.2
NNW	.4	.9	1.5	.7	.4	.1						4.1	7.2
VARBL													
CALM												3.5	
	4.4	14.5	28.4	29.4	13.4	5.0	1.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS SEP MONTH
 1200-1400 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.4	2.1	.3	.1						6.9	9.4
NNE	.4	1.0	3.0	2.2	.2	.1						6.9	9.4
NE	.2	1.3	1.9	.9	.0							4.3	8.1
ENE	.4	1.1	1.4	.6	.1	.0						3.7	8.1
E	.5	1.3	1.3	.6	.1	.0						3.9	7.6
ESE	.3	.9	1.7	1.0	.2	.2						4.3	9.6
SE	.4	1.2	1.8	1.6	.9	.3						11.1	11.1
SSE	.3	.8	3.1	4.3	3.3	2.6	.5					15.2	15.2
S	.5	2.1	5.6	7.6	3.9	.9	.2					12.6	12.6
SSW	.3	.6	2.2	5.4	1.8	.7	.0					11.1	13.5
SW	.4	.5	1.3	1.2	.4	.1						3.9	11.0
WSW	.2	.6	.5	.3	.2	.1						1.9	9.7
W	.1	.5	.4	.0	.1							1.2	7.0
WNW	.1	.4	.4	.2								1.1	7.6
NW	.4	.6	1.0	.4								2.4	7.4
NNW	.3	.6	1.0	1.1	.6	.1	.0					3.7	11.2
VARBL													
CALM												2.9	
	5.5	14.9	29.1	29.6	12.2	5.2	.8					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP
 MONTH

1800-2000

HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.8	1.9	1.3	.3	.1						6.2	8.6
NNE	.4	1.1	2.1	1.2	.3	.1						5.2	9.3
NE	.4	1.6	2.1	1.0								5.1	7.7
ENE	.6	1.6	2.1	.3								4.6	6.8
E	1.0	2.5	2.3	.4	.1							6.3	6.5
ESE	.7	2.5	3.4	2.3	.4	.2						9.5	8.9
SE	.8	3.5	5.6	5.3	1.8	.4						17.4	10.4
SSE	.4	2.4	5.0	6.6	1.9	.6	.0					17.0	11.5
S	.4	3.6	6.0	5.3	.4	.0						15.8	9.6
SSW	.2	.6	.6	.8	.2							2.4	9.5
SW	.0	.3	.3	.3	.1							.9	9.7
WSW	.1	.1	.1									.3	5.4
W	.1	.2	.3	.0								.6	6.2
WNW	.0	.1	.2	.1		.0						.5	9.4
NW	.2	.2	.2	.1	.1							.8	8.2
NNW	.3	.6	1.2	.4	.2	.1						2.9	9.6
VARBL													
CALM												4.5	
	6.3	22.7	33.5	25.4	5.8	1.7	.0					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS SFP MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.5	1.5	.4	.0						5.7	8.7
NNE	.3	1.3	2.5	.9	.4	.1						5.5	9.2
NE	.6	.9	2.0	.7	.0							4.2	7.8
ENE	.2	1.3	2.0	.3								3.7	7.4
E	.7	1.6	2.9	.5								5.6	7.1
ESE	.7	1.8	3.2	1.7	.5	.2	.1	.0				8.2	9.6
SE	.8	2.8	4.3	6.8	2.1	.7	.1					17.6	11.6
SSE	.5	2.9	5.5	7.4	3.3	1.1	.1	.0				20.9	12.2
S	.6	2.4	6.3	5.7	.8	.1	.0	.0				15.9	10.2
SSW	.2	.7	.4	.6	.3	.0	.1					2.3	10.8
SW	.0	.2	.1	.1								.6	7.6
WSW	.0	.1	.1									.3	6.3
W	.2	.1	.1	.1								.4	5.9
WNW	.1	.1	.3	.1	.0							.7	8.7
NW	.2	.3	.2	.0	.1							.9	6.8
NNW	.2	.3	1.5	.2	.2	.1						2.5	9.3
VARBL													
CALM												5.0	
	6.2	18.1	32.9	26.7	8.0	2.3	.4	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

2696

SURFACE WINDS

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME OKLAHOMA CITY YEARS 43-70, 72 MONTH 01
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.4	2.2	.1	.0						7.9	8.2
NNE	.4	.6	2.2	1.5	.3	.1						5.1	9.8
NE	.2	.4	1.4	.5								2.5	8.3
ENE	.1	.7	1.1	.4								2.4	7.8
E	.1	.9	.7	.2	.0							2.0	7.2
ESE	.3	.6	.8	.6	.3	.1						2.6	10.3
SE	.4	1.5	1.9	2.4	1.7	.6	.1					8.6	12.4
SSE	.6	1.8	4.5	9.0	4.0	2.2	.4					22.4	13.9
S	1.3	3.4	8.2	8.0	1.7	.4	.1					23.3	10.4
SSW	.4	.6	1.5	.9	.1	.1						3.6	8.8
SW	.4	.2	.4	.1								1.1	6.5
WSW	.1	.4	.4	.0	.0							1.0	6.0
W	.4	.4	.3	.0	.1	.1						1.3	7.0
WNW	.2	.4	.4	.1	.0							1.1	7.1
NW	.1	.7	.6	.3	.1							1.9	8.2
NNW	.6	1.4	2.7	1.3	.2							6.2	8.5
VARBL													
CALM												7.0	
	7.0	15.8	29.5	27.6	8.8	3.7	.6					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-70.72

TEARS

OCT
MONTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	i - 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	2.4	2.2	1.9	.6	.0						8.1	8.7
NNE	.3	.7	1.7	1.1	.2	.0	.0					4.0	9.6
NE	.1	.7	1.7	.4								2.9	8.1
ENE	.1	.8	.7	.3								2.0	7.4
E	.3	.8	.6	.1	.0							2.0	6.6
ESE	.2	.5	.9	.4	.1	.1						2.2	9.5
SE	.7	1.0	1.7	2.4	1.3	.2	.1					7.5	11.4
SSE	.4	1.6	3.3	7.5	5.0	1.9	.3					19.9	14.5
S	1.1	3.8	10.0	7.8	1.1	.4	.0					24.1	10.0
SSW	.5	.7	2.0	.9	.3	.1						4.6	9.2
SW	.4	.7	.6	.2		.0						1.9	6.5
WSW	.4	.2	.2	.1								.9	5.3
W	.3	.3	.4	.1								1.0	6.4
WNW	.3	.5	.7	.1								1.5	6.5
NW	.5	1.0	.9	.1	.1							2.6	6.6
NNW	1.0	1.6	2.7	1.7	.4	.1						7.5	8.8
VARBL													
CALM												7.3	
	7.5	17.2	30.3	25.2	9.2	2.9	.4					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

2696

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72

YEARS

DCT
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.0	.5	.2	.0					8.5	9.1
NNE	.3	.8	1.7	1.5	.3	.1						4.9	10.3
NE	.3	.7	.6	.7	.1							2.4	8.3
ENE	.3	.5	.7	.4	.0							2.0	7.8
E	.4	.4	.6	.1		.0						1.6	6.8
ESE	.5	.6	1.0	.3	.1	.1						2.6	8.2
SE	.2	1.3	2.2	1.9	1.2	.2	.0					7.1	11.5
SSE	.4	1.4	3.3	7.9	4.1	2.2	.3					19.7	14.4
S	.7	3.0	8.8	8.1	1.9	.8	.0					23.3	10.9
SSW	.3	.9	1.7	1.3	.3	.1						4.8	9.8
SW	.3	.4	.7	.1	.0	.1						1.7	7.9
WSW	.1	.3	.4	.1								.9	6.6
W	.3	.3	.2	.0								.8	5.3
WNW	.5	.6	.4	.1	.1							1.8	6.3
NW	.7	1.0	1.2	.3	.2							3.5	7.1
NNW	1.0	2.0	2.7	1.6	.7							8.1	8.6
VARBL													
CALM												6.4	
	7.3	16.6	29.2	26.5	9.6	3.9	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72

YEARS

OCT

MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.7	2.1	2.5	.7	.3						7.6	10.5
NNE	.2	1.1	2.0	2.6	.5	.3						6.7	11.3
NE	.3	.8	1.1	.7	.3	.1						3.4	9.4
ENE	.1	.7	.6	.4	.1							1.9	8.4
E	.2	.6	1.3	.3								2.4	7.4
ESE	.3	.4	1.2	.4	.1	.1						2.6	9.3
SE	.3	.7	1.4	1.3	.4	.3						4.4	11.3
SSE	.1	.9	2.0	4.5	3.3	3.2	.7	.1				14.8	16.7
S	.6	1.2	5.3	8.1	3.9	3.2	.5	.1				22.8	14.4
SSW	.2	.6	2.8	4.6	1.6	.7						10.4	13.0
SW	.2	.3	1.2	1.3	.3	.1						3.5	11.2
WSW	.4	.4	1.2	.4	.1							2.6	8.2
W	.4	.7	.7	.1		.0						1.9	6.2
WNW	.2	.3	.3	.4								1.2	8.3
NW	.4	.9	.9	.5	.3	.0						3.0	8.3
MNW	.6	1.2	2.3	1.8	.8	.1	.0					6.8	10.2
VARBL													
CALM												4.0	
	4.8	12.6	26.3	29.8	12.5	8.4	1.3	.2				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-70.72 YEARS
 1200-1400 HOURS (L.S.T.) MONTH

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.8	3.2	.8	.1	.0	.0				8.7	10.7
NNE	.4	1.1	2.7	2.0	.8	.1	.0					7.1	10.5
NE	.4	.4	1.2	.7	.3	.1						3.1	9.4
ENE	.2	.5	.9	.4	.1							2.1	8.5
E	.3	.6	.6	.1	.2							1.7	7.7
ESE	.1	.4	.8	.3	.1	.1						1.8	9.0
SE	.1	1.0	1.2	.7	.6	.3	.1					3.9	11.6
SSE	.4	1.2	1.7	3.7	2.7	3.3	.9	.0				13.9	16.6
S	.2	1.4	4.3	9.2	4.2	2.1	.7	.1				22.3	14.5
SSW	.3	.8	2.6	4.6	1.3	.9	.1					10.6	12.9
SW	.4	.5	1.3	1.6	.4	.2						4.4	10.8
WSW	.3	1.0	1.1	.5	.1	.1						3.0	8.3
W	.2	.8	.9	.3	.1							2.3	7.3
WNW	.1	.4	.5	.1	.2							1.4	9.2
NW	.1	.7	.8	.6	.1							2.4	8.8
NNW	.4	1.2	2.0	2.1	.9	.6	.1					7.2	11.7
VARBL													
CALM												4.0	
	5.0	13.0	25.3	30.2	12.8	7.8	1.9	.1				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 2692

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-70,72 MONTH OCT

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

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.6	3.3	4.0	.6	.3	.1	.0				10.7	10.5
NNE	.4	1.6	2.5	1.8	.6	.2						7.1	10.0
NE	.1	.9	1.2	.5	.1	.0						2.8	8.4
ENE	.4	.9	.6	.4	.0							2.3	6.9
E	.2	.5	.7	.2	.1							1.7	7.8
ESE	.3	.8	1.1	.4	.1	.1						2.9	8.6
SE	.4	1.0	1.7	1.5	.6	.4	.1					5.8	11.4
SSE	.3	1.1	3.3	4.1	4.2	3.1	.5					16.5	15.5
S	.6	1.9	5.8	8.4	3.1	1.4	.3	.1				21.6	13.0
SSW	.4	1.1	2.6	2.5	1.3	.5	.0					8.5	11.9
SW	.3	.7	.8	.8	.1							2.7	8.7
WSW	.1	.4	.6	.2	.1	.1						1.7	8.8
W	.3	.5	.4	.1	.1	.0						1.6	7.3
WNW	.1	.2	.5	.2	.2	.1						1.3	10.7
NW	.3	.7	.7	.5	.1	.0						2.3	8.9
MNW	.1	1.2	2.2	2.5	.6	.4						7.1	11.3
VARBL													
CALM												3.5	
	5.2	15.0	28.1	28.2	12.0	6.7	1.0	.2				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 2689

SURFACE WINDS

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS MONTH OCT 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	3.2	2.4	.7	.0	.1					10.2	9.0
NNE	.5	1.2	2.5	.9	.3	.3						5.7	9.0
NE	.4	.9	1.3	.2								2.7	6.6
ENE	.5	1.5	1.2	.3	.0							3.6	6.4
E	.9	.7	.8	.1								2.6	5.6
ESE	.6	.9	1.4	.7	.3	.1						4.0	8.5
SE	.6	2.3	4.5	3.0	1.8	.6						12.7	10.9
SSE	.6	2.9	5.5	7.5	3.3	1.2	.2	.0				21.2	12.4
S	.7	3.7	6.7	5.2	1.1	.2	.1					17.7	9.7
SSW	.3	.7	.9	.6	.1	.0	.0					2.6	8.9
SW	.3	.3	.1	.1	.0							.8	6.4
WSW	.2	.2	.0									.4	4.2
W	.2	.2	.2	.1								.6	6.2
WNW	.1	.2	.2	.2	.0							.7	8.6
NW	.3	.5	.2	.3	.1	.1						1.6	8.4
NNW	.7	1.4	1.6	1.2	.5	.2						5.7	9.4
VARBL													
CALM												7.2	
	7.7	20.4	30.5	22.8	8.3	2.6	.4	.0				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2694

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

01
MONTH

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.4	2.8	2.2	.4	.0						8.3	8.7
NNE	.3	1.4	2.7	1.3	.4	.0						6.2	8.9
NE	.3	.7	1.1	.5	.1							2.7	8.0
ENE	.5	.7	1.2	.3								2.6	6.7
E	.7	1.3	.7	.2								2.9	5.6
ESE	.5	.8	1.3	.7	.3	.2						3.7	9.6
SE	.6	1.7	3.2	3.9	2.3	.8						12.5	12.0
SSE	.2	1.9	4.9	8.2	3.9	1.6	.6	.1				21.3	14.0
S	1.3	3.4	6.8	6.5	1.6	.5	.1	.0				20.3	10.3
SSW	.4	.5	1.2	.5	.2	.0	.0					2.9	8.9
SW	.1	.3	.1	.0	.1							.7	7.4
WSW	.0	.4	.1									.6	5.1
W	.2	.5	.3	.1								1.1	5.8
WNW	.1	.2	.5	.1								1.0	7.2
NW	.3	.6	.6	.3	.1							1.9	7.8
NNW	.5	1.3	1.7	1.3	.4	.1						5.3	9.3
VARBL													
CALM												6.2	
	6.6	18.2	29.3	26.0	9.6	3.3	.7	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

2697

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS NOV
 MONTH
 0000-0200
 HOURS (L.S.T.)

ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	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	3.9	2.3	.7	.3	.0					10.3	9.5
NNE	.3	1.4	2.0	1.6	.7	.0						6.0	10.1
NE	.2	.6	1.4	.2								2.4	7.7
ENE	.2	.9	1.1	.2								2.5	7.0
E	.3	.9	.7	.3	.1							2.1	7.1
ESE	.4	.8	1.2	.6	.1	.0						3.1	8.5
SE	.4	1.1	1.5	1.0	.6	.4	.1					5.2	11.4
SSE	.3	1.2	2.4	4.2	2.9	2.1	.6	.1				13.8	15.3
S	.9	3.0	6.1	9.1	2.1	.5	.2					21.9	11.5
SSW	.4	1.0	1.8	.7	.3	.3						4.5	9.7
SW	.3	.8	.7	.2		.0						2.1	6.8
WSW	.2	.6	.7	.1	.0	.1						1.7	7.6
W	.4	.6	.8	.1								1.9	6.6
WNW	.3	.5	1.2	.2	.0	.1	.0					2.5	8.2
NW	.4	1.2	1.5	.4	.4	.1						4.0	8.7
NINW	.4	1.1	3.4	3.2	1.0	.4						9.3	11.1
VARBL													
CALM												6.7	
	6.1	17.8	30.3	24.6	9.0	4.4	1.0	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV

MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.9	3.5	2.9	1.2	.3						10.7	10.1
NNE	.2	1.0	2.1	1.6	.6							5.5	10.0
NE	.1	.5	.5	.3	.0							1.5	8.1
ENE	.0	.6	1.2	.4	.0	.0						2.3	8.3
E	.4	.7	1.2	.4	.1	.1						2.8	7.8
ESE	.3	.8	.8	.6	.1	.1						2.6	8.7
SE	.4	.9	1.5	1.2	.7	.4						5.0	11.1
SSE	.1	1.0	1.5	3.7	2.5	2.0	.5					11.3	15.7
S	.6	2.7	6.8	9.5	2.2	.8	.3	.0				23.0	11.7
SSW	.4	1.2	1.7	1.4	.6	.1						5.5	9.9
SW	.2	.7	.7	.1	.0							1.7	6.7
WSW	.4	.7	.9	.2	.1	.0						2.3	7.6
W	.4	.7	1.0	.1								2.3	6.7
WNW	.2	.7	.9	.3	.0	.1						2.2	8.4
NW	.4	1.4	1.0	.6	.4	.0						3.9	8.8
NNW	.9	1.7	3.9	2.9	1.5	.3						11.2	10.4
VARBL													
CALM												6.1	
	6.0	17.3	29.3	26.3	10.1	4.1	.8	.0				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

2689

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS NOV MONTH
 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.6	4.1	2.9	1.0	.4						11.9	9.8
NNE	.1	1.0	2.0	1.2	.3	.0						4.7	9.7
NE	.1	1.0	.8	.6	.1							2.6	8.2
ENE	.2	.7	.9	.5	.0	.0						2.3	8.2
E	.3	.6	.9	.2								2.0	7.0
ESE	.6	.4	1.0	.5	.3	.1						2.9	8.7
SE	.1	.6	1.7	1.2	.6	.4	.1					4.8	12.2
SSE	.3	1.0	1.9	3.5	2.8	1.7	.3	.0				11.6	14.9
S	.7	2.2	6.4	8.6	2.3	.8	.2					21.3	11.9
SSW	.4	1.1	2.1	1.9	.6	.1	.0					6.3	10.5
SW	.2	.7	.9	.1	.1							2.0	7.4
WSW	.0	.5	1.0	.3	.0	.0						1.9	8.5
W	.2	.6	.7	.1			.0					1.7	7.6
WNW	.3	.7	.7	.4	.0	.1						2.3	8.8
NW	.7	1.3	1.6	1.0	.3	.0						4.8	8.4
NNW	.5	1.9	4.0	3.4	1.3	.3	.1					11.4	10.6
VARBL													
CALM												5.4	
	5.8	17.0	30.6	26.5	9.8	4.1	.8	.0				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS NOV MONTH
 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	4.3	1.7	.3						12.1	11.2
NNE	.3	1.4	2.7	1.9	.8	.3						7.3	10.5
NE	.3	.9	.9	.7	.0							2.9	8.3
ENE	.0	.4	.9	.4	.1							1.8	8.8
E	.2	.9	.7	.4	.1							2.3	7.9
ESE		.6	1.3	.7	.3	.1						2.9	10.4
SE	.3	.9	1.3	.5	.7	.2	.3					4.2	11.7
SSE	.1	.6	1.3	2.2	2.2	2.2	.6	.1				9.2	17.4
S	.2	.9	3.7	7.9	3.4	1.9	.6					18.5	14.6
SSW	.1	1.0	2.0	3.6	1.6	1.2	.2	.0				9.8	13.9
SW	.2	.4	1.3	1.2	.4	.1						3.6	10.4
WSW	.4	.7	1.0	.9	.3	.1						3.4	9.4
W	.5	.7	.6	.5	.0	.0						2.4	7.6
WNW	.2	.4	.7	.3	.3	.1	.1					2.2	11.3
NW	.2	.9	1.1	1.0	.2							3.4	9.2
NNW	.6	1.1	3.3	3.5	2.0	.6	.1					11.2	12.3
VARBL													
CALM												2.9	
	4.4	13.2	26.2	30.1	14.1	7.0	1.9	.1				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS NOV MONTH

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

ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	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	3.0	3.5	1.8	.4						10.1	12.2
NNE	.2	1.0	2.5	1.4	.7	.3						6.2	10.6
NE	.3	.6	1.1	.7	.0							2.7	8.3
ENE	.2	.5	.9	.2	.0							1.9	7.5
E	.4	.7	.7	.3	.1	.0						2.3	7.5
ESE	.1	.4	.8	.4	.2		.0					1.9	10.5
SE	.1	.7	1.1	.7	.3	.1	.2					3.3	11.8
SSE	.1	.6	1.1	1.9	1.7	1.9	.8	.1				8.3	17.7
S	.1	.6	2.9	7.6	3.4	1.5	.7	.1				16.8	15.1
SSW	.3	.7	1.8	4.2	3.2	1.5	.3					11.9	15.2
SW	.2	.6	1.2	1.8	.7	.2						4.7	12.0
WSW	.2	.8	1.6	1.0	.3	.1						4.0	9.8
W	.3	.7	1.0	.3	.1	.1						2.6	8.3
WNW	.2	.7	1.3	.3	.3	.2	.0					3.0	10.0
NW	.4	.7	1.6	1.2	.6	.1						4.6	10.4
NNW	.2	1.2	3.7	5.0	2.0	.6	.1					12.8	12.5
VARBL													
CALM												3.0	
	3.7	11.5	26.3	30.6	15.4	7.1	2.2	.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV
 MONTH

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	3.6	3.8	1.8	.1						11.1	11.3
NNE	.2	1.0	1.5	1.7	.7							5.2	10.6
NE	.1	.5	.9	.6	.1							2.3	8.8
ENE	.3	.4	.7	.3								1.7	7.0
E	.3	.9	.8	.4								2.4	7.3
ESE	.0	.7	1.2	.5	.1	.1		.0				2.6	10.0
SE	.3	.4	1.2	.7	.4	.2	.0					3.3	11.3
SSE	.2	.6	2.3	2.8	2.3	1.9	.8	.1				10.9	16.2
S	.2	1.4	4.2	8.4	2.6	1.2	.3					18.3	13.4
SSW	.4	1.0	2.6	2.4	1.7	.6						8.7	12.4
SW	.3	.8	1.5	1.7	.3	.1						4.6	10.3
WSW	.4	.4	1.1	1.0	.3	.1						3.2	10.0
W	.5	.7	.8	.2	.1							2.3	6.7
WNW	.4	1.0	.8	.2	.1	.1	.1					2.6	8.2
NW	.5	.9	1.4	1.2	.5	.1	.0					4.6	10.3
NNW	.7	2.0	4.5	4.3	1.5	.4						13.4	11.0
VARBL													
CALM												2.5	
	5.3	14.0	29.1	30.2	12.5	4.9	1.3	.1				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS NOV NORTH
 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	2.9	4.8	3.2	.7	.2						12.6	9.4
NNE	.3	1.2	1.9	1.2	.3							4.8	8.9
NE	.3	.5	.8	.4								2.0	7.4
ENE	.3	1.0	1.1	.0								2.5	6.3
E	.4	1.2	.7	.3								2.6	6.3
ESE	.7	.5	1.4	.8	.1							3.5	8.2
SE	.5	1.2	2.3	1.5	.6	.4	.1					6.6	10.8
SSE	.4	1.6	3.9	4.8	2.0	2.0	.6					15.3	13.9
S	.7	2.9	5.6	6.4	1.3	.3						17.3	10.5
SSW	.3	1.8	1.9	.9	.0							4.9	7.9
SW	.2	.6	.5	.3	.0							1.7	7.2
WSW	.1	.4	.6	.1	.1							1.4	8.1
W	.6	.7	.4	.2	.1							2.0	6.9
WNW	.4	.5	.4	.1	.2	.0						1.7	7.6
NW	.6	1.1	.9	.6	.1	.1	.1					3.7	9.1
NNW	.9	1.7	3.9	3.2	.4	.2	.0					10.4	9.7
VARBL													
CALM												7.3	
	7.6	19.8	31.2	23.9	6.1	3.2	.9					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS NOV
NOV
 MONTH
 STATION NAME 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	1.9	4.4	2.8	.4	.2						10.5	9.6
NNE	.3	1.3	2.4	1.5	.6	.1						6.2	9.8
NE	.1	.9	1.0	.2								2.2	7.1
ENE	.3	.5	.7	.1								1.7	6.7
E	.3	1.5	1.2	.3	.1							3.5	7.1
ESE	.4	.7	1.3	1.0	.1							3.6	8.8
SE	.3	1.6	1.6	1.3	.9	.5	.1					6.1	11.4
SSE	.4	1.3	3.5	5.1	2.8	2.3	1.0	.0				16.4	15.0
S	.9	2.3	5.7	8.5	1.6	.4						19.3	11.2
SSW	.3	1.0	1.5	.9	.2	.1						4.0	9.3
SW	.1	.7	.4	.1								1.5	6.6
WSW	.4	.4	.3	.1	.1							1.3	7.1
W	.5	.5	.6	.1	.0	.0						1.7	6.7
WNW	.3	.6	.6	.1	.0	.1	.0					1.7	8.7
NW	.6	1.3	1.2	1.0	.1	.2	.1					4.4	9.1
MNW	.6	1.6	3.6	2.2	.5	.3						8.8	9.8
VARBL													
CALM												6.8	
	6.7	10.0	30.0	25.5	7.5	4.2	1.0	.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2688

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS DEC MONTH
 0000-0200 HOURS (L.S.T.)

ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	3.5	4.1	1.3	.4	.0					12.7	10.5
NNE	.3	1.8	2.8	2.1	.5	.1	.0					7.7	9.7
NE	.3	.7	.9	.4	.1							2.4	8.0
ENE	.4	.8	.8	.2								2.2	6.6
E	.3	1.1	.8	.1								2.3	6.0
ESE	.4	.8	.9	.3	.1							2.5	7.1
SE	.2	.8	1.5	1.1	.6	.2	.0	.0				4.6	11.2
SSE	.4	1.1	2.0	3.3	2.9	2.5	.4	.0				12.6	15.5
S	.7	2.3	6.6	5.9	2.8	1.4	.2					19.8	12.0
SSW	.7	1.4	2.0	1.5	.2	.2						6.1	8.9
SW	.3	.4	.6	.3		.1						1.7	8.0
WSW	.1	.2	.9	.2	.1	.0						1.5	9.1
W	.6	.8	.7	.4		.0						2.6	7.0
WNNW	.4	.4	.8	.3	.0							1.8	7.6
NW	.4	1.1	1.2	.9	.3	.1						4.0	9.5
NNW	.5	1.6	3.4	2.8	.7	.1						9.0	10.2
VARBL													
CALM												6.3	
	7.0	17.7	29.3	24.0	9.6	5.3	.6	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2830

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 42-72 YEARS DEC NORTH
 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.7	3.6	4.9	1.2	.3						13.5	10.5
NNE	.2	1.6	1.9	2.2	.4	.2						6.5	10.3
NE	.4	.7	1.2	.5	.0							2.8	7.6
ENE	.4	1.1	.7	.2								2.4	6.4
E	.2	.8	.7	.1								1.9	6.5
ESE	.2	.7	1.0	.6	.1	.0						2.7	8.6
SE	.2	1.1	1.2	.9	.5	.5	.1	.0				4.6	12.0
SSE	.3	1.0	1.6	4.0	2.0	1.6	.4					10.7	14.9
S	1.1	2.5	5.1	7.1	3.1	1.0	.2					20.3	12.0
SSW	.7	.9	2.0	1.4	.7	.1						5.9	9.9
SW	.3	.6	.4	.2	.1							1.7	7.3
WSW	.1	.5	.8	.4	.1		.0					1.9	8.7
W	.3	.6	1.0	.3	.0							2.2	7.3
WNW	.6	.8	.7	.6	.0	.1						2.9	7.7
NW	.3	.7	1.0	1.0	.3	.2						3.6	10.2
NNW	.6	1.2	3.7	3.4	1.1	.4	.0					10.4	11.2
VARBL													
CALM												6.3	
	6.8	17.2	26.7	28.0	9.8	4.4	.7	.0				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2830

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY
 STATION NAME

42-72
 YEARS

DEC
 MONTH

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

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.5	3.6	4.2	1.3	.6	.0					12.7	11.0
NNE	.4	1.2	2.6	2.4	.6	.3	.0					7.5	10.8
NE	.5	.4	1.2	.7	.0							2.9	8.1
ENE	.1	.7	.7	.5	.0							2.1	8.4
E	.1	.8	.7	.4								2.0	7.5
ESE	.2	.7	.8	.4	.2							2.3	9.0
SE	.1	.8	1.4	.8	.4	.3	.0	.0				3.9	11.3
SSE	.4	.8	1.5	2.5	2.3	2.2	.7	.1				10.5	16.6
S	.5	1.7	3.8	6.1	3.3	1.7	.7					17.9	14.0
SSW	.5	.8	2.2	3.4	1.2	.6	.1					8.8	12.3
SW	.1	.3	.4	.8	.2	.1						1.9	11.2
WSW	.4	.8	.7	.8	.1	.2	.0					2.9	9.0
W	.2	.5	.8	.3			.0					1.9	7.9
WNW	.4	.5	.8	.6	.1	.1						2.4	9.1
NW	.2	.7	1.5	1.2	.5	.2						4.3	11.0
NNW	.3	1.4	4.0	4.7	1.7	.8	.1					13.0	12.3
VARBL													
CALM												3.1	
	5.0	14.6	26.7	29.8	11.9	7.0	1.7	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

2840

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

42-72

YEARS

DEC

MONTH

STATION NAME

ALL WEATHER

CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	2.9	5.0	1.8	.6	.1					12.1	12.2
NNE	.5	.7	2.2	1.9	.4	.1						5.8	10.2
NE	.4	.8	1.0	.7	.1							2.9	8.0
ENE	.2	.6	.7	.4		.0						2.0	7.8
E	.3	.6	.6	.2								1.7	6.6
ESE	.2	.7	.5	.2	.0	.0						1.7	7.1
SE	.2	.6	.6	.6	.4	.2	.0	.1				2.8	12.1
SSE	.2	.7	1.2	2.2	1.9	1.9	.7	.2				9.1	17.2
S	.3	1.3	2.9	5.5	3.4	2.2	.6					16.2	14.9
SSW	.2	.8	1.7	4.3	1.9	1.0	.3	.0				10.3	14.4
SW	.4	.9	.8	1.6	.3	.1	.0					4.1	10.4
WSW	.5	.8	1.2	1.0	.1	.2	.0					3.8	9.9
W	.2	.5	.5	.4		.1	.0					1.7	9.4
WNW	.2	.5	1.1	.7	.2	.0						2.7	9.5
NW	.3	1.0	1.8	1.7	.7	.2						5.7	11.1
NNW	.4	1.4	4.3	5.3	2.2	.7	.1					14.4	12.4
VARBL													
CALM												2.8	
	5.3	13.2	23.9	31.7	13.4	7.4	2.0	.3				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

2833

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 42-72 YEARS DEC MONTH
 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.8	4.6	1.8	.4						12.6	11.5
NNE	.5	1.0	2.4	2.4	.5	.1						6.8	10.3
NE	.2	.8	1.0	.7	.0							2.7	8.5
ENE	.2	.8	1.0	.4								2.4	7.6
E	.5	.6	.8	.2								2.1	6.1
ESE	.2	.5	.8	.1	.1							1.7	7.7
SE	.2	.8	1.1	.7	.2	.3	.0	.1				3.5	11.1
SSE	.3	.8	1.9	2.7	2.2	1.9	.6	.0				10.5	15.6
S	.5	1.7	4.1	6.6	2.6	1.0	.4	.0				16.9	13.0
SSW	.6	1.5	2.2	3.9	1.0	.5	.1					9.7	11.6
SW	.4	.6	.9	.7	.2	.1	.0					2.9	9.8
WSW	.2	.7	.8	.3	.3	.1	.1					2.5	9.5
W	.4	.6	.5	.4	.1	.0						2.0	7.8
WNW	.2	.5	.5	.3	.1	.1						1.7	8.4
NW	.5	.9	1.5	1.2	.5	.0						4.6	9.5
NNW	.5	1.4	4.1	5.6	1.8	.7	.0					14.1	12.0
VARBL													
CALM												3.4	
	6.0	14.7	27.4	30.7	11.4	5.1	1.3	.1				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2837

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME OK/OKLAHOMA CITY YEARS 42-72 DEC MONTH DEC
 1800-2000 HOURS (L.S.T.) 1800-2000

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.3	3.1	1.3	.9	.0					12.7	10.8
NNE	.3	1.6	2.7	1.8	.4	.1						6.8	9.5
NE	.6	.7	1.4	.5	.1							3.4	7.5
ENE	.4	.8	.8	.1	.0							2.2	6.5
E	.8	.5	.7	.1								2.2	5.6
ESE	.6	.9	1.5	.2		.0						3.2	6.9
SE	.6	1.5	1.7	1.6	.5	.6	.1					6.6	10.9
SSE	.4	1.7	2.6	3.1	3.2	1.8	.5	.0				13.3	14.5
S	.7	3.9	4.9	5.5	1.7	.8	.1					17.7	10.8
SSW	.3	1.5	1.7	1.3	.2	.1						5.1	8.8
SW	.3	1.1	.3	.1								1.8	5.4
WSW	.4	.4	.5	.1								1.4	5.8
W	.3	.4	.4	.1	.1	.1						1.5	8.8
WNW	.2	.6	.5	.2		.1	.0					1.6	8.1
NW	.7	1.2	1.2	.5	.3							4.0	7.5
NNW	.7	1.4	3.5	2.8	1.2	.5						10.2	11.1
VARBL													
CALM												6.6	
	8.2	20.5	28.7	21.3	9.0	4.9	.8	.0				100.0	9.6

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)

STATION 13919 TINKER AFB OK/DKLAHOMA CITY STATION NAME 42-72 YEARS DEC MONTH
 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLAS CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.5	3.6	3.6	1.3	.5	.0					12.6	10.6
NNE	.4	1.7	2.9	1.8	.7	.1						7.6	9.7
NE	.2	.7	1.2	.5	.2							2.8	8.5
ENE	.4	.8	.5	.2	.0							2.0	6.5
E	.5	.7	.9	.4								2.5	6.7
ESE	.5	.6	.7	.3								2.1	6.8
SE	.5	1.4	2.2	1.2	.6	.5	.1					6.4	10.9
SSE	.2	1.2	3.0	3.4	2.5	2.9	.7	.1				14.1	15.8
S	1.0	2.8	5.8	6.6	2.1	1.0	.2					19.4	11.4
SSW	.6	1.2	1.9	1.3	.1	.0						5.2	8.4
SW	.3	.5	.5	.2	.0	.1						1.7	7.7
WSW	.1	.4	.4	.1								1.1	6.8
W	.3	.6	.6	.5	.0							2.1	7.7
WNW	.3	.5	.6	.2	.1	.0						1.7	7.8
NW	.5	.7	1.1	.9	.1	.1						3.4	9.0
NNW	.4	1.2	2.8	2.6	1.0	.3	.1					8.3	11.2
VARBL													
CALM												7.1	
	7.2	17.6	28.7	23.9	8.8	5.6	1.1	.1				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2824

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

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

SPEED (KNTS) DIR.	1-3	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	4.9	6.8	2.2	.8	.1	.0				16.8	12.3
NNE	.4	1.3	3.9	3.7	1.0	.3	.0					10.7	11.1
NE	.3	1.1	2.1	1.2	.2	.0	.0					4.9	9.0
ENE	.3	.9	1.6	.7	.1	.0						3.6	3.3
E	.4	1.0	1.3	.7	.1	.0						3.6	8.1
ESE	.3	.8	1.5	1.1	.5	.2	.0	.0				4.4	10.6
SE	.3	1.0	1.8	1.5	1.0	.7	.1	.0	.0			6.4	12.5
SSE	.2	.9	2.1	2.0	2.6	2.3	.7	.1		.0		11.8	16.3
S	.3	1.2	2.8	2.2	1.7	.8	.2	.0				12.2	12.9
SSW	.2	.6	.8	1.1	.3	.1	.0	.0				3.2	11.2
SW	.1	.3	.3	.2	.1	.0	.0	.0	.0			1.0	9.3
WSW	.1	.3	.3	.2	.0	.0	.0	.0				.9	9.1
W	.1	.2	.3	.1	.1	.0	.0	.0				.9	9.3
WNW	.1	.2	.3	.3	.1	.1	.0	.0				1.2	11.5
NW	.1	.4	.6	.9	.4	.2	.0	.0				2.7	12.1
NNW	.3	.9	3.1	4.6	2.4	.9	.1	.0				12.3	13.4
VARBL													
CALM												3.2	
	4.1	12.7	27.6	31.4	12.8	6.6	1.5	.1	.0			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

25513

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.

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.

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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
N 1800															
N 1500					91.0										92.6
N 1200															
N 1000															
N 900															
N 800															
N 700															
N 600															
N 500										97.4					98.1
N 400															
N 300															
N 200															
N 100					95.4					98.3					
N 0							96.9								100.0

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

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

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

ADDITIONAL EXAMPLES

EXAMPLE # 4

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

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

EXAMPLE # 5

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

The value 91.0 read from the table at the intersection of > 1500 feet with \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 > 500 feet with visibility > 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.

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS ALL MONTH ALL HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.1	60.5	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 20000	65.5	68.3	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 18000	65.6	68.5	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2
≥ 16000	65.9	68.7	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.5
≥ 14000	66.9	69.8	70.0	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.5
≥ 12000	68.6	71.6	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.4
≥ 10000	70.7	74.0	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 9000	71.3	74.7	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.5
≥ 8000	72.5	76.0	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.9
≥ 7000	73.3	77.0	77.3	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.9
≥ 6000	74.0	77.9	78.2	78.4	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.8
≥ 5000	75.2	79.2	79.5	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.2
≥ 4500	75.7	79.9	80.2	80.4	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8
≥ 4000	76.5	80.9	81.2	81.4	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9
≥ 3500	77.2	81.6	82.0	82.2	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.7
≥ 3000	78.3	82.9	83.3	83.5	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.0
≥ 2500	79.2	84.2	84.5	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.3	85.3
≥ 2000	80.5	85.7	86.1	86.4	86.6	86.6	86.8	86.8	86.9	86.9	86.9	86.9	87.0
≥ 1800	80.9	86.3	86.7	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.6
≥ 1500	81.8	87.6	88.0	88.3	88.5	88.6	88.7	88.8	88.8	88.9	88.9	88.9	89.0
≥ 1200	82.8	89.0	89.5	89.8	90.1	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.6
≥ 1000	83.4	90.0	90.6	91.0	91.3	91.3	91.5	91.6	91.7	91.7	91.7	91.8	91.8
≥ 900	83.6	90.5	91.1	91.5	91.8	91.9	92.1	92.2	92.3	92.3	92.4	92.4	92.4
≥ 800	83.9	91.2	91.8	92.3	92.6	92.7	92.9	93.0	93.1	93.1	93.2	93.2	93.3
≥ 700	84.1	91.7	92.4	92.9	93.2	93.3	93.6	93.7	93.8	93.9	93.9	93.9	94.0
≥ 600	84.3	92.2	93.0	93.5	94.0	94.1	94.4	94.5	94.6	94.7	94.7	94.8	94.8
≥ 500	84.4	92.6	93.5	94.1	94.7	94.8	95.2	95.4	95.6	95.7	95.7	95.8	95.8
≥ 400	84.5	93.0	94.0	94.7	95.4	95.6	96.1	96.4	96.6	96.7	96.7	96.8	96.9
≥ 300	84.6	93.2	94.2	95.1	95.9	96.1	96.7	97.1	97.2	97.5	97.7	97.8	97.9
≥ 200	84.6	93.2	94.3	95.3	96.1	96.3	97.1	97.5	97.7	98.1	98.3	98.6	98.8
≥ 100	84.6	93.2	94.4	95.3	96.2	96.4	97.1	97.6	97.8	98.3	98.6	98.9	99.4
≥ 0	84.5	93.2	94.4	95.3	96.2	96.4	97.1	97.6	97.8	98.3	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 255861

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.1	54.8	55.0	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.7
≥ 20000	59.3	62.5	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.6
≥ 18000	59.5	62.7	63.0	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.8
≥ 16000	59.7	62.9	63.2	63.4	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.8	63.8	64.0
≥ 14000	60.9	64.1	64.4	64.6	64.7	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.2
≥ 12000	62.5	65.9	66.2	66.4	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	67.1
≥ 10000	63.9	67.5	67.8	68.0	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.7
≥ 9000	64.7	68.3	68.6	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.5
≥ 8000	65.6	69.4	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.6
≥ 7000	66.3	70.2	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.5
≥ 6000	66.8	70.8	71.1	71.3	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.9	72.1
≥ 5000	67.5	71.6	72.0	72.2	72.3	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.8	73.0
≥ 4500	67.9	72.1	72.5	72.7	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.5
≥ 4000	68.3	72.6	73.0	73.2	73.4	73.4	73.6	73.6	73.7	73.7	73.8	73.8	73.9	74.0
≥ 3500	68.6	73.0	73.4	73.6	73.8	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.4
≥ 3000	69.2	73.7	74.1	74.4	74.5	74.6	74.7	74.8	74.8	74.9	74.9	75.0	75.1	75.2
≥ 2500	69.9	74.7	75.1	75.4	75.6	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.3
≥ 2000	71.1	76.3	76.8	77.1	77.4	77.4	77.6	77.7	77.7	77.8	77.8	77.9	78.0	78.1
≥ 1800	71.5	76.9	77.5	77.8	78.0	78.1	78.3	78.4	78.4	78.5	78.5	78.6	78.7	78.8
≥ 1500	72.6	78.5	79.1	79.5	79.7	79.8	80.0	80.1	80.2	80.3	80.3	80.4	80.5	80.6
≥ 1200	73.6	80.1	80.8	81.2	81.6	81.6	81.9	82.1	82.1	82.3	82.3	82.4	82.5	82.6
≥ 1000	74.3	81.4	82.2	82.7	83.1	83.2	83.6	83.8	83.8	84.0	84.1	84.1	84.2	84.4
≥ 900	74.6	82.0	82.9	83.4	83.9	84.0	84.3	84.6	84.6	84.8	85.0	85.0	85.1	85.3
≥ 800	74.9	82.8	83.7	84.3	84.9	85.0	85.4	85.6	85.7	85.9	86.0	86.1	86.2	86.4
≥ 700	75.2	83.4	84.4	85.1	85.8	85.9	86.3	86.6	86.7	86.9	87.1	87.1	87.2	87.4
≥ 600	75.4	84.2	85.3	86.1	86.9	87.1	87.6	87.9	88.0	88.2	88.4	88.5	88.6	88.7
≥ 500	75.6	84.8	86.0	87.0	88.0	88.3	89.0	89.5	89.6	89.9	90.1	90.2	90.3	90.5
≥ 400	75.7	85.3	86.6	87.9	89.2	89.5	90.4	91.1	91.2	91.7	91.9	92.1	92.2	92.4
≥ 300	75.7	85.5	86.9	88.4	89.8	90.2	91.4	92.3	92.5	93.2	93.6	93.9	94.1	94.3
≥ 200	75.7	85.5	87.0	88.5	90.1	90.5	91.8	93.0	93.2	94.2	94.9	95.5	95.8	96.1
≥ 100	75.7	85.6	87.0	88.5	90.2	90.6	92.0	93.2	93.5	94.7	95.6	96.5	96.8	97.5
≥ 0	75.7	85.6	87.0	88.5	90.2	90.6	92.0	93.2	93.5	94.8	95.7	96.7	97.0	97.9

22160

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 14-5 (O LA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72 YEARS

FEB. MONTH

STATION NAME

ALL HOUR (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.3	54.2	54.6	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.4
≥ 20000	57.9	61.4	61.8	62.0	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.7
≥ 18000	58.2	61.6	62.0	62.3	62.5	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.9	63.0
≥ 16000	58.4	61.8	62.2	62.4	62.6	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.2
≥ 14000	59.2	62.7	63.0	63.3	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9	64.0
≥ 12000	60.4	63.9	64.3	64.6	64.8	64.8	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥ 10000	61.9	65.7	66.1	66.3	66.5	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.1
≥ 9000	62.4	66.2	66.6	66.8	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.6
≥ 8000	63.3	67.1	67.5	67.8	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.5
≥ 7000	64.1	68.0	68.5	68.7	68.9	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.5
≥ 6000	64.8	68.8	69.2	69.5	69.7	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.3
≥ 5000	65.9	70.1	70.6	70.8	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.7
≥ 4500	66.4	70.7	71.2	71.4	71.7	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.3
≥ 4000	66.9	71.4	71.9	72.1	72.4	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	73.0
≥ 3500	67.5	72.0	72.5	72.8	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.7
≥ 3000	68.4	73.2	73.7	74.0	74.3	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.9
≥ 2500	69.6	74.8	75.3	75.7	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.7
≥ 2000	71.0	76.5	77.1	77.5	77.8	77.9	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.5
≥ 1800	71.4	77.2	77.8	78.2	78.5	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.1	79.2	79.3
≥ 1500	72.5	78.7	79.4	79.8	80.3	80.4	80.6	80.7	80.7	80.8	80.8	80.9	80.9	80.9	81.1
≥ 1200	73.5	80.4	81.2	81.7	82.2	82.3	82.6	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.2
≥ 1000	74.2	81.8	82.6	83.2	83.8	83.9	84.2	84.4	84.4	84.6	84.7	84.7	84.7	84.8	84.9
≥ 900	74.4	82.4	83.3	83.9	84.5	84.7	85.0	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.7
≥ 800	74.8	83.1	84.2	84.9	85.6	85.8	86.2	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.9
≥ 700	75.0	83.8	85.0	85.8	86.6	86.7	87.2	87.5	87.5	87.8	87.8	87.9	87.9	88.0	88.1
≥ 600	75.2	84.6	85.9	86.9	87.8	87.9	88.5	88.8	88.9	89.2	89.2	89.3	89.3	89.4	89.5
≥ 500	75.3	85.2	86.8	87.9	89.0	89.3	89.9	90.3	90.4	90.8	90.9	90.9	91.0	91.1	91.2
≥ 400	75.4	85.6	87.4	88.7	90.1	90.4	91.2	91.8	91.9	92.4	92.6	92.7	92.8	92.8	93.0
≥ 300	75.4	85.6	87.7	89.2	90.8	91.2	92.4	93.2	93.4	94.1	94.4	94.6	94.7	94.7	94.9
≥ 200	75.5	85.9	87.9	89.5	91.2	91.7	93.0	94.0	94.3	95.4	95.9	96.3	96.4	96.6	96.8
≥ 100	75.5	85.9	87.9	89.5	91.3	91.7	93.2	94.2	94.5	95.9	96.7	97.4	97.6	98.1	98.5
≥ 0	75.5	85.9	87.9	89.5	91.3	91.7	93.2	94.2	94.5	95.9	96.7	97.4	97.8	98.5	100.0

19691

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

MAR 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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	55.4	55.7	56.0	56.2	56.2	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.7
≥ 20000	59.5	63.0	63.3	63.6	63.8	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4
≥ 18000	59.8	63.2	63.6	63.9	64.1	64.2	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.7
≥ 16000	60.2	63.6	64.0	64.3	64.5	64.6	64.7	64.8	64.8	64.9	65.0	65.0	65.0	65.0	65.1
≥ 14000	61.0	64.5	64.9	65.2	65.4	65.5	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0
≥ 12000	62.2	65.8	66.2	66.5	66.7	66.8	66.9	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.3
≥ 10000	63.9	67.6	68.0	68.3	68.6	68.8	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1
≥ 9000	64.4	68.1	68.5	68.8	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6
≥ 8000	65.3	69.2	69.6	69.9	70.1	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7
≥ 7000	66.0	70.1	70.5	70.8	71.1	71.1	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6
≥ 6000	66.8	70.9	71.3	71.6	71.9	72.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5
≥ 5000	67.8	72.3	72.7	73.0	73.3	73.3	73.5	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.9
≥ 4500	68.5	73.1	73.6	73.9	74.2	74.2	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.8
≥ 4000	69.1	73.9	74.4	74.7	75.0	75.0	75.2	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.6
≥ 3500	69.7	74.7	75.2	75.5	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4
≥ 3000	71.1	76.4	77.0	77.3	77.6	77.7	77.9	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.3
≥ 2500	72.3	78.1	78.7	79.1	79.4	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0
≥ 2000	74.0	80.2	80.9	81.3	81.6	81.7	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.3	82.3
≥ 1800	74.4	80.9	81.5	82.0	82.3	82.4	82.6	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0
≥ 1500	75.7	82.7	83.3	83.8	84.2	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9
≥ 1200	77.1	84.8	85.5	86.1	86.5	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3
≥ 1000	77.9	86.3	87.2	87.8	88.3	88.4	88.7	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2
≥ 900	78.2	87.1	88.0	88.6	89.2	89.3	89.7	89.9	89.9	90.0	90.1	90.1	90.1	90.2	90.2
≥ 800	78.6	88.0	89.0	89.7	90.4	90.5	91.0	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.6
≥ 700	78.9	88.7	89.9	90.7	91.4	91.6	92.1	92.3	92.4	92.5	92.6	92.6	92.7	92.7	92.8
≥ 600	79.1	89.3	90.6	91.5	92.3	92.5	93.1	93.3	93.4	93.6	93.7	93.7	93.8	93.9	93.9
≥ 500	79.2	89.8	91.2	92.3	93.3	93.5	94.2	94.6	94.7	94.9	95.1	95.2	95.2	95.3	95.3
≥ 400	79.3	90.2	91.7	93.0	94.1	94.4	95.3	95.7	95.8	96.2	96.4	96.5	96.6	96.6	96.7
≥ 300	79.4	90.4	92.0	93.3	94.6	94.9	96.0	96.5	96.7	97.2	97.5	97.6	97.7	97.8	97.8
≥ 200	79.4	90.4	92.0	93.4	94.8	95.1	96.4	97.0	97.2	97.9	98.2	98.3	98.5	98.7	98.8
≥ 100	79.4	90.4	92.0	93.4	94.8	95.1	96.4	97.1	97.3	98.0	98.5	98.9	99.1	99.3	99.5
≥ 0	79.4	90.4	92.0	93.4	94.8	95.1	96.4	97.1	97.3	98.0	98.5	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

21442

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/DKLAHOMA CITY 43-45,47-72 YEARS APR MONTH ALL HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.4	53.7	53.9	54.0	54.1	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4
≥ 20000	59.7	62.7	62.9	63.1	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.5
18000	60.0	62.9	63.1	63.3	63.4	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.7
16000	60.2	63.1	63.4	63.5	63.6	63.6	63.8	63.8	63.9	63.9	63.9	63.9	64.0
14000	61.1	64.1	64.3	64.5	64.6	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9
12000	62.2	65.2	65.5	65.6	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.1
10000	64.5	67.9	68.2	68.3	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.8
9000	65.1	68.6	68.9	69.0	69.1	69.1	69.3	69.4	69.4	69.4	69.5	69.5	69.5
8000	65.9	69.7	70.0	70.2	70.3	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.7
7000	67.3	71.2	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2
6000	68.3	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4
5000	69.8	74.2	74.6	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3
4500	70.5	75.1	75.5	75.7	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.3
4000	71.6	76.4	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.7
3500	72.6	77.6	77.9	78.2	78.4	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8
3000	74.4	79.7	80.1	80.4	80.6	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.1
2500	75.9	81.6	82.0	82.3	82.5	82.6	82.8	82.9	83.0	83.0	83.0	83.0	83.0
2000	77.9	84.1	84.6	84.9	85.1	85.2	85.4	85.5	85.6	85.6	85.6	85.6	85.7
1800	78.6	84.9	85.4	85.8	86.0	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.6
1500	80.2	87.1	87.6	88.0	88.3	88.3	88.5	88.6	88.7	88.8	88.8	88.8	88.8
1200	81.7	89.3	89.9	90.3	90.6	90.7	90.9	91.0	91.1	91.1	91.2	91.2	91.2
1000	82.6	90.7	91.5	91.9	92.3	92.3	92.6	92.7	92.8	92.8	92.8	92.9	92.9
900	82.9	91.3	92.1	92.6	92.9	93.0	93.2	93.4	93.5	93.5	93.5	93.5	93.6
800	83.3	92.1	93.0	93.5	93.9	93.9	94.2	94.4	94.5	94.5	94.5	94.6	94.6
700	83.6	92.7	93.7	94.2	94.6	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.4
600	83.9	93.4	94.4	95.0	95.5	95.6	96.0	96.2	96.3	96.3	96.3	96.4	96.4
500	84.1	93.9	95.0	95.6	96.2	96.3	96.8	97.0	97.1	97.1	97.2	97.2	97.2
400	84.2	94.2	95.4	96.2	96.9	97.0	97.6	97.9	98.1	98.1	98.2	98.2	98.2
300	84.2	94.4	95.7	96.6	97.4	97.6	98.2	98.6	98.9	98.9	99.0	99.0	99.0
200	84.2	94.5	95.8	96.8	97.6	97.8	98.5	98.8	99.0	99.3	99.4	99.5	99.5
100	84.2	94.5	95.8	96.8	97.6	97.8	98.5	98.9	99.0	99.3	99.4	99.6	99.8
0	84.2	94.5	95.8	96.8	97.6	97.8	98.5	98.9	99.0	99.3	99.4	99.6	100.0

20724

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45,47-72 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	50.9	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	61.5	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	61.7	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	61.8	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	62.7	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	64.3	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	66.7	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	67.5	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	69.1	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	70.1	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	70.8	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	72.4	76.5	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	73.1	77.4	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000	74.2	78.8	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	75.2	80.0	80.2	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	76.9	82.1	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	78.4	84.2	84.5	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	80.3	86.4	86.8	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	80.9	87.2	87.6	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 1500	82.2	89.0	89.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 1200	83.4	90.7	91.3	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	84.2	92.1	92.7	93.0	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6
≥ 900	84.5	92.6	93.3	93.6	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	84.8	93.2	93.9	94.3	94.7	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 700	85.0	93.8	94.5	94.9	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	85.2	94.3	95.1	95.5	96.0	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5
≥ 500	85.4	94.7	95.7	96.2	96.8	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4
≥ 400	85.5	95.1	96.2	96.8	97.5	97.7	98.0	98.2	98.3	98.3	98.4	98.4	98.4
≥ 300	85.5	95.3	96.6	97.3	98.1	98.3	98.7	98.9	99.1	99.2	99.2	99.2	99.2
≥ 200	85.5	95.4	96.7	97.4	98.3	98.4	99.0	99.2	99.4	99.5	99.6	99.6	99.6
≥ 100	85.5	95.4	96.7	97.4	98.3	98.5	99.0	99.3	99.5	99.6	99.7	99.7	99.7
≥ 0	85.5	95.4	96.7	97.4	98.3	98.5	99.0	99.3	99.5	99.6	99.7	99.7	99.7

21485

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.8	62.2	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	69.8	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	70.0	73.0	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 16000	70.1	73.2	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	71.1	74.1	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	73.2	76.5	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
≥ 10000	75.6	79.1	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	76.2	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
≥ 8000	77.5	81.3	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	78.4	82.3	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	79.2	83.3	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	80.5	84.8	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 4500	81.1	85.5	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	82.6	87.2	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	83.6	88.3	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	85.4	90.2	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 2500	86.4	91.5	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 2000	87.7	93.0	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	88.0	93.3	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1500	88.8	94.4	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 1200	89.6	95.4	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 1000	90.0	96.0	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 900	90.2	96.3	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 800	90.5	96.8	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0
≥ 700	90.6	97.1	97.7	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 600	90.8	97.3	98.0	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8
≥ 500	90.9	97.7	98.3	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 400	91.0	97.8	98.4	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 300	91.0	97.8	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
≥ 200	91.0	97.8	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
≥ 100	91.0	97.9	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
≥ 0	91.0	97.9	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

20476

DATA PROCESSING BRANCH
USAF FTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45,47-72 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	73.9	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
≥ 18000	74.1	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
≥ 16000	74.4	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	75.9	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
≥ 12000	78.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0
≥ 10000	81.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000	82.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	84.3	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	85.4	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 6000	86.5	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	87.7	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 4500	88.1	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4000	89.1	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	89.7	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	90.7	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	91.4	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 2000	92.1	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 1800	92.2	96.3	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	92.6	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 1200	92.9	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 1000	93.1	97.5	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	93.2	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	93.3	97.9	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 700	93.4	98.1	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 600	93.5	98.3	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 500	93.6	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 400	93.7	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300	93.7	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 200	93.7	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 100	93.7	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 0	93.7	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0

21140

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.6	71.5	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 20000	75.5	78.8	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 18000	75.6	78.9	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
≥ 16000	75.9	79.2	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	76.8	80.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 12000	79.1	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	82.1	86.5	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
≥ 9000	83.1	87.5	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 8000	84.6	89.3	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
≥ 7000	85.2	90.1	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	86.1	91.1	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 5000	87.1	92.4	92.6	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	87.4	92.9	93.1	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 4000	88.1	93.7	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	88.5	94.2	94.4	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 3000	89.1	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 2500	89.6	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 2000	90.0	96.0	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 1800	90.1	96.1	96.4	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	90.3	96.5	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 1200	90.6	96.9	97.2	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1000	90.9	97.3	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 900	91.0	97.5	97.8	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 800	91.1	97.7	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 700	91.1	97.8	98.2	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	91.2	98.0	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 500	91.2	98.1	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 400	91.3	98.2	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 300	91.3	98.3	98.7	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 200	91.3	98.3	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
≥ 100	91.3	98.3	98.7	99.1	99.3	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	91.3	98.3	98.7	99.1	99.3	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 21518

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.3	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 20000	69.8	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1
≥ 18000	69.9	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	70.1	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	71.0	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
≥ 12000	73.0	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	75.2	78.7	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	75.8	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	77.3	81.2	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 7000	78.1	82.1	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 6000	78.9	83.1	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 5000	80.0	84.3	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	80.4	84.8	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 4000	81.1	85.8	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 3500	81.7	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 3000	82.5	87.5	87.8	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	83.0	88.2	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 2000	83.8	89.3	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 1800	84.1	89.7	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1500	84.8	90.7	91.1	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1200	85.4	91.7	92.2	92.5	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	85.9	92.6	93.2	93.5	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 900	86.1	93.0	93.6	94.0	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 800	86.4	93.6	94.3	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 700	86.6	94.1	94.7	95.1	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 600	86.8	94.6	95.3	95.8	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 500	87.0	95.1	95.9	96.4	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3
≥ 400	87.1	95.5	96.5	97.1	97.6	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.4
≥ 300	87.2	95.8	96.8	97.5	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.1
≥ 200	87.2	95.9	96.9	97.7	98.3	98.4	98.8	99.1	99.2	99.4	99.5	99.5	99.5	99.7
≥ 100	87.2	95.9	96.9	97.7	98.3	98.4	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.9
≥ 0	87.2	95.9	96.9	97.7	98.3	98.4	98.8	99.1	99.2	99.5	99.6	99.6	99.6	100.0

21539

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

OCT
 MONTH

ALL
 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.9	67.0	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.6
≥ 20000	69.8	72.1	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 18000	69.9	72.2	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 16000	70.1	72.4	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 14000	71.1	73.5	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2
≥ 12000	72.6	75.0	75.2	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7
≥ 10000	74.6	77.3	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
≥ 9000	75.2	78.0	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8
≥ 8000	76.5	79.6	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4
≥ 7000	77.1	80.4	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.2
≥ 6000	77.9	81.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 5000	79.1	82.9	83.1	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.7
≥ 4500	79.6	83.4	83.6	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3
≥ 4000	80.7	84.6	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5
≥ 3500	81.2	85.2	85.4	85.6	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1
≥ 3000	82.1	86.3	86.6	86.7	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 2500	83.0	87.3	87.6	87.8	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3
≥ 2000	84.1	88.7	89.0	89.2	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7
≥ 1800	84.3	89.0	89.3	89.5	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.1
≥ 1500	85.1	90.1	90.4	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.3
≥ 1200	86.1	91.4	91.8	92.0	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6
≥ 1000	86.5	92.3	92.7	93.0	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6
≥ 900	86.8	92.8	93.2	93.5	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1
≥ 800	87.0	93.4	93.8	94.1	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9
≥ 700	87.3	93.9	94.3	94.7	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.5
≥ 600	87.5	94.4	94.9	95.3	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.3
≥ 500	87.6	94.8	95.4	95.9	96.3	96.4	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥ 400	87.7	95.2	95.9	96.4	97.0	97.2	97.5	97.7	97.8	97.9	98.0	98.0	98.1	98.1
≥ 300	87.8	95.4	96.2	96.8	97.5	97.7	98.2	98.4	98.5	98.7	98.7	98.8	98.8	98.9
≥ 200	87.8	95.5	96.4	97.0	97.7	97.9	98.4	98.7	98.8	99.0	99.1	99.2	99.2	99.3
≥ 100	87.8	95.5	96.4	97.0	97.7	97.9	98.5	98.8	98.9	99.2	99.3	99.4	99.5	99.6
≥ 0	87.8	95.5	96.4	97.0	97.7	97.9	98.5	98.8	98.9	99.2	99.3	99.4	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS

21546

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-72 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0	
NO CEILING	62.4	64.2	64.3	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9
≥ 20000	68.3	70.6	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.3
≥ 18000	68.5	70.7	70.8	71.0	71.1	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4
≥ 16000	68.7	71.0	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7
≥ 14000	69.6	71.9	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.6
≥ 12000	71.1	73.5	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2
≥ 10000	72.5	75.0	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7
≥ 9000	73.0	75.5	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2
≥ 8000	73.9	76.4	76.5	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.2	77.2
≥ 7000	74.6	77.1	77.3	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.9	78.0	78.0
≥ 6000	75.2	77.9	78.0	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.7
≥ 5000	75.8	78.7	78.9	79.1	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.6	79.6
≥ 4500	76.4	79.3	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
≥ 4000	77.1	80.1	80.3	80.5	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.0	81.0
≥ 3500	77.8	80.9	81.1	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8
≥ 3000	78.6	81.8	82.1	82.3	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.8
≥ 2500	79.5	83.0	83.3	83.5	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.0
≥ 2000	81.0	84.8	85.1	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.9	85.9
≥ 1800	81.6	85.5	85.8	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.6
≥ 1500	82.9	87.2	87.5	87.7	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3	88.3
≥ 1200	84.0	88.7	89.0	89.3	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.9	89.9
≥ 1000	84.7	89.9	90.3	90.6	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.3	91.3
≥ 900	84.9	90.4	90.8	91.1	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.8	91.9	91.9
≥ 800	85.2	91.1	91.6	91.9	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.8	92.8
≥ 700	85.4	91.7	92.1	92.5	92.8	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.4	93.5	93.5
≥ 600	85.6	92.2	92.7	93.2	93.5	93.6	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.3	94.3
≥ 500	85.7	92.7	93.3	93.8	94.2	94.3	94.5	94.7	94.9	94.9	95.0	95.0	95.1	95.1	95.1
≥ 400	85.8	93.2	93.9	94.5	95.1	95.2	95.6	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.4
≥ 300	85.9	93.6	94.4	95.1	95.9	96.1	96.7	97.1	97.2	97.6	97.6	97.6	97.7	97.8	97.8
≥ 200	85.9	93.7	94.6	95.4	96.3	96.5	97.3	97.8	97.9	98.3	98.6	98.7	98.8	98.9	98.9
≥ 100	85.9	93.7	94.6	95.4	96.3	96.5	97.3	97.8	98.0	98.5	98.8	99.1	99.2	99.6	99.6
≥ 0	85.9	93.7	94.6	95.4	96.3	96.5	97.3	97.8	98.0	98.9	98.9	99.1	99.2	99.5	100.0

2 +

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME: TINKER AFB OK/OKLAHOMA CITY YEARS: 42-72 MONTH: DEC HOURS(LST): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.5	56.9	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 20000	60.6	63.4	63.6	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.3
≥ 18000	60.7	63.6	63.8	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4
≥ 16000	61.1	63.9	64.2	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.8
≥ 14000	61.9	64.8	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.7
≥ 12000	63.6	66.6	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.5
≥ 10000	64.9	68.1	68.3	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9	69.0
≥ 9000	65.3	68.5	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.5
≥ 8000	66.2	69.6	69.8	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.5
≥ 7000	66.9	70.3	70.6	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.3
≥ 6000	67.4	71.0	71.2	71.4	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.9	72.0
≥ 5000	68.4	72.1	72.4	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.1
≥ 4500	69.0	72.8	73.1	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.8
≥ 4000	69.3	73.5	73.8	74.0	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.6
≥ 3500	70.1	74.2	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.2
≥ 3000	70.9	75.1	75.4	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.2
≥ 2500	71.8	76.2	76.5	76.7	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3
≥ 2000	73.0	77.6	78.0	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.9
≥ 1800	73.4	78.2	78.6	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.5	79.5
≥ 1500	74.5	79.8	80.3	80.6	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.3
≥ 1200	75.7	81.6	82.0	82.4	82.6	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.2
≥ 1000	76.5	83.1	83.7	84.1	84.4	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.9	85.0
≥ 900	76.8	83.8	84.4	84.9	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.7	85.8	85.8
≥ 800	77.2	84.6	85.3	85.9	86.2	86.3	86.5	86.7	86.7	86.8	86.8	86.9	86.9	87.0
≥ 700	77.4	85.3	86.1	86.7	87.1	87.3	87.5	87.7	87.7	87.8	87.9	88.0	88.0	88.1
≥ 600	77.7	85.9	86.8	87.7	88.1	88.3	88.6	88.8	89.0	89.1	89.1	89.2	89.2	89.3
≥ 500	77.8	86.5	87.6	88.6	89.2	89.4	89.9	90.2	90.3	90.5	90.7	90.8	90.9	91.0
≥ 400	77.9	87.1	88.4	89.5	90.4	90.7	91.4	91.8	92.0	92.3	92.5	92.6	92.8	92.9
≥ 300	78.0	87.3	88.7	90.0	91.2	91.6	92.6	93.3	93.5	94.0	94.3	94.5	94.7	94.8
≥ 200	78.0	87.4	88.9	90.3	91.6	92.0	93.3	94.3	94.6	95.4	95.9	96.3	96.7	96.9
≥ 100	78.0	87.4	88.9	90.4	91.7	92.1	93.4	94.4	94.8	95.7	96.5	97.2	97.4	97.5
≥ 0	78.0	87.4	88.9	90.4	91.7	92.1	93.4	94.4	94.8	95.8	96.6	97.4	98.3	100.0

22640

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN
MONTH

0000-0200
HOURS(UT)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	59.3	59.6	59.9	60.0	60.0	60.2	60.3	60.4	60.5	60.5	60.5	60.5	61.0
≥ 20300	62.1	64.7	65.1	65.4	65.5	65.5	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.7
≥ 18000	62.3	65.0	65.3	65.6	65.7	65.8	65.9	66.1	66.1	66.2	66.2	66.3	66.3	66.9
≥ 16000	62.4	65.1	65.5	65.8	65.9	65.9	66.1	66.2	66.3	66.4	66.4	66.4	66.4	67.1
≥ 14000	63.4	66.0	66.4	66.7	66.8	66.8	67.0	67.2	67.2	67.3	67.3	67.3	67.4	68.0
≥ 12000	64.9	67.7	68.1	68.5	68.5	68.6	68.8	68.9	68.9	69.0	69.0	69.1	69.1	69.7
≥ 10000	65.9	68.8	69.1	69.5	69.5	69.6	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.7
≥ 9000	66.5	69.4	69.8	70.1	70.2	70.2	70.4	70.6	70.6	70.7	70.7	70.7	70.8	71.4
≥ 8000	67.5	70.4	70.7	71.1	71.2	71.2	71.4	71.5	71.6	71.7	71.7	71.7	71.8	72.4
≥ 7000	68.0	71.1	71.5	71.8	71.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.6	73.2
≥ 6000	68.5	71.7	72.1	72.4	72.5	72.6	72.8	73.0	73.0	73.1	73.1	73.2	73.2	73.8
≥ 5000	69.7	72.8	73.2	73.6	73.7	73.7	73.9	74.1	74.2	74.3	74.3	74.4	74.4	75.0
≥ 4500	70.1	73.3	73.7	74.1	74.2	74.2	74.4	74.6	74.6	74.8	74.8	74.8	74.8	75.4
≥ 4000	70.6	73.8	74.2	74.6	74.7	74.8	74.9	75.2	75.2	75.3	75.3	75.3	75.4	76.0
≥ 3500	70.9	74.2	74.6	75.0	75.3	75.3	75.5	75.7	75.7	75.8	75.8	75.9	75.9	76.5
≥ 3000	71.3	74.8	75.2	75.6	75.8	75.9	76.1	76.3	76.3	76.5	76.5	76.5	76.5	77.1
≥ 2500	72.1	75.8	76.2	76.6	76.9	76.9	77.1	77.3	77.4	77.5	77.5	77.5	77.5	78.2
≥ 2000	73.2	77.1	77.5	77.9	78.2	78.2	78.4	78.7	78.7	78.8	78.8	78.8	78.9	79.5
≥ 1800	73.8	77.9	78.3	78.7	79.0	79.0	79.2	79.5	79.5	79.6	79.6	79.6	79.7	80.3
≥ 1500	74.6	78.9	79.4	79.9	80.2	80.3	80.5	80.7	80.8	80.9	80.9	80.9	80.9	81.6
≥ 1200	75.8	80.5	81.1	81.6	82.0	82.0	82.2	82.5	82.6	82.7	82.7	82.7	82.8	83.4
≥ 1000	76.3	81.5	82.1	82.6	83.1	83.2	83.4	83.8	83.8	84.0	84.1	84.1	84.2	84.8
≥ 900	76.7	82.2	82.7	83.3	83.8	83.9	84.2	84.6	84.6	84.9	85.1	85.1	85.1	85.8
≥ 800	77.2	83.0	83.6	84.2	84.7	84.8	85.1	85.5	85.5	85.8	86.0	86.0	86.0	86.7
≥ 700	77.3	83.5	84.2	84.8	85.4	85.4	85.7	86.1	86.1	86.4	86.6	86.6	86.7	87.3
≥ 500	77.8	84.4	85.2	86.0	86.6	86.6	86.9	87.3	87.4	87.8	87.8	87.9	87.9	88.5
≥ 500	77.8	84.9	85.7	86.7	87.4	87.5	88.0	88.5	88.5	88.8	89.2	89.2	89.3	89.9
≥ 400	77.9	85.5	86.5	87.7	88.6	88.7	89.3	89.9	90.0	90.4	90.7	90.7	90.8	91.5
≥ 300	77.9	85.7	86.5	88.1	89.3	89.3	90.2	91.0	91.1	91.7	92.1	92.2	92.5	93.1
≥ 200	77.9	85.8	86.8	88.2	89.5	89.7	90.6	91.7	91.9	93.1	93.6	93.7	94.4	95.1
≥ 100	77.9	85.8	86.8	88.2	89.6	89.7	91.0	92.1	92.3	94.0	94.7	94.8	95.9	97.4
≥ 0	77.9	85.8	86.8	88.2	89.6	89.7	91.0	92.1	92.3	94.0	94.7	94.8	95.8	97.0

2765

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

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	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	54.8	56.8	57.1	57.3	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.9	57.9	58.0	58.3
≥ 20000	59.4	61.5	61.8	62.0	62.1	62.3	62.3	62.3	62.4	62.5	62.5	62.7	62.7	62.8	63.1
≥ 18000	59.6	61.7	62.0	62.1	62.3	62.3	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.9	63.3
≥ 16000	59.8	61.9	62.2	62.4	62.5	62.7	62.7	62.7	62.8	62.9	62.9	63.0	63.0	63.2	63.5
≥ 14000	60.8	62.9	63.2	63.4	63.6	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.6
≥ 12000	62.6	64.8	65.1	65.3	65.5	65.7	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.1	66.4
≥ 10000	63.8	66.1	66.4	66.6	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.3	67.3	67.4	67.7
≥ 9000	64.6	66.9	67.2	67.4	67.6	67.8	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.6
≥ 8000	65.7	68.2	68.5	68.7	68.9	69.0	69.0	69.0	69.1	69.2	69.2	69.4	69.4	69.5	69.8
≥ 7000	66.3	68.9	69.2	69.4	69.6	69.8	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.2	70.5
≥ 6000	66.7	69.4	69.7	69.9	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.7	70.7	70.8	71.1
≥ 5000	67.4	70.2	70.4	70.7	71.0	71.2	71.2	71.2	71.3	71.4	71.4	71.6	71.6	71.7	72.1
≥ 4500	68.0	70.9	71.2	71.4	71.7	71.9	71.9	71.9	72.1	72.1	72.1	72.3	72.3	72.5	72.8
≥ 4000	68.7	71.7	72.0	72.2	72.5	72.7	72.7	72.7	72.9	73.0	73.0	73.1	73.1	73.3	73.6
≥ 3500	69.0	72.0	72.4	72.6	73.0	73.2	73.2	73.2	73.3	73.4	73.4	73.6	73.6	73.7	74.0
≥ 3000	69.4	72.4	72.8	73.0	73.4	73.6	73.6	73.6	73.8	73.9	73.9	74.0	74.0	74.2	74.5
≥ 2500	70.2	73.3	73.7	74.0	74.3	74.6	74.6	74.6	74.8	74.8	74.8	75.0	75.0	75.2	75.5
≥ 2000	71.4	74.9	75.3	75.6	76.0	76.2	76.2	76.2	76.4	76.5	76.5	76.6	76.6	76.8	77.1
≥ 1800	72.2	75.7	76.2	76.5	76.8	77.1	77.1	77.1	77.3	77.3	77.3	77.5	77.5	77.6	78.0
≥ 1500	73.1	76.8	77.3	77.6	78.0	78.3	78.3	78.3	78.4	78.5	78.6	78.8	78.8	78.9	79.2
≥ 1200	74.2	78.1	78.7	79.0	79.5	79.9	79.9	80.0	80.1	80.2	80.3	80.5	80.5	80.6	80.9
≥ 1000	74.8	79.2	79.7	80.2	80.7	81.2	81.2	81.3	81.4	81.5	81.6	81.8	81.8	81.9	82.2
≥ 900	75.2	80.1	80.7	81.1	81.8	82.3	82.3	82.4	82.5	82.7	82.8	83.0	83.0	83.2	83.5
≥ 800	75.7	81.0	81.7	82.1	82.8	83.4	83.4	83.5	83.6	83.8	84.0	84.1	84.1	84.3	84.6
≥ 700	75.9	81.5	82.2	82.8	83.5	84.1	84.1	84.3	84.4	84.6	84.8	85.0	85.0	85.1	85.4
≥ 600	76.7	83.0	83.7	84.2	85.0	85.7	85.7	85.8	85.9	86.2	86.4	86.6	86.6	86.8	87.1
≥ 500	77.0	83.7	84.5	85.2	85.3	86.5	87.2	87.5	87.5	87.9	88.2	88.4	88.4	88.5	88.9
≥ 400	77.2	84.4	85.2	86.0	87.2	87.5	88.5	88.9	89.0	89.4	89.8	89.9	90.1	90.2	90.6
≥ 300	77.3	84.6	85.5	86.6	88.0	88.3	89.7	90.3	91.1	91.6	91.6	92.1	92.1	92.2	92.5
≥ 200	77.3	84.8	85.7	86.7	88.3	88.7	90.2	91.1	91.3	92.0	92.9	93.0	93.9	94.0	94.7
≥ 100	77.3	84.8	85.7	86.7	88.4	88.8	90.4	91.4	91.6	92.6	93.8	93.9	95.1	95.3	96.8
≥ 0	77.3	84.8	85.7	86.7	88.4	88.8	90.4	91.4	91.6	92.6	93.8	93.9	95.2	95.5	96.6

TOTAL NUMBER OF OBSERVATIONS 2774

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN MONTH

0600-0800 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.2	52.4	52.7	53.0	53.0	53.1	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.5
≥ 7000	54.9	58.7	59.0	59.4	59.4	59.5	59.7	59.7	59.7	59.9	59.9	59.9	59.9	60.1
≥ 18000	54.9	58.8	59.1	59.4	59.5	59.5	59.7	59.7	59.8	59.9	59.9	59.9	59.9	60.2
≥ 16000	55.2	59.0	59.4	59.7	59.8	59.8	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.4
≥ 14000	56.4	60.3	60.7	61.0	61.1	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.8
≥ 12000	58.1	62.2	62.5	62.9	63.0	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.6
≥ 10000	59.7	64.0	64.4	64.7	64.8	64.9	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.5
≥ 9000	60.5	64.8	65.2	65.6	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.4
≥ 8000	61.3	65.9	66.2	66.6	66.7	66.8	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.5
≥ 7000	62.2	66.9	67.3	67.7	67.8	67.8	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.5
≥ 6000	63.0	67.8	68.2	68.6	68.7	68.7	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.4
≥ 5000	63.7	68.8	69.3	69.7	69.8	69.8	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.6
≥ 4500	64.1	69.6	70.0	70.5	70.5	70.6	70.8	70.9	70.9	71.0	71.0	71.1	71.1	71.3
≥ 4000	64.6	70.1	70.5	71.0	71.1	71.2	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.9
≥ 3500	65.1	70.8	71.3	71.7	71.8	71.9	72.1	72.2	72.2	72.3	72.4	72.4	72.4	72.6
≥ 3000	65.7	71.4	71.9	72.3	72.4	72.5	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.3
≥ 2500	66.2	72.1	72.6	73.1	73.2	73.3	73.5	73.5	73.6	73.7	73.7	73.7	73.7	74.0
≥ 2000	67.2	73.6	74.1	74.6	74.7	74.8	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.7
≥ 1800	67.5	74.1	74.6	75.1	75.3	75.4	75.6	75.7	75.8	76.0	76.0	76.0	76.0	76.3
≥ 1500	68.6	75.6	76.2	76.7	76.9	77.0	77.2	77.4	77.4	77.6	77.6	77.7	77.7	78.0
≥ 1200	70.0	77.3	78.0	78.6	78.8	78.9	79.3	79.5	79.5	79.8	79.8	79.9	79.9	80.2
≥ 1000	70.6	78.6	79.3	80.0	80.4	80.5	80.9	81.1	81.2	81.4	81.4	81.6	81.6	81.9
≥ 900	70.8	78.9	79.7	80.4	80.8	80.9	81.3	81.6	81.6	81.9	82.1	82.1	82.1	82.4
≥ 800	71.4	80.0	80.9	81.6	82.0	82.2	82.7	82.9	82.9	83.2	83.4	83.5	83.5	83.8
≥ 700	71.5	80.5	81.5	82.2	82.7	82.9	83.4	83.6	83.6	84.0	84.2	84.2	84.2	84.5
≥ 600	71.7	81.2	82.2	83.0	83.6	83.8	84.4	84.7	84.7	85.1	85.1	85.3	85.3	85.6
≥ 500	72.1	81.7	82.9	83.9	84.7	84.9	85.7	86.1	86.2	86.6	86.9	86.9	86.9	87.2
≥ 400	72.2	82.4	83.8	84.9	85.9	86.2	87.3	87.8	87.9	88.5	88.8	88.9	89.0	89.3
≥ 300	72.2	82.6	84.0	85.5	86.7	87.0	88.4	89.3	89.5	90.5	90.9	91.0	91.2	91.8
≥ 200	72.2	82.7	84.2	85.8	87.0	87.4	89.0	90.2	90.4	91.6	92.3	92.4	93.2	94.0
≥ 100	72.2	82.7	84.2	85.8	87.2	87.6	89.4	90.5	90.8	92.4	93.4	93.6	94.6	95.9
≥ 0	72.2	82.7	84.2	85.8	87.2	87.6	89.4	90.6	90.9	92.4	93.6	93.7	94.8	96.9

TOTAL NUMBER OF OBSERVATIONS 2776

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

JAN MONTH

0900-1100 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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	47.8	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.6
≥ 20000	53.1	57.3	57.7	57.8	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.5
≥ 18000	53.3	57.6	58.0	58.0	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.7
≥ 16000	53.5	57.8	58.2	58.2	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.9
≥ 14000	55.3	59.7	60.1	60.1	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.7	60.8
≥ 12000	57.0	61.7	62.2	62.2	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.9	63.0
≥ 10000	58.6	63.5	64.1	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.8	64.9
≥ 9000	59.5	64.6	65.2	65.2	65.5	65.6	65.6	65.7	65.7	65.8	65.8	65.8	65.9	65.9	66.0
≥ 8000	60.1	65.5	66.0	66.2	66.4	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	67.1
≥ 7000	60.8	66.2	66.8	66.9	67.2	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.9
≥ 6000	61.3	66.9	67.4	67.6	67.9	68.0	68.2	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.6
≥ 5000	62.0	67.7	68.2	68.5	68.7	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.5
≥ 4500	62.1	68.0	68.5	68.8	69.0	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.8
≥ 4000	62.3	68.2	68.8	69.0	69.3	69.4	69.6	69.7	69.7	69.8	69.8	69.8	69.9	69.9	70.1
≥ 3500	62.7	68.8	69.3	69.5	69.8	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.5	70.6
≥ 3000	63.2	69.6	70.2	70.4	70.7	70.8	71.1	71.1	71.2	71.3	71.3	71.3	71.4	71.5	71.6
≥ 2500	63.5	70.3	71.0	71.3	71.6	71.7	72.0	72.0	72.1	72.2	72.2	72.2	72.3	72.4	72.5
≥ 2000	64.6	71.8	72.7	73.0	73.4	73.5	73.8	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.4
≥ 1800	65.0	72.3	73.3	73.7	74.0	74.1	74.5	74.6	74.7	74.8	74.8	74.8	74.9	75.0	75.1
≥ 1500	66.2	73.8	74.8	75.2	75.6	75.7	76.1	76.2	76.3	76.4	76.4	76.4	76.5	76.6	76.7
≥ 1200	66.8	75.0	76.1	76.6	77.1	77.2	77.6	77.8	77.9	78.1	78.1	78.2	78.2	78.3	78.4
≥ 1000	67.5	76.2	77.5	78.1	78.8	79.1	79.5	79.8	80.0	80.2	80.3	80.3	80.4	80.4	80.6
≥ 900	67.7	76.7	78.1	78.7	79.6	79.8	80.2	80.6	80.7	81.0	81.1	81.1	81.2	81.3	81.4
≥ 800	68.0	77.6	79.0	79.7	80.6	80.9	81.4	81.8	81.9	82.2	82.4	82.4	82.5	82.5	82.7
≥ 700	68.2	78.5	80.1	81.0	82.0	82.4	82.9	83.3	83.4	83.7	83.9	83.9	84.0	84.0	84.2
≥ 600	68.5	79.6	81.3	82.3	83.5	84.0	84.6	85.0	85.2	85.6	85.8	85.8	86.0	86.1	86.3
≥ 500	68.6	80.2	82.1	83.3	84.6	85.2	86.2	86.7	87.0	87.7	87.9	87.9	88.2	88.3	88.5
≥ 400	68.6	80.5	82.6	84.1	85.7	86.3	87.6	88.5	88.8	89.7	90.1	90.1	90.5	90.6	90.8
≥ 300	68.6	80.8	82.9	84.6	86.4	87.1	88.8	89.9	90.2	91.4	91.9	92.0	92.6	92.8	93.2
≥ 200	68.6	80.8	83.0	84.6	86.5	87.3	89.1	90.4	90.8	92.2	93.1	93.3	94.3	94.7	95.2
≥ 100	68.6	80.8	83.0	84.6	86.6	87.3	89.1	90.5	90.9	92.5	93.6	93.9	95.2	95.8	96.8
≥ 0	68.6	80.8	83.0	84.6	86.6	87.3	89.1	90.5	90.9	92.5	93.7	94.0	95.4	96.2	97.4

TOTAL NUMBER OF OBSERVATIONS

2768

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN

MONTH

1200-1400
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.7	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	57.9	61.4	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	58.2	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	58.4	61.9	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	59.1	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	61.1	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	62.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	63.5	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	64.4	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
≥ 7000	65.2	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	65.6	70.2	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	66.1	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	66.4	71.1	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	66.7	71.6	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	67.0	71.9	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	67.5	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	68.3	73.8	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2000	69.3	75.3	75.9	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1800	69.6	75.7	76.3	76.6	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1500	71.0	77.8	78.4	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1200	71.9	79.5	80.3	80.7	81.1	81.3	81.6	81.7	81.8	82.0	82.0	82.0	82.0	82.0
≥ 1000	72.9	81.7	82.7	83.2	83.7	83.9	84.3	84.5	84.5	84.8	84.9	84.9	84.9	84.9
≥ 900	73.1	82.5	83.5	84.2	84.7	84.9	85.3	85.5	85.6	85.9	85.9	86.0	86.0	86.0
≥ 800	73.5	83.4	84.6	85.4	86.0	86.3	86.7	86.9	87.0	87.3	87.4	87.4	87.4	87.4
≥ 700	73.7	84.2	85.5	86.4	87.2	87.4	88.0	88.2	88.3	88.7	88.8	88.8	88.8	88.8
≥ 600	73.8	84.6	86.1	87.2	88.1	88.3	89.0	89.3	89.4	89.8	89.9	89.9	89.9	89.9
≥ 500	73.9	85.2	86.8	88.3	89.4	89.8	90.7	91.3	91.4	91.9	92.1	92.1	92.1	92.1
≥ 400	74.0	85.8	87.5	89.3	90.7	91.1	92.2	93.0	93.2	93.8	94.0	94.0	94.1	94.1
≥ 300	74.0	85.9	87.7	89.6	91.0	91.5	92.8	94.1	94.3	95.2	95.6	95.7	95.8	95.8
≥ 200	74.1	85.9	87.8	89.7	91.2	91.6	93.2	94.5	94.8	96.0	96.8	97.2	97.5	97.7
≥ 100	74.1	85.9	87.8	89.7	91.2	91.7	93.2	94.6	94.9	96.4	97.3	97.9	98.2	98.8
≥ 0	74.1	85.9	87.8	89.7	91.2	91.7	93.2	94.6	94.9	96.4	97.4	98.1	98.4	99.0

TOTAL NUMBER OF OBSERVATIONS

2772

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN MONTH

1500-1700 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.7	52.2	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 20000	60.6	63.6	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 18000	60.7	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 16000	60.9	63.9	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 14000	61.8	64.9	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 12000	63.7	67.0	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 10000	65.5	69.0	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 9000	66.4	69.9	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 8000	67.1	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 7000	67.7	71.5	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 6000	68.0	71.9	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 5000	68.5	72.4	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 4500	68.9	72.9	73.3	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
≥ 4000	69.4	73.5	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 3500	69.5	73.7	74.1	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 3000	70.3	74.6	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 2500	71.2	76.0	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 2000	73.1	78.6	79.3	79.5	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9
≥ 1800	73.4	79.1	79.8	80.0	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
≥ 1500	74.8	81.5	82.4	82.7	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3
≥ 1200	76.2	84.1	85.0	85.5	85.8	85.9	86.1	86.1	86.1	86.2	86.3	86.3	86.3	86.4
≥ 1000	76.7	85.1	86.2	86.7	87.2	87.3	87.5	87.6	87.6	87.7	87.8	87.8	87.8	87.9
≥ 900	76.8	85.5	86.7	87.2	87.7	87.7	88.0	88.2	88.2	88.3	88.3	88.4	88.4	88.5
≥ 800	76.9	86.0	87.3	88.0	88.6	88.7	89.0	89.1	89.1	89.2	89.3	89.4	89.4	89.5
≥ 700	77.1	86.3	87.7	88.5	89.3	89.4	89.8	90.1	90.1	90.2	90.3	90.4	90.4	90.4
≥ 600	77.2	86.9	88.6	89.5	90.6	90.7	91.2	91.6	91.6	91.7	91.8	91.9	91.9	92.0
≥ 500	77.2	87.4	89.2	90.4	91.7	91.9	92.6	93.3	93.3	93.5	93.6	93.7	93.7	93.8
≥ 400	77.3	87.8	89.7	91.2	92.7	92.9	93.8	94.9	95.1	95.3	95.4	95.6	95.6	95.7
≥ 300	77.3	87.9	89.8	91.3	93.0	93.3	94.4	95.7	96.0	96.5	96.8	97.0	97.0	97.3
≥ 200	77.7	88.0	89.9	91.4	93.1	93.4	94.4	96.0	96.3	97.0	97.4	97.8	97.9	98.3
≥ 100	77.3	88.0	89.9	91.4	93.1	93.4	94.5	96.0	96.4	97.2	97.6	97.9	98.2	98.5
≥ 0	77.3	88.0	89.9	91.4	93.1	93.4	94.5	96.0	96.4	97.2	97.6	97.9	98.3	98.5

TOTAL NUMBER OF OBSERVATIONS 2772

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-72 YEARS

JAN MONTH

1800-2000 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	56.0	58.6	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2
≥ 20000	63.0	66.3	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	63.2	66.5	66.8	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 16000	63.7	67.0	67.2	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
≥ 14000	65.1	68.4	68.6	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2
≥ 12000	66.2	69.6	69.9	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 10000	67.7	71.3	71.6	71.8	71.9	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2
≥ 9000	68.3	71.9	72.2	72.5	72.6	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9
≥ 8000	69.4	73.2	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	70.3	74.2	74.5	74.8	74.9	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
≥ 6000	70.8	74.9	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 5000	71.5	75.6	75.9	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	71.9	76.1	76.5	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1
≥ 4000	72.4	76.6	77.0	77.3	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7
≥ 3500	72.5	76.9	77.2	77.5	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 3000	73.4	77.8	78.2	78.4	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	74.2	78.9	79.3	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 2000	75.1	80.4	80.8	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7
≥ 1800	75.5	81.2	81.6	81.9	82.1	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.5
≥ 1500	76.5	82.6	83.1	83.5	83.6	83.7	83.8	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2
≥ 1200	77.3	84.1	84.6	84.9	85.1	85.2	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7
≥ 1000	77.9	85.2	85.7	86.2	86.5	86.6	86.7	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1
≥ 900	78.2	86.0	86.5	86.9	87.3	87.4	87.6	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0
≥ 800	78.5	86.6	87.1	87.6	88.0	88.1	88.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.9
≥ 700	78.6	87.0	87.6	88.3	88.8	89.0	89.3	89.6	89.7	89.8	90.0	90.0	90.0	90.0	90.1
≥ 600	78.8	87.7	88.4	89.1	89.8	90.1	90.5	90.9	90.9	91.1	91.2	91.3	91.3	91.3	91.3
≥ 500	78.9	88.4	89.1	90.1	91.0	91.4	91.9	92.4	92.6	92.8	92.9	93.0	93.0	93.0	93.0
≥ 400	78.9	88.7	89.6	90.8	92.0	92.5	93.2	93.7	93.9	94.1	94.3	94.3	94.3	94.3	94.4
≥ 300	79.0	88.9	90.0	91.4	92.8	93.4	94.3	95.0	95.2	95.6	95.9	95.9	96.0	96.0	96.1
≥ 200	79.0	89.0	90.1	91.7	93.1	93.7	94.7	95.6	95.8	96.5	97.0	97.1	97.3	97.3	97.4
≥ 100	79.1	89.1	90.2	91.7	93.2	93.8	94.9	96.0	96.3	97.2	97.9	98.2	98.6	98.8	99.1
≥ 0	79.1	89.1	90.2	91.7	93.2	93.8	94.9	96.0	96.3	97.3	97.9	98.4	98.8	99.0	100.0

2770

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN

STATION

MONTH

2100-2300
HOURS(LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	58.4	60.8	61.0	61.1	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 20000	63.6	66.3	66.4	66.6	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.2
≥ 18000	63.7	66.5	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.5
≥ 16000	64.1	66.8	67.0	67.1	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8
≥ 14000	65.2	68.0	68.2	68.3	68.4	68.4	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.9
≥ 12000	66.5	69.5	69.7	69.8	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.5
≥ 10000	67.5	70.5	70.7	70.8	71.0	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.6
≥ 9000	68.1	71.2	71.3	71.4	71.6	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.2
≥ 8000	69.1	72.3	72.5	72.6	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.4
≥ 7000	69.8	73.1	73.3	73.4	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.1
≥ 6000	70.2	73.4	73.6	73.7	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5
≥ 5000	71.2	74.6	74.8	74.9	75.1	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.7
≥ 4500	71.7	75.1	75.3	75.4	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.2
≥ 4000	72.1	75.6	75.8	75.9	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.7
≥ 3500	72.3	75.8	76.0	76.1	76.3	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.9
≥ 3000	72.7	76.3	76.5	76.7	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.5
≥ 2500	73.4	77.1	77.4	77.6	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.4
≥ 2000	74.7	78.9	79.2	79.4	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.2
≥ 1800	75.1	79.5	79.8	80.0	80.2	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.9
≥ 1500	76.3	81.0	81.4	81.6	81.8	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.6
≥ 1200	76.9	82.0	82.5	82.7	83.0	83.1	83.2	83.4	83.4	83.5	83.5	83.5	83.6	83.7	83.9
≥ 1000	77.7	83.3	84.1	84.3	84.7	84.7	84.9	85.1	85.1	85.3	85.3	85.3	85.4	85.5	85.6
≥ 900	78.1	84.0	84.8	85.1	85.6	85.6	85.8	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.6
≥ 800	78.4	84.7	85.5	85.8	86.3	86.4	86.6	86.9	86.9	87.0	87.1	87.2	87.2	87.3	87.4
≥ 700	78.8	85.4	86.3	86.6	87.3	87.3	87.6	87.8	87.8	88.0	88.1	88.1	88.1	88.2	88.4
≥ 600	79.0	86.0	86.8	87.3	88.0	88.0	88.4	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.2
≥ 500	79.2	86.5	87.4	88.1	89.0	89.2	89.6	90.0	90.0	90.2	90.3	90.3	90.3	90.4	90.6
≥ 400	79.2	87.0	88.1	89.1	90.4	90.7	91.3	91.9	91.9	92.1	92.3	92.3	92.3	92.4	92.6
≥ 300	79.4	87.3	88.5	89.7	91.5	91.8	92.7	93.5	93.5	94.0	94.2	94.3	94.3	94.4	94.5
≥ 200	79.4	87.5	88.7	89.9	91.9	92.2	93.4	94.3	94.3	95.2	95.7	95.9	95.9	96.1	96.2
≥ 100	79.4	87.5	88.7	90.0	92.0	92.3	93.6	94.6	94.6	95.8	96.6	96.7	96.8	97.1	98.3
≥ 0	79.4	87.5	88.7	90.0	92.0	92.3	93.6	94.6	94.6	95.8	96.7	96.8	97.2	97.5	98.3

TOTAL NUMBER OF OBSERVATIONS

2763

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/DKLAHOMA CITY 43-72 YEARS MONTH FEB

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	56.5	58.7	58.8	59.0	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.7	59.8	60.1
≥ 20000	59.9	62.2	62.4	62.6	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.7
≥ 18000	60.3	62.6	62.8	63.0	63.2	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	64.1
≥ 16000	60.3	62.6	62.8	63.0	63.2	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	64.1
≥ 14000	61.4	63.8	63.9	64.1	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.9	65.0	65.3
≥ 12000	61.8	64.4	64.5	64.7	65.0	65.0	65.2	65.2	65.3	65.4	65.4	65.5	65.5	65.9
≥ 10000	63.0	65.7	65.9	66.1	66.3	66.5	66.7	66.7	66.7	66.8	66.8	66.9	67.0	67.3
≥ 9000	63.2	65.9	66.1	66.3	66.5	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.2	67.5
≥ 8000	64.1	66.8	67.0	67.2	67.5	67.6	67.8	67.8	67.9	67.9	67.9	68.0	68.1	68.4
≥ 7000	65.1	67.8	67.9	68.2	68.4	68.5	68.7	68.7	68.8	68.9	68.9	69.0	69.1	69.3
≥ 6000	65.6	68.3	68.4	68.7	68.9	69.0	69.2	69.2	69.3	69.3	69.4	69.5	69.5	69.8
≥ 5000	67.3	70.1	70.2	70.5	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.3	71.4	71.7
≥ 4500	67.8	70.8	71.0	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.1	72.2	72.5
≥ 4000	68.2	71.4	71.6	71.8	72.1	72.2	72.4	72.4	72.5	72.6	72.6	72.7	72.8	73.0
≥ 3500	68.9	72.1	72.4	72.6	72.9	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.5	73.8
≥ 3000	69.8	73.4	73.6	73.9	74.1	74.3	74.5	74.5	74.6	74.6	74.7	74.7	74.8	75.1
≥ 2500	70.9	74.9	75.2	75.5	75.8	75.9	76.1	76.1	76.2	76.2	76.3	76.4	76.5	76.7
≥ 2000	72.3	76.5	76.8	77.1	77.4	77.5	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.4
≥ 1800	72.9	77.3	77.6	78.0	78.2	78.4	78.6	78.6	78.8	78.8	78.8	78.9	79.0	79.3
≥ 1500	74.3	78.9	79.2	79.6	80.0	80.2	80.3	80.4	80.6	80.7	80.7	80.8	80.9	81.2
≥ 1200	74.8	80.1	80.5	80.8	81.3	81.5	81.7	81.7	82.0	82.1	82.1	82.2	82.3	82.5
≥ 1000	75.6	81.3	81.7	82.1	82.6	82.8	83.1	83.2	83.4	83.5	83.5	83.6	83.7	84.0
≥ 900	76.1	82.0	82.5	83.1	83.6	83.8	84.0	84.1	84.3	84.4	84.4	84.5	84.6	84.9
≥ 800	76.5	82.7	83.3	83.9	84.4	84.6	84.9	84.9	85.1	85.2	85.2	85.3	85.4	85.7
≥ 700	76.7	83.3	83.9	84.6	85.1	85.3	85.6	85.7	86.0	86.0	86.0	86.1	86.2	86.5
≥ 600	77.1	84.4	85.3	86.0	86.6	86.9	87.2	87.3	87.6	87.7	87.7	87.8	87.9	88.2
≥ 500	77.3	85.0	86.1	86.9	87.6	87.9	88.5	88.6	89.0	89.1	89.1	89.2	89.3	89.6
≥ 400	77.6	86.1	87.4	88.3	89.2	89.6	90.3	90.5	90.9	91.1	91.1	91.2	91.3	91.6
≥ 300	77.6	86.3	87.7	88.8	89.9	90.4	91.4	91.6	92.3	92.4	92.4	92.5	92.7	93.0
≥ 200	77.6	86.4	87.9	89.4	90.5	91.2	92.4	92.7	94.0	94.2	94.2	94.4	94.5	95.0
≥ 100	77.6	86.5	87.9	89.4	90.6	91.2	92.7	93.1	95.0	95.7	95.7	96.3	96.6	97.0
≥ 0	77.6	86.5	87.9	89.4	90.6	91.2	92.7	93.1	95.1	95.8	95.8	96.5	96.8	97.4

TOTAL NUMBER OF OBSERVATIONS 2463

20 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH FEB

0300-0500
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	56.5	56.7	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.9
≥ 20000	58.0	60.5	60.8	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.9
≥ 18000	58.3	60.8	61.1	61.4	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	62.2
≥ 16000	58.4	60.8	61.1	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	62.3
≥ 14000	59.1	61.7	61.9	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.8	63.1
≥ 12000	59.6	62.3	62.6	62.9	63.1	63.1	63.2	63.2	63.2	63.3	63.4	63.4	63.4	63.8
≥ 10000	60.8	63.6	63.9	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.8	65.2
≥ 9000	61.2	64.0	64.3	64.6	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.1	65.2	65.5
≥ 8000	61.7	64.6	64.9	65.2	65.4	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.8	66.1
≥ 7000	62.8	65.7	66.0	66.3	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.9	67.2
≥ 6000	63.4	66.4	66.7	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.5	67.5	67.9
≥ 5000	64.6	67.7	68.0	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.9	69.3
≥ 4500	65.2	68.5	68.8	69.1	69.3	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.7	70.0
≥ 4000	65.8	69.1	69.5	69.8	70.0	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.8
≥ 3500	66.6	69.9	70.3	70.6	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.6
≥ 3000	67.8	71.4	71.8	72.1	72.4	72.5	72.5	72.6	72.7	72.7	72.8	72.8	72.8	73.2
≥ 2500	69.0	72.9	73.4	73.7	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.8
≥ 2000	70.2	74.5	75.0	75.3	75.6	75.7	75.8	75.9	75.9	76.0	76.0	76.1	76.1	76.5
≥ 1800	70.8	75.2	75.7	76.0	76.3	76.4	76.6	76.6	76.7	76.7	76.8	76.8	76.8	77.2
≥ 1500	71.9	76.4	76.8	77.2	77.6	77.7	77.9	77.9	77.9	78.0	78.1	78.1	78.1	78.5
≥ 1200	72.9	78.1	78.7	79.1	79.7	79.7	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.7
≥ 1000	73.6	79.3	80.1	80.5	81.2	81.3	81.6	81.8	81.8	81.8	81.9	82.0	82.0	82.4
≥ 900	73.8	79.7	80.5	81.0	81.7	81.7	82.1	82.2	82.3	82.3	82.4	82.5	82.5	82.9
≥ 800	74.4	80.5	81.4	81.9	82.7	82.7	83.2	83.3	83.3	83.5	83.5	83.7	83.7	84.1
≥ 700	74.7	81.2	82.3	82.9	83.7	83.8	84.3	84.5	84.7	84.7	84.8	84.9	84.9	85.3
≥ 600	75.1	82.3	83.4	84.0	84.9	85.0	85.7	85.9	86.1	86.3	86.3	86.4	86.4	86.8
≥ 500	75.1	83.1	84.5	85.2	86.4	86.5	87.2	87.4	87.4	87.7	87.9	88.0	88.0	88.4
≥ 400	75.3	83.5	85.2	86.1	87.7	87.8	88.9	89.2	89.2	89.6	89.8	90.0	90.0	90.4
≥ 300	75.3	83.9	85.6	86.9	88.7	88.9	90.3	90.9	90.9	91.7	92.1	92.4	92.4	92.9
≥ 200	75.4	84.1	85.8	87.2	89.1	89.4	91.1	91.9	92.0	93.1	93.7	94.2	94.2	94.8
≥ 100	75.4	84.1	85.8	87.2	89.1	89.4	91.3	92.1	92.3	93.9	94.8	95.6	95.6	96.8
≥ 0	75.4	84.1	85.8	87.2	89.1	89.4	91.3	92.1	92.3	94.0	95.0	95.8	95.8	96.8
≥ 0	75.4	84.1	85.8	87.2	89.1	89.4	91.3	92.1	92.3	94.0	95.0	95.8	95.8	96.8

2462

TOTAL NUMBER OF OBSERVATIONS

FORM 0-14-5 (O/LA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF/ETAC JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH FEB
STATION NAME

0600-0800
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	50.2	50.9	51.1	51.2	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.7	52.0
≥ 20000	52.1	55.8	56.5	56.7	56.8	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.6
≥ 18000	52.2	55.9	56.6	56.8	56.9	57.0	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.7
≥ 16000	52.4	56.0	56.7	56.9	57.0	57.1	57.2	57.4	57.4	57.4	57.5	57.5	57.6	57.8
≥ 14000	53.4	57.1	57.8	58.0	58.1	58.1	58.3	58.5	58.5	58.5	58.5	58.6	58.6	58.9
≥ 12000	54.7	58.4	59.1	59.3	59.4	59.5	59.6	59.8	59.8	59.8	59.9	59.9	60.0	60.2
≥ 10000	56.3	60.2	60.9	61.1	61.2	61.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	62.0
≥ 9000	57.0	60.9	61.6	61.8	62.0	62.0	62.1	62.3	62.3	62.4	62.4	62.4	62.5	62.7
≥ 8000	57.6	61.5	62.2	62.4	62.5	62.6	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.3
≥ 7000	58.5	62.4	63.2	63.3	63.5	63.5	63.7	63.9	63.9	63.9	63.9	64.0	64.0	64.3
≥ 6000	59.1	63.4	64.1	64.3	64.4	64.5	64.6	64.8	64.8	64.8	64.9	64.9	65.0	65.2
≥ 5000	60.2	64.5	65.2	65.4	65.6	65.7	65.8	66.0	66.0	66.1	66.1	66.1	66.2	66.4
≥ 4500	60.6	65.0	65.8	66.0	66.1	66.2	66.3	66.6	66.6	66.6	66.7	66.7	66.7	67.0
≥ 4000	61.6	66.2	67.0	67.2	67.3	67.4	67.6	67.8	67.8	67.9	67.9	67.9	68.0	68.2
≥ 3500	62.2	66.7	67.5	67.7	67.9	68.0	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.8
≥ 3000	63.1	67.8	68.6	68.8	69.0	69.1	69.2	69.5	69.5	69.5	69.6	69.6	69.6	69.9
≥ 2500	64.4	69.4	70.3	70.7	70.9	71.0	71.2	71.5	71.5	71.6	71.6	71.7	71.7	72.0
≥ 2000	65.5	70.9	71.9	72.3	72.6	72.6	72.8	73.1	73.1	73.2	73.3	73.3	73.3	73.6
≥ 1800	65.9	71.3	72.3	72.8	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.9	73.9	74.2
≥ 1500	66.6	72.6	73.7	74.2	74.6	74.7	74.9	75.2	75.2	75.3	75.4	75.4	75.5	75.7
≥ 1200	68.1	75.0	76.0	76.7	77.1	77.2	77.5	77.8	77.8	77.9	78.0	78.1	78.1	78.4
≥ 1000	68.8	76.1	77.2	78.0	78.5	78.6	78.9	79.3	79.3	79.4	79.5	79.6	79.6	79.8
≥ 900	69.2	76.9	78.1	78.9	79.4	79.5	79.8	80.2	80.2	80.3	80.4	80.5	80.5	80.8
≥ 800	69.6	77.7	78.9	79.9	80.7	80.8	81.1	81.5	81.5	81.7	81.8	81.9	81.9	82.2
≥ 700	70.0	78.7	80.1	81.2	82.0	82.1	82.4	82.9	82.9	83.0	83.1	83.3	83.3	83.6
≥ 600	70.3	79.6	81.2	82.4	83.3	83.5	83.9	84.3	84.4	84.6	84.7	84.9	84.9	85.2
≥ 500	70.5	80.6	82.6	83.9	85.0	85.2	85.7	86.3	86.3	86.6	86.7	86.9	87.0	87.2
≥ 400	70.5	80.9	83.3	84.8	86.3	86.5	87.1	87.8	87.8	88.3	88.5	88.7	88.8	89.0
≥ 300	70.6	81.1	83.7	85.4	87.2	87.5	88.3	89.1	89.3	90.2	90.6	91.1	91.2	91.4
≥ 200	70.7	81.3	83.8	85.7	87.6	87.8	89.1	90.4	90.7	92.2	92.8	93.6	94.1	94.3
≥ 100	70.7	81.3	83.8	85.7	87.6	88.0	89.2	90.7	91.0	92.8	93.9	95.2	96.7	97.5
≥ 0	70.7	81.3	83.8	85.7	87.6	88.0	89.2	90.7	91.0	92.8	94.0	95.4	97.4	100.0

2460

TOTAL NUMBER OF OBSERVATIONS

FORM NO. 0-145101A-1 (REV. 10-65) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

20 +

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAAC

13919 STATION

TINKER AFB OK/DKLAHOMA CITY STATION NAME

43-72

YEARS

FEB MONTH

0900-1100 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.6	48.2	48.8	49.0	49.1	49.1	49.3	49.5	49.5	49.5	49.5	49.6	49.6	49.7
≥ 20000	51.1	56.4	57.1	57.5	57.6	57.6	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.2
≥ 18000	51.4	56.8	57.4	57.8	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.4	58.5	58.5
≥ 16000	51.6	56.9	57.5	57.9	58.0	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.6	58.6
≥ 14000	52.0	57.3	58.0	58.3	58.5	58.5	58.7	58.9	58.9	59.0	59.0	59.1	59.1	59.2
≥ 12000	53.9	59.3	59.9	60.3	60.4	60.5	60.7	60.8	60.9	60.9	60.9	61.0	61.1	61.1
≥ 10000	56.3	61.7	62.4	62.8	62.9	62.9	63.2	63.3	63.3	63.4	63.4	63.5	63.5	63.6
≥ 9000	56.8	62.3	63.0	63.4	63.5	63.5	63.8	63.9	63.9	64.0	64.0	64.1	64.1	64.2
≥ 8000	57.7	63.4	64.1	64.4	64.6	64.6	64.8	65.0	65.0	65.1	65.2	65.2	65.2	65.2
≥ 7000	58.7	64.5	65.2	65.5	65.7	65.7	65.9	66.1	66.1	66.2	66.2	66.3	66.3	66.3
≥ 6000	59.5	65.3	66.0	66.3	66.5	66.5	66.7	66.9	66.9	67.0	67.0	67.1	67.1	67.2
≥ 5000	60.3	66.4	67.2	67.6	67.8	67.9	68.1	68.3	68.3	68.3	68.4	68.5	68.5	68.5
≥ 4500	60.5	66.8	67.6	68.0	68.3	68.3	68.5	68.7	68.7	68.7	68.8	68.9	68.9	68.9
≥ 4000	60.7	67.0	67.8	68.2	68.5	68.5	68.7	68.9	68.9	68.9	69.0	69.1	69.1	69.1
≥ 3500	61.1	67.6	68.4	68.7	69.0	69.0	69.3	69.4	69.4	69.5	69.5	69.6	69.6	69.7
≥ 3000	61.9	68.5	69.3	69.8	70.0	70.0	70.3	70.4	70.5	70.6	70.6	70.7	70.7	70.8
≥ 2500	62.9	69.9	70.7	71.1	71.5	71.5	71.8	71.9	72.0	72.0	72.1	72.1	72.2	72.2
≥ 2000	64.2	71.5	72.4	72.9	73.2	73.3	73.6	73.7	73.8	73.8	73.9	74.0	74.0	74.1
≥ 1800	64.4	71.8	72.7	73.2	73.5	73.6	73.9	74.0	74.1	74.1	74.2	74.3	74.3	74.3
≥ 1500	65.6	73.4	74.3	74.8	75.4	75.5	75.8	76.0	76.0	76.1	76.2	76.2	76.3	76.3
≥ 1200	66.4	75.2	76.2	76.7	77.3	77.4	77.9	78.0	78.1	78.2	78.3	78.4	78.4	78.4
≥ 1000	67.3	76.9	78.0	78.8	79.6	79.7	80.2	80.4	80.5	80.6	80.7	80.8	80.8	80.8
≥ 900	67.5	77.3	78.6	79.5	80.3	80.4	80.9	81.1	81.2	81.3	81.4	81.4	81.5	81.5
≥ 800	67.8	78.3	79.7	80.7	81.6	81.8	82.3	82.5	82.7	82.8	82.9	83.0	83.0	83.1
≥ 700	68.1	79.3	81.0	82.1	83.2	83.4	83.8	84.2	84.4	84.5	84.6	84.7	84.8	84.8
≥ 600	68.3	80.2	82.3	83.8	85.1	85.3	85.8	86.2	86.4	86.7	86.8	86.9	87.0	87.0
≥ 500	68.4	80.9	83.2	85.0	86.6	87.0	87.5	88.1	88.4	88.8	88.8	89.0	89.1	89.1
≥ 400	68.4	81.1	83.7	85.9	87.9	88.2	89.0	90.1	90.4	90.9	90.9	91.1	91.3	91.4
≥ 300	68.4	81.4	84.0	86.4	88.7	89.3	90.7	92.3	92.8	93.6	93.8	94.0	94.4	94.4
≥ 200	68.4	81.5	84.1	86.6	89.0	89.6	91.1	93.0	93.5	94.7	95.3	96.1	96.8	96.9
≥ 100	68.4	81.6	84.2	86.7	89.1	89.6	91.2	93.1	93.7	95.0	95.7	96.9	97.2	98.8
≥ 0	68.4	81.6	84.2	86.7	89.1	89.6	91.2	93.1	93.7	95.0	95.7	97.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2463

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEAR

FEB

MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.3	50.3	50.5	50.6	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	56.2	61.2	61.5	61.6	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	56.6	61.7	61.9	62.1	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	57.1	62.1	62.4	62.5	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	57.5	62.6	62.8	63.0	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	59.4	64.7	65.1	65.2	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	61.0	66.6	66.9	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	61.5	67.2	67.5	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	62.5	68.2	68.5	68.7	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	63.5	69.3	69.7	69.8	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	64.0	69.8	70.3	70.4	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	64.8	70.7	71.1	71.3	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	65.0	70.9	71.4	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	65.2	71.1	71.6	71.8	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	65.8	71.8	72.3	72.5	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	67.2	73.4	73.9	74.0	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	68.4	75.0	75.5	75.7	76.1	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	69.9	76.9	77.6	77.8	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	70.7	77.9	78.5	78.7	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	72.1	79.8	80.5	80.9	81.3	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1200	73.2	81.9	82.8	83.3	83.8	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1000	73.7	83.5	84.4	85.0	85.6	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	74.0	84.3	85.3	86.0	86.7	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	74.3	85.3	86.4	87.3	88.1	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	74.4	86.0	87.4	88.4	89.2	89.4	90.0	90.4	90.5	90.7	90.9	90.9	90.9
≥ 600	74.6	86.5	88.2	89.2	90.2	90.5	91.1	91.5	91.6	92.0	92.2	92.2	92.2
≥ 500	74.7	86.9	88.8	90.1	91.5	91.9	92.7	93.5	93.6	94.1	94.4	94.4	94.4
≥ 400	74.7	87.4	89.4	90.7	92.3	92.8	93.9	94.8	94.9	95.5	95.8	95.9	95.9
≥ 300	74.7	87.4	89.5	90.9	92.6	93.2	94.6	95.8	96.0	96.9	97.3	97.4	97.4
≥ 200	74.7	87.4	89.6	91.0	92.8	93.4	94.9	96.3	96.4	97.7	98.2	98.4	98.4
≥ 100	74.7	87.4	89.6	91.0	92.8	93.4	95.0	96.3	96.5	97.8	98.4	98.5	98.5
≥ 0	74.7	87.4	89.6	91.0	92.8	93.4	95.0	96.3	96.5	97.8	98.5	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

2461

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-7-74 YEARS MONTH FEB 1800-2000 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	54.8	57.2	57.4	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	62.7	65.6	65.8	66.1	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	62.9	65.6	65.9	66.2	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 16000	63.0	65.8	66.0	66.3	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	64.1	66.9	67.2	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	65.3	68.1	68.4	68.7	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	67.0	70.0	70.3	70.6	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 9000	67.5	70.7	71.0	71.3	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	68.5	71.7	72.0	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 7000	69.2	72.5	72.9	73.2	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	70.1	73.6	73.9	74.2	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	71.2	74.8	75.2	75.4	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 4500	71.6	75.6	76.0	76.3	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	72.1	76.3	76.6	76.9	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	72.8	77.1	77.4	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	73.4	78.2	78.5	78.8	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2500	74.6	80.0	80.4	80.7	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 2000	76.1	81.8	82.3	82.6	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	76.5	82.6	83.1	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 1500	77.2	83.9	84.5	85.0	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 1200	77.8	85.3	85.9	86.3	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.3
≥ 1000	78.5	86.6	87.4	87.8	88.4	88.5	88.7	88.8	88.9	89.0	89.0	89.0	89.1
≥ 900	78.5	86.9	87.8	88.3	88.9	89.0	89.2	89.3	89.4	89.5	89.5	89.5	89.6
≥ 800	78.7	87.6	88.5	89.2	89.9	90.0	90.3	90.4	90.5	90.6	90.6	90.6	90.7
≥ 700	78.9	88.1	89.2	89.9	90.6	90.8	91.2	91.4	91.5	91.7	91.7	91.7	91.7
≥ 600	78.9	88.4	89.5	90.4	91.3	91.5	92.0	92.3	92.4	92.6	92.6	92.6	92.7
≥ 500	79.1	88.7	90.0	91.0	92.0	92.2	92.9	93.2	93.3	93.7	93.7	93.7	93.7
≥ 400	79.1	88.9	90.4	91.6	93.0	93.3	94.1	94.6	95.3	95.4	95.5	95.5	95.6
≥ 300	79.1	88.9	90.6	91.9	93.6	93.9	94.9	95.5	96.5	96.6	96.7	96.7	96.8
≥ 200	79.1	89.0	90.7	92.2	94.0	94.3	95.6	96.3	96.7	97.5	97.9	98.0	98.5
≥ 100	79.1	89.0	90.7	92.2	94.0	94.3	95.7	96.5	96.8	97.8	98.3	98.4	98.5
≥ 0	79.1	89.0	90.7	92.2	94.0	94.3	95.7	96.5	96.8	97.8	98.4	98.5	99.4

2459

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

FEB

MCN/HR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼		
NO CEILING	58.1	60.2	60.7	60.9	61.1	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.7
≥ 20000	62.6	64.9	65.4	65.6	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4	66.5
≥ 18000	62.6	64.9	65.4	65.6	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4	66.5
≥ 16000	62.8	65.1	65.6	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.6
≥ 14000	63.6	66.0	66.5	66.7	66.9	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.5	67.5
≥ 12000	64.5	66.9	67.4	67.6	67.9	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.4
≥ 10000	66.0	68.4	68.9	69.2	69.4	69.4	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.0
≥ 9000	66.3	68.8	69.3	69.6	69.8	69.8	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.4
≥ 8000	67.1	69.7	70.2	70.5	70.7	70.7	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.3
≥ 7000	67.7	70.4	70.9	71.1	71.4	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9	72.0
≥ 6000	68.4	71.1	71.6	71.8	72.0	72.0	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.7	72.7
≥ 5000	70.0	72.9	73.4	73.7	73.9	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.6
≥ 4500	70.7	73.6	74.2	74.4	74.7	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3
≥ 4000	71.6	74.6	75.2	75.5	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.4	76.4	76.4
≥ 3500	71.9	75.1	75.7	76.1	76.3	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.9	77.0	77.0
≥ 3000	72.6	76.0	76.6	77.0	77.2	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.9
≥ 2500	73.6	77.5	78.2	78.5	78.9	78.9	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.4	79.5	79.5
≥ 2000	74.9	78.9	79.7	80.0	80.4	80.4	80.7	80.8	80.8	80.8	80.9	80.9	80.9	81.1	81.1	81.1
≥ 1800	75.4	79.8	80.5	80.9	81.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9	82.0
≥ 1500	76.4	81.3	82.2	82.7	83.0	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.7	83.8
≥ 1200	77.4	82.8	83.7	84.3	84.8	84.9	85.2	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.8	85.8
≥ 1000	78.0	83.9	84.8	85.4	86.0	86.0	86.4	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.9	87.0
≥ 900	78.3	84.7	85.6	86.3	86.8	86.9	87.2	87.3	87.4	87.5	87.6	87.6	87.7	87.7	87.8	87.8
≥ 800	78.8	85.6	86.7	87.4	87.9	88.0	88.3	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.9	88.9
≥ 700	79.0	86.3	87.5	88.2	88.8	88.8	89.2	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.7	89.8
≥ 600	79.2	87.0	88.4	89.1	89.7	89.8	90.1	90.3	90.3	90.6	90.6	90.6	90.7	90.7	90.8	90.9
≥ 500	79.4	87.7	89.6	90.5	91.2	91.3	91.7	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.5	92.5
≥ 400	79.4	88.0	89.9	91.1	92.0	92.2	92.6	92.9	92.9	93.3	93.4	93.5	93.5	93.5	93.7	93.7
≥ 300	79.4	88.4	90.5	92.0	93.3	93.5	94.2	94.6	94.6	95.2	95.3	95.3	95.4	95.4	95.5	95.6
≥ 200	79.4	88.6	90.9	92.5	94.1	94.4	95.1	95.7	95.8	96.7	96.9	97.0	97.2	97.3	97.4	97.5
≥ 100	79.4	88.7	91.0	92.6	94.2	94.5	95.4	96.0	96.3	97.3	97.8	98.0	98.3	98.4	98.6	98.7
≥ 0	79.4	88.7	91.0	92.6	94.2	94.5	95.4	96.0	96.3	97.3	97.9	98.1	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2465

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OKLAHOMA CITY

43-45, 47-72

YEARS

MAR MONTH

0600-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	61.7	62.1	62.3	62.3	62.4	62.5	62.6	62.6	62.6	62.8	62.8	62.8
≥ 20000	64.0	66.6	67.0	67.2	67.2	67.3	67.3	67.5	67.5	67.6	67.7	67.7	67.7
≥ 18000	64.4	67.0	67.4	67.6	67.7	67.7	67.8	68.0	68.0	68.0	68.1	68.1	68.2
≥ 16000	64.8	67.3	67.7	67.9	68.0	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5
≥ 14000	65.6	68.2	68.6	68.8	68.9	68.9	69.0	69.2	69.2	69.2	69.3	69.3	69.4
≥ 12000	66.8	69.5	69.9	70.1	70.2	70.2	70.3	70.5	70.5	70.5	70.6	70.6	70.7
≥ 10000	68.3	71.1	71.6	71.7	71.8	71.8	71.9	72.1	72.1	72.1	72.3	72.3	72.3
≥ 9000	68.5	71.4	71.8	72.0	72.1	72.1	72.2	72.4	72.4	72.4	72.6	72.6	72.6
≥ 8000	69.4	72.4	72.9	73.1	73.2	73.2	73.3	73.5	73.5	73.5	73.6	73.6	73.6
≥ 7000	70.3	73.4	73.9	74.0	74.1	74.2	74.2	74.4	74.4	74.5	74.6	74.6	74.6
≥ 6000	70.8	74.0	74.5	74.7	74.8	74.8	74.9	75.1	75.1	75.1	75.2	75.2	75.2
≥ 5000	72.3	75.6	76.1	76.3	76.4	76.4	76.5	76.7	76.7	76.7	76.8	76.8	76.8
≥ 4500	73.1	76.7	77.2	77.4	77.5	77.5	77.6	77.8	77.8	77.9	77.9	77.9	78.0
≥ 4000	73.7	77.5	78.0	78.2	78.2	78.3	78.3	78.5	78.5	78.6	78.7	78.7	78.7
≥ 3500	74.3	78.2	78.6	78.8	78.9	78.9	79.0	79.2	79.2	79.3	79.4	79.4	79.4
≥ 3000	75.4	79.5	80.0	80.2	80.3	80.3	80.4	80.6	80.6	80.6	80.8	80.8	80.8
≥ 2500	76.1	80.4	80.9	81.2	81.3	81.3	81.4	81.6	81.6	81.7	81.8	81.8	81.8
≥ 2000	77.7	82.3	82.9	83.1	83.2	83.3	83.4	83.6	83.6	83.7	83.8	83.8	83.8
≥ 1800	78.2	83.1	83.6	83.9	84.0	84.0	84.3	84.5	84.5	84.5	84.6	84.6	84.6
≥ 1500	79.8	85.1	85.7	85.9	86.1	86.2	86.4	86.6	86.6	86.6	86.7	86.7	86.8
≥ 1200	80.9	86.7	87.3	87.6	87.8	87.9	88.1	88.3	88.3	88.4	88.5	88.5	88.5
≥ 1000	81.5	87.8	88.4	88.8	89.0	89.0	89.3	89.5	89.5	89.6	89.7	89.7	89.7
≥ 900	82.2	88.7	89.4	89.7	89.9	90.0	90.2	90.5	90.5	90.5	90.6	90.6	90.7
≥ 800	82.8	89.4	90.1	90.5	90.7	90.8	91.1	91.3	91.3	91.3	91.5	91.5	91.5
≥ 700	83.3	90.3	91.1	91.6	91.9	91.9	92.2	92.5	92.6	92.7	92.8	92.8	92.8
≥ 600	83.4	90.8	91.8	92.3	92.6	92.7	93.0	93.3	93.4	93.4	93.6	93.6	93.6
≥ 500	83.6	91.4	92.5	93.1	93.5	93.6	94.0	94.3	94.4	94.5	94.6	94.6	94.7
≥ 400	83.7	91.8	93.1	93.8	94.2	94.4	95.0	95.3	95.4	95.6	95.8	95.8	95.8
≥ 300	83.7	91.9	93.4	94.2	94.8	95.1	95.7	96.2	96.3	96.6	96.9	96.9	96.9
≥ 200	83.7	92.0	93.5	94.4	95.2	95.6	96.5	97.2	97.4	97.9	98.2	98.3	98.4
≥ 100	83.7	92.0	93.5	94.4	95.2	95.6	96.6	97.3	97.4	98.1	98.5	98.8	98.9
≥ 0	83.7	92.0	93.5	94.4	95.2	95.6	96.6	97.3	97.5	98.1	98.5	98.9	99.4

2682

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

MAR MONTH

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.7	59.0	59.4	59.6	59.9	60.1	60.1	60.2	60.2	60.4	60.4	60.4	60.4	60.5
≥ 20000	60.7	63.2	63.6	63.8	64.2	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.8
≥ 18000	61.0	63.4	63.9	64.1	64.5	64.7	64.7	64.8	64.8	64.9	65.0	65.0	65.0	65.1
≥ 16000	61.2	63.6	64.1	64.3	64.7	64.9	64.9	65.0	65.0	65.1	65.2	65.2	65.2	65.3
≥ 14000	61.9	64.3	64.8	65.0	65.4	65.5	65.6	65.7	65.7	65.8	65.8	65.8	65.8	66.0
≥ 12000	63.1	65.5	66.0	66.2	66.6	66.8	66.8	66.9	66.9	67.0	67.1	67.1	67.1	67.2
≥ 10000	65.0	67.5	67.9	68.2	68.5	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.1
≥ 9000	65.5	68.0	68.5	68.7	69.1	69.3	69.3	69.4	69.4	69.5	69.6	69.6	69.6	69.7
≥ 8000	66.4	69.1	69.6	69.8	70.2	70.4	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.8
≥ 7000	67.2	69.9	70.4	70.6	71.0	71.2	71.2	71.3	71.3	71.5	71.5	71.5	71.5	71.6
≥ 6000	67.9	70.6	71.1	71.4	71.7	71.9	72.0	72.1	72.1	72.2	72.3	72.3	72.3	72.4
≥ 5000	69.0	71.9	72.4	72.7	73.1	73.3	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.7
≥ 4500	69.8	73.2	73.8	74.1	74.5	74.6	74.7	74.8	74.8	75.0	75.0	75.0	75.0	75.1
≥ 4000	70.4	74.0	74.6	74.9	75.3	75.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75.9
≥ 3500	71.7	74.3	74.9	75.2	75.6	75.8	75.9	75.9	76.0	76.1	76.2	76.2	76.2	76.3
≥ 3000	71.7	75.4	76.1	76.4	76.8	77.0	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.5
≥ 2500	72.7	76.8	77.5	77.9	78.3	78.5	78.6	78.7	78.7	78.8	78.9	78.9	78.9	79.0
≥ 2000	74.3	78.7	79.4	79.8	80.2	80.4	80.5	80.6	80.6	80.7	80.8	80.8	80.8	80.9
≥ 1800	74.9	79.3	80.0	80.4	80.8	81.0	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.5
≥ 1500	76.4	81.0	81.9	82.2	82.8	83.0	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.5
≥ 1200	78.6	83.8	84.7	85.0	85.5	85.8	85.9	86.0	86.0	86.2	86.3	86.3	86.3	86.4
≥ 1000	79.5	85.2	86.1	86.5	87.0	87.3	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.9
≥ 900	80.1	86.0	86.9	87.3	87.8	88.0	88.1	88.2	88.3	88.5	88.5	88.6	88.6	88.7
≥ 800	80.6	87.3	88.4	88.8	89.4	89.6	89.7	89.8	89.9	90.1	90.2	90.2	90.2	90.4
≥ 700	81.2	88.3	89.6	90.2	90.8	91.1	91.2	91.4	91.4	91.6	91.7	91.7	91.8	91.9
≥ 600	81.5	89.2	90.6	91.3	92.0	92.3	92.4	92.6	92.6	92.8	92.9	93.0	93.0	93.1
≥ 500	81.6	89.6	91.1	92.1	93.0	93.3	93.6	93.8	93.8	94.0	94.1	94.2	94.2	94.3
≥ 400	81.9	90.1	91.9	93.1	94.1	94.5	95.0	95.3	95.3	95.6	95.6	95.7	95.8	95.9
≥ 300	82.0	90.4	92.3	93.6	94.7	95.0	95.8	96.2	96.3	96.6	96.7	96.8	96.8	96.9
≥ 200	82.0	90.4	92.3	93.8	94.9	95.3	96.3	96.8	96.9	97.4	97.7	97.8	97.9	98.1
≥ 100	82.0	90.4	92.4	93.9	95.0	95.4	96.5	97.0	97.1	97.8	98.2	98.2	98.5	98.8
≥ 0	82.0	90.4	92.4	93.9	95.0	95.4	96.5	97.0	97.1	97.8	98.2	98.2	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS

2685

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45,47-72 YEARS

MAR MONTH

0600-0800 HOURS (11-11)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	48.0	51.6	52.2	52.8	53.0	53.1	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.9	54.0
≥ 20000	53.4	57.6	58.2	58.9	59.1	59.1	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.9	60.1
≥ 18000	53.6	57.7	58.4	59.0	59.2	59.3	59.6	59.7	59.7	59.9	59.9	59.9	59.9	60.1	60.3
≥ 16000	53.8	57.9	58.6	59.3	59.4	59.5	59.8	59.9	59.9	60.1	60.1	60.1	60.1	60.3	60.5
≥ 14000	54.9	59.1	59.8	60.4	60.6	60.7	61.0	61.1	61.1	61.3	61.3	61.3	61.3	61.5	61.7
≥ 12000	56.2	60.6	61.3	62.0	62.2	62.2	62.5	62.7	62.7	62.8	62.8	62.9	62.9	63.0	63.2
≥ 10000	58.1	62.6	63.3	64.0	64.2	64.3	64.6	64.8	64.8	64.9	64.9	65.0	65.0	65.1	65.3
≥ 9000	58.5	63.0	63.7	64.5	64.6	64.8	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.5	65.7
≥ 8000	59.4	64.1	64.8	65.5	65.7	65.8	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.7	66.9
≥ 7000	60.4	65.2	66.0	66.7	66.9	67.0	67.3	67.5	67.5	67.6	67.6	67.7	67.7	67.8	68.0
≥ 6000	61.2	66.1	66.9	67.6	67.8	67.9	68.2	68.4	68.4	68.5	68.5	68.6	68.6	68.7	68.9
≥ 5000	62.3	67.8	68.5	69.2	69.4	69.5	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.4	70.6
≥ 4500	62.7	68.5	69.3	70.0	70.3	70.6	70.6	70.7	70.7	70.9	70.9	71.0	71.0	71.1	71.3
≥ 4000	63.0	68.8	69.6	70.3	70.5	70.6	70.9	71.1	71.1	71.3	71.3	71.3	71.3	71.5	71.7
≥ 3500	63.7	69.7	70.4	71.2	71.4	71.5	71.9	72.1	72.1	72.2	72.2	72.3	72.3	72.4	72.6
≥ 3000	64.4	70.6	71.4	72.1	72.4	72.5	73.0	73.1	73.1	73.3	73.3	73.4	73.4	73.6	73.7
≥ 2500	65.4	71.8	72.7	73.4	73.7	73.9	74.3	74.5	74.5	74.7	74.7	74.8	74.8	74.9	75.1
≥ 2000	66.6	73.6	74.5	75.2	75.6	75.8	76.2	76.4	76.4	76.6	76.6	76.7	76.7	76.8	77.0
≥ 1800	67.2	74.2	75.1	75.8	76.2	76.4	76.9	77.1	77.1	77.3	77.3	77.3	77.3	77.5	77.7
≥ 1500	68.4	75.9	76.8	77.6	78.1	78.3	78.8	79.0	79.0	79.2	79.2	79.3	79.3	79.5	79.7
≥ 1200	70.2	78.6	79.6	80.5	81.1	81.3	82.0	82.2	82.2	82.4	82.4	82.5	82.5	82.7	82.9
≥ 1000	71.5	80.6	81.7	82.7	83.5	83.7	84.5	84.7	84.8	84.9	84.9	85.1	85.1	85.2	85.4
≥ 900	71.7	81.6	82.8	83.9	84.8	85.0	85.7	86.0	86.0	86.2	86.2	86.3	86.4	86.5	86.7
≥ 800	72.1	82.4	83.6	84.8	85.8	86.1	86.9	87.2	87.2	87.5	87.5	87.6	87.6	87.8	88.0
≥ 700	72.6	83.4	84.9	86.3	87.4	87.7	88.5	88.8	88.8	89.1	89.1	89.3	89.3	89.4	89.6
≥ 600	72.9	84.3	86.0	87.6	88.8	89.1	90.1	90.4	90.5	90.8	90.9	91.0	91.0	91.3	91.5
≥ 500	73.1	84.9	86.6	88.7	90.2	90.5	91.9	92.4	92.5	93.0	93.0	93.2	93.3	93.5	93.7
≥ 400	73.2	85.3	87.2	89.4	91.1	91.5	93.2	93.8	93.9	94.5	94.5	94.8	94.8	95.0	95.2
≥ 300	73.3	85.7	87.7	89.9	91.8	92.2	94.1	95.1	95.2	96.0	96.2	96.2	96.6	96.8	97.0
≥ 200	73.3	85.7	87.8	90.0	92.0	92.5	94.6	95.6	95.7	96.7	97.0	97.1	97.4	97.9	98.1
≥ 100	73.3	85.7	87.8	90.0	92.0	92.5	94.6	95.7	95.8	96.9	97.2	97.3	97.8	98.8	99.1
≥ 0	73.3	85.7	87.8	90.0	92.0	92.5	94.6	95.7	95.8	96.9	97.2	97.3	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2670

20 +

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAR HOURS (LST) 0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.5	48.8	49.1	49.3	49.3	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6
≥ 20000	52.5	57.3	57.7	57.8	57.9	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 18000	52.6	57.5	57.8	58.0	58.0	58.0	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4
≥ 16000	53.0	57.9	58.2	58.4	58.4	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 14000	54.2	59.2	59.6	59.8	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 12000	55.6	60.7	61.1	61.2	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 10000	57.0	62.3	62.7	62.8	63.0	63.0	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4
≥ 9000	57.6	63.0	63.3	63.5	63.6	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 8000	58.3	63.8	64.1	64.3	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9
≥ 7000	59.1	64.7	65.1	65.2	65.4	65.4	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 6000	59.7	65.6	65.9	66.1	66.3	66.3	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 5000	60.7	67.0	67.3	67.5	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 4500	61.0	67.4	67.7	67.9	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5
≥ 4000	61.4	68.0	68.3	68.5	68.7	68.7	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2
≥ 3500	62.0	68.7	69.1	69.3	69.4	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9
≥ 3000	63.0	70.2	70.6	70.8	71.1	71.1	71.3	71.5	71.5	71.5	71.5	71.6	71.6	71.6
≥ 2500	64.1	71.7	72.2	72.5	72.7	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2
≥ 2000	65.5	73.7	74.2	74.5	74.8	74.8	75.0	75.2	75.3	75.3	75.3	75.4	75.4	75.4
≥ 1800	65.9	74.5	75.0	75.3	75.6	75.6	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2
≥ 1500	67.6	77.0	77.7	78.1	78.4	78.5	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 1200	69.3	79.9	80.7	81.6	81.6	81.7	81.9	82.1	82.2	82.2	82.2	82.3	82.3	82.3
≥ 1000	70.5	82.5	83.4	84.0	84.4	84.5	84.8	85.1	85.1	85.2	85.3	85.4	85.4	85.4
≥ 900	70.9	83.3	84.3	85.0	85.6	85.6	86.0	86.4	86.4	86.5	86.7	86.7	86.7	86.7
≥ 800	71.4	84.7	86.0	86.7	87.5	87.6	88.1	88.5	88.6	88.7	88.9	89.0	89.0	89.0
≥ 700	71.6	85.4	86.7	87.5	88.4	88.6	89.2	89.6	89.7	89.9	90.1	90.2	90.2	90.2
≥ 600	71.7	86.2	87.6	88.6	89.7	89.9	90.6	91.1	91.3	91.5	91.7	91.8	91.8	91.8
≥ 500	71.8	87.0	88.6	90.1	91.2	91.5	92.4	93.0	93.2	93.6	93.8	93.9	94.0	94.0
≥ 400	71.9	87.4	89.3	90.9	92.4	92.7	94.0	94.7	95.0	95.4	95.8	95.9	96.0	96.1
≥ 300	72.1	87.7	89.7	91.4	93.0	93.4	94.8	95.8	96.2	97.0	97.4	97.5	97.8	97.8
≥ 200	72.1	87.7	89.7	91.4	93.1	93.6	95.0	96.1	96.4	97.5	98.1	98.2	98.5	98.7
≥ 100	72.1	87.7	89.7	91.4	93.1	93.6	95.0	96.1	96.5	97.7	98.4	98.6	99.0	99.7
≥ 0	72.1	87.7	89.7	91.4	93.1	93.6	95.0	96.1	96.5	97.7	98.4	98.6	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MAR 1800-2000 (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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	57.4	57.7	58.0	58.2	58.3	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 20000	62.6	66.7	67.0	67.4	67.6	67.7	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 18000	62.9	67.0	67.4	67.7	68.0	68.0	68.3	68.3	68.3	68.3	68.4	68.4	68.5	68.5
≥ 16000	63.5	67.6	67.9	68.3	68.5	68.6	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0
≥ 14000	64.2	68.4	68.7	69.1	69.3	69.3	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 12000	65.1	69.4	69.7	70.1	70.3	70.3	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 10000	67.1	71.7	72.0	72.4	72.6	72.7	72.9	73.0	73.0	73.0	73.1	73.2	73.2	73.2
≥ 9000	67.5	72.1	72.4	72.8	73.0	73.0	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5
≥ 8000	68.4	73.2	73.6	73.9	74.2	74.2	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 7000	69.2	74.3	74.7	75.1	75.3	75.4	75.6	75.7	75.7	75.7	75.8	75.9	75.9	75.9
≥ 6000	70.0	75.1	75.6	75.9	76.2	76.2	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 5000	71.0	76.4	76.8	77.2	77.5	77.5	77.8	77.8	77.8	77.8	77.9	78.0	78.0	78.0
≥ 4500	71.8	77.3	77.8	78.2	78.5	78.5	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0
≥ 4000	72.6	78.3	78.8	79.2	79.4	79.5	79.7	79.8	79.8	79.8	79.9	80.0	80.0	80.0
≥ 3500	73.2	79.0	79.4	79.9	80.2	80.2	80.5	80.5	80.5	80.5	80.6	80.7	80.7	80.7
≥ 3000	74.3	80.6	81.1	81.6	81.8	81.9	82.1	82.2	82.2	82.2	82.3	82.4	82.4	82.4
≥ 2500	75.6	82.0	83.1	83.6	83.8	83.9	84.1	84.2	84.2	84.2	84.3	84.4	84.4	84.4
≥ 2000	76.8	84.3	84.9	85.4	85.7	85.7	86.0	86.0	86.0	86.0	86.1	86.2	86.2	86.2
≥ 1800	76.9	84.8	85.4	85.8	86.1	86.2	86.4	86.5	86.5	86.5	86.6	86.7	86.7	86.7
≥ 1500	77.9	86.1	86.9	87.4	87.7	87.7	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1200	78.7	87.5	88.4	88.9	89.3	89.4	89.7	89.8	89.8	89.8	89.9	90.0	90.0	90.0
≥ 1000	79.3	88.8	89.8	90.4	90.8	90.9	91.3	91.5	91.5	91.5	91.6	91.7	91.7	91.7
≥ 900	79.3	89.3	90.3	91.0	91.4	91.5	91.9	92.1	92.1	92.1	92.2	92.3	92.3	92.3
≥ 800	79.6	89.8	90.9	91.7	92.1	92.2	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.1
≥ 700	79.7	90.5	91.7	92.5	93.0	93.1	93.6	93.8	93.8	93.8	94.0	94.0	94.0	94.1
≥ 600	79.9	90.9	92.1	93.1	93.8	93.9	94.5	94.7	94.8	94.9	95.1	95.1	95.1	95.2
≥ 500	79.9	91.1	92.4	93.4	94.2	94.3	95.0	95.3	95.4	95.5	95.8	95.9	95.9	96.0
≥ 400	80.0	91.5	93.1	94.2	95.2	95.4	96.2	96.6	96.6	96.8	97.0	97.2	97.2	97.3
≥ 300	80.1	91.8	93.4	94.5	95.5	95.8	96.9	97.4	97.5	97.9	98.1	98.4	98.4	98.5
≥ 200	80.1	91.8	93.4	94.6	95.6	95.8	96.9	97.5	97.5	98.1	98.5	98.7	98.7	99.0
≥ 100	80.1	91.8	93.4	94.6	95.7	95.9	97.0	97.6	97.6	98.2	98.7	99.1	99.2	99.6
≥ C	80.1	91.8	93.4	94.6	95.7	95.9	97.0	97.6	97.6	98.2	98.7	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2671

20 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

MAR

MONTH

2100-2300

HOURE (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	62.6	63.0	63.3	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8
≥ 20000	65.1	67.9	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3
≥ 18000	65.5	68.3	68.6	69.0	69.3	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6
≥ 16000	65.9	68.7	69.1	69.5	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1
≥ 14000	66.5	69.3	69.8	70.2	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8
≥ 12000	67.4	70.2	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.7	71.7
≥ 10000	69.0	72.1	72.5	72.9	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5
≥ 9000	69.4	72.5	73.0	73.4	73.7	73.7	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0
≥ 8000	70.4	73.6	74.1	74.4	74.8	74.8	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1
≥ 7000	71.0	74.3	74.8	75.1	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8
≥ 6000	71.8	75.1	75.6	76.0	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.7	76.7
≥ 5000	73.0	76.6	77.1	77.5	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.2	78.2
≥ 4500	73.9	77.6	78.1	78.5	78.8	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1
≥ 4000	74.3	78.2	78.7	79.1	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.7	79.8	79.8
≥ 3500	74.9	79.1	79.7	80.1	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.8	80.8
≥ 3000	76.1	80.6	81.2	81.7	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4
≥ 2500	77.8	82.6	83.3	83.7	84.1	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.5	84.5	84.5
≥ 2000	80.1	85.3	86.0	86.5	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.3	87.3
≥ 1800	80.4	85.7	86.4	86.9	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.7	87.7
≥ 1500	81.2	86.8	87.5	88.0	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8
≥ 1200	82.0	87.9	88.7	89.3	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.2	90.2
≥ 1000	82.6	89.0	89.8	90.5	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.4	91.4
≥ 900	82.8	89.5	90.5	91.3	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.3	92.3
≥ 800	83.1	90.3	91.2	92.1	92.5	92.5	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.2	93.2
≥ 700	83.3	90.9	91.9	92.7	93.3	93.3	93.6	93.6	93.6	93.9	93.9	93.9	94.1	94.1	94.1
≥ 600	83.4	91.2	92.2	93.2	93.9	93.9	94.2	94.3	94.3	94.6	94.6	94.6	94.8	94.8	94.8
≥ 500	83.5	91.8	92.9	93.7	94.7	94.8	95.3	95.4	95.4	95.8	95.8	95.8	96.0	96.1	96.1
≥ 400	83.5	92.0	93.2	94.3	95.3	95.3	95.8	95.9	95.9	96.3	96.3	96.3	96.6	96.7	96.7
≥ 300	83.5	92.1	93.3	94.6	95.6	95.6	96.2	96.4	96.4	97.0	97.1	97.1	97.3	97.4	97.4
≥ 200	83.6	92.3	93.5	94.7	95.9	95.9	96.8	97.2	97.4	98.1	98.3	98.3	98.5	98.6	98.7
≥ 100	83.6	92.3	93.5	94.7	95.9	95.9	96.9	97.4	97.5	98.2	98.6	98.7	99.0	99.2	99.3
≥ 0	83.6	92.3	93.5	94.7	95.9	95.9	96.9	97.4	97.5	98.2	98.6	98.7	99.0	99.3	99.4

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR 0000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	57.1	60.2	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 20000	64.5	66.9	67.0	67.1	67.2	67.2	67.2	67.4	67.4	67.5	67.5	67.6	67.6	67.6
≥ 18000	64.8	67.1	67.2	67.3	67.4	67.4	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8
≥ 16000	65.1	67.2	67.3	67.5	67.5	67.5	67.6	67.8	67.8	67.9	67.9	68.0	68.0	68.0
≥ 14000	65.1	68.0	68.1	68.2	68.3	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7
≥ 12000	67.2	69.5	69.5	69.7	69.7	69.7	69.8	70.0	70.1	70.1	70.2	70.2	70.2	70.2
≥ 10000	69.6	72.0	72.1	72.2	72.2	72.2	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7
≥ 9000	70.2	72.7	72.8	72.9	73.0	73.0	73.1	73.3	73.4	73.4	73.4	73.4	73.5	73.5
≥ 8000	70.9	73.5	73.6	73.7	73.8	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.3	74.3
≥ 7000	72.4	75.3	75.4	75.5	75.6	75.6	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1
≥ 6000	73.5	76.5	76.6	76.7	76.8	76.8	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.3
≥ 5000	75.2	78.2	78.3	78.4	78.5	78.5	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.0
≥ 4500	75.9	79.0	79.1	79.2	79.3	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8
≥ 4000	76.6	79.7	79.8	80.0	80.1	80.1	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5
≥ 3500	77.5	80.8	80.9	81.1	81.2	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6
≥ 3000	79.0	82.5	82.7	82.8	82.9	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.4	83.4
≥ 2500	79.9	83.6	83.7	84.0	84.1	84.1	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6
≥ 2000	81.6	85.7	85.9	86.1	86.2	86.2	86.4	86.6	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1800	82.1	86.1	86.3	86.5	86.7	86.7	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2
≥ 1500	83.8	88.1	88.4	88.6	88.8	88.8	89.0	89.2	89.2	89.3	89.3	89.3	89.4	89.4
≥ 1200	85.4	90.1	90.4	90.6	90.8	90.8	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.4
≥ 1000	86.4	91.5	91.8	92.1	92.3	92.3	92.5	92.7	92.8	92.8	92.8	92.8	92.9	92.9
≥ 900	86.6	92.0	92.4	92.6	92.8	92.8	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 800	86.7	92.3	92.8	93.1	93.3	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 700	87.2	93.2	93.7	94.1	94.3	94.3	94.5	94.7	94.8	94.9	94.9	94.9	94.9	95.0
≥ 600	87.6	93.8	94.3	94.8	95.0	95.0	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7
≥ 500	87.8	94.4	94.9	95.4	95.8	95.8	96.1	96.3	96.5	96.5	96.5	96.5	96.6	96.6
≥ 400	88.0	95.0	95.5	96.1	96.6	96.6	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.5
≥ 300	88.0	95.3	95.9	96.6	97.2	97.3	97.7	98.0	98.1	98.3	98.3	98.3	98.4	98.4
≥ 200	88.2	95.5	96.3	97.3	98.0	98.1	98.5	98.9	99.0	99.3	99.3	99.3	99.4	99.4
≥ 100	88.2	95.5	96.3	97.3	98.0	98.1	98.7	99.1	99.4	99.6	99.6	99.7	99.8	99.8
≥ 0	88.2	95.5	96.3	97.3	98.0	98.1	98.7	99.1	99.4	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2594

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

13919 STATION
 TINKER AFB OK/OKLAHOMA CITY
 43-45,47-72 YEARS
 APR MONTH
 0300-0500 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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.3	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6
≥ 20000	60.4	62.3	62.5	62.7	62.7	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0
≥ 18000	60.6	62.5	62.7	62.9	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 16000	60.8	62.7	63.0	63.1	63.1	63.1	63.2	63.3	63.3	63.4	63.4	63.5	63.5	63.5	63.5
≥ 14000	61.5	63.4	63.6	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2
≥ 12000	62.6	64.5	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3
≥ 10000	65.3	67.3	67.5	67.7	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2
≥ 9000	66.1	68.2	68.5	68.6	68.7	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1
≥ 8000	66.8	69.2	69.5	69.6	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1
≥ 7000	68.2	70.7	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.7	71.7
≥ 6000	69.2	71.9	72.2	72.4	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.9	72.9
≥ 5000	70.5	73.3	73.7	73.8	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4
≥ 4500	71.1	73.9	74.4	74.6	74.7	74.7	74.8	74.9	74.9	74.9	75.0	75.1	75.1	75.1	75.1
≥ 4000	72.1	75.2	75.7	75.9	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4
≥ 3500	72.7	75.9	76.4	76.6	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3
≥ 3000	74.1	77.4	78.0	78.2	78.3	78.3	78.5	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9
≥ 2500	75.1	78.5	79.1	79.3	79.5	79.5	79.8	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1
≥ 2000	76.8	80.6	81.3	81.5	81.7	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4
≥ 1800	77.4	81.2	81.8	82.2	82.4	82.4	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0
≥ 1500	79.2	83.4	84.2	84.5	84.7	84.8	85.0	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4
≥ 1200	81.5	86.1	87.0	87.4	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.3	88.3	88.4	88.4
≥ 1000	83.3	88.6	89.6	90.0	90.3	90.3	90.6	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0
≥ 900	83.8	89.3	90.3	90.7	91.0	91.0	91.1	91.3	91.5	91.5	91.6	91.6	91.7	91.8	91.8
≥ 800	84.5	90.2	91.4	91.8	92.1	92.2	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9
≥ 700	85.0	91.0	92.1	92.5	92.9	92.9	93.2	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6
≥ 600	85.4	91.0	92.9	93.3	93.8	93.8	94.3	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 500	85.8	92.5	93.7	94.1	94.7	94.7	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 400	85.9	93.0	94.3	94.8	95.6	95.6	96.2	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.7
≥ 300	85.9	93.3	94.8	95.4	96.3	96.3	97.1	97.3	97.4	97.4	97.6	97.7	97.8	97.9	97.9
≥ 200	85.9	93.4	94.9	95.6	96.6	96.6	97.5	97.7	97.8	98.3	98.3	98.4	98.5	98.5	98.6
≥ 100	85.9	93.4	94.9	95.6	96.6	96.6	97.5	97.8	97.9	98.5	98.6	98.8	98.8	99.1	99.2
≥ 0	85.9	93.4	94.9	95.6	96.6	96.6	97.5	97.8	97.9	98.5	98.6	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2594

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS APR MONTH 0600-0800 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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.3	47.3	47.8	48.1	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.6
≥ 20000	50.4	55.2	55.8	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.6	56.7
≥ 18000	50.6	55.3	55.9	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.8	56.9
≥ 16000	50.9	55.7	56.2	56.5	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.2
≥ 14000	51.9	56.8	57.4	57.7	57.8	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.4
≥ 12000	52.8	57.7	58.2	58.5	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.2
≥ 10000	55.0	60.5	61.1	61.4	61.6	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.1
≥ 9000	55.7	61.4	62.0	62.3	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.9	63.0
≥ 8000	56.7	62.8	63.3	63.7	63.9	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.4
≥ 7000	58.2	64.5	65.1	65.5	65.7	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.2	66.3
≥ 6000	59.2	65.8	66.5	66.8	67.0	67.0	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.7
≥ 5000	61.1	67.9	68.7	69.1	69.4	69.4	69.6	69.7	69.7	69.8	69.8	69.9	69.9	69.9	70.1
≥ 4500	61.7	68.6	69.5	69.9	70.3	70.3	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.8	70.9
≥ 4000	62.5	69.9	70.7	71.2	71.6	71.6	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.3
≥ 3500	63.2	70.8	71.7	72.1	72.6	72.6	72.8	72.8	72.9	73.0	73.1	73.1	73.1	73.2	73.3
≥ 3000	64.1	72.1	73.0	73.5	74.0	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.7
≥ 2500	65.3	73.5	74.5	75.0	75.5	75.5	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.3
≥ 2000	67.1	75.8	76.8	77.4	77.9	78.0	78.2	78.2	78.3	78.4	78.5	78.5	78.5	78.6	78.7
≥ 1800	67.5	76.4	77.5	78.1	78.6	78.7	78.9	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.4
≥ 1500	69.5	78.8	80.1	80.7	81.3	81.3	81.6	81.6	81.7	81.8	81.9	81.9	81.9	82.0	82.1
≥ 1200	71.7	81.9	83.2	84.0	84.6	84.6	84.9	84.9	85.0	85.2	85.3	85.3	85.3	85.4	85.5
≥ 1000	73.3	84.4	86.0	86.8	87.3	87.4	87.8	87.8	87.9	88.1	88.2	88.2	88.2	88.3	88.4
≥ 900	73.8	84.9	86.6	87.4	88.0	88.1	88.4	88.5	88.6	88.7	88.8	88.8	88.8	88.9	89.0
≥ 800	74.5	86.5	88.3	89.1	89.7	89.8	90.2	90.3	90.4	90.5	90.6	90.7	90.7	90.7	90.9
≥ 700	75.0	87.5	89.4	90.5	91.1	91.2	91.6	91.7	91.8	91.9	92.0	92.0	92.0	92.1	92.2
≥ 600	75.3	88.4	90.5	91.7	92.6	92.7	93.2	93.2	93.4	93.5	93.6	93.6	93.6	93.7	93.8
≥ 500	75.6	89.1	91.4	92.7	93.6	93.8	94.2	94.4	94.5	94.7	94.8	94.8	94.8	94.9	95.0
≥ 400	75.8	89.6	92.0	93.6	94.8	95.1	95.6	95.9	96.1	96.4	96.5	96.5	96.5	96.6	96.8
≥ 300	75.9	89.8	92.3	93.9	95.3	95.6	96.4	96.8	97.0	97.6	97.7	97.8	97.8	97.9	98.0
≥ 200	75.9	89.9	92.4	94.1	95.5	95.8	96.7	97.3	97.5	98.1	98.3	98.4	98.8	99.0	99.2
≥ 100	75.9	89.9	92.4	94.1	95.5	95.9	96.7	97.3	97.6	98.3	98.6	98.8	99.2	99.5	99.7
≥ 0	75.9	89.9	92.4	94.1	95.5	95.9	96.7	97.3	97.6	98.3	98.6	98.6	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2591

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME: TINKER AFB OK/OKLAHOMA CITY YEARS: 43-45, 47-72 MONTH: APR HOURS (LST): 0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.1	47.8	48.0	48.0	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	52.9	56.6	56.8	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	53.0	56.7	56.9	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	53.5	57.3	57.5	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	54.7	58.7	59.0	59.0	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	55.8	59.9	60.1	60.2	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	58.1	62.8	63.1	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	58.6	63.4	63.7	63.7	63.8	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
8000	59.6	64.6	64.9	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	60.6	65.8	66.1	66.2	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
6000	61.4	66.9	67.2	67.4	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
5000	62.4	68.2	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
4500	63.0	69.0	69.3	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	63.6	69.7	70.0	70.3	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
3500	64.1	70.3	70.6	70.9	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
3000	65.6	72.1	72.5	72.9	73.0	73.0	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
2500	67.9	74.9	75.3	75.7	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	70.3	78.0	78.4	78.8	78.9	79.0	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
1800	71.1	79.3	79.7	80.1	80.2	80.3	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
1500	73.6	82.7	83.1	83.5	83.7	83.7	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3
1200	76.2	86.5	87.0	87.5	87.7	87.7	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 1000	77.3	88.9	89.6	90.0	90.3	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
900	77.6	89.9	90.7	91.2	91.5	91.6	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2
800	78.3	91.3	92.4	92.9	93.2	93.2	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
700	78.5	91.8	92.9	93.5	93.9	93.9	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
600	78.9	92.7	93.9	94.6	94.9	95.0	95.6	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
500	79.1	93.2	94.4	95.3	95.8	95.9	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9
400	79.2	93.5	94.9	95.9	96.5	96.6	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
300	79.2	93.7	95.2	96.4	97.2	97.3	98.2	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3
200	79.2	93.8	95.3	96.5	97.3	97.4	98.5	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6
100	79.2	93.8	95.3	96.5	97.3	97.4	98.5	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6
0	79.2	93.8	95.3	96.5	97.3	97.4	98.5	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

2592

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR 1200-1400 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	50.2	50.3	50.5	50.6	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	57.6	60.1	60.3	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	58.0	60.5	60.7	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	58.0	60.6	60.8	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	59.1	61.9	62.1	62.3	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	60.7	63.5	63.6	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	62.5	65.8	66.0	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	62.8	66.2	66.5	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	63.8	67.3	67.5	67.8	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	64.8	68.6	68.9	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	65.6	69.5	69.8	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	66.9	71.2	71.5	71.8	72.0	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	67.6	72.0	72.3	72.6	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	68.4	73.0	73.3	73.7	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	69.8	74.5	74.8	75.2	75.5	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	73.5	78.5	78.8	79.2	79.5	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	76.1	81.7	82.0	82.4	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	79.4	86.0	86.3	86.8	87.1	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	80.6	87.5	87.8	88.3	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	82.0	89.9	90.3	90.8	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	83.2	92.3	92.8	93.3	93.7	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	83.7	93.1	93.7	94.3	94.6	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	83.9	93.9	94.5	95.1	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	84.2	94.5	95.1	95.8	96.1	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	84.4	94.8	95.5	96.1	96.6	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	84.4	95.3	96.1	96.7	97.3	97.4	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	84.4	95.6	96.5	97.2	97.8	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	84.4	95.8	96.8	97.6	98.3	98.4	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 300	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2591

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

APR MONTH

1500-1700 HOURS (LS T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.8	50.7	50.9	51.0	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4
≥ 20000	61.5	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2
≥ 18000	61.9	64.9	65.0	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5
≥ 16000	62.1	65.1	65.2	65.4	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
≥ 14000	62.8	65.8	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5
≥ 12000	63.7	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5
≥ 10000	65.8	69.2	69.4	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9
≥ 9000	66.3	69.8	70.1	70.3	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
≥ 8000	67.4	71.4	71.6	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 7000	68.8	72.8	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6
≥ 6000	69.8	74.0	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7
≥ 5000	71.0	75.4	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3
≥ 4500	72.1	76.7	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6
≥ 4000	73.9	79.2	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 3500	75.9	81.3	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3
≥ 3000	78.6	84.2	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3
≥ 2500	80.7	86.8	87.2	87.5	87.6	87.6	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0
≥ 2000	82.9	89.8	90.2	90.5	90.7	90.7	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0
≥ 1800	83.5	90.5	90.9	91.2	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8
≥ 1500	84.4	91.8	92.2	92.6	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1200	85.6	93.4	93.9	94.4	94.6	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9
≥ 1000	85.9	94.0	94.7	95.1	95.4	95.4	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 900	86.1	94.4	95.1	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3
≥ 800	86.3	94.9	95.6	96.1	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9
≥ 700	86.4	95.3	96.1	96.6	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 600	86.6	95.8	96.7	97.2	97.5	97.5	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	86.6	95.9	96.9	97.4	97.7	97.7	98.1	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	86.6	96.1	97.1	97.8	98.3	98.3	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7
≥ 300	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9
≥ 0	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2190

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR
 1800-2000 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	52.1	55.0	55.3	55.3	55.4	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	63.1	66.6	66.9	67.0	67.1	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	63.3	66.8	67.1	67.2	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	63.4	66.9	67.2	67.3	67.5	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9
≥ 14000	64.4	68.0	68.3	68.4	68.5	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.0
≥ 12000	65.2	68.9	69.2	69.3	69.4	69.4	69.7	69.8	69.9	69.9	69.9	69.9	69.9
≥ 10000	67.8	71.8	72.2	72.3	72.4	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9
≥ 9000	68.3	72.4	72.8	72.9	73.1	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	69.2	73.5	73.9	74.0	74.1	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	70.9	75.5	75.9	76.0	76.1	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	71.9	76.6	77.0	77.1	77.2	77.2	77.5	77.6	77.7	77.7	77.7	77.7	77.7
≥ 5000	73.8	79.1	79.5	79.7	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	74.7	80.2	80.7	80.8	81.0	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	76.1	82.0	82.4	82.6	82.7	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	77.2	83.2	83.6	83.8	84.0	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	78.7	85.0	85.5	85.7	86.0	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	80.0	86.7	87.3	87.5	87.8	87.8	88.2	88.3	88.4	88.4	88.4	88.4	88.4
≥ 2000	81.1	88.4	89.0	89.2	89.5	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	81.9	89.4	90.0	90.2	90.5	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	83.0	90.9	91.5	91.8	92.0	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	83.6	91.9	92.6	92.9	93.2	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	83.8	92.4	93.2	93.5	93.9	94.0	94.3	94.5	94.6	94.6	94.6	94.6	94.6
≥ 900	84.0	92.9	93.7	94.0	94.5	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	84.1	93.3	94.1	94.5	95.0	95.1	95.5	95.7	95.7	95.7	95.8	95.8	95.8
≥ 700	84.4	93.8	94.8	95.2	95.7	95.9	96.3	96.5	96.6	96.6	96.6	96.6	96.6
≥ 600	84.9	94.4	95.4	95.9	96.4	96.6	97.0	97.3	97.3	97.3	97.4	97.4	97.4
≥ 500	85.0	94.7	95.9	96.4	96.9	97.1	97.6	97.9	98.0	98.0	98.1	98.1	98.1
≥ 400	85.1	95.1	96.3	97.1	97.8	98.0	98.5	98.9	99.0	99.0	99.1	99.1	99.1
≥ 300	85.2	95.2	96.5	97.4	98.2	98.4	98.9	99.3	99.4	99.4	99.5	99.5	99.5
≥ 200	85.2	95.2	96.6	97.5	98.3	98.5	99.1	99.5	99.7	99.7	99.7	99.7	99.7
≥ 100	85.2	95.2	96.6	97.5	98.3	98.5	99.1	99.5	99.7	99.7	99.8	99.8	99.8
≥ 0	85.2	95.2	96.6	97.5	98.3	98.5	99.1	99.5	99.7	99.7	99.8	99.8	99.8

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME: TINKER AFB OK/OKLAHOMA CITY YEARS: 43-45, 47-72 MONTH: MAY HOURS (LST): 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	66.7	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	66.7	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	66.8	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	67.8	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	69.5	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	71.9	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	72.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	74.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	75.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	75.5	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	77.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	78.4	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	79.3	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	80.2	83.9	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	81.7	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	82.4	86.8	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	83.8	88.6	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	84.3	89.2	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	85.4	90.3	90.7	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	86.4	91.7	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	87.1	92.7	93.1	93.4	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	87.5	93.3	93.8	94.0	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	88.0	94.0	94.5	94.7	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	88.2	94.5	95.0	95.2	95.6	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	88.3	94.8	95.2	95.5	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	88.5	95.4	96.1	96.3	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	88.6	95.8	96.6	97.0	97.5	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	88.7	96.2	97.1	97.6	98.3	98.4	98.7	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1
≥ 200	88.7	96.2	97.2	97.8	98.5	98.6	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 100	88.7	96.2	97.2	97.8	98.6	98.7	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	88.7	96.2	97.2	97.8	98.6	98.7	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45,47-72 YEARS

MAY MONTH

0300-0500 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.5	54.5	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	60.4	62.8	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 18000	60.4	62.9	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 16000	60.5	63.0	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6
≥ 14000	61.5	64.1	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 12000	63.7	66.3	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 10000	65.9	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2
≥ 9000	66.8	69.8	70.0	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 8000	68.2	71.3	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.0
≥ 7000	69.1	72.6	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3
≥ 6000	69.9	73.6	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 5000	72.4	76.3	76.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 4500	73.1	77.3	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
≥ 4000	74.3	79.0	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
≥ 3500	74.8	79.5	79.9	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.6	80.6	80.6
≥ 3000	75.9	81.0	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 2500	77.0	82.3	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5
≥ 2000	78.4	84.1	84.6	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.5
≥ 1800	78.8	84.6	85.1	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.0
≥ 1500	80.4	86.6	87.1	87.4	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.1	88.1	88.2
≥ 1200	81.6	87.9	88.5	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.7	89.7	89.8
≥ 1000	82.8	89.8	90.7	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.9	91.9	92.0
≥ 900	83.3	90.6	91.4	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.7	92.7
≥ 800	83.8	91.3	92.2	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.5	93.6	93.6
≥ 700	84.2	91.8	92.7	93.2	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.2	94.3	94.4
≥ 600	84.5	92.4	93.5	94.0	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.2	95.3
≥ 500	84.8	93.2	94.3	94.9	95.7	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.3	96.4
≥ 400	85.0	93.6	94.9	95.5	96.4	96.5	96.5	96.5	96.5	96.5	97.0	97.1	97.2	97.2
≥ 300	85.1	93.9	95.3	96.1	97.1	97.2	97.2	97.2	97.2	97.2	97.9	98.0	98.1	98.3
≥ 200	85.1	93.9	95.4	96.2	97.3	97.3	97.3	97.3	97.3	97.3	98.4	98.4	98.8	99.1
≥ 100	85.1	94.0	95.5	96.2	97.4	97.4	97.4	97.4	97.4	97.4	98.7	98.7	99.3	99.5
≥ 0	85.1	94.0	95.5	96.2	97.4	97.4	97.4	97.4	97.4	97.4	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2689

20 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72 YEARS

MAY MONTH

0600-0800 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.2	45.7	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3
≥ 20000	50.7	55.2	55.5	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 18000	50.7	55.2	55.5	55.8	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	50.9	55.4	55.7	56.0	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	52.4	57.0	57.3	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 12000	54.6	59.5	59.8	60.1	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	57.9	63.4	63.7	64.1	64.3	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	59.0	64.8	65.1	65.5	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	60.8	67.0	67.4	67.8	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	61.9	68.1	68.6	69.0	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	62.5	68.8	69.3	69.7	69.9	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	63.6	70.2	70.6	71.1	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	64.2	70.9	71.4	71.9	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 4000	65.2	72.3	72.8	73.3	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9
≥ 3500	66.1	73.4	73.9	74.3	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	67.1	74.7	75.2	75.7	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 2500	68.4	76.5	77.2	77.6	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3
≥ 2000	69.5	78.0	78.7	79.2	79.6	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0
≥ 1800	70.0	78.7	79.5	80.0	80.3	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	71.2	80.9	81.9	82.4	82.9	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	73.1	83.4	84.5	85.1	85.6	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1000	74.6	85.6	86.8	87.5	88.1	88.3	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	75.2	86.6	87.8	88.5	89.2	89.4	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	75.5	87.2	88.5	89.3	90.1	90.3	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	75.6	87.9	89.3	90.1	91.0	91.3	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 600	76.1	88.8	90.2	91.0	92.0	92.5	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 500	76.5	89.5	91.1	92.0	93.2	93.7	94.3	94.6	94.8	94.8	94.8	94.8	94.9	94.9
≥ 400	76.8	90.3	92.0	93.1	94.6	95.2	95.9	96.3	96.6	96.7	96.7	96.7	96.8	96.8
≥ 300	76.9	90.7	92.7	94.0	95.7	96.2	97.4	97.8	98.1	98.2	98.3	98.3	98.5	98.5
≥ 200	76.9	90.8	92.8	94.1	95.9	96.4	97.7	98.2	98.4	98.7	98.9	99.0	99.1	99.2
≥ 100	76.9	90.8	92.8	94.1	95.9	96.4	97.7	98.3	98.5	98.8	99.0	99.2	99.4	99.4
≥ 0	76.9	90.8	92.8	94.1	95.9	96.4	97.7	98.3	98.5	98.8	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2681

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS
 MONTH MAY 0900-1100 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	55.0	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	55.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	55.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	55.8	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	57.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	59.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	60.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	62.4	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
≥ 7000	63.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	64.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	65.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	66.1	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	66.7	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	67.3	72.3	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	68.7	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	70.8	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2000	73.8	80.5	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	75.4	82.5	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	77.4	85.1	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	79.5	88.5	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	80.8	90.7	91.1	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	81.2	91.5	92.0	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	81.4	92.2	92.9	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	81.6	93.0	93.8	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	81.9	93.7	94.6	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	82.3	94.4	95.4	95.9	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	82.4	95.0	96.1	96.8	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	82.5	95.2	96.3	97.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	82.5	95.2	96.4	97.3	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	82.5	95.2	96.4	97.3	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0	82.5	95.2	96.4	97.3	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAY
 STATION NAME 1200-1400 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.3	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 2000	57.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1800	57.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 1600	57.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 1400	58.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1200	59.4	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
≥ 1000	61.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 900	62.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 800	63.8	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 700	64.9	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 600	65.6	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 500	66.8	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
≥ 4500	67.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	68.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3500	70.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	73.9	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	77.5	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	80.6	86.8	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	81.5	87.9	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	83.1	90.1	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 1200	84.7	92.4	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	85.6	93.8	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	85.7	94.2	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 800	85.8	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	86.0	95.6	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	86.2	96.1	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	86.3	96.5	97.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	86.3	96.6	97.6	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	86.3	96.7	97.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	86.3	96.7	97.9	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	86.3	96.7	97.9	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	86.3	96.7	97.9	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 2680

20 +

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MONTH MAY

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	64.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	64.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	64.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	65.4	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	66.3	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	68.2	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	69.0	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	70.4	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	71.3	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	72.2	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	74.2	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	75.0	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	76.8	80.8	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	78.0	82.1	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	80.8	85.3	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	82.7	87.8	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	85.0	90.7	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	85.3	91.3	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	86.6	93.1	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	87.4	94.0	94.5	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	87.6	94.6	95.1	95.5	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	87.6	94.6	95.2	95.6	95.6	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	87.7	95.1	95.6	96.1	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 700	87.8	95.6	96.1	96.6	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	87.8	95.9	96.5	97.2	97.4	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	87.9	96.2	96.9	97.6	97.9	98.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	87.9	96.4	97.2	98.1	98.4	98.5	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	87.9	96.5	97.4	98.3	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9
≥ 200	87.9	96.5	97.5	98.3	98.8	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	87.9	96.5	97.5	98.3	98.8	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	87.9	96.5	97.5	98.3	98.8	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2687

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45, 47-72 YEARS

MAY MONTH

1800-2000 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.7	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	69.0	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	69.3	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	69.4	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	70.2	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	71.8	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	73.8	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	74.3	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	76.0	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
≥ 7000	77.0	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
≥ 6000	77.6	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	79.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	79.9	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	80.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	81.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	83.4	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	84.3	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
≥ 2000	85.4	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	85.6	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	86.4	93.3	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	87.1	94.5	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	87.4	95.1	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	87.4	95.2	95.8	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	87.7	95.7	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	87.7	95.8	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	87.8	96.4	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	87.8	96.6	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	87.9	96.7	97.8	98.2	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	88.0	96.8	97.9	98.4	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	88.0	96.9	98.0	98.5	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	88.0	96.9	98.0	98.5	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	88.0	96.9	98.0	98.5	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

2691

TOTAL NUMBER OF OBSERVATIONS

20 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MAY MONTH 2100-2300 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.8	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	69.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	69.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	69.7	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
≥ 14000	70.7	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
≥ 12000	72.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	74.4	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	75.1	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	76.5	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	77.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	78.2	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	80.0	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	80.4	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	81.4	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	82.3	86.5	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	83.6	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	84.5	89.3	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	85.6	90.9	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	86.0	91.5	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	86.5	92.2	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	87.3	93.4	94.0	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	87.8	94.3	95.0	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	88.1	94.9	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	88.6	95.5	96.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	88.7	95.7	96.5	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	88.7	95.9	96.7	96.9	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	88.7	96.2	97.0	97.2	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	88.9	96.5	97.4	97.6	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	88.9	96.7	97.9	98.2	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	88.9	96.8	98.1	98.4	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	88.9	96.8	98.1	98.4	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	88.9	96.8	98.1	98.4	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2683

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS JUN MONTH 0000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.4	68.4	68.5	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	75.6	78.1	78.1	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	75.6	78.1	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	75.7	78.2	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	76.8	79.4	79.5	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	78.7	81.3	81.3	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	81.2	84.0	84.0	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	82.0	84.9	84.9	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	83.3	86.4	86.5	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	84.1	87.2	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	84.9	88.3	88.5	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	86.6	90.2	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	87.3	91.0	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	88.4	92.3	92.5	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	88.9	93.0	93.3	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	89.5	93.8	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 2500	90.0	94.4	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	90.4	95.0	95.3	95.5	95.5	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1800	90.6	95.2	95.5	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1500	91.1	95.9	96.2	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	91.3	96.2	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	91.7	96.8	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 900	91.8	96.9	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	92.0	97.3	97.7	97.9	98.0	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	92.1	97.4	97.8	98.0	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	92.2	97.6	98.0	98.2	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	92.3	97.8	98.3	98.5	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 400	92.4	98.2	98.7	98.9	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	92.5	98.3	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 200	92.5	98.3	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 100	92.5	98.3	98.7	99.0	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 0	92.5	98.3	98.7	99.0	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2557

20 +

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH JUN
STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS (LST) 0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)											TOTAL NUMBER OF OBSERVATIONS			
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/4	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4		≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	58.2	61.0	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7
≥ 20000	67.1	70.5	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3
≥ 16000	67.3	70.7	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
≥ 14000	67.4	70.9	71.2	71.3	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	68.9	72.3	72.7	72.8	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 10000	70.7	74.2	74.5	74.7	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	73.2	77.1	77.4	77.6	77.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1
≥ 8000	73.7	77.7	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.6	78.6	78.6
≥ 7000	75.4	79.3	79.7	79.9	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4
≥ 6000	76.4	80.5	80.9	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.5
≥ 5000	77.8	82.1	82.5	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.1	83.1
≥ 4500	79.3	84.1	84.6	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3
≥ 4000	80.0	84.9	85.4	85.6	85.6	85.6	85.8	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.1
≥ 3500	81.0	86.0	86.5	86.7	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.1	87.2	87.2	87.2
≥ 3000	81.6	86.6	87.1	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.8	87.8	87.8
≥ 2500	82.9	87.9	88.6	88.8	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.3	89.3	89.3
≥ 2000	83.5	88.6	89.3	89.5	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.0
≥ 1800	84.3	89.8	90.5	90.7	90.8	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4
≥ 1500	84.6	90.1	90.8	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.7
≥ 1200	85.2	90.8	91.5	91.8	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.4	92.5	92.5	92.5
≥ 1000	86.2	92.2	93.0	93.3	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.0
≥ 900	86.9	93.0	93.9	94.1	94.2	94.2	94.6	94.7	94.7	94.7	94.7	94.8	94.9	94.9	94.9
≥ 800	87.2	93.5	94.4	94.7	94.8	94.8	95.1	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.5
≥ 700	87.8	94.3	95.2	95.5	95.7	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.4	96.4	96.4
≥ 600	88.0	94.7	95.7	96.0	96.1	96.1	96.4	96.6	96.6	96.6	96.7	96.8	96.9	96.9	96.9
≥ 500	88.3	95.3	96.3	96.6	96.9	96.9	97.2	97.4	97.4	97.4	97.5	97.5	97.7	97.7	97.7
≥ 400	88.6	95.9	96.9	97.3	97.6	97.6	98.0	98.2	98.2	98.2	98.3	98.4	98.5	98.5	98.5
≥ 300	88.7	96.2	97.2	97.6	98.0	98.1	98.5	98.6	98.6	98.6	98.8	98.9	99.0	99.0	99.0
≥ 200	88.7	96.3	97.4	97.8	98.3	98.4	98.8	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3
≥ 100	88.7	96.4	97.5	97.9	98.4	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6
≥ 0	88.7	96.4	97.5	97.9	98.4	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 2556

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUN
0600-0800 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	50.5	54.0	54.5	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
≥ 20000	59.7	64.2	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.3
≥ 18000	59.8	64.2	64.7	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.4
≥ 16000	60.0	64.5	65.0	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7
≥ 14000	61.2	65.8	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.9
≥ 12000	64.3	69.4	69.9	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.6
≥ 10000	67.4	73.0	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.3
≥ 9000	68.3	74.2	74.7	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 8000	69.7	76.0	76.6	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.4
≥ 7000	71.0	77.5	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.0
≥ 6000	72.1	78.9	79.5	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.5
≥ 5000	73.1	80.1	80.8	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8
≥ 4500	73.5	80.6	81.4	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4
≥ 4000	74.3	81.7	82.5	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.6
≥ 3500	74.9	82.3	83.2	83.7	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2
≥ 3000	75.8	83.3	84.3	84.9	85.0	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.4
≥ 2500	76.4	84.0	85.0	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.2
≥ 2000	77.7	85.5	86.5	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.7	87.8
≥ 1800	77.9	85.7	86.7	87.3	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.9
≥ 1500	78.9	86.8	87.8	88.5	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.2
≥ 1200	80.6	88.9	89.9	90.6	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.3
≥ 1000	81.6	90.0	91.1	91.9	92.1	92.1	92.2	92.3	92.3	92.5	92.5	92.6	92.6	92.7
≥ 900	82.0	90.8	91.8	92.6	92.8	92.9	93.0	93.0	93.0	93.2	93.2	93.3	93.4	93.4
≥ 800	82.9	92.0	93.2	94.0	94.3	94.3	94.4	94.4	94.5	94.6	94.7	94.8	94.8	94.9
≥ 700	83.4	93.1	94.5	95.5	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.2	96.2	96.3
≥ 600	83.7	93.7	95.2	96.3	96.6	96.7	96.8	96.8	96.9	97.0	97.1	97.1	97.2	97.3
≥ 500	84.0	94.2	95.7	97.0	97.3	97.4	97.6	97.7	97.7	97.9	98.0	98.0	98.1	98.2
≥ 400	84.0	94.4	96.0	97.3	97.9	97.9	98.2	98.4	98.4	98.6	98.7	98.7	98.8	98.9
≥ 300	84.1	94.6	96.1	97.6	98.2	98.3	98.6	98.7	98.8	99.1	99.2	99.3	99.4	99.5
≥ 200	84.1	94.6	96.2	97.6	98.2	98.3	98.6	98.8	98.8	99.1	99.3	99.3	99.3	99.7
≥ 100	84.1	94.6	96.2	97.6	98.3	98.4	98.7	98.8	98.9	99.2	99.3	99.4	99.4	99.9
≥ 0	84.1	94.6	96.2	97.6	98.3	98.4	98.7	98.8	98.9	99.2	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2558

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MONTH JUN HOURS (LST) 0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	62.4	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
≥ 18000	62.8	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	62.8	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	63.5	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	66.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	69.0	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
≥ 9000	69.7	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	71.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	72.6	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
≥ 6000	73.1	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
≥ 5000	73.9	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	74.4	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	75.6	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	76.2	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	77.9	82.9	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	79.4	84.8	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	83.0	88.5	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	83.8	89.4	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	86.0	91.9	92.1	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	87.7	94.5	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	88.4	95.4	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	88.7	96.0	96.4	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	89.0	96.6	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	89.0	96.9	97.4	97.7	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 600	89.1	97.3	97.9	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 500	89.4	98.0	98.6	98.9	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	89.4	98.0	98.6	99.0	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 300	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2565

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45,47-72 YEARS

JUN MONTH

1200-1400 HOURS (L.S.T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	64.3	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
≥ 18000	64.4	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	64.5	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	65.2	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
≥ 12000	67.5	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
≥ 10000	69.8	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
≥ 9000	70.7	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	71.6	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
≥ 7000	72.3	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
≥ 6000	73.0	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	74.1	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	74.8	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	77.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	80.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	85.0	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	87.6	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	89.8	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	90.3	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	91.6	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	92.0	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	92.2	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	92.3	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
≥ 800	92.6	98.7	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	92.7	98.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	92.7	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

2560

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45,47-72 YEARS

JUN MONTH

1500-1700 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	72.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	72.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	72.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	73.2	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
≥ 12000	75.4	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
≥ 10000	77.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	77.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	78.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	78.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	79.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	80.7	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	81.8	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	84.5	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	86.1	89.9	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	89.3	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	91.1	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	91.9	96.5	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	92.2	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	92.6	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	93.1	97.9	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	93.4	98.3	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	93.4	98.4	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 800	93.5	98.7	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	93.5	98.9	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	93.5	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

JUN MONTH

1800-2000 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.2	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
≥ 20000	78.1	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	78.3	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	78.7	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
≥ 14000	79.2	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	81.0	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	82.6	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	83.1	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
≥ 8000	84.1	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	85.0	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
≥ 6000	85.8	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	86.9	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	87.5	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	88.9	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	89.4	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	90.7	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	91.4	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	91.9	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	91.9	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	92.3	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	92.5	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	92.5	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	92.7	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	92.8	98.4	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	92.9	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	93.0	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	93.0	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH JUN 2100-2300 HOURS(LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.4	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	79.1	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	79.3	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	79.5	81.8	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	80.5	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	81.9	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	84.1	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	84.3	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	85.9	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	86.8	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	87.6	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	89.3	92.3	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	89.8	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	90.7	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	91.2	94.6	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	91.9	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	92.1	95.9	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	92.6	96.6	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	92.7	96.7	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	93.0	97.2	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 1200	93.3	97.7	97.9	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6
≥ 1000	93.4	97.9	98.1	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9
≥ 900	93.4	98.0	98.2	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	99.0
≥ 800	93.5	98.1	98.3	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1
≥ 700	93.6	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3
≥ 600	93.7	98.4	98.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.5
≥ 500	93.8	98.5	98.8	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 400	93.8	98.5	98.8	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.8
≥ 300	93.8	98.6	98.9	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 200	93.8	98.6	98.9	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 100	93.8	98.6	98.9	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0
≥ 0	93.8	98.6	98.9	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2560

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

JUL

MO-TH

0000-0200
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.4	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
≥ 20000	81.3	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	81.5	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 16000	81.8	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	85.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	88.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	88.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000	90.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	91.7	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	92.7	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	93.5	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	93.8	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	94.2	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	94.4	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	94.9	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	95.1	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	95.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	95.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	95.4	97.5	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	95.4	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.7	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	95.8	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	95.9	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	96.0	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	96.0	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	96.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.2	98.8	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	96.2	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	96.2	96.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	96.2	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	96.2	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

2648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/DKLAHOMA CITY

43-45,47-72

YEARS

JUL

MONTH

0300-0500
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.4	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.3
≥ 20000	73.8	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9
≥ 18000	74.0	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.1
≥ 16000	74.3	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4
≥ 14000	76.0	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.2
≥ 12000	78.8	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3
≥ 10000	82.5	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.2
≥ 9000	83.6	85.9	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3
≥ 8000	85.4	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.5
≥ 7000	86.8	89.6	89.6	89.6	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2
≥ 6000	87.8	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.3
≥ 5000	88.6	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.4
≥ 4500	88.9	92.0	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.7
≥ 4000	89.6	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5
≥ 3500	89.7	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7
≥ 3000	90.2	93.7	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4
≥ 2500	90.7	94.4	94.5	94.7	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2
≥ 2000	91.2	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9	96.0
≥ 1800	91.3	95.2	95.2	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 1500	91.5	95.5	95.5	95.8	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3
≥ 1200	91.7	95.7	95.7	96.0	96.1	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6
≥ 1000	92.1	96.1	96.2	96.5	96.6	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1
≥ 900	92.1	96.3	96.4	96.7	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.3
≥ 800	92.2	96.4	96.5	96.8	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4
≥ 700	92.4	96.7	96.9	97.1	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7
≥ 600	92.6	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 500	92.7	97.2	97.5	97.9	98.0	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.5
≥ 400	92.7	97.5	97.8	98.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.8
≥ 300	92.8	97.7	98.0	98.4	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.2
≥ 200	92.9	97.8	98.1	98.5	98.6	98.7	98.9	99.0	99.0	99.2	99.3	99.4	99.4	99.5
≥ 100	92.9	97.8	98.1	98.5	98.6	98.7	98.9	99.0	99.0	99.2	99.3	99.5	99.6	99.7
≥ 0	92.9	97.8	98.1	98.5	98.6	98.7	98.9	99.0	99.0	99.2	99.3	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 2646

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUL

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	59.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	68.2	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	68.2	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 16000	68.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	70.1	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	73.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	77.4	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	79.3	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	80.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	81.5	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	85.9	85.9
≥ 5000	82.6	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	82.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	83.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	84.0	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	85.0	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	86.0	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	86.9	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	87.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	88.5	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	89.6	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	89.9	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	90.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	90.6	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	90.7	98.1	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	90.9	98.4	98.4	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	91.0	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	91.1	99.0	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	91.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	91.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	91.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	91.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 2642

20+

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUL
1200-1400 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	55.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	66.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	66.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	67.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	74.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	76.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	77.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	79.2	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	80.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	81.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	85.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	86.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	89.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	91.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	93.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	93.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	94.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	94.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	95.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	95.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	95.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	95.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	95.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	95.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	95.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	95.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	95.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 2640

20 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS JUL MONT 1800-2000 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	≥ ½	≥ ¼	≥ 0
NO CEILING	68.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	80.2	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	80.5	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 16000	81.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	82.6	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
≥ 12000	85.2	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	88.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	88.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	90.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	91.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	92.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	93.4	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	93.8	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	94.2	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	94.4	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	94.7	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	95.1	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
≥ 2000	95.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	95.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	95.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	95.4	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
≥ 1000	95.4	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	95.4	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	95.5	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.5	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	95.5	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	95.5	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	95.5	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2641

2 C +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: TINKER AFB OK/OKLAHOMA CITY YEARS: 43-45, 47-72 MONTH: JUL
 STATION NUMBER: 13919 HOURS (LST): 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 18000	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	87.5	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
≥ 10000	90.4	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	91.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 8000	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6000	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	94.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	94.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	95.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	95.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	95.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	96.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.6	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
≥ 1000	96.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	96.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	96.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	96.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	96.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	96.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 2642

2 +

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH: AUG
0000-0200 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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.6	77.9	78.0	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	81.5	82.9	83.0	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	81.7	83.1	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 16000	81.9	83.3	83.3	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	83.2	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	85.0	86.8	86.9	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	88.0	90.1	90.2	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	89.4	91.4	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	90.5	92.7	92.8	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	90.8	93.2	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000	91.8	94.3	94.4	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	92.5	95.1	95.1	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	92.7	95.5	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	92.9	95.8	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	92.9	96.1	96.1	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	93.2	96.5	96.6	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	93.4	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	93.6	97.0	97.1	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	93.7	97.0	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	93.7	97.1	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	94.2	97.7	97.7	97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	94.4	97.9	98.0	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	94.5	98.0	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	94.5	98.2	98.3	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	94.6	98.3	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	94.7	98.5	98.7	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	94.8	98.6	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	94.8	98.7	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.8	98.7	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	94.8	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	94.8	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	94.8	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2687

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG

0300-0500
 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.1	73.6	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5
≥ 20000	75.9	78.4	78.5	78.8	79.0	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4
≥ 18000	76.0	78.5	78.6	78.9	79.0	79.0	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.5
≥ 16000	76.4	78.9	79.1	79.4	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9	79.9
≥ 14000	77.4	80.0	80.2	80.5	80.6	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0
≥ 12000	79.5	82.4	82.6	82.9	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.5
≥ 10000	83.2	86.5	86.6	87.0	87.1	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 9000	84.3	87.7	87.8	88.1	88.2	88.2	88.5	88.5	88.5	88.6	88.7	88.7	88.7	88.8
≥ 8000	85.9	89.3	89.5	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.4
≥ 7000	86.9	90.6	90.8	91.1	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8
≥ 6000	87.5	91.7	91.9	92.2	92.3	92.3	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9
≥ 5000	88.3	92.7	92.9	93.2	93.3	93.3	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9
≥ 4500	88.4	93.1	93.3	93.7	93.8	93.8	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4
≥ 4000	88.8	93.6	93.8	94.2	94.3	94.3	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.9
≥ 3500	88.9	93.8	94.0	94.4	94.5	94.5	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.2
≥ 3000	89.2	94.2	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.6	95.6
≥ 2500	89.4	94.5	94.7	95.1	95.2	95.2	95.5	95.6	95.6	95.7	95.8	95.8	95.9	95.9
≥ 2000	89.6	94.8	95.0	95.4	95.5	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.2
≥ 1800	89.6	94.8	95.1	95.5	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.2	96.2	96.2
≥ 1500	89.7	94.9	95.2	95.6	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.3	96.4	96.4
≥ 1200	90.0	95.2	95.5	95.9	96.1	96.1	96.5	96.5	96.5	96.7	96.7	96.8	96.8	96.8
≥ 1000	90.4	95.7	96.1	96.5	96.7	96.7	97.0	97.1	97.1	97.2	97.3	97.4	97.4	97.4
≥ 900	90.4	95.9	96.2	96.6	96.8	96.8	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.6
≥ 800	90.5	96.1	96.5	96.9	97.1	97.1	97.4	97.5	97.5	97.7	97.7	97.8	97.8	97.8
≥ 700	90.5	96.3	96.7	97.1	97.2	97.2	97.6	97.7	97.7	97.8	97.9	98.0	98.0	98.0
≥ 600	90.7	96.5	96.9	97.3	97.5	97.5	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.3
≥ 500	90.8	96.8	97.1	97.5	97.7	97.7	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.6
≥ 400	90.9	97.1	97.5	97.9	98.1	98.1	98.4	98.6	98.6	98.8	98.8	98.9	99.0	99.0
≥ 300	91.0	97.4	97.9	98.3	98.5	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.5	99.5
≥ 200	91.0	97.4	98.0	98.4	98.5	98.5	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.8
≥ 100	91.0	97.5	98.0	98.4	98.6	98.6	99.0	99.3	99.3	99.4	99.6	99.7	99.8	99.9
≥ 0	91.0	97.5	98.0	98.4	98.6	98.6	99.0	99.3	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2689

2 +

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 MONTH AUG

0600-0800
HOURS(UT)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.8	64.1	64.5	64.8	65.0	65.0	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6
≥ 20000	63.7	70.7	71.3	71.6	71.9	71.9	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.5
≥ 18000	63.7	70.8	71.4	71.8	72.1	72.1	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6
≥ 16000	63.8	70.9	71.5	71.9	72.2	72.2	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.7	72.8
≥ 14000	65.0	72.2	72.9	73.2	73.5	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1
≥ 12000	68.0	75.7	76.4	76.8	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.7	77.7
≥ 10000	71.6	80.7	81.3	81.8	82.2	82.2	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.8
≥ 9000	72.9	82.2	82.9	83.4	83.8	83.8	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.4	84.4
≥ 8000	75.6	85.4	86.1	86.6	87.0	87.1	87.3	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.7
≥ 7000	76.4	86.7	87.4	87.9	88.3	88.4	88.6	88.7	88.7	88.7	88.8	88.9	88.9	88.9	89.0
≥ 6000	77.1	87.6	88.3	88.9	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.9	89.9
≥ 5000	78.1	88.9	89.6	90.2	90.6	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.3	91.3
≥ 4500	78.4	89.2	90.0	90.6	91.0	91.0	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7
≥ 4000	78.5	89.4	90.2	90.8	91.2	91.3	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9	92.0
≥ 3500	78.7	89.8	90.6	91.2	91.6	91.6	91.9	92.0	92.0	92.1	92.1	92.2	92.2	92.3	92.3
≥ 3000	79.1	90.3	91.0	91.7	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.8	92.8	92.9	92.9
≥ 2500	79.3	90.6	91.4	92.0	92.5	92.6	92.8	93.0	93.0	93.1	93.1	93.2	93.2	93.3	93.3
≥ 2000	79.5	91.0	91.8	92.5	93.0	93.1	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.8
≥ 1800	79.6	91.0	91.9	92.6	93.1	93.1	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.8	93.8
≥ 1500	79.6	91.3	92.2	92.9	93.4	93.5	93.7	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.2
≥ 1200	79.9	91.7	92.5	93.2	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.5	94.5
≥ 1000	80.4	92.5	93.5	94.2	94.8	94.8	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.5	95.5
≥ 900	80.6	92.8	93.7	94.5	95.0	95.1	95.3	95.5	95.5	95.5	95.6	95.6	95.7	95.8	95.8
≥ 800	80.8	93.1	94.0	94.8	95.4	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.1	96.2	96.2
≥ 700	81.0	93.5	94.5	95.3	95.9	95.9	96.3	96.4	96.5	96.5	96.5	96.6	96.7	96.8	96.8
≥ 600	81.1	93.9	94.9	95.8	96.5	96.5	96.9	97.0	97.1	97.1	97.1	97.2	97.3	97.4	97.4
≥ 500	81.1	94.1	95.2	96.1	96.9	97.0	97.4	97.5	97.5	97.6	97.6	97.7	97.8	97.9	98.0
≥ 400	81.3	94.5	95.6	96.5	97.4	97.5	98.0	98.1	98.2	98.2	98.3	98.4	98.5	98.6	98.6
≥ 300	81.5	94.7	96.0	97.0	97.9	98.0	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4
≥ 200	81.5	94.7	96.1	97.1	98.0	98.1	98.6	98.8	98.9	99.0	99.1	99.3	99.3	99.4	99.5
≥ 100	81.5	94.7	96.1	97.1	98.0	98.1	98.6	98.9	98.9	99.1	99.2	99.3	99.5	99.6	99.8
≥ 0	81.5	94.7	96.1	97.1	98.0	98.1	98.6	98.9	98.9	99.1	99.2	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2691

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 STATION NAME YEARS MONTH AUG

0900-1100
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	69.7	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	69.8	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	70.1	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	70.6	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	73.7	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	76.6	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	77.3	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	79.2	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	80.1	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	80.5	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	81.4	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
≥ 4500	81.4	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	81.8	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	82.2	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	82.9	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	83.7	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	84.6	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	84.9	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	85.7	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	86.3	95.6	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	86.9	96.3	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	87.1	96.8	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	87.3	97.1	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	87.5	97.4	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	87.6	97.6	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	87.6	97.7	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	87.6	97.9	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	87.6	97.9	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	87.6	97.9	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	87.6	97.9	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	87.6	97.9	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 2693

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-45,47-72 YEARS

AUG MONTH

1200-1400 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	70.9	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	70.9	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	71.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	72.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	74.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	77.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	77.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	79.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	79.9	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	80.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	82.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	83.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	85.3	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	86.3	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	87.7	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	89.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	90.5	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	90.6	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	90.9	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	91.3	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	91.5	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	91.6	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	91.7	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	91.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	91.8	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	91.8	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	91.8	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	91.8	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	91.8	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	91.8	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	91.8	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2685

2 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG
1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	66.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 20000	77.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	77.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	77.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	78.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	80.4	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
≥ 10000	82.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	83.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	85.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	85.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	86.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	87.9	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	89.0	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	90.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	91.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	92.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	92.8	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
≥ 2000	93.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	93.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	93.4	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	93.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	93.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	93.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	93.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	93.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	93.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	93.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	93.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	93.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	93.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	93.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

2688

20 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS AUG MONTH
HOURS(LST) 1800-2000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0'
NO CEILING	72.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	81.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	81.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	81.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 14000	81.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 12000	84.4	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
≥ 10000	87.6	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	88.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	89.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	90.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	91.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	92.0	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	92.3	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	92.9	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	93.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	93.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	93.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	94.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	94.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	94.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	94.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH SEP
 STATION NAME HOURS:ST:1 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	71.0	72.7	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
≥ 20000	74.8	76.5	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	75.0	76.7	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
≥ 16000	75.1	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	76.5	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	78.2	80.2	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	80.4	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	81.3	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	82.5	85.0	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
≥ 7000	83.6	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	84.5	87.1	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
≥ 5000	85.2	87.9	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	85.4	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	85.8	89.0	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	86.4	89.6	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	86.7	90.0	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	86.9	90.3	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	87.2	90.8	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
≥ 1800	87.5	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	87.7	91.5	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	88.2	92.3	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	88.9	93.2	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	89.2	93.7	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	89.5	94.3	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	89.8	94.8	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	90.0	95.5	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	90.3	95.9	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	90.5	96.5	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	90.8	97.0	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	90.9	97.1	97.9	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	90.9	97.1	97.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	90.9	97.1	97.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	67.7	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 20000	70.7	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 18000	70.9	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5
≥ 16000	71.1	73.1	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
≥ 14000	72.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 12000	74.0	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 10000	75.8	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 9000	76.1	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 8000	77.7	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 7000	78.4	81.2	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 6000	79.5	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 5000	80.6	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 4500	80.9	84.0	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 4000	81.3	84.4	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 3500	81.6	85.0	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9
≥ 3000	81.8	85.3	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 2500	82.1	85.7	86.2	86.3	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 2000	82.6	86.5	87.0	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1800	82.7	86.8	87.3	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 1500	83.4	87.7	88.2	88.5	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 1200	84.3	89.0	89.6	89.9	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1000	84.9	89.9	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 900	85.3	90.3	91.0	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 800	85.9	91.3	92.1	92.4	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 700	86.2	91.8	92.7	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 600	86.3	92.4	93.4	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 500	86.7	93.3	94.3	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6
≥ 400	86.8	94.0	95.2	96.0	96.5	96.5	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.1
≥ 300	87.0	94.6	95.9	97.0	97.7	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 200	87.0	94.7	96.0	97.2	97.9	98.0	98.3	98.6	98.6	98.8	98.8	98.9	98.9	98.9	99.1
≥ 100	87.0	94.7	96.0	97.2	97.9	98.1	98.4	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.6
≥ 0	87.0	94.7	96.0	97.2	97.9	98.1	98.4	98.6	98.7	99.0	99.0	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2694

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

SEP

MONTH

0600-0800
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	59.8	60.2	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.3	61.4
≥ 20000	57.9	64.7	65.2	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.5	66.5
≥ 18000	57.9	64.7	65.2	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.5	66.5
≥ 16000	58.1	65.0	65.4	66.1	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.7	66.8
≥ 14000	58.7	65.7	66.2	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.5	67.5
≥ 12000	61.2	68.5	69.0	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.2	70.2	70.4	70.4
≥ 10000	62.8	70.5	71.1	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.5	72.5
≥ 9000	63.7	71.5	72.2	73.0	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.5	73.7	73.7
≥ 8000	65.9	74.0	74.8	75.6	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.1	76.3	76.3
≥ 7000	66.7	75.1	75.8	76.7	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.3	77.4
≥ 6000	67.5	76.1	76.9	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.2	78.2	78.4	78.4
≥ 5000	68.9	77.7	78.6	79.4	79.5	79.6	79.7	79.8	79.8	79.8	79.9	79.9	80.1	80.1
≥ 4500	69.1	78.0	78.9	79.8	80.0	80.1	80.3	80.4	80.4	80.4	80.4	80.5	80.7	80.7
≥ 4000	69.6	78.5	79.4	80.3	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.3	81.3
≥ 3500	69.8	78.8	79.8	80.7	80.9	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.7	81.7
≥ 3000	70.2	79.6	80.6	81.5	81.8	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.6	82.6
≥ 2500	70.4	79.8	80.8	81.7	82.1	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.9	82.9
≥ 2000	71.0	80.7	81.8	82.8	83.2	83.5	83.8	83.9	83.9	83.9	83.9	84.0	84.2	84.2
≥ 1800	71.2	81.0	82.2	83.2	83.6	83.8	84.2	84.3	84.3	84.3	84.3	84.4	84.6	84.6
≥ 1500	72.1	82.2	83.5	84.5	84.9	85.2	85.5	85.6	85.6	85.6	85.7	85.7	85.9	86.0
≥ 1200	72.6	83.1	84.4	85.6	86.0	86.3	86.6	86.8	86.9	86.9	86.9	86.9	87.2	87.2
≥ 1000	73.2	84.2	85.7	86.9	87.5	87.8	88.1	88.3	88.4	88.4	88.5	88.5	88.8	88.8
≥ 900	73.8	85.2	86.7	87.9	88.5	88.8	89.2	89.5	89.5	89.5	89.6	89.6	89.9	89.9
≥ 800	74.4	86.0	87.7	88.9	89.6	89.9	90.2	90.5	90.6	90.6	90.6	90.6	90.9	90.9
≥ 700	74.7	86.8	88.4	89.6	90.3	90.6	91.0	91.3	91.4	91.4	91.5	91.5	91.7	91.8
≥ 600	75.0	87.4	89.2	90.4	91.2	91.5	91.9	92.2	92.3	92.4	92.4	92.5	92.7	92.7
≥ 500	75.3	88.5	90.3	91.6	92.5	92.9	93.3	93.7	93.8	94.0	94.0	94.0	94.2	94.3
≥ 400	75.6	89.3	91.5	93.0	94.1	94.5	95.2	95.7	95.8	96.1	96.1	96.1	96.4	96.4
≥ 300	75.7	89.7	92.0	93.7	94.9	95.4	96.2	96.8	97.0	97.4	97.4	97.5	97.7	97.8
≥ 200	75.7	89.9	92.2	94.0	95.3	95.8	96.8	97.7	97.8	98.2	98.5	98.7	99.0	99.1
≥ 100	75.7	89.9	92.2	94.0	95.3	95.8	96.8	97.7	97.8	98.3	98.7	98.9	99.4	99.8
≥ 0	75.7	89.9	92.2	94.0	95.3	95.8	96.8	97.7	97.8	98.3	98.7	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2695

25 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP

MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	57.9	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	63.2	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	63.3	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	63.4	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	64.1	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	66.2	70.5	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	68.4	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	69.1	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	70.7	75.9	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	71.3	76.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	71.9	77.7	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	72.6	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	72.9	78.9	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	73.3	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	73.7	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	74.6	81.1	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	75.5	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	76.9	84.2	84.5	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	77.6	85.1	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	78.9	86.9	87.3	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	80.0	88.6	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	80.6	89.7	90.3	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	81.0	90.6	91.2	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	81.3	91.4	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	81.6	92.1	93.0	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	82.0	93.0	94.0	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	82.2	93.7	94.9	95.9	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	82.4	94.5	95.8	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	82.4	94.7	96.2	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	82.4	94.7	96.2	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	82.4	94.7	96.2	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	82.4	94.7	96.2	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

2686

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH: SEP 1200-1400 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	67.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	67.2	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	67.4	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	68.5	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	71.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	72.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	73.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	74.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	75.0	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	75.5	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	76.6	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	77.3	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	79.0	83.0	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	79.9	84.2	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	82.2	86.7	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	83.8	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	85.7	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	86.1	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	87.4	93.3	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	88.2	94.6	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	88.6	95.6	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	88.7	95.8	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	88.9	96.3	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	89.0	96.8	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	89.1	97.3	97.7	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	89.1	97.4	97.8	98.1	98.4	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400	89.2	97.6	98.1	98.4	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	89.2	97.7	98.3	98.6	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	89.2	97.7	98.3	98.6	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	89.2	97.7	98.3	98.6	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	89.2	97.7	98.3	98.6	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2696

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH SEP

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	65.1	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	72.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	72.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	72.9	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000	74.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	76.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	78.4	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	79.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	80.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	80.8	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	81.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	83.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	83.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	85.1	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	86.1	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	87.2	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	87.9	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	88.6	93.7	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	88.9	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	89.3	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	89.7	95.5	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	89.9	96.3	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	90.0	96.4	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	90.1	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	90.1	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	90.2	97.3	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	90.3	97.6	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	90.3	97.6	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	90.3	97.7	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	90.3	97.7	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	90.3	97.7	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	90.3	97.7	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 2695

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP

MONTH
2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	76.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	76.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	76.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	77.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	78.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	82.3	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
≥ 8000	84.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	85.1	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	85.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	87.1	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	89.5
≥ 4500	87.4	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	88.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	88.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	88.9	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	89.2	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
≥ 2000	89.8	93.5	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	90.0	93.7	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	90.4	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	90.9	95.0	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	91.2	95.8	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	91.2	95.9	96.3	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	91.3	96.1	96.5	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	91.4	96.4	96.7	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	91.5	96.6	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	91.7	96.9	97.3	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	91.9	97.4	97.8	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	91.9	97.5	98.1	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	91.9	97.5	98.2	98.4	98.9	99.0	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	91.9	97.6	98.3	98.5	99.0	99.1	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	91.9	97.6	98.3	98.5	99.0	99.1	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9

2696

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72 YEARS

OCT MONTH

0000-0200
-HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.4	72.6	72.8	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	74.4	75.6	75.7	76.0	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 18000	74.5	75.7	75.9	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 16000	74.7	75.9	76.0	76.3	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7
≥ 14000	75.5	76.8	76.9	77.2	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6
≥ 12000	76.9	78.4	78.5	78.8	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2
≥ 10000	78.7	80.4	80.5	80.8	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2
≥ 9000	79.0	80.7	80.9	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 8000	80.1	82.0	82.1	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 7000	80.6	82.6	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 6000	81.5	83.6	83.8	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4
≥ 5000	82.8	85.1	85.3	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	85.2	85.6	85.8	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	84.2	86.6	86.7	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4
≥ 3500	84.9	87.3	87.5	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	85.8	88.4	88.5	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	86.4	89.1	89.3	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	87.5	90.4	90.5	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 1800	87.8	90.7	90.8	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	88.3	91.3	91.4	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1200	88.9	92.1	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1000	89.3	93.1	93.3	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 900	89.5	93.4	93.6	94.1	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
≥ 800	89.6	94.0	94.2	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	89.8	94.4	94.5	95.1	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 600	90.0	94.8	95.0	95.5	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	90.2	95.3	95.5	96.0	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
≥ 400	90.3	95.7	95.9	96.6	97.1	97.3	97.3	97.5	97.6	97.7	97.7	97.7	97.7
≥ 300	90.4	96.0	96.3	97.0	97.7	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.7
≥ 200	90.4	96.0	96.4	97.1	97.8	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.9
≥ 100	90.4	96.0	96.4	97.2	97.9	98.2	98.6	98.7	98.7	99.1	99.1	99.4	99.6
≥ 0	90.4	96.0	96.4	97.2	97.9	98.2	98.6	98.7	98.7	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72

STATION NAME

YEARS

OCT

MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.1	69.7	70.8	70.1	70.3	70.3	70.4	70.4	70.5	70.6	70.6	70.7	70.7	70.9
≥ 20000	70.1	71.6	72.0	72.3	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.8	72.8	73.1
≥ 18000	70.3	72.0	72.2	72.4	72.6	72.6	72.7	72.8	72.8	72.9	72.9	73.0	73.0	73.2
≥ 16000	70.3	72.0	72.2	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.3
≥ 14000	71.3	73.1	73.3	73.6	73.7	73.7	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.3
≥ 12000	72.8	74.8	75.0	75.3	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	76.0
≥ 10000	74.2	76.3	76.5	76.8	77.0	77.0	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.6
≥ 9000	74.8	76.9	77.1	77.4	77.6	77.6	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.2
≥ 8000	76.0	78.3	78.4	78.7	78.9	78.9	79.0	79.0	79.2	79.2	79.3	79.3	79.4	79.6
≥ 7000	76.7	79.0	79.2	79.5	79.6	79.6	79.7	79.7	79.8	79.9	79.9	80.0	80.1	80.3
≥ 6000	77.6	80.2	80.3	80.6	80.8	80.8	80.9	80.9	81.0	81.1	81.1	81.2	81.3	81.5
≥ 5000	79.2	82.0	82.3	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.2	83.2	83.4
≥ 4500	79.6	82.5	82.7	83.0	83.2	83.2	83.3	83.3	83.4	83.5	83.5	83.6	83.7	83.9
≥ 4000	80.5	83.5	83.7	84.1	84.3	84.3	84.4	84.4	84.5	84.6	84.6	84.7	84.8	85.0
≥ 3500	80.8	83.8	84.1	84.5	84.7	84.7	84.8	84.8	84.9	85.0	85.0	85.1	85.2	85.4
≥ 3000	81.3	84.4	84.7	85.1	85.3	85.3	85.4	85.4	85.5	85.6	85.6	85.7	85.8	86.0
≥ 2500	82.0	85.3	85.6	86.1	86.2	86.3	86.4	86.4	86.5	86.6	86.6	86.7	86.8	87.0
≥ 2000	83.0	86.5	86.7	87.2	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.8	87.9	88.1
≥ 1800	83.1	86.6	86.9	87.4	87.5	87.6	87.7	87.7	87.8	87.9	87.9	88.0	88.1	88.3
≥ 1500	84.0	87.5	87.8	88.3	88.5	88.6	88.8	88.8	88.8	88.9	88.9	89.1	89.1	89.3
≥ 1200	85.1	88.8	89.1	89.7	89.9	89.9	90.1	90.1	90.2	90.3	90.3	90.4	90.5	90.7
≥ 1000	85.8	89.7	90.0	90.5	90.7	90.8	90.9	90.9	91.0	91.1	91.1	91.3	91.4	91.5
≥ 900	86.2	90.6	90.9	91.5	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.3	92.4	92.5
≥ 800	86.5	91.3	91.7	92.2	92.4	92.5	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.2
≥ 700	86.7	91.8	92.2	92.7	93.0	93.0	93.2	93.2	93.3	93.4	93.4	93.5	93.6	93.8
≥ 600	87.1	92.8	93.1	93.7	94.0	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.6	94.8
≥ 500	87.4	93.5	93.8	94.4	94.8	94.9	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.6
≥ 400	87.5	94.1	94.5	95.3	95.8	96.1	96.3	96.4	96.5	96.7	96.7	96.8	96.9	97.1
≥ 300	87.6	94.6	95.1	96.0	96.6	96.9	97.3	97.3	97.4	97.6	97.6	97.8	97.9	98.1
≥ 200	87.6	94.7	95.3	96.1	96.8	97.1	97.6	97.7	97.8	98.0	98.1	98.2	98.4	98.7
≥ 100	87.6	94.7	95.3	96.1	96.8	97.1	97.6	97.7	97.8	98.1	98.3	98.5	98.7	99.5
≥ 0	87.6	94.7	95.3	96.1	96.8	97.1	97.6	97.7	97.8	98.1	98.3	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2696

2 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72 YEARS

001 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.3	63.0	63.5	63.8	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.8
≥ 20000	61.0	66.2	66.9	67.1	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	68.1
≥ 18000	61.1	66.3	66.9	67.1	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.8	67.8	68.2
≥ 16000	61.3	66.5	67.1	67.3	67.6	67.8	67.8	67.8	67.8	67.9	67.9	68.0	68.0	68.4
≥ 14000	62.1	67.3	67.9	68.1	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.8	68.8	69.2
≥ 12000	63.6	69.0	69.6	69.8	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.5	70.5	70.9
≥ 10000	65.3	71.1	71.8	72.0	72.4	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	73.3
≥ 9000	65.8	71.7	72.5	72.7	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.5	74.0
≥ 8000	67.2	73.6	74.3	74.6	75.0	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	76.0
≥ 7000	68.0	74.4	75.1	75.4	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.8
≥ 6000	68.7	75.5	76.3	76.6	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	78.0
≥ 5000	69.7	76.9	77.7	78.0	78.4	78.7	78.7	78.7	78.7	78.8	78.8	78.9	78.9	79.3
≥ 4500	70.1	77.4	78.2	78.5	78.9	79.2	79.2	79.3	79.3	79.3	79.4	79.5	79.5	79.9
≥ 4000	70.7	78.3	79.1	79.5	80.0	80.3	80.3	80.3	80.3	80.4	80.4	80.5	80.5	80.9
≥ 3500	71.3	78.9	79.7	80.2	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.6
≥ 3000	71.9	79.7	80.5	80.9	81.4	81.5	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.4
≥ 2500	72.6	80.5	81.4	81.8	82.3	82.6	82.6	82.7	82.7	82.8	82.8	82.9	82.9	83.3
≥ 2000	73.4	81.6	82.5	83.0	83.5	83.6	83.8	83.9	83.9	83.9	84.0	84.1	84.1	84.5
≥ 1800	73.5	81.8	82.8	83.2	83.7	83.8	84.1	84.2	84.2	84.2	84.3	84.4	84.4	84.8
≥ 1500	74.1	82.6	83.8	84.2	84.8	84.9	85.2	85.2	85.2	85.3	85.3	85.4	85.4	86.0
≥ 1200	75.3	84.3	85.3	85.8	86.3	86.4	86.7	86.7	86.8	86.8	86.8	86.9	86.9	87.5
≥ 1000	76.1	85.6	86.6	87.2	87.8	87.9	88.2	88.2	88.3	88.4	88.4	88.5	88.5	89.1
≥ 900	76.5	86.3	87.4	87.9	88.5	88.6	88.9	89.0	89.0	89.2	89.2	89.3	89.3	89.9
≥ 800	77.0	87.5	88.6	89.3	89.9	90.0	90.3	90.4	90.4	90.6	90.6	90.7	90.7	91.3
≥ 700	77.5	88.5	89.6	90.3	90.9	91.0	91.4	91.5	91.5	91.7	91.8	91.9	91.9	92.4
≥ 600	77.9	89.4	90.6	91.2	91.9	92.1	92.5	92.6	92.6	92.9	92.9	93.1	93.1	93.6
≥ 500	78.0	90.1	91.4	92.2	93.2	93.4	93.9	93.9	94.0	94.3	94.3	94.5	94.5	95.0
≥ 400	78.2	90.7	92.1	93.2	94.4	94.5	95.3	95.5	95.6	95.8	95.9	96.0	96.0	96.7
≥ 300	78.3	90.9	92.5	93.6	95.0	95.2	96.2	96.5	96.6	96.9	97.0	97.2	97.2	97.8
≥ 200	78.4	91.2	92.8	93.9	95.4	95.5	96.7	97.0	97.2	97.6	97.7	97.9	97.9	98.7
≥ 100	78.4	91.2	92.8	93.9	95.5	95.6	96.8	97.2	97.4	97.8	98.1	98.4	98.4	99.7
≥ 0	78.4	91.2	92.8	93.9	95.5	95.6	96.8	97.2	97.4	97.8	98.1	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72

STATION NAME

YEARS

OCT MONTH

0900-1100 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.1	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	63.4	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	63.4	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	63.6	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 14000	64.7	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 12000	65.9	70.2	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 10000	67.7	72.3	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	68.0	72.9	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	69.9	75.0	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 7000	70.5	75.9	76.2	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	71.3	76.9	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 5000	72.5	78.4	78.7	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	72.6	78.7	79.1	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 4000	73.2	79.4	79.8	80.1	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	73.7	80.0	80.4	80.7	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	74.4	80.9	81.3	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	75.2	82.0	82.3	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 2000	76.5	83.6	84.0	84.3	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	76.8	84.1	84.5	84.8	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 1500	77.9	85.6	86.1	86.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1200	79.5	88.1	88.6	88.9	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	80.3	89.4	89.9	90.2	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 900	81.0	90.3	90.9	91.2	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 800	81.4	91.2	91.9	92.3	92.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	81.9	92.2	92.9	93.4	94.1	94.1	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 600	82.2	93.0	94.0	94.5	95.2	95.3	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 500	82.2	93.1	94.2	94.9	95.8	96.0	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 400	82.3	93.3	94.6	95.3	96.4	96.6	97.3	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥ 300	82.3	93.6	95.0	95.8	97.1	97.3	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 200	82.3	93.8	95.2	96.0	97.3	97.6	98.6	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.4
≥ 100	82.3	93.8	95.2	96.0	97.3	97.6	98.6	99.0	99.1	99.3	99.3	99.5	99.5	99.6	99.6
≥ 0	82.3	93.8	95.2	96.0	97.3	97.6	98.6	99.0	99.1	99.3	99.3	99.5	99.5	99.6	99.7
0	82.3	93.8	95.2	96.0	97.3	97.6	98.6	99.0	99.1	99.3	99.3	99.5	99.5	99.6	99.7

2694

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY 43-70,72 STATION NAME: YEARS: MONTH: OCT HOURS (LST): 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	60.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	68.0	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	68.1	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	68.4	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	69.6	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	71.3	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	73.6	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	74.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	75.3	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	75.7	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	76.8	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	77.9	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	78.4	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	79.9	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	80.8	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	82.3	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	83.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	85.0	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	85.4	89.5	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	86.8	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	87.9	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	88.4	94.3	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	88.5	94.6	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	88.7	95.1	95.5	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	89.0	95.6	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	89.1	95.8	96.4	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	89.3	96.3	96.9	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	89.4	96.6	97.5	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	89.5	96.7	97.6	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	89.5	96.8	97.7	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	89.5	96.8	97.7	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	89.5	96.8	97.7	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

2691

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-70,72 YEARS MONTH UCT 1500-1700 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STAT. IN TE MILES)														
	< 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	62.6	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	70.5	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	70.7	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	70.8	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	72.4	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	74.1	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	77.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	79.2	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	79.7	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	80.2	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	81.3	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	84.5
≥ 4500	82.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	83.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	84.5	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	85.9	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	87.1	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	88.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	88.3	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	89.1	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	89.8	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	90.0	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	90.1	95.4	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	90.1	95.7	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	90.3	96.0	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	90.3	96.4	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	90.3	96.5	97.1	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	90.4	96.7	97.4	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	90.5	96.8	97.6	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	90.5	96.9	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	90.5	96.9	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	90.5	96.9	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

UCT

STATION NAME

MONTH

1800-2000
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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	74.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	74.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	75.0	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	76.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	77.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	80.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	80.9	83.3	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
≥ 8000	82.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	83.0	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	83.5	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	84.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	85.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	86.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	86.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	87.8	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	88.6	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	89.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	89.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	90.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	91.0	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	91.2	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	91.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	91.3	96.5	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	91.4	96.5	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	91.5	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	91.6	97.2	97.4	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	91.7	97.5	97.8	98.0	98.3	98.4	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8
≥ 300	91.7	97.7	98.0	98.2	98.6	98.7	98.7	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4
≥ 200	91.7	97.7	98.1	98.4	98.7	98.8	98.8	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9
≥ 100	91.7	97.7	98.2	98.4	98.8	98.9	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	91.7	97.7	98.2	98.4	98.8	98.9	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0

2693

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME: TINKER AFB OK/OKLAHOMA CITY
 YEARS: 43-72 MONTH: OCT
 HOURS (LST): 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	71.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 20000	76.0	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	76.1	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	76.3	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 14000	77.2	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 12000	78.2	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 10000	80.5	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 9000	81.2	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.4
≥ 8000	82.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 7000	83.1	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 6000	83.8	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 5000	85.1	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 4500	85.7	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 4000	86.5	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 3500	86.9	89.7	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 3000	87.8	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 2500	88.5	91.5	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 2000	89.6	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1800	89.8	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1500	90.6	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 1200	91.1	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 1000	91.3	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 900	91.4	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 800	91.6	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 700	91.7	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 600	91.8	96.3	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 500	92.0	96.6	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 400	92.1	96.9	97.3	97.4	97.6	97.8	97.9	98.0	98.0	98.1	98.2	98.2	98.2	98.3
≥ 300	92.2	97.3	97.7	97.9	98.1	98.3	98.5	98.6	98.6	98.8	98.9	98.9	99.0	99.1
≥ 200	92.2	97.3	97.8	98.0	98.4	98.6	98.8	99.0	99.0	99.1	99.4	99.4	99.6	99.7
≥ 100	92.2	97.3	97.8	98.1	98.4	98.6	99.0	99.1	99.1	99.4	99.6	99.6	99.9	100.0
≥ 0	92.2	97.3	97.8	98.1	98.4	98.6	99.0	99.1	99.1	99.4	99.6	99.6	99.9	100.0

2697

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NDV MONTH

0000-0200 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	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	68.6	69.6	69.7	69.8	69.9	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
≥ 20000	71.6	72.8	72.8	72.9	73.0	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 18000	71.6	72.6	72.9	73.0	73.1	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 16000	71.8	73.0	73.0	73.1	73.2	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7
≥ 14000	72.0	73.2	73.2	73.4	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 12000	72.9	74.1	74.1	74.2	74.3	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
≥ 10000	73.8	75.1	75.1	75.3	75.3	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8
≥ 9000	74.4	75.7	75.7	75.8	75.9	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4
≥ 8000	75.2	76.4	76.5	76.6	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
≥ 7000	75.9	77.2	77.2	77.3	77.4	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 6000	76.3	77.7	77.7	77.8	77.9	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4
≥ 5000	77.2	78.6	78.7	78.8	78.9	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
≥ 4500	77.7	79.1	79.2	79.3	79.4	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
≥ 4000	78.5	79.9	80.0	80.1	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 3500	79.3	80.8	80.9	81.1	81.2	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 3000	80.2	81.8	82.0	82.1	82.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.8	82.8
≥ 2500	81.4	83.1	83.3	83.4	83.5	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 2000	82.4	84.4	84.6	84.8	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
≥ 1800	82.8	85.0	85.3	85.4	85.5	85.5	85.7	85.9	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.1
≥ 1500	84.6	87.0	87.3	87.4	87.5	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 1200	85.4	88.1	88.3	88.5	88.6	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.2	89.2
≥ 1000	86.3	89.4	89.6	89.8	89.9	89.9	90.0	90.2	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.6
≥ 900	86.6	89.8	90.0	90.2	90.3	90.4	90.6	90.8	90.8	90.9	90.9	90.9	91.0	91.1	91.1	91.1
≥ 800	86.9	90.5	90.8	91.1	91.2	91.2	91.5	91.7	91.7	91.8	91.8	91.8	91.9	92.0	92.0	92.0
≥ 700	87.2	91.1	91.3	91.6	91.8	91.8	92.1	92.3	92.3	92.4	92.4	92.5	92.6	92.7	92.7	92.7
≥ 600	87.6	91.8	92.2	92.6	92.9	92.9	93.2	93.4	93.4	93.6	93.6	93.6	93.7	93.8	93.8	93.8
≥ 500	87.8	92.3	92.8	93.3	93.7	93.8	94.2	94.5	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8
≥ 400	87.8	92.9	93.5	94.3	94.9	94.9	95.3	95.6	95.6	95.7	95.8	95.8	95.9	96.0	96.0	96.0
≥ 300	87.9	93.4	94.2	95.0	95.8	95.8	96.4	96.7	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2
≥ 200	87.9	93.9	94.6	95.6	96.7	96.7	97.4	97.8	97.8	98.1	98.3	98.4	98.4	98.5	98.5	98.5
≥ 100	87.9	93.9	94.6	95.6	96.8	96.8	97.6	98.0	98.0	98.4	98.7	98.8	98.8	99.0	99.0	99.0
≥ 0	87.9	93.9	94.6	95.6	96.8	96.8	97.6	98.0	98.0	98.4	98.7	98.8	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2687

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV
MONTH

0300-0500
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	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	65.6	66.9	67.1	67.3	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.9
≥ 20000	68.7	70.2	70.4	70.7	70.8	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.3
≥ 18000	68.8	70.3	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 16000	69.2	70.8	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 14000	69.9	71.5	71.7	71.9	72.0	72.1	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.5	72.5
≥ 12000	70.8	72.3	72.5	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.4
≥ 10000	72.1	73.7	73.9	74.1	74.3	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 9000	72.8	74.5	74.7	74.9	75.0	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 8000	73.7	75.3	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.3	76.3	76.4
≥ 7000	74.3	76.0	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 6000	74.7	76.6	76.8	77.0	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 5000	75.3	77.3	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 4500	75.7	77.8	78.0	78.3	78.4	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.8	78.8	78.9
≥ 4000	76.2	78.3	78.5	78.7	78.8	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 3500	76.9	79.0	79.2	79.5	79.6	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	80.0	80.1
≥ 3000	77.8	79.9	80.1	80.3	80.4	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 2500	78.7	80.8	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 2000	80.1	82.4	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.6
≥ 1800	80.5	83.1	83.3	83.6	83.7	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.2	84.2	84.3
≥ 1500	81.5	84.4	84.6	84.9	85.0	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.6
≥ 1200	83.2	86.4	86.6	86.9	87.1	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.6	87.6	87.7
≥ 1000	84.3	87.9	88.2	88.6	88.8	88.9	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.4	89.4	89.4
≥ 900	84.7	88.5	88.9	89.2	89.4	89.5	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 800	85.4	89.5	89.9	90.3	90.5	90.6	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.1	91.1	91.2
≥ 700	85.7	90.1	90.4	90.8	91.0	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.7	91.7	91.8
≥ 600	86.0	90.8	91.2	91.6	91.9	92.0	92.2	92.2	92.2	92.5	92.5	92.5	92.6	92.7	92.7	92.7
≥ 500	86.2	91.6	92.0	92.5	92.8	92.9	93.1	93.1	93.1	93.4	93.4	93.4	93.5	93.6	93.6	93.6
≥ 400	86.3	92.2	92.9	93.5	93.9	94.0	94.2	94.3	94.3	94.6	94.6	94.6	94.7	94.8	94.8	94.9
≥ 300	86.3	92.6	93.5	94.2	94.8	95.1	95.5	95.6	95.6	95.9	95.9	96.0	96.1	96.1	96.2	96.2
≥ 200	86.3	92.9	93.9	94.7	95.5	95.8	96.4	96.7	96.7	97.4	97.4	97.5	97.6	97.7	97.9	98.0
≥ 100	86.3	93.0	93.9	94.8	95.6	95.9	96.6	96.9	96.9	97.8	97.8	98.0	98.1	98.4	98.7	98.9
≥ 0	86.3	93.0	93.9	94.8	95.6	95.9	96.6	96.9	96.9	97.9	98.1	98.3	98.5	98.7	99.1	100.0

2688

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME YEARS MONTH NOV
0900-1100
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	57.9	57.9	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.6
≥ 20000	61.3	65.8	65.9	66.1	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.6
≥ 18000	61.5	66.2	66.2	66.4	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8	67.0
≥ 16000	62.0	66.6	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.4
≥ 14000	62.6	67.3	67.4	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9	67.9	68.1
≥ 12000	64.5	69.4	69.6	69.8	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.3
≥ 10000	66.1	71.2	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.2
≥ 9000	66.5	71.6	71.8	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.5
≥ 8000	67.4	72.7	72.9	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.7
≥ 7000	68.2	73.7	74.0	74.3	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.9
≥ 6000	69.0	74.6	74.9	75.2	75.3	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.7	75.9
≥ 5000	69.6	75.7	76.0	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.8	76.8	77.0
≥ 4500	70.0	76.2	76.5	76.9	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.5
≥ 4000	70.7	76.9	77.3	77.6	77.7	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.2
≥ 3500	71.2	77.5	77.8	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.6	78.8
≥ 3000	71.9	78.3	78.7	79.1	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.7
≥ 2500	72.4	79.1	79.5	79.9	80.0	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.4	80.6
≥ 2000	73.8	80.8	81.3	81.7	81.8	81.8	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.4
≥ 1800	74.4	81.5	81.9	82.3	82.4	82.4	82.5	82.7	82.7	82.7	82.7	82.8	82.8	83.0
≥ 1500	75.9	83.5	83.9	84.3	84.4	84.4	84.5	84.7	84.7	84.7	84.8	84.9	84.9	85.1
≥ 1200	77.4	85.9	86.4	86.8	87.0	87.0	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.6
≥ 1000	78.3	87.4	88.0	88.4	88.6	88.6	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.2
≥ 900	78.6	87.9	88.5	89.0	89.1	89.2	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.8
≥ 800	79.1	89.3	90.0	90.5	90.8	90.8	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.6
≥ 700	79.1	89.9	90.8	91.4	91.6	91.7	91.8	92.0	92.1	92.1	92.1	92.2	92.3	92.4
≥ 600	79.4	90.5	91.6	92.2	92.5	92.6	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.6
≥ 500	79.5	90.9	92.1	92.8	93.3	93.4	93.7	94.0	94.0	94.1	94.2	94.3	94.3	94.5
≥ 400	79.5	91.6	92.8	93.7	94.5	94.7	95.2	95.7	95.8	95.9	96.1	96.2	96.2	96.4
≥ 300	79.5	91.8	93.1	94.3	95.2	95.5	96.2	96.9	97.1	97.4	97.6	97.8	97.8	98.0
≥ 200	79.5	91.8	93.1	94.4	95.4	95.6	96.6	97.5	97.6	98.1	98.4	98.5	98.5	98.8
≥ 100	79.5	91.8	93.1	94.4	95.4	95.6	96.6	97.5	97.6	98.2	98.5	98.7	98.7	99.0
≥ 0	79.5	91.8	93.1	94.4	95.4	95.6	96.6	97.5	97.6	98.2	98.5	98.7	98.7	99.4
≥ 0	79.5	91.8	93.1	94.4	95.4	95.6	96.6	97.5	97.6	98.2	98.5	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV

1950-1400
1951-57

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	67.0	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	67.1	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	67.3	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	68.7	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
≥ 12000	70.3	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	72.2	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	72.7	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	73.9	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	74.3	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	75.2	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	75.8	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	76.1	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	76.7	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	77.6	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	78.6	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
≥ 2500	79.8	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	81.7	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	82.5	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	84.1	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	85.4	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	85.9	92.1	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	86.1	92.6	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	86.4	93.3	93.7	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	86.5	94.0	94.5	94.6	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	86.5	94.4	94.9	95.1	95.3	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	86.7	94.8	95.5	95.7	96.1	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	86.7	94.9	95.7	96.1	96.5	96.7	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	86.7	95.1	95.9	96.4	97.0	97.2	98.1	98.5	98.6	98.7	98.8	98.8	98.8	98.8
≥ 200	86.7	95.1	95.9	96.4	97.0	97.2	98.3	98.8	98.9	99.3	99.5	99.6	99.7	99.7
≥ 100	86.7	95.1	95.9	96.4	97.0	97.2	98.3	98.8	99.0	99.3	99.6	99.8	99.9	99.9
≥ 0	86.7	95.1	95.9	96.4	97.0	97.2	98.3	98.8	99.0	99.3	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2690

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

NOV

MONTH

2,500-1700
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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	69.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	69.7	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
≥ 16000	69.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	71.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	73.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 10000	74.8	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 9000	75.3	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	76.0	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	76.8	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	77.2	79.9	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
≥ 5000	77.8	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	78.5	81.5	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
≥ 4000	79.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	80.6	83.8	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
≥ 3000	81.8	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	82.9	86.6	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
≥ 2000	84.8	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	85.3	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	86.4	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	87.1	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	87.6	92.8	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	87.6	93.3	93.5	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	87.8	93.7	94.0	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	87.9	94.0	94.3	94.7	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	87.9	94.4	94.7	95.1	95.4	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	87.9	94.7	95.0	95.5	95.9	96.1	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 400	88.1	95.0	95.5	96.1	96.7	96.9	97.3	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8
≥ 300	88.2	95.5	96.0	96.6	97.3	97.5	98.2	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1
≥ 200	88.2	95.5	96.0	96.7	97.5	97.7	98.5	98.9	99.0	99.5	99.7	99.8	99.9	99.9	99.9
≥ 100	88.2	95.5	96.0	96.7	97.5	97.7	98.5	98.9	99.0	99.5	99.8	99.8	99.9	99.9	99.9
≥ 0	88.2	95.5	96.0	96.7	97.5	97.7	98.5	98.9	99.0	99.5	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2693

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV

MONTH

1800-2000
HOURS LT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.5	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	72.7	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	73.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	73.1	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	74.2	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	76.3	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	77.8	79.5	79.5	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	78.2	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	78.9	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	79.4	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	79.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	80.6	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	81.3	83.5	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	82.2	84.5	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	82.9	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	83.6	86.3	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	84.5	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	86.1	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	89.9
≥ 1800	86.7	90.1	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	87.4	91.2	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	88.1	92.1	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	88.3	92.8	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	88.4	93.1	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	88.6	93.6	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	88.7	94.1	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	88.8	94.4	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	88.8	94.6	94.9	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	89.0	95.2	95.6	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	89.0	95.3	95.7	96.3	96.9	97.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	89.0	95.5	95.9	96.5	97.3	97.4	97.9	98.4	98.7	99.1	99.2	99.2	99.2	99.2	99.2
≥ 100	89.0	95.5	95.9	96.5	97.3	97.4	97.9	98.4	98.7	99.2	99.4	99.5	99.6	99.7	99.7
≥ 0	89.0	95.5	95.9	96.5	97.3	97.4	97.9	98.4	98.7	99.2	99.4	99.5	99.6	99.7	99.7

2684

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

43-72 YEARS

NOV MONTH

2100-2300 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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.5	70.6	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0
≥ 20000	73.8	75.2	75.2	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	74.0	75.4	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 16000	74.2	75.6	75.6	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	74.7	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5
≥ 12000	75.7	77.1	77.1	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	76.9	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7
≥ 9000	77.2	78.6	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
≥ 8000	77.9	79.3	79.3	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	78.8	80.2	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	79.6	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	80.3	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 4500	81.1	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	81.6	83.3	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	82.4	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	82.9	85.1	85.1	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	83.5	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	84.7	87.3	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	85.4	88.0	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	86.6	89.4	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	87.3	90.4	90.5	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	87.8	91.3	91.6	91.7	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	88.1	91.9	92.2	92.4	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	88.4	92.3	92.6	92.8	93.0	93.0	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	88.5	92.6	93.1	93.3	93.5	93.5	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	88.8	93.2	93.6	93.9	94.2	94.2	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	88.8	93.6	94.2	94.5	94.8	94.9	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	88.9	94.0	94.7	95.1	95.4	95.5	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	89.0	94.6	95.3	95.8	96.4	96.5	97.2	97.4	97.4	97.8	98.0	98.0	98.0	98.0	98.0
≥ 200	89.1	94.8	95.5	96.1	96.7	96.8	97.5	97.9	97.9	98.4	98.7	98.7	98.7	98.7	98.7
≥ 100	89.1	94.8	95.5	96.1	96.8	96.9	97.6	98.0	98.1	98.8	99.3	99.4	99.4	99.4	99.4
≥ 0	89.1	94.8	95.5	96.1	96.8	96.9	97.6	98.0	98.1	98.8	99.4	99.4	99.4	99.4	99.4

2688

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

42-72 YEARS

DEC MONTH

0000-0200 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	62.0	62.2	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.9
≥ 20000	64.6	66.4	66.6	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.5
≥ 18000	64.7	66.5	66.7	66.8	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.6
≥ 16000	65.0	66.8	67.1	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.7	67.9
≥ 14000	65.7	67.6	67.8	67.9	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.7
≥ 12000	66.6	68.5	68.8	68.9	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.7
≥ 10000	67.5	69.4	69.7	69.8	69.8	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.6
≥ 9000	68.0	70.0	70.2	70.3	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.9	71.1
≥ 8000	68.9	70.9	71.2	71.3	71.4	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.9	72.1
≥ 7000	69.3	71.4	71.7	71.8	71.9	71.9	72.1	72.2	72.2	72.3	72.3	72.4	72.5	72.6
≥ 6000	69.8	71.9	72.3	72.3	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.9	73.2
≥ 5000	71.2	73.5	73.8	73.9	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.7
≥ 4500	71.8	74.1	74.4	74.5	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.4
≥ 4000	72.4	74.7	75.1	75.2	75.4	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9	76.1
≥ 3500	73.0	75.3	75.7	75.8	76.0	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.7
≥ 3000	73.7	76.2	76.5	76.7	76.8	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.6
≥ 2500	74.3	77.0	77.4	77.5	77.7	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.4
≥ 2000	75.5	78.5	79.0	79.3	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.2
≥ 1800	76.0	79.0	79.6	79.9	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.8
≥ 1500	76.8	80.3	80.9	81.2	81.4	81.4	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.3
≥ 1200	77.4	81.3	81.9	82.2	82.4	82.4	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.3
≥ 1000	78.2	82.6	83.1	83.6	83.7	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.6	84.8
≥ 900	78.6	83.4	84.0	84.4	84.6	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.4	85.7
≥ 800	79.2	84.4	85.0	85.5	85.7	85.8	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.9
≥ 700	79.4	85.1	85.7	86.2	86.5	86.6	87.0	87.2	87.2	87.3	87.3	87.3	87.5	87.7
≥ 600	79.6	85.8	86.5	87.1	87.3	87.5	87.9	88.2	88.2	88.4	88.4	88.4	88.5	88.8
≥ 500	79.9	86.5	87.4	88.0	88.4	88.7	89.2	89.5	89.5	89.9	89.9	89.9	90.1	90.5
≥ 400	80.0	87.2	88.5	89.2	89.7	90.0	90.7	91.0	91.1	91.6	91.7	91.7	91.8	92.3
≥ 300	80.1	87.6	89.0	89.9	90.7	91.1	92.0	92.6	92.7	93.2	93.3	93.3	93.5	94.0
≥ 200	80.1	87.7	89.1	90.3	91.5	92.0	93.1	94.1	94.2	94.8	95.2	95.2	95.4	95.9
≥ 100	80.1	87.7	89.2	90.3	91.7	92.2	93.3	94.3	94.5	95.2	95.8	95.8	96.4	97.7
≥ 0	80.1	87.7	89.2	90.4	91.8	92.3	93.4	94.4	94.6	95.3	95.9	95.9	96.6	100.0

2829

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

42-72 YEARS

DEC MONTH

0300-0500 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	56.7	58.6	59.0	59.1	59.2	59.3	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.9
≥ 20000	60.8	62.8	63.3	63.3	63.4	63.6	63.7	63.8	63.8	63.8	63.8	63.9	63.9	64.2
≥ 18000	60.9	62.9	63.4	63.4	63.5	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.4
≥ 16000	61.0	63.1	63.6	63.7	63.8	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.6
≥ 14000	62.2	64.3	64.8	64.8	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.7
≥ 12000	63.2	65.3	65.8	65.8	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.8
≥ 10000	64.0	66.2	66.7	66.7	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.7
≥ 9000	64.5	66.7	67.2	67.3	67.4	67.6	67.7	67.8	67.8	67.9	67.9	67.9	68.0	68.3
≥ 8000	65.6	67.8	68.3	68.4	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.3
≥ 7000	66.3	68.7	69.2	69.2	69.3	69.6	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.2
≥ 6000	66.8	69.2	69.7	69.7	69.9	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.8
≥ 5000	68.0	70.4	70.9	71.0	71.1	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7	72.0
≥ 4500	68.8	71.4	71.9	72.0	72.1	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.8	73.0
≥ 4000	69.5	72.2	72.7	72.8	73.0	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.6	73.9
≥ 3500	70.0	72.9	73.4	73.5	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.3	74.5
≥ 3000	70.7	73.8	74.3	74.4	74.6	74.8	74.9	75.0	75.0	75.0	75.1	75.1	75.2	75.5
≥ 2500	71.7	74.9	75.5	75.6	75.8	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.7
≥ 2000	73.2	76.5	77.1	77.3	77.5	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.2	78.4
≥ 1800	73.9	77.4	78.0	78.1	78.3	78.5	78.7	78.8	78.8	78.8	78.8	78.9	79.0	79.2
≥ 1500	75.2	79.1	79.6	79.8	80.0	80.2	80.4	80.5	80.5	80.5	80.5	80.6	80.7	80.9
≥ 1200	76.2	80.6	81.2	81.4	81.6	81.8	82.0	82.1	82.2	82.2	82.2	82.3	82.4	82.6
≥ 1000	77.0	82.0	82.6	82.8	83.0	83.2	83.5	83.6	83.6	83.6	83.7	83.8	83.9	84.1
≥ 900	77.3	82.6	83.3	83.5	83.8	84.0	84.2	84.4	84.4	84.5	84.5	84.6	84.7	84.9
≥ 800	77.6	83.2	83.9	84.1	84.4	84.6	84.9	85.1	85.1	85.2	85.3	85.3	85.5	85.7
≥ 700	77.9	83.8	84.5	84.7	85.1	85.3	85.6	85.7	85.8	85.9	86.0	86.0	86.2	86.4
≥ 600	78.2	84.5	85.2	85.6	86.0	86.2	86.5	86.8	86.8	87.0	87.1	87.2	87.3	87.5
≥ 500	78.3	85.2	86.1	86.5	86.9	87.2	87.6	87.9	88.0	88.3	88.5	88.6	88.8	89.0
≥ 400	78.5	85.9	86.9	87.5	88.1	88.4	89.0	89.3	89.5	90.0	90.3	90.4	90.6	90.8
≥ 300	78.6	86.4	87.5	88.3	89.4	89.8	90.7	91.1	91.4	91.9	92.3	92.4	92.7	92.9
≥ 200	78.6	86.6	88.0	88.9	90.3	90.9	92.1	92.7	93.1	93.9	94.5	94.8	95.3	95.5
≥ 100	78.6	86.6	88.0	88.9	90.4	90.9	92.2	92.9	93.3	94.3	95.2	96.0	96.3	96.9
≥ 0	78.6	86.6	88.0	88.9	90.4	90.9	92.2	92.9	93.3	94.3	95.3	96.2	96.4	97.2

TOTAL NUMBER OF OBSERVATIONS

2831

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1.919 TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS

MONTH DEC

0600-0800
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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.5	54.1	54.4	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.5
≥ 20000	55.2	59.1	59.5	59.8	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.7
≥ 18000	55.3	59.2	59.5	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.7
≥ 16000	55.5	59.4	59.8	60.1	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	61.0
≥ 14000	56.8	60.7	61.1	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.3
≥ 12000	58.2	62.1	62.5	62.8	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.7
≥ 10000	59.7	63.8	64.2	64.5	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.5
≥ 9000	60.1	64.3	64.7	65.0	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.9
≥ 8000	61.2	65.4	65.8	66.2	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.8	67.1
≥ 7000	61.8	66.1	66.5	66.9	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.9
≥ 6000	62.5	66.8	67.2	67.5	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.2	68.5
≥ 5000	63.3	67.9	68.3	68.6	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.7
≥ 4500	64.1	68.9	69.3	69.7	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.7
≥ 4000	64.5	69.3	69.7	70.1	70.5	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.9	71.2
≥ 3500	65.2	70.1	70.5	70.9	71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.7	72.0
≥ 3000	66.1	71.2	71.7	72.0	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.9	73.2
≥ 2500	66.9	72.1	72.6	72.9	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.8	74.1
≥ 2000	68.5	73.8	74.4	74.8	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.6	76.0
≥ 1800	69.0	74.4	75.0	75.4	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.6
≥ 1500	70.2	75.9	76.5	77.0	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9	78.2
≥ 1200	71.6	77.7	78.4	78.9	79.3	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8	80.1
≥ 1000	72.5	79.2	80.0	80.6	81.0	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.9
≥ 900	72.7	79.6	80.5	81.0	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.2	82.5
≥ 800	73.3	81.0	81.9	82.6	83.2	83.3	83.5	83.6	83.6	83.7	83.8	83.8	83.9	84.2
≥ 700	73.7	81.6	82.6	83.4	84.1	84.1	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.3
≥ 600	73.9	82.2	83.3	84.2	84.9	84.9	85.1	85.3	85.3	85.4	85.6	85.7	85.9	86.2
≥ 500	74.1	83.1	84.3	85.2	86.0	86.1	86.5	86.7	86.7	86.9	87.2	87.3	87.4	87.8
≥ 400	74.4	83.8	85.2	86.3	87.2	87.3	87.8	88.1	88.2	88.5	88.9	89.0	89.1	89.5
≥ 300	74.4	83.9	85.6	87.0	88.3	88.6	89.5	90.1	90.3	90.9	91.3	91.6	91.8	92.1
≥ 200	74.4	84.2	85.9	87.4	88.9	89.3	90.3	91.2	91.5	92.3	93.0	93.7	94.1	94.5
≥ 100	74.4	84.2	85.9	87.5	88.9	89.3	90.5	91.5	91.9	92.9	93.8	94.9	95.2	96.9
≥ 0	74.4	84.2	85.9	87.5	88.9	89.3	90.5	91.5	91.9	92.9	93.8	94.9	95.2	96.9

TOTAL NUMBER OF OBSERVATIONS 2828

2 +

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

13919 STATION

TINKER AFB OK/OKLAHOMA CITY STATION NAME

42-72 YEARS

DEC MONTH

0900-1100 HOURS TEST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	51.5	51.6	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	54.5	59.0	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 18000	54.6	59.1	59.2	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 16000	55.1	59.7	59.8	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	55.5	60.2	60.3	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	57.7	62.8	62.9	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	59.4	64.6	64.7	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	59.6	65.0	65.1	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	60.6	66.2	66.4	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 7000	60.9	66.7	66.9	67.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	61.7	67.5	67.7	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 5000	62.3	68.4	68.7	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 4500	62.7	68.9	69.1	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 4000	63.4	69.9	70.1	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 3500	63.9	70.3	70.6	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	64.6	71.2	71.4	71.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 2500	65.2	71.8	72.0	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 2000	66.1	73.0	73.3	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 1800	66.6	73.5	73.8	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
≥ 1500	67.6	75.2	75.7	76.3	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1200	69.0	77.3	77.8	78.5	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 1000	70.1	79.6	80.1	80.9	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 900	70.4	80.4	80.9	81.8	82.2	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 800	70.8	81.5	82.1	83.1	83.6	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0
≥ 700	71.3	82.5	83.4	84.4	85.0	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.7
≥ 600	71.6	83.3	84.4	85.7	86.4	86.5	86.8	86.9	86.9	87.1	87.2	87.2	87.2	87.2
≥ 500	71.9	83.9	85.2	86.6	87.6	87.8	88.4	88.9	88.9	89.3	89.5	89.5	89.5	89.6
≥ 400	72.0	84.5	85.9	87.6	88.9	89.1	90.1	90.8	91.0	91.5	91.7	91.7	91.8	91.9
≥ 300	72.1	84.6	86.2	88.0	89.5	89.9	91.2	92.3	92.6	93.4	93.7	93.7	93.9	94.2
≥ 200	72.1	84.7	86.4	88.2	89.9	90.2	91.7	93.1	93.5	94.7	95.3	95.4	95.9	96.7
≥ 100	72.1	84.7	86.4	88.2	89.9	90.2	91.7	93.1	93.8	95.2	95.8	96.0	96.7	97.1
≥ 0	72.1	84.7	86.4	88.2	89.9	90.2	91.7	93.1	93.8	95.2	95.8	96.0	96.7	97.1

2839

TOTAL NUMBER OF OBSERVATIONS

20 +

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH: DEC 1200-1400 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.5	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	60.2	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	60.4	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	60.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	61.4	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	63.5	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	65.3	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	65.7	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	66.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	67.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	67.7	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	68.4	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	69.0	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	69.4	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	69.9	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000	70.5	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	71.5	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	72.9	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	73.2	78.0	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1500	74.7	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	76.1	82.3	82.6	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1000	77.0	84.6	85.1	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	77.4	85.6	86.1	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	77.8	86.7	87.1	87.6	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 700	78.0	87.4	88.0	88.6	88.8	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	78.1	87.9	88.8	89.6	90.0	90.2	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9
≥ 500	78.2	88.5	89.6	90.6	91.5	91.7	92.4	92.7	92.8	93.0	93.0	93.0	93.0	93.0
≥ 400	78.3	89.1	90.4	91.5	92.5	92.9	94.2	94.7	94.8	95.0	95.1	95.1	95.1	95.1
≥ 300	78.3	89.1	90.4	91.7	92.8	93.3	94.7	95.6	95.9	96.3	96.6	96.8	96.8	96.8
≥ 200	78.3	89.1	90.4	91.7	92.9	93.4	95.0	96.1	96.5	97.2	97.8	98.1	98.2	98.2
≥ 100	78.3	89.1	90.4	91.7	92.9	93.4	95.0	96.2	96.6	97.4	98.2	98.7	98.9	98.9
≥ 0	78.3	89.1	90.4	91.7	92.9	93.4	95.0	96.2	96.6	97.4	98.2	98.8	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS 2833

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH: DEC
1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	62.1	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	62.2	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	62.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	63.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	65.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	67.3	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	67.7	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	68.8	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	69.3	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
≥ 6000	70.0	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	70.6	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	71.1	75.2	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	71.9	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	72.6	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	73.4	78.2	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	74.6	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	75.6	80.7	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	75.9	81.1	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	77.2	83.1	83.5	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	78.1	85.1	85.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1000	78.7	86.4	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	79.1	87.2	87.7	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	79.3	87.7	88.4	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	79.4	88.1	88.8	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 600	79.4	88.3	89.0	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 500	79.5	88.8	89.8	91.5	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 400	79.5	88.9	90.1	91.9	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 300	79.5	89.0	90.2	92.3	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 200	79.5	89.0	90.2	92.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100	79.5	89.0	90.2	92.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 0	79.5	89.0	90.2	92.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS 2836

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS DEC MONTH
 1800-2000 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	56.5	59.3	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	62.6	65.8	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 18000	62.7	65.9	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 16000	63.2	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 14000	63.9	67.2	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 12000	65.9	69.3	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 10000	67.0	70.6	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 9000	67.4	71.1	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 8000	68.3	71.9	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	69.1	73.0	73.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	69.8	73.7	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 5000	70.9	75.1	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 500	71.5	75.8	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	72.1	76.3	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 3500	72.5	77.0	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 3000	73.4	78.1	78.3	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	74.5	79.5	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 2000	75.5	80.9	81.1	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	75.8	81.4	81.7	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	76.6	82.8	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 1200	78.0	84.6	85.0	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 1000	78.7	85.7	86.3	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	78.9	86.3	86.9	87.4	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	79.1	86.9	87.6	88.1	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 700	79.3	87.6	88.4	89.0	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 600	79.5	88.3	89.1	90.1	90.7	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 500	79.6	88.9	89.9	91.0	91.7	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 400	79.7	89.4	90.6	92.0	92.9	93.1	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	79.7	89.5	90.7	92.3	93.4	93.7	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	79.7	89.6	90.9	92.5	93.6	93.9	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100	79.7	89.6	90.9	92.6	93.8	94.1	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	79.7	89.6	90.9	92.6	93.8	94.1	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS 2820

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION: TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS: DEC
2100-2300 HOURS, U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	59.8	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.7
≥ 20000	64.8	66.9	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.8
≥ 18000	65.0	67.1	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	68.0
≥ 16000	65.5	67.6	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.5
≥ 14000	66.0	68.1	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	69.0
≥ 12000	67.5	69.7	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.6
≥ 10000	68.9	71.1	71.3	71.5	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	72.1
≥ 9000	69.4	71.6	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.6
≥ 8000	70.1	72.4	72.6	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.4
≥ 7000	70.7	73.3	73.6	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.3
≥ 6000	71.1	73.8	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.9
≥ 5000	72.1	74.9	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	76.0
≥ 4500	72.7	75.5	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.6
≥ 4000	73.3	76.3	76.6	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.4
≥ 3500	73.8	76.8	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.9
≥ 3000	74.5	77.7	78.0	78.2	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.8	78.9
≥ 2500	75.6	78.9	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.1
≥ 2000	76.7	80.2	80.6	80.8	81.0	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.6
≥ 1800	77.1	80.8	81.2	81.4	81.7	81.7	81.7	81.8	81.8	81.9	82.0	82.0	82.1	82.2	82.2
≥ 1500	77.7	81.9	82.3	82.6	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.3	83.3	83.4
≥ 1200	78.9	83.4	83.9	84.2	84.5	84.5	84.6	84.7	84.7	84.8	84.8	84.9	85.0	85.1	85.1
≥ 1000	79.9	84.8	85.3	85.7	85.9	85.9	86.0	86.1	86.2	86.3	86.3	86.4	86.5	86.6	86.7
≥ 900	80.1	85.2	85.7	86.1	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.9	87.0	87.0	87.1
≥ 800	80.3	85.7	86.6	87.0	87.3	87.3	87.3	87.6	87.6	87.7	87.8	87.8	87.9	88.0	88.1
≥ 700	80.6	86.2	87.1	87.6	88.0	88.0	88.1	88.3	88.3	88.5	88.5	88.6	88.7	88.8	88.8
≥ 600	80.8	86.7	87.8	88.5	88.9	88.9	89.1	89.4	89.4	89.6	89.7	89.7	89.8	89.9	90.0
≥ 500	80.9	87.2	88.5	89.3	89.7	89.7	89.9	90.2	90.5	90.7	90.8	90.8	90.9	91.0	91.2
≥ 400	81.1	87.9	89.4	90.4	91.1	91.1	91.3	91.6	92.0	92.1	92.3	92.4	92.5	92.6	92.8
≥ 300	81.2	88.2	89.8	91.1	92.1	92.4	93.1	93.6	93.8	94.1	94.3	94.4	94.5	94.6	94.7
≥ 200	81.2	88.4	90.0	91.4	92.5	92.8	93.8	94.7	95.0	95.9	96.4	96.4	96.7	96.9	97.1
≥ 100	81.2	88.5	90.1	91.5	92.6	92.8	93.9	94.9	95.2	96.2	96.8	96.9	97.6	97.9	98.5
≥ 0	81.2	88.5	90.1	91.5	92.6	92.8	93.9	94.9	95.2	96.2	96.8	96.9	97.7	98.1	98.4

TOTAL NUMBER OF OBSERVATIONS: 2826

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later, clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record 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

0
1
2
3
4
5
6
7
8 (or obscured)

TENTHS

0
1
3
4
5
6
8
9
10

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13919
 STATION

TINKER AFB OK/OKLAHOMA CITY
 STATION NAME

46-70
 PERIOD

ALL
 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	29.6	4.6	4.6	3.8	2.9	2.0	2.7	3.1	4.7	3.7	38.4	5.4	18586
FEB		30.2	4.8	4.7	4.0	3.1	2.2	2.8	3.6	4.6	3.8	36.3	5.3	16417
MAR		29.0	4.5	4.9	4.0	3.7	2.6	3.0	4.2	4.7	3.5	36.0	5.3	17848
APR		26.5	4.5	4.6	4.2	3.5	2.9	3.0	4.4	6.3	5.3	35.0	5.5	17272
MAY		22.5	4.9	5.3	5.0	4.6	3.7	3.7	5.0	7.3	5.5	32.0	5.6	17842
JUN		24.1	6.4	7.2	7.2	5.8	5.3	4.4	6.0	7.4	5.2	20.9	4.8	17249
JUL		24.4	7.7	8.5	7.7	6.3	5.1	4.3	6.2	8.1	5.2	16.4	4.5	17819
AUG		33.8	7.5	7.9	7.6	6.0	4.4	3.7	5.0	6.3	4.4	13.7	3.7	17846
SEP		39.3	6.3	5.7	5.2	4.4	3.5	3.3	4.0	5.2	3.9	19.4	3.9	17983
OCT		42.2	6.4	5.1	4.1	3.5	2.9	3.1	3.6	4.7	3.5	20.8	3.8	18590
NOV		38.9	5.9	5.1	4.2	3.2	2.4	3.1	3.5	4.4	3.7	25.8	4.2	17991
DEC		34.2	5.2	4.5	3.8	2.9	2.2	2.9	3.3	4.4	3.3	33.4	4.9	18595
TOTALS		31.2	5.7	5.7	5.1	4.2	3.3	3.3	4.3	5.7	4.3	27.4	4.7	214038

U S A R 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.

Continued on Reverse

3. Diveriate Percentage Frequency Distribution and Computations of Dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a diveriate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the raw count of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative Percentage Frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 TINKER AFB OK/OKLAHOMA CITY
 STATION NAME

42-72

YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						8.9	4.3	6.9	8				1.1
85				.1	.2	8.9	35.2	30.8	6.1				6.8
80				.6	5.6	42.9	69.7	65.3	25.2	1.5			17.5
75			.2	4.8	24.5	74.0	90.9	90.5	48.7	8.9			28.5
70		.1	2.4	18.7	51.1	91.1	97.9	98.0	73.1	26.0	1.3		38.2
65	.3	1.1	8.6	37.1	73.9	97.5	99.7	99.7	89.1	46.6	5.3	.5	46.5
60	2.2	3.9	18.0	58.3	89.3	99.9	100.0	100.0	96.8	67.7	17.1	1.8	54.5
55	6.2	11.6	32.6	74.9	96.2	100.0			99.0	85.3	33.8	6.9	62.2
50	14.7	25.5	47.8	90.1	99.3				99.9	93.8	50.4	19.2	70.1
45	28.0	42.9	65.6	95.6	100.0				100.0	98.7	70.1	36.1	78.1
40	46.0	60.3	78.9	99.3						99.7	85.3	55.5	85.4
35	62.4	76.2	90.0	99.9						100.0	95.0	74.4	91.4
30	75.5	85.4	96.1	100.0							98.0	86.5	95.3
25	85.8	94.9	98.0								99.8	93.1	97.6
20	91.6	97.8	99.1								100.0	97.6	98.8
15	95.2	99.9	99.8									99.4	99.5
10	98.7		99.9									100.0	99.9
5	99.9	100.0	100.0										100.0
0	100.0												100.0
MEAN	37.3	42.1	48.9	61.1	69.0	77.7	81.9	81.5	73.9	63.5	49.8	40.5	60.6
S D.	11.748	10.427	11.215	8.764	7.289	5.717	5.253	5.395	7.483	8.421	9.512	9.980	18.030
TOTAL OBS.	930	827	899	870	899	870	899	899	900	930	900	930	10753

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

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME OKLAHOMA CITY YEARS 43-72

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	77	77	82	87	93	97	104	104	93	87	77	61	104
44	69	78	77	80	88	95	100	103	96	88	80	64	103
45	71	70	82	84	90	93	99	101	99	82	83	65	101
46	70*	72							90	85	72	75	
47	73	73	83	86	90	96	107	103	107	97	71	71	107
48	64	71	80	94	95	98	98	104	100	89	75	79	104
49	67	65	75	87	95	99	105	101	96	90	82	68	105
50	80	79	82	89	91	97	92	96	91	91	80	75	97
51	74	75	85	87	93	93	101	107	105	98	77	77	107
52	77	76	81	88	92	99	100	106	99	92	82	70	106
53	74	72	84	87	97	105	103	103	103	96	72	63	105
54	70	80	82	94	88	97	106	103	102	92	81	74	106
55	68	76	89	94	92	95	99	99	96	86	78	85	99
56	68	79	88	91	98	101	101	107	100	92	79	77	107
57	68	73	76	80	86	94	100	100	97	86	75	63	103
58	64	72	65	92	97	96	104	104	96	88	77	68	104
59	72	72	84	93	91	100	96	101	95	84	78	70	101
60	69	75	85	92	88	96	95	97	94	88	75	66	98
61	64	76	82	91	92	98	100	97	98	85	74	67	100
62	71	85	79	87	89	90	99	105	95	91	71	69	105
63	68	73	85	88	95	97	101	102	99	95	78	67	102
64	71	52	77	89	92	97	105	107	99	85	79	68	107
65	74	74	70	87	84	94	103	97	102	94	83	71	103
66	64	67	87	87	92	95	104	99	88	88	80	78	104
67	76	68	90	84	91	92	99	99	88	86	76	66	99
68	66	65	83	86	86	93	96	100	90	87	78	66	100
69	69	74	82	82	90	94	101	101	92	87	79	63	101
70	68	75	75	89	87	97	103	105	101	85	76	73	105
71	70	70	85	84	87	95	102	95	98	84	76	66	102
72	68	81	83	98	86	99	100	100	97	95	69	71	100
MEAN	70.0	73.5	81.3	88.2	90.9	96.3	100.8	101.6	96.9	88.8	77.1	70.2	102.9
S.D.	4.238	5.050	5.471	4.277	3.642	3.022	3.274	3.397	4.727	4.219	3.670	5.378	2.902
TOTAL OBS.	930	827	699	870	899	870	899	899	900	930	900	930	10753

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

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

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 42-72

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	-1	18	8	41	45	60	66	58	54	35	30	7	-1
44	3	16	21	35	37	37	60	58	49	40	21	20	3
45	18	12	24	29	40	56	61	61	44	34	27	7	7
46	17*	29							42	35	28	10	
47	-7	13	15	35	40	52	57	70	53	45	26	18	-7
48	4	13	-1	35	45	62	67	60	49	37	25	20	-1
49	3	16	26	34	52	62	68	60	45	32	27	20	3
50	8	18	16	33	51	52	60	56	55	42	15	4	4
51	3	-1	21	34	48	53	57	64	49	33	18	9	-1
52	19	26	21	29	46	67	60	68	54	37	22	19	19
53	10	18	29	31	42	62	58	63	54	37	29	12	10
54	6	23	19	35	35	54	74	67	57	35	26	10	6
55	16	12	13	41	58	53	70	65	57	39	17	16	12
56	13	13	20	37	54	58	67	58	55	45	19	18	13
57	10	23	24	25	45	57	66	64	54	26	27	15	10
58	18	13	25	37	52	52	63	63	49	39	21	8	8
59	-3	11	28	32	49	60	62	65	47	35	11	26	-3
60	13	9	4	36	37	57	62	64	54	35	22	17	4
61	7	18	30	35	43	57	57	59	46	41	28	7	7
62	-1	8	11	30	47	60	66	56	48	37	28	9	-1
63	-2	11	26	43	41	62	66	58	50	43	27	4	-2
64	3	18	17	30	50	52	61	61	47	36	17	6	5
65	14	7	15	37	50	62	65	66	47	39	31	26	7
66	3	13	23	33	40	55	71	66	49	36	22	9	3
67	9	15	6	38	41	57	57	56	40	36	28	16	6
68	17	16	17	31	48	57	62	57	49	38	28	0	0
69	17	23	18	39	44	52	63	67	54	33	19	12	10
70	4	16	26	26	44	52	53	62	47	36	18	19	4
71	9	3	18	30	41	62	55	60	43	43	28	23	3
72	1	9	20	30	47	52	50	62	39	34	26	6	1
MEAN	7.1	14.6	18.6	33.8	45.2	57.0	62.3	61.6	49.3	37.1	23.7	13.1	4.4
S.D.	7.019	6.457	7.622	4.384	5.481	4.221	5.166	3.960	4.901	4.066	5.093	6.885	5.539
TOTAL OBS.	930	827	899	870	899	870	899	899	900	930	900	930	10753

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72

ALL MONTH

PAGE 1

HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.0	.0	4	4				
106/105																	.0	.0	71	71				
104/103																	.0	.0	183	183				
102/101																	.0	.0	362	362				
100/99																	.0	.0	814	814				
98/97																	.0	.0	1120	1120				
96/95																	.0	.0	1878	1880				
94/93																	.0	.0	2439	2439				
92/91																	.0	.0	3256	3256				
90/89																	.0	.0	4129	4129				
88/87																	.0	.0	4614	4614				
86/85																	.0	.0	5822	5822			1	
84/83																	.0	.0	6463	6463			14	
82/81																	.0	.0	7300	7300			44	
80/79																	.0	.0	8972	8972			322	
78/77																	.0	.0	9700	9700			1763	
76/75																	.0	.0	10531	10531			6222	
74/73																	.0	.0	10484	10484			2310	
72/71																	.0	.0	10233	10234			5621	
70/69																	.0	.0	10425	10430			6623	
68/67																	.0	.0	9134	9136			14668	
66/65																	.0	.0	9066	9069			15044	
64/63																	.0	.0	8451	8456			13358	
62/61																	.0	.0	8022	8024			11992	
60/59																	.0	.0	8294	8296			10606	
58/57																	.0	.0	7850	7857			9178	
56/55																	.0	.0	7763	7770			8771	
54/53																	.0	.0	7215	7233			8405	
52/51																	.0	.0	7098	7109			8060	
50/49																	.0	.0	7325	7347			8226	
48/47																	.0	.0	7249	7257			8220	
46/45																	.0	.0	7293	7315			8819	
44/43																	.0	.0	6879	6899			8901	
42/41																	.0	.0	6718	6748			9065	
Element (X):	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																Total		
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F														
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 42-72 MONTH ALL
 PAGE 2 HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	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
40/39	.2	.6	.8	.6	.3	.1	.0										6725	6748	9109	7371	
38/37	.2	.7	.8	.6	.2	.0	.0										6373	6388	8727	7257	
36/35	.2	.8	.9	.5	.2	.0											6212	6249	8483	8280	
34/33	.2	.8	.7	.3	.1	.0											5546	5567	7613	8673	
32/31	.2	.8	.6	.3	.0	.0											4742	4764	7399	9244	
30/29	.2	.7	.5	.2	.0												4058	4065	6038	9195	
28/27	.1	.6	.4	.1	.0												3205	3224	4881	7475	
26/25	.1	.5	.3	.1	.0												2618	2634	3762	7922	
24/23	.1	.5	.3	.0	.0												2206	2222	3043	6889	
22/21	.1	.4	.2	.0													1666	1677	2418	5900	
20/19	.1	.3	.1	.0													1381	1400	1909	4219	
18/17	.1	.2	.1	.0													915	934	1443	4142	
16/15	.1	.2	.1	.0													726	735	924	3455	
14/13	.1	.2	.0														582	589	724	2490	
12/11	.0	.1	.0														460	461	579	2137	
10/9	.0	.1	.0														309	312	422	1600	
8/7	.0	.1	.0														191	194	289	1423	
6/5	.0	.0	.0														137	139	168	1017	
4/3	.0	.0	.0														113	115	145	770	
2/1	.0	.0	.0														61	64	59	484	
0/-1	.0	.0	.0														33	36	49	319	
-2/-3	.0	.0	.0														7	7	18	225	
-4/-5	.0	.0	.0																	2	246
-6/-7	.0	.0	.0														3	3	3	146	
-8/-9																					103
-10/-11																					74
-12/-13																					48
-14/-15																					21
-16/-17																					16
-18/-19																					6
20/-21																					2
TOTAL		3.4	16.7	16.7	14.6	11.8	9.7	7.7	6.0	4.6	3.3	2.2	1.4	.9	.6	.3	.2	.1	255851	255419	255429

Element (X)	ΣX ²	ΣX	X̄	s _x	Mean No. of Hours with Temperature					Total		
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F			
Rel. Hum.	1119713218	16122874	63.1	19.975	255399							
Dry Bulb	1017336010	15349596	60.0	19.416	255851	1.5	793.1	13735.9	2708.7	1496.5	238.9	8760
Wet Bulb	767724219	13382831	52.4	16.141	255429	2.4	158.9	2311.6	720.6	5.9		8760

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72

JAN
MONTH

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11	.2	.9	.2															285	286	336	647
10/ 9	.2	.7	.1															199	200	277	477
8/ 7	.1	.5	.0															136	136	193	470
6/ 5	.1	.3																99	99	121	433
4/ 3	.1	.3																94	94	115	357
2/ 1	.0	.2																45	49	46	252
0/ -1	.0	.1																28	28	43	159
-2/ -3	.0	.0																7	7	17	130
-4/ -5																					
-6/ -7	.0																	3	3	3	89
-8/ -9																					
-10/ -11																					
-12/ -13																					
-14/ -15																					
-16/ -17																					
-18/ -19																					
-20/ -21																					
TOTAL	9.8	34.6	22.3	13.8	8.2	5.1	3.0	1.8	.8	.4	.2	.1	.0				22038	22160	22039	22037	
Element (X)	Z \bar{x} ²	Z \bar{x}	\bar{x}	\bar{x}	No. Obs.	Mean No. of Hours with Temperature											Total				
Rel. Hum.	109671496	1493042	67.8	19.648	22035	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total							
Dry Bulb	33752698	811846	36.6	13.453	22160	1.3	280.0	7.1	1.0	.1			744								
Wet Bulb	26596131	720923	32.7	11.694	22039	2.2	361.3	.2					744								
Dew Point	18705874	569326	25.8	13.468	22037	26.1	530.5	.0					744								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-72 PAGE 1 MONTH FEB 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	
86/ 85												.0	.0				1	1				
84/ 83												.0	.0				4	4				
82/ 81												.0	.0				3	3				
80/ 79								.0				.0	.0				17	17				
78/ 77							.0	.0				.0	.0	.0			29	29				
76/ 75						.0	.0	.0				.1	.0	.0			41	41				
74/ 73		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0			41	41				
72/ 71		.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0			85	85				
70/ 69		.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0			133	133		3		
68/ 67		.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0			171	172		4		
66/ 65		.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.0	.0	.0			216	218		6		
64/ 63		.1	.1	.1	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0			308	308		24		
62/ 61	.0	.1	.1	.1	.2	.2	.3	.4	.2	.1	.0	.0	.0	.0			328	328		77		
60/ 59	.0	.3	.3	.3	.4	.4	.5	.3	.3	.0	.0	.0	.0	.0			550	508		152		
58/ 57	.1	.3	.2	.3	.4	.4	.5	.4	.3	.0	.0	.0	.0	.0			550	550		201		
56/ 55	.1	.5	.4	.5	.4	.6	.6	.4	.1	.0	.0	.0	.0	.0			690	691		308		
54/ 53	.2	.5	.4	.4	.5	.7	.6	.3	.0	.0	.0	.0	.0	.0			722	725		413		
52/ 51	.1	.7	.5	.6	.8	.8	.6	.2	.0	.0	.0	.0	.0	.0			829	834		568		
50/ 49	.4	.6	.5	.8	.8	.9	.5	.1	.0	.0	.0	.0	.0	.0			919	922		753		
48/ 47	.3	.8	.7	1.1	1.0	.7	.5	.1	.0	.0	.0	.0	.0	.0			998	1002		811		
46/ 45	.4	.9	.9	1.4	1.1	.8	.3	.0	.0	.0	.0	.0	.0	.0			1122	1128		993		
44/ 43	.2	1.3	1.1	1.4	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0			1110	1120		1099		
42/ 41	.4	1.3	1.5	1.4	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0			1179	1187		1306		
40/ 39	.4	1.7	1.8	1.2	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0			1262	1269		1456		
38/ 37	.4	1.6	1.6	1.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0			1188	1188		1508		
36/ 35	.5	2.0	1.8	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0			1168	1173		1491		
34/ 33	.6	2.2	1.6	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0			1100	1103		1376		
32/ 31	.4	1.9	1.6	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0			928	934		1395		
30/ 29	.5	1.6	1.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0			845	847		1224		
28/ 27	.4	1.6	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			742	745		971		
26/ 25	.4	1.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			599	605		855		
24/ 23	.3	1.4	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			516	529		728		
22/ 21	.4	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			402	409		634		
20/ 19	.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			333	334		455		
20/ 19	.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			333	334		455		
Element (X)		ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		ΣF	ΣF^2	ΣF^3	ΣF^4	ΣF^5	ΣF^6	ΣF^7	ΣF^8	ΣF^9	ΣF^{10}	
Rel. Hum.																						Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS

MONTH FEB

PAGE 2

HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.3	.7	.1														201	202	331	875	
16/ 15	.3	.3	.1														141	142	220	745	
14/ 13	.2	.2	.0														70	72	103	544	
12/ 11	.0	.2															35	35	54	552	
10/ 9	.0	.1															21	22	26	418	
8/ 7	.0	.0															9	9	15	358	
6/ 5	.0	.1															13	13	13	203	
4/ 3	.0	.0															5	5	8	103	
2/ 1	.0	.0															7	7	8	57	
0/ -1	.0	.0															3	3	2	50	
-2/ -3																			1	23	
-4/ -5																				26	
-6/ -7																				22	
-8/ -9																				8	
-10/-11																				1	
TOTAL	7.726	720.815	210.5	7.4	5.1	3.2	1.7	.9	.6	.3	.1	.0					19592	19693	19592	19590	
Element (X)	Z X ²	Z X	X	X ²	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	90419700	1263972	64.5	21.280	19591	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	36851916	814858	41.4	12.617	19693	.1	167.7	17.9	4.6	.5		672									
Wet Bulb	27955352	712178	36.4	10.273	19592	.1	241.6	.2				672									
Dew Point	18995283	563303	28.8	11.951	19590	4.5	423.7	.1				672									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS PAGE 1 MONTH MAR ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		5	5		
88/ 87															.0	.0	.0	8	8		
86/ 85											.0	.0	.0	.0	.0	.0		22	22		
84/ 83									.0	.0	.0	.0	.0	.0	.0	.0		47	47		
82/ 81							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		61	61		
80/ 79							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		95	95		
78/ 77					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		154	154		
76/ 75				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		181	181		
74/ 73			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		245	245		
72/ 71		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		302	302		
70/ 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		406	406	13	
68/ 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		526	526	60	10
66/ 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		621	621	107	18
64/ 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		758	758	243	59
62/ 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		828	828	426	135
60/ 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		897	897	588	251
58/ 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		940	940	625	384
56/ 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1028	1030	709	426
54/ 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1077	1079	907	497
52/ 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1061	1061	1018	552
50/ 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1175	1175	1194	627
48/ 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1122	1122	1262	630
46/ 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1097	1097	1310	713
44/ 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1098	1098	1395	824
42/ 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1087	1087	1534	967
40/ 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1083	1086	1583	1110
38/ 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		937	941	1433	1038
36/ 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		997	999	1343	1222
34/ 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		871	871	1259	1337
32/ 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		754	755	1138	1429
30/ 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		625	626	975	1387
28/ 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		395	396	744	1101
26/ 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		270	271	518	1368
24/ 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		184	184	320	1162

Element (X)	Mean No. of Hours with Temperature					No. Obs.	Σ X	Σ X ²	Σ X ³	Σ X ⁴	Σ X ⁵	Total
	≥ 80 F	≥ 73 F	≥ 67 F	≥ 62 F	≥ 57 F							
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAR
 HOURS (L. S. T.) ALL PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dry Bulb	Dew Point
22/ 21	.0	.4	.2	.0													131	131	131	223	1008
20/ 19	.0	.3	.1														90	90	90	151	643
18/ 17	.0	.1	.0														38	38	38	110	627
16/ 15	.0	.2	.0														43	43	43	39	543
14/ 13	.0	.1	.0														31	31	31	42	420
12/ 11	.1	.1	.0														41	41	41	36	270
10/ 9	.1	.1															33	34	34	45	182
8/ 7	.0	.0															9	12	12	20	165
6/ 5	.0	.0															8	10	10	9	80
4/ 3	.0	.0															5	7	7	7	103
2/ 1	.0	.0															1	4	4	1	39
0/ -1	.0	.0															1	4	4	1	30
-2/ -3																					12
-4/ -5																					13
-6/ -7																					6
TOTAL	3.92	1.17	.81	4.81	1.7	9.4	7.3	4.9	3.8	2.4	1.3	.7	.4	.2	.1	.1	.0	21388	21419	21388	21388

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F		
Rel. Hum.	89456292	1300450	60.8	22.022	21384							
Dry Bulb	53893328	1034022	48.3	13.623	21419	.1	93.0	71.3	28.4	6.5		744
Wet Bulb	39651302	891784	41.7	10.742	21388	.0	152.3	2.5				744
Dew Point	27280146	714456	33.4	12.635	21388	2.1	368.3	.3				744

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAY

STATION NAME

PAGE 1

HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	5	5			
96/ 95																	.0	12	12			
94/ 93																	.0	29	29			
92/ 91																	.0	85	85			
90/ 89																	.0	183	183			
88/ 87																	.0	296	296			
86/ 85																	.0	528	528			
84/ 83																	.0	646	646			
82/ 81																	.0	814	814		1	
80/ 79																	.0	1057	1057		13	
78/ 77																	.0	1145	1145		34	
76/ 75																	.0	1348	1348		15	
74/ 73																	.0	1529	1529		49	
72/ 71																	.0	1551	1551		156	
70/ 69																	.0	1740	1740		482	
68/ 67																	.0	1677	1678		972	
66/ 65																	.0	1695	1695		1580	
64/ 63																	.0	1460	1460		1951	
62/ 61																	.0	1246	1248		2142	
60/ 59																	.0	1145	1145		2092	
58/ 57																	.0	916	916		1846	
56/ 55																	.0	750	750		1638	
54/ 53																	.0	537	539		1464	
52/ 51																	.0	417	417		1303	
50/ 49																	.0	258	258		1139	
48/ 47																	.0	162	162		962	
46/ 45																	.0	139	139		857	
44/ 43																	.0	58	58		753	
42/ 41																	.0	34	34		649	
40/ 39																	.0	8	8		468	
38/ 37																	.0	4	4		315	
36/ 35																	.0	4	4		253	
34/ 33																	.0				135	
32/ 31																	.0				3	
31																	.0				3	
Element (X)	ΣX ²	ΣX	X̄	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																						

DATA PROCESSING BRANCH
USAF ETAC
A.I. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUL ALL
STATION NAME HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
108/107																	.0	1	1	
106/105																	.1	27	27	
104/103																	.1	59	59	
102/101																	.0	119	119	
100/99																	.0	318	318	
98/97																	.0	485	485	
96/95																	.0	783	784	
94/93																	.0	929	929	
92/91																	.0	1027	1027	
90/89																	.0	1178	1178	
88/87																	.0	1179	1179	
86/85																	.0	1419	1419	
84/83																	.0	1495	1495	1
82/81																	.0	1631	1631	15
80/79																	.0	1940	1940	143
78/77																	.0	1997	1997	683
76/75																	.0	1929	1929	2533
74/73																	.0	1583	1583	4361
72/71																	.0	1200	1200	4555
70/69																	.0	901	901	3981
68/67																	.0	439	439	2206
66/65																	.0	231	231	1216
64/63																	.0	111	111	635
62/61																	.0	81	81	383
60/59																	.0	55	55	240
58/57																	.0	17	17	104
56/55																	.0	5	5	54
54/53																	.0	3	3	24
52/51																	.0			6
50/49																	.0			3
48/47																	.0			35
46/45																	.0			12
44/43																	.0			8
42/41																	.0			16

Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS AUG MONTH ALL HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
108/107																	.0	3	3			
106/105																.0	.1	34	34			
104/103											.0					.2	.2	96	96			
102/101																.1	.1	208	208			
100/99											.0					.0	.0	389	389			
98/97									.0		.0					.5	.5	438	438			
96/95									.1		.6					.3	.3	639	639			
94/93									.3		1.1					.4	.4	776	776			
92/91									.8		1.3					.3	.3	952	952			
90/89					.0				1.5		1.4					.2	.2	1210	1210			
88/87					.0				5		.9					.6	.6	1210	1210			
86/85					.0				.1	.6	1.4					.4	.4	1388	1388	1		
84/83		.0			.1	.4			.4	1.4	1.4					.3	.3	1453	1453	10	1	
82/81		.0	.0		.3	1.3			1.3	2.2	1.6					.5	.5	1592	1592	13	3	
80/79		.0	.2		1.2	2.2			.4	2.2	1.3					.2	.2	1798	1798	80	13	
78/77	.0	.1	.7		2.1	2.5			.6	2.2	.9					.1	.1	1860	1860	563	31	
76/75	.0	.5	2.0		2.5	1.7			.3	1.0	.8					.0	.0	1907	1907	1754	88	
74/73	.1	.8	2.6		1.9	1.1			.1	.8	.4					.0	.0	1694	1694	3667	493	
72/71	.1	1.7	2.0		1.1	.9			.2	.5	.2					.0	.0	1455	1455	4179	1433	
70/69	.2	1.4	1.3		1.0	.6			.3	.3	.1					.0	.0	1068	1069	4122	2890	
68/67	.1	.7	.9		.7	.3			.3	.1	.1					.0	.0	632	632	2644	3514	
66/65	.1	.3	.5		.3	.2			.2	.1	.0					.0	.0	328	328	1840	3240	
64/63	.1	.1	.3		.1	.1			.1	.0	.0					.0	.0	178	178	1171	2691	
62/61	.1	.1	.1		.1	.1			.1	.1	.0					.0	.0	90	90	703	2115	
60/59	.2	.1	.1		.1	.0			.0	.0	.0					.0	.0	79	79	376	1644	
58/57	.1	.1	.1		.0	.0			.0	.0	.0					.0	.0	36	36	212	1259	
56/55	.0	.0	.0		.0	.0			.0	.0	.0					.0	.0	8	8	102	820	
54/53																				62	510	
52/51																				19	331	
50/49																				2	202	
48/47																					116	
46/45																					55	
44/43																					23	
42/41																					20	
Element (X)	Σ X ²	Σ X	X̄	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																						

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS PAGE 2 MONTH ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)										TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																					240
36/ 35																					138
34/ 33																					55
32/ 31																					21
30/ 29																					4
28/ 27																					11
26/ 25																					6
24/ 23																					1
22/ 21																					2
TOTAL	1.4	10.0	13.8	13.3	11.5	10.3	9.1	7.8	6.4	5.3	3.8	2.5	1.8	1.5	.8	.4	.2	21535	21536	21534	21535

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	91152950	1332624	61.9	20.0	21535							
Dry Bulb	118231472	1580472	73.4	10.2	21536							
Wet Bulb	88308424	1371226	63.7	6.8	21535							
Dew Point	73457157	1243945	57.8	8.6	21534							
						1.5	119.6	2.8	536.3	374.4	195.4	23.9
									284.7	53.5	.3	720
												720

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME MONTH YEARS PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
98/ 97																	.0	4	4	
96/ 95																	.0	7	7	
94/ 93																	.0	15	15	
92/ 91																	.0	58	58	
90/ 89																	.0	78	78	
88/ 87																	.0	146	146	
86/ 85																	.0	243	243	
84/ 83																	.0	326	326	
82/ 81																	.0	401	401	
80/ 79																	.0	573	573	
78/ 77																	.0	656	656	1
76/ 75																	.0	786	786	14
74/ 73																	.0	947	947	110
72/ 71																	.0	1126	1126	285
70/ 69																	.0	1425	1425	494
68/ 67																	.0	1250	1250	873
66/ 65																	.0	1550	1550	1278
64/ 64																	.0	1439	1439	1422
62/ 61																	.0	1413	1413	1600
60/ 59																	.0	1432	1432	1607
58/ 57																	.0	1332	1333	1677
56/ 55																	.0	1265	1265	1796
54/ 53																	.0	1089	1089	1710
52/ 51																	.0	958	958	1594
50/ 49																	.0	842	842	1494
48/ 47																	.0	692	692	1280
46/ 45																	.0	472	472	1244
44/ 43																	.0	347	347	976
42/ 41																	.0	277	277	774
40/ 39																	.0	201	202	506
38/ 37																	.0	94	94	389
36/ 35																	.0	52	52	220
34/ 33																	.0	18	18	102
32/ 31																	.0	15	15	60

Element (X)	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.										
Dry Bulb										
Wet Bulb										
Dew Point										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43-72

TINKER AFB OK/OKLAHOMA CITY

NOV
MONTH

YEARS

STATION NAME

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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				4	4		
82/ 81														.0				10	10		
80/ 79														.0				34	34		
78/ 77														.0				74	74		
76/ 75																		132	132		
74/ 73																		237	237		
72/ 71	.0	.0	.1	.1	.1	.2	.2	.2	.3	.2	.1	.0	.0				310	310	1	1	
70/ 69	.0	.0	.1	.2	.2	.3	.3	.3	.3	.2	.1	.0	.0				468	468	19	2	
68/ 67	.0	.2	.2	.3	.3	.3	.3	.4	.4	.2	.1	.0	.0				541	541	62	25	
66/ 65	.0	.1	.4	.4	.4	.3	.3	.4	.4	.2	.1	.0	.0				648	648	148	65	
64/ 63	.0	.3	.6	.4	.4	.3	.4	.5	.3	.2	.0	.0	.0				751	751	261	79	
62/ 61	.0	.6	.5	.5	.4	.5	.5	.5	.4	.1	.0	.0	.0				853	853	408	170	
60/ 59	.1	.8	.4	.5	.6	.6	.7	.6	.4	.1	.0	.0	.0				1017	1017	574	308	
58/ 57	.2	.7	.4	.6	.6	.7	.8	.6	.2	.0	.0	.0	.0				1032	1033	788	497	
56/ 55	.1	.6	.6	.7	.8	.9	.8	.4	.1	.0	.0	.0	.0				1104	1105	788	499	
54/ 53	.1	.7	.6	.7	1.0	1.0	.8	.3	.0	.0	.0	.0	.0				1119	1121	827	467	
52/ 51	.1	.8	.6	1.1	1.1	1.1	.6	.2	.0	.0	.0	.0	.0				1196	1196	1027	552	
50/ 49	.1	.9	.9	1.4	1.4	1.2	.6	.1	.0	.0	.0	.0	.0				1389	1389	1131	589	
48/ 47	.1	1.0	1.1	1.6	1.4	.8	.3	.0	.0	.0	.0	.0	.0				1375	1375	1363	655	
46/ 45	.2	1.2	1.3	1.7	1.2	.7	.2	.0	.0	.0	.0	.0	.0				1402	1402	1597	770	
44/ 43	.1	1.1	1.5	1.6	.9	.4	.1	.0	.0	.0	.0	.0	.0				1225	1225	1734	908	
42/ 41	.2	1.0	1.4	1.6	.9	.3	.0	.0	.0	.0	.0	.0	.0				1157	1158	1667	1000	
40/ 39	.3	1.1	2.0	1.4	.7	.1	.0	.0	.0	.0	.0	.0	.0				1192	1192	1645	1161	
38/ 37	.3	1.4	1.8	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0				1115	1115	1610	1360	
36/ 35	.2	1.3	1.6	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0				898	899	1531	1505	
34/ 33	.1	1.2	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0				717	718	1258	1477	
32/ 31	.1	.9	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0				480	480	1016	1561	
30/ 29	.1	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0				346	347	709	1648	
28/ 27	.1	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0				253	253	456	1207	
26/ 25	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				142	142	304	1197	
24/ 23	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				116	116	212	879	
22/ 21	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				90	90	152	723	
20/ 19	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				37	37	120	570	
18/ 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				17	17	46	496	

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS
 13919 MONTH NOV
 PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	D.B./W.B.	Wet Bulb	Dew Point	
16/ 15		.0	.0															5	5	25	287
14/ 13			.0															2	2	4	232
12/ 11		.0	.0															4	4	4	180
10/ 9																			5	5	145
8/ 7																					83
6/ 5																					53
4/ 3																					49
2/ 1																					40
0/ -1																					19
-2/ -3																					18
-4/ -5																					9
-6/ -7																					4
-8/ -9																					1
-10/-11																					1
TOTAL	2.7	17.9	20.2	18.1	13.2	10.0	7.3	4.8	3.1	1.5	.8	.3	.1	.0				21492	21500	21492	21492
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Ref. Hum.	90443290	1324096	61.6	20.309	21491	± 32 F	± 31 F	± 30 F	± 29 F	± 28 F	± 27 F	± 26 F	± 25 F	± 24 F	± 23 F	± 22 F	± 21 F	± 20 F	± 19 F	± 18 F	± 17 F
Dry Bulb	55222709	1059639	49.3	11.808	21500	50.0	60.6	16.4	1.0												
Wet Bulb	41664441	922341	42.9	9.842	21492	102.3	2.7														
Dew Point	29687939	755265	35.1	12.100	21492	1.7	315.0	.9													

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY

42-72

DEC
 MONTH

STATION NAME

YEARS

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb				
86/ 85														.0				1	1				
84/ 83														.0				2	2				
82/ 81																		1	1				
80/ 79													.0					1	1				
78/ 77									.0									8	8				
76/ 75				.0				.0	.0									15	15				
74/ 73				.0				.0	.0									17	17				
72/ 71				.0				.0	.0									34	34				
70/ 69			.0	.0				.0	.0									65	66				
68/ 67		.0	.0	.1	.0			.1	.1									107	107				
66/ 65		.1	.1	.1	.1	.1	.1	.1	.1	.1								216	216				
64/ 63		.1	.2	.2	.2	.2	.2	.2	.2	.2	.2							274	277				
62/ 61	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2						326	326				
60/ 59	.0	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2					454	456				
58/ 57	.0	.7	.2	.3	.2	.3	.4	.3	.2	.2	.0							596	599				
56/ 55	.0	.5	.3	.3	.3	.5	.6	.4	.0									633	635				
54/ 53	.2	.6	.3	.3	.3	.5	.6	.2	.0									756	758				
52/ 51	.2	.4	.4	.5	.7	.8	.6	.1										841	843				
50/ 49	.1	.5	.5	.7	1.1	1.0	.4	.1										971	984				
48/ 47	.3	.6	.6	1.1	1.1	.9	.3	.0										1124	1126				
46/ 45	.2	.8	1.1	1.5	1.4	.8	.2	.0										1324	1336				
44/ 43	.5	1.0	1.3	1.4	1.3	.5	.1	.0										1370	1377				
42/ 41	.5	1.1	1.4	1.7	1.1	.3	.1											1374	1383				
40/ 39	.5	1.3	2.1	1.6	.8	.2												1462	1467				
38/ 37	.5	1.8	2.2	1.8	.4	.1	.0											1559	1563				
36/ 35	.5	2.2	2.5	1.5	.4	.0												1596	1599				
34/ 33	.6	2.4	2.1	1.0	.2	.0												1408	1415				
32/ 31	.7	2.2	1.8	.7	.2													1274	1279				
30/ 29	.5	2.3	1.5	.5	.0													1079	1082				
28/ 27	.4	1.8	1.0	.3														783	797				
26/ 25	.4	1.7	1.0	.1	.0													719	728				
24/ 23	.3	1.6	.7	.1														606	609				
22/ 21	.3	1.1	.4	.0														404	408				
20/ 19	.2	1.1	.3	.0														359	363				
Element (X)																	Mean No. of Hours with Temperature						
Rel. Hum.																	≤ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 42-72 MONTH DEC
 PAGE 2 HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	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
18/ 17	.2	.7	.2	.0													237	243	329	918
16/ 15	.1	.5	.1														153	157	224	845
14/ 13	.1	.5	.1														143	147	179	486
12/ 11	.1	.3	.0														95	95	149	443
10/ 9	.0	.2	.0														56	56	69	365
8/ 7	.0	.1															37	37	61	337
6/ 5	.0	.1															17	17	25	247
4/ 3	.0	.0															9	9	15	157
2/ 1	.0	.0															4	4	4	96
0/ -1	.0																1	1	3	61
-2/ -3																				42
-4/ -5																				34
-6/ -7																				25
-8/ -9																				12
-10/-11																				5
-12/-13																				5
-14/-15																				4
-16/-17																				1
TOTAL	7.229	.323	.116	.110	.3	6.4	3.8	1.9	1.1	.5	.2	.1	.0	.0	.0	.0	22511	22644	22511	22510

Element (X)	Σ X		X	Σ x	No. Obs.	Mean No. of Hours with Temperature					Total
	Σ X'	Σ X				≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 50 F	
Rel. Hum.	108764405	1499977	66.719	763	22505						
Dry Bulb	39395704	905104	40.011	921	22644	.0	198.2	8.3	1.5	.1	744
Wet Bulb	30650909	798745	35.510	129	22511	.1	287.7	.1			744
Dew Point	21453315	642557	28.511	757	22510	6.2	495.4				744

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB UK/OKLAHOMA CITY 43-72

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
66/ 65	.0	.1	.1	.1	.0	.0											1	1	1	
64/ 63		.4	.4	.3	.1	.2											22	22	12	1
62/ 61	.0	.4	.3	.1	.2	.0											20	20	6	5
60/ 59	.0	.3	.2	.1	.1	.0											31	31	13	11
58/ 57	.2	.5	.3	.1	.1	.0	.1	.0									45	45	27	13
56/ 55	.3	.8	.7	.1	.1	.1	.0	.1	.0								60	60	30	30
54/ 53	.3	.5	.5	.1	.2	.1	.2	.0									50	51	36	26
52/ 51	.1	.5	.3	.1	.2	.1	.2	.0									60	60	39	29
50/ 49	.4	.5	.3	.3	.4	.3	.1	.1	.0								89	89	42	43
48/ 47	.4	.6	.9	.4	.7	.1	.0	.0									106	106	51	47
46/ 45	.3	1.2	.6	.8	.6	.3											149	149	38	38
44/ 43	.6	1.0	1.5	1.5	.6	.2											147	147	91	49
42/ 41	.6	1.2	1.2	1.5	.8												150	150	68	68
40/ 39	.4	.7	2.6	1.2	.4	.1											147	149	72	72
38/ 37	.4	1.7	2.0	1.2	.1												215	221	134	50
36/ 35	.8	2.8	3.1	.9	.3												216	218	204	109
34/ 33	.8	2.9	2.9	1.1	.1												163	163	229	143
32/ 31	.7	2.4	1.9	.9	.1												190	190	218	175
30/ 29	.7	3.1	3.0	.2													143	143	200	202
28/ 27	.7	2.9	1.5	.1													119	119	199	169
26/ 25	.3	3.1	.9	.0													115	115	197	180
24/ 23	.9	1.7	1.6														109	109	127	210
22/ 21	.4	2.7	.8														85	89	86	165
20/ 19	.2	2.5	.4														69	70	129	127
18/ 17	.4	1.6	.5														59	50	99	123
16/ 15	.4	1.3	.4														44	44	59	136
14/ 13	.3	1.1	.2														37	37	51	92
12/ 11	.4	.7	.2														38	38	53	86
10/ 9	.2	1.1	.1														14	14	30	55
8/ 7	.0	.5															12	12	33	68
6/ 5	.1	.4															22	22	13	44
4/ 3	.3	.5															5	5	27	42
2/ 1	.0	.1															4	4	5	30
0/ -1	.1	.0															4	4	7	21

Element (X)	Mean No. of Hours with Temperature						Total
	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43-72

TINKER AFB OK/OKLAHOMA CITY

13919 STATION

STATION NAME

YEARS

JAN MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Wet Bulb	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	D.B./W.B.			≥ 31					
64/ 63	.1	.6	.0	.1													3	22	3	4						
62/ 61	.1	.3	.1	.0	.1												19	19	22	17						
60/ 59	.1	.7	.1	.1	.0	.1											34	34	15	12						
58/ 57	.2	.5	.1	.1	.0	.0											26	26	30	28						
56/ 55	.4	.5	.3	.1	.1	.0											34	34	28	28						
54/ 53	.1	.5	.2	.1	.1	.1											65	67	35	27						
52/ 51	.3	1.0	.3	.4	.1	.1											66	66	49	49						
50/ 49	.5	.9	.3	.2	.2	.3											74	75	54	43						
48/ 47	.4	.8	.5	.6	.3	.1											112	112	76	55						
46/ 45	.9	.8	1.2	.8	.3												156	158	92	53						
44/ 43	.8	1.6	1.7	1.4	.2												156	156	102	56						
42/ 41	.1	1.3	2.5	1.2	.5	.1											166	167	151	60						
40/ 39	.4	1.7	2.0	1.6	.3												182	188	198	105						
38/ 37	1.0	2.7	1.9	.9	.1												221	222	193	118						
36/ 35	.7	3.8	3.0	.5	.1												209	212	249	184						
34/ 33	.9	3.8	2.0	.8													162	162	228	202						
32/ 31	.6	2.8	2.2	.3													173	173	174	177						
30/ 29	.8	3.2	2.2	.0													153	153	211	197						
28/ 27	.8	3.6	1.1	.1													115	115	153	190						
26/ 25	.8	2.3	1.1	.1													106	106	111	151						
24/ 23	.5	2.5	.8														93	95	95	141						
22/ 21	.5	2.4	.4														77	79	119	132						
20/ 19	.7	2.0	.1														53	53	63	119						
18/ 17	.3	1.3	.3														70	70	52	102						
16/ 15	.5	1.7	.3														45	45	62	88						
14/ 13	.3	1.1	.3														39	39	49	69						
12/ 11	.5	.8	.1														24	24	37	70						
10/ 9	.3	.6	.0														13	13	20	48						
8/ 7	.1	.4															24	24	19	46						
6/ 5	.3	.6															18	18	17	33						
4/ 3	.1	.5															7	7	14	25						
2/ 1	.1	.2															1	1	4	18						
0/ -1	.0																									
-2/ -3																										
Element (X)	Σ X ²																Σ X	Σ X	Mean No. of Hours with Temperature				Total			
Rel. Hum.	Σ X																Σ X	Σ X	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																										
Wet Bulb																										
Dew Point																										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 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	.1														6	6		
62/ 61		.3	.1	.1														10	10		
60/ 59	.1	.5	.2	.0														21	21	20	13
58/ 57	.2	.4	.1	.0						.0								22	22	22	15
56/ 55	.3	.9	.1	.0	.0													39	39	26	30
54/ 53	.3	.6	.1	.1	.1	.0												36	36	33	29
52/ 51	.2	.5	.1	.1	.1	.0												26	26	27	24
50/ 49	.3	.5	.1	.2	.1	.1												40	41	25	24
48/ 47	.3	.7	.4	.1	.2	.1	.0											51	52	34	32
46/ 45	.4	1.3	.3	.5	.3	.0												75	75	46	43
44/ 43	.7	1.5	.5	.7	.3													98	99	68	37
42/ 41	.7	1.3	1.5	.9	.2													129	129	78	60
40/ 39	.4	1.5	1.9	1.1	.3													140	143	100	78
38/ 37	.7	1.9	1.9	1.3	.2													167	169	136	53
36/ 35	.7	3.0	2.2	.9	.1													193	198	174	80
34/ 33	1.0	3.7	2.5	.8	.2													225	225	203	122
32/ 31	1.2	3.9	2.2	.8														221	224	233	177
30/ 29	.8	3.7	1.6	.1														169	169	239	193
28/ 27	.7	3.8	1.4	.1														167	168	208	165
26/ 25	.7	4.4	.7	.0														160	160	186	207
24/ 23	.6	3.2	1.1															134	134	166	184
22/ 21	.8	2.5	.5															105	105	131	161
20/ 19	.8	2.8	.6															113	113	111	151
18/ 17	.7	2.2	.3															8	8	108	158
16/ 15	.2	1.5	.2															53		69	120
14/ 13	.4	1.3	.2															51		67	101
12/ 11	.4	1.5	.2															60	61	52	90
10/ 9	.5	1.2																46	47	62	59
8/ 7	.3	.6																4	24	38	63
6/ 5	.3	.6																26	26	21	58
4/ 3	.3	.7																28	28	33	56
2/ 1	.1	.3																13	13	13	36
0/ -1	.0	.4																13	13	12	28
-2/ -3	.1	.1																4	4	10	24

Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.				Mean No. of Hours with Temperature					
					≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 80 F	≥ 73 F	≥ 67 F	Total		
Rel. Hum.														
Dry Bulb														
Wet Bulb														
Dew Point														

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH JAN
 PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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/-7	.1																	3	3		1
-8/-9																					3
-10/-11																					16
-12/-13																					16
-14/-15																					9
-16/-17																					3
TOTAL	15.253	320.8	7.9	2.0	.5	.2	.0										2755	2776	2755	2753	

Element (X)	ΣX ²	ΣX	X̄	s _x ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	16824898	211414	76.81	4.707	2754						
Dry Bulb	3076508	86044	31.01	2.148	2776	.7	49.7				93
Wet Bulb	2672717	79537	28.91	1.692	2755	.9	59.5				93

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS
 PAGE 1 0900-1100 MONTH JAN
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	D.B./W.B.	Wet Bulb	Dry Bulb
70/ 69				.0	.0				.1								3	3		
68/ 67				.0	.0				.0								2	2		
66/ 65		.1	.3	.0	.1	.0			.0								7	7	1	
64/ 63		.4	.1	.2	.1	.0			.0								17	17		
62/ 61	.1	.4	.1	.0	.1	.0			.0								22	22	7	3
60/ 59	.1	.4	.1	.2	.1	.1	.1	.0	.0								35	35	25	18
58/ 57	.1	.4	.4	.1	.0	.3	.2	.1	.1								45	45	26	21
56/ 55	.1	.5	.3	.1	.2	.5	.3	.3	.3								56	56	21	20
54/ 53	.0	.5	.4	.2	.3	.5	.2	.0	.0								56	56	29	20
52/ 51	.3	.3	.3	.3	.6	.5	.3	.1	.1								76	76	44	27
50/ 49	.3	.9	.3	.5	.7	.4	.2		.4								91	91	47	30
48/ 47	.4	.9	.5	.9	.9	.4	.1		.4								115	116	71	51
46/ 45	.5	.9	.9	1.3	1.1	.4	.1		.4								144	144	86	50
44/ 43	.7	1.2	1.1	1.5	.9	.3	.0		.3								155	155	128	65
42/ 41	.4	1.5	1.4	1.6	.9	.4			.4								172	175	134	60
40/ 39	.4	.9	1.5	1.8	.8	.0			.0								149	149	160	62
38/ 37	.5	1.1	2.2	1.9	.6	.1			.1								176	176	177	99
36/ 35	.7	2.1	2.0	1.3	.1				.1								175	178	193	136
34/ 33	.7	2.3	2.0	1.3	.1				.1								177	177	226	143
32/ 31	.7	2.7	1.9	.6	.0				.0								164	167	227	165
30/ 29	.4	2.4	2.1	.7	.0				.0								153	153	184	214
28/ 27	.7	2.7	1.5	.4					.4								143	143	174	172
26/ 25	.4	1.9	1.4	.2					.2								109	109	144	187
24/ 23	.3	1.8	1.1	.1					.1								89	89	108	168
22/ 21	.1	2.1	.9	.1					.1								87	87	102	166
20/ 19	.3	1.1	1.0	.0					.0								66	66	94	114
18/ 17	.6	.9	.5						.5								56	57	83	130
16/ 15	.1	1.2	.4						.4								45	48	57	102
14/ 13	.3	1.0	.2						.2								40	40	44	85
12/ 11	.1	1.4	.1						.1								44	44	45	67
10/ 9	.1	.7	.1						.1								25	25	44	63
8/ 7	.1	.7							.7								23	23	24	58
6/ 5	.2	.4							.4								17	17	21	74
4/ 3	.0	.3							.3								10	10	16	47

Element (X)	Mean No. of Hours with Temperature					Total
	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	
Rel. Hum.						
Dry Bulb						
Wet Bulb						

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH JAN
 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
2/ 1		.2																6	6	5	32
0/ -1		.1																2	2	3	25
-2/ -3	.0																	2	2	3	19
-4/ -5																				1	14
-6/ -7																					15
-8/ -9																					15
-10/ -11																					5
-12/ -13																					2
-14/ -15																					4
-16/ -17																					3
-18/ -19																					1
-20/ -21																					2
TOTAL	9.736	324.7	15.3	7.8	4.0	1.6	.5	.2	.0								2754	2768	2754	2754	

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	14221555	191489	69.6	18.107	2753							
Dry Bulb	3933450	98318	35.5	12.628	2768	.1	36.6	.2				93
Wet Bulb	3204021	88405	32.1	11.533	2754	.2	46.6					93
Dew Point	2341383	70911	25.7	13.684	2754	3.5	65.8					93

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72

YEARS MONTH JAN

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											
80/ 79								.0										1	1													
78/ 77								.0										1	1													
76/ 75										.0								5	5													
74/ 73								.0										4	4													
72/ 71								.0		.0								8	8													
70/ 69								.0		.1								23	23													
68/ 67				.1	.1	.1	.1	.3	.3	.1	.1							36	36													
66/ 65		.0	.1	.1	.1	.2	.2	.4	.1	.3	.0							48	48		1											
64/ 63		.1	.2	.3	.0	.2	.2	.6	.2	.3	.0							55	55		4											
62/ 61		.1	.2	.2	.2	.2	.5	.9	.3	.1								74	74		13											
60/ 59		.1	.2	.3	.3	.2	.4	.7	.6	.4	.1							90	90		25											
58/ 57		.1	.2	.3	.3	.5	.3	.9	.7	.3	.0							96	96		34											
56/ 55		.1	.1	.3	.5	.3	.7	.8	.5	.1								92	92		33											
54/ 53		.1	.5	.6	.3	.5	1.0	1.2	.5	.1								134	134		70											
52/ 51		.1	.5	.5	.4	1.0	1.7	.7	.4	.0								145	145		79											
50/ 49		.1	.4	.5	.5	1.5	1.2	.7	.1									140	140		33											
48/ 47		.2	.7	.3	1.1	1.2	1.4	.5										151	151		45											
46/ 45		.2	.5	.7	1.8	1.7	1.1	.0										168	170		68											
44/ 43		.3	.5	.8	1.5	1.9	.8	.2										163	164		66											
42/ 41		.4	.7	.6	1.3	1.1	.9	.1										137	139		66											
40/ 39		.4	.5	.8	1.3	1.4	.4											132	133		76											
38/ 37		.3	1.0	.6	1.5	1.1	.1	.0										128	129		115											
36/ 35		.5	1.1	1.6	1.3	.6	.0											142	144		145											
34/ 33		.4	1.5	.9	.7	.5												108	110		175											
32/ 31		.4	1.7	.7	.8	.2	.0											107	108		190											
30/ 29		.5	1.8	.7	.8	.1												108	108		181											
28/ 27		.3	1.0	1.0	.7													82	82		189											
26/ 25		.1	.9	.9	.4	.1												67	67		182											
24/ 23		.1	1.0	.9	.4													66	66		188											
22/ 21		.3	.6	.7	.1													47	47		142											
20/ 19		.4	.6	.6	.1													46	48		103											
18/ 17		.1	.5	.3	.1													30	31		48											
16/ 15		.3	1.0	.4														47	47		97											
14/ 13		.1	.7	.1														23	23		68											
Element (X)	ΣX																\bar{X}	Mean No. of Hours with Temperature			Total											
Ref. Hum.																		≥ 0 F			≥ 32 F			≥ 67 F			≥ 80 F			≥ 93 F		
Dry Bulb																																
Wet Bulb																																
Dew Point																																

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-72

JAN MONTH

PAGE 2 1200-1400 HOURS (L. S. T.)

9477-54321

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.0	.7	.1															24	24	32	69
10/ 9	.0	.4	.1															13	13	20	58
8/ 7	.1	.3	.1															13	13	15	58
6/ 5	.1	.1																2	2	8	51
4/ 3	.0																	1	1	1	43
2/ 1																				1	31
0/ -1																					14
-2/ -3																					17
-4/ -5																					11
-6/ -7																					4
-8/ -9																					8
-10/ -11																					4
-12/ -13																					4
-14/ -15																					2
-16/ -17																					5
-18/ -19																					1
TOTAL	6.3	19.9	15.9	16.4	14.5	10.7	7.0	5.3	2.1	1.2	.4	.2						2772	2772	2757	2757

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X) Σ X² Σ X X̄ σ_x No. Obs.

Rel. Hum. 10688398 161380 58.521.229 2757

Dry Bulb 5467387 117035 42.213.779 2772

Wet Bulb 3973985 99963 36.311.262 2757

Dew Point 2497819 74541 27.013.231 2757

Mean No. of Hours with Temperature

≥ 80 F ≥ 73 F ≥ 67 F ≥ 60 F

2.6 .4 22.8 33.1

2.4 62.3

Total 93 93 93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

JAN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
80/ 79						.1												2	2	
78/ 77					.0													5	5	
76/ 75									.0									3	3	
74/ 73						.1			.0			.1						8	8	
72/ 71					.1	.1		.0	.1			.1						13	13	
70/ 69					.1	.2	.3	.3	.4			.0						40	40	2
68/ 67		.0	.1	.1	.1	.2	.3	.3	.4	.2								51	51	1
66/ 65		.0	.1	.2	.3	.3	.4	.4	.3	.2	.0							65	65	
64/ 63		.1	.3	.3	.4	.3	.4	.5	.4	.3	.1							63	63	4
62/ 61		.1	.3	.3	.4	.3	.4	.5	.7	.8	.3	.0						98	98	15
60/ 59	.4	.0	.3	.3	.3	.4	.4	.5	.5	.2								102	102	9
58/ 57	.1	.0	.1	.4	.3	.4	1.1	.8	.3	.1								94	94	33
56/ 55	.1	.3	.3	.6	.5	1.1	1.3	.5	.2	.0								138	138	46
54/ 53	.4	.4	.3	.4	.4	1.2	1.3	.4	.0									123	123	73
52/ 51	.1	.4	.3	.4	.8	1.3	1.0	.7	.1									142	142	97
50/ 49	.3	.3	.7	.7	1.2	1.2	1.1	.3										150	150	109
48/ 47	.1	.8	.6	1.1	1.6	1.8	.5	.1										183	183	125
46/ 45	.3	.4	.6	1.3	1.6	1.1	.3											152	153	224
44/ 43	.0	.6	.3	.9	1.2	1.1	.1											114	114	177
42/ 41	.4	.8	.7	.9	1.3	.7	.3											141	144	202
40/ 39	.2	.9	.6	1.3	1.6	.6	.1											145	145	207
38/ 37	.3	.8	.6	1.3	.9	.1												110	110	200
36/ 35	.5	1.3	1.2	.7	.5	.1												120	120	172
34/ 33	.4	1.1	1.1	.6	.3													98	101	166
32/ 31	.4	1.4	.7	.7	.3													95	95	193
30/ 29	.4	1.6	.8	.7	.1													95	95	117
28/ 27	.4	.8	1.0	.5	.2													80	80	117
26/ 25	.2	.5	.9	.5	.1													59	59	74
24/ 23	.3	1.0	.8	.3	.1													67	67	171
22/ 21	.1	.6	.8	.1														44	44	67
20/ 19	.3	.5	.3	.0														29	33	63
18/ 17	.0	.7	.3	.0														28	29	36
16/ 15	.1	.9	.4															40	40	38
14/ 13	.2	.5	.2															25	25	45
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature												≥ 80 F	≥ 93 F	Total
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH JAN

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
6/ 5	.1	.2																8	8	18	45
4/ 3	.0	.1																3	3	4	41
2/ 1		.1																3	3	1	32
0/ -1																				2	13
-2/ -3																					12
-4/ -5																					27
-6/ -7																					3
-8/ -9																					6
-10/-11																					8
-12/-13																					6
-14/-15																					2
-16/-17																					2
TOTAL	6.725	6.621	5.519	5.519	5.519	7.2	4.3	1.6	.7	.1	.0						2759	2769	2759	2759	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					
						≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	Total
Rel. Hum.	12217326	175512	63.619	5.533	2759						2759
Dry Bulb	4635418	107814	38.912	5.73	2769		27.5	.2	.0		93
Wet Bulb	3581616	94676	34.310	5.984	2759	.1	38.1	.1			93
Dew Point	2419191	73101	26.513	5.225	2759						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME OK/OKLAHOMA CITY

YEARS 43-72

MONTH JAN

PAGE 2 HOURS (L. S. T.) 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dry Bulb	Dew Point
0/ -1	.0	.0																2	2	5	20
-2/ -3																					11
-4/ -5																					17
-6/ -7																					17
-8/ -9																					14
-10/-11																					6
-12/-13																					2
-14/-15																					2
TOTAL	9.334	227.8	16.0	7.7	3.3	1.4	.3	.1										2751	2764	2751	2751
Element (X)	Σ X ²	Σ X	X̄	Σ X	Σ X	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature							Total				
Rel. Hum.	14111690	191080	69.51	17.473	2751	2751	2751	2751	2751	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	3937239	98725	35.71	12.196	2764	2764	2764	2764	2764	.1	35.0	.0	.0	93							
Wet Bulb	3212362	88774	32.31	1.244	2751	2751	2751	2751	2751	.2	45.9			93							
Dew Point	2344803	71413	26.01	3.362	2751	2751	2751	2751	2751	3.0	66.0			93							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

STATION NAME YEARS 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							
68/ 67																		3	3									
66/ 65																		3	3									
64/ 63		.2	.3	.1	.1													15	15									
62/ 61		.2	.3	.1	.1													19	19		8							
60/ 59	.0	.3	.2	.2	.1													25	25		17							
58/ 57		.3	.4	.3	.2	.1												33	33		14							
56/ 55	.1	.5	.4	.5	.2	.1	.2											49	49		19							
54/ 53	.3	.8	.3	.3	.5	.2	.3											65	65		40							
52/ 51	.0	.8	.7	.3	.5	.6	.2											74	74		51							
50/ 49	.4	.9	.6	1.1	.7	.7	.0											108	108		53							
48/ 47	.7	1.1	1.0	1.3	.8	.4	.2	.1										137	139		75							
46/ 45	.5	1.2	1.3	1.3	1.4	.2	.1											147	151		81							
44/ 43	.2	1.5	1.3	1.5	1.0	.3	.1											144	144		120							
42/ 41	.4	1.7	2.2	1.4	1.3	.3												180	181		152							
40/ 39	.3	1.6	2.1	1.7	.6													154	155		169							
38/ 37	.5	2.3	2.1	2.4	.6													193	193		178							
36/ 35	.6	2.2	2.0	.7	.2													141	144		202							
34/ 33	.7	3.2	2.6	.8	.0													179	179		220							
32/ 31	.4	2.5	2.0	1.1	.0													148	148		199							
30/ 29	.5	2.4	2.2	1.1														150	151		163							
28/ 27	.5	1.9	2.0	.7	.0													127	127		149							
26/ 25	.4	2.0	1.5	.2														103	103		142							
24/ 23	.5	1.8	.9	.0														80	80		116							
22/ 21	.5	1.4	.7															63	63		113							
20/ 19	.3	1.1	.1															38	38		64							
18/ 17	.3	.7	.1															27	28		48							
16/ 15	.4	.2	.1															17	17		23							
14/ 13	.2	.1																7	7		10							
12/ 11		.4																9	9		8							
10/ 9		.1																2	3		6							
8/ 7		.1																2	2		1							
6/ 5	.0	.2																5	5		4							
4/ 3		.0																1	1		3							
2/ 1																					6							
Element (X)	Σ X?	Σ X																X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total		
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F			
Dry Bulb																												
Wet Bulb																												
Dew Point																												

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS MONTH FEB
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		D.B./W.B.	Wet Bulb	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	≥ 80 F			
66/ 65		.1				.0					.0							1	1		
64/ 63		.2	.2	.1	.0	.1					.0							6	6		
62/ 61		.5	.3	.1														11	11	4	
60/ 59		.5	.3	.1														22	22	9	
58/ 57	.1	.5	.2	.0	.0	.1					.0							24	24	16	
56/ 55	.2	.7	.4	.2	.2	.1	.0				.0							43	43	25	
54/ 53	.2	.7	.3	.2	.4	.2	.1	.1			.0							53	54	33	
52/ 51	.0	.9	.5	.4	.2	.1	.1				.1							54	56	34	
50/ 49	.8	.9	.5	.7	.3	.3	.2				.2							90	91	69	
48/ 47	.5	.7	.6	.9	.6	.3	.1				.3							91	92	43	
46/ 45	.7	1.4	.9	1.6	1.1	.1	.0				.1							142	143	74	
44/ 43	.3	1.1	1.5	1.7	.8	.2	.0				.2							137	138	99	
42/ 41	.6	1.4	2.3	1.4	.4	.1					.1							151	155	96	
40/ 39	.5	2.5	1.8	1.1	.5	.1					.1							159	160	183	
38/ 37	.9	1.7	2.3	1.5	.4	.1					.1							167	167	192	
36/ 35	.5	3.6	2.8	1.1	.2						.2							200	202	179	
34/ 33	.7	3.0	1.9	.5	.1						.1							150	150	186	
32/ 31	.6	3.8	2.3	.7							.7							180	181	225	
30/ 29	.6	2.5	2.0	.4							.4							133	133	161	
28/ 27	.5	2.7	2.1	.5							.5							141	141	165	
26/ 25	.5	2.9	1.1	.2							.2							118	120	145	
24/ 23	.7	2.6	1.7	.0							.0							122	124	141	
22/ 21	.5	1.6	.4	.0							.0							64	65	112	
20/ 19	.7	2.2	.3								.3							77	78	85	
18/ 17	.4	1.1	.1								.1							40	40	66	
16/ 15	.5	.4	.2								.2							27	27	50	
14/ 13	.4	.2									.2							13	13	18	
12/ 11	.1	.4									.4							11	11	14	
10/ 9		.2									.2							4	4	5	
8/ 7		.1									.1							2	2	3	
6/ 5	.0	.0									.0							2	2	3	
4/ 3	.1	.1									.1							2	2	1	
2/ 1	.0	.1									.1							4	4	5	
0/ -1																				8	

Element (X)	Mean No. of Hours with Temperature					Total
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.						
Dry Bulb						
Wet Bulb						
Dew Point						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS PAGE 1 0600-0800 MONTH FEB HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point
64/ 63	.0	.2	.1	.0	.0												6	6	
62/ 61	.0	.2	.0	.0	.0												7	7	
60/ 59	.1	.3	.3	.2	.0												20	20	
58/ 57	.1	.2	.1	.1	.1												13	13	
56/ 55	.1	.8	.3	.1	.1	.1											35	36	
54/ 53	.2	.8	.0	.2	.0	.1	.1										36	37	
52/ 51	.2	.9	.4	.3	.3	.2	.2										55	56	
50/ 49	.6	.9	.5	.5	.3	.2	.0										74	74	
48/ 47	.6	.9	.8	.9	.3	.4											95	95	
46/ 45	.3	.7	.9	1.2	1.3	.1											111	112	
44/ 43	.6	1.4	1.1	1.4	.6	.1											127	133	
42/ 41	.5	1.5	1.8	1.6	.3	.1											141	143	
40/ 39	.7	2.2	2.8	1.2	.2	.1											177	178	
38/ 37	.9	2.8	2.3	.8	.1												169	169	
36/ 35	.6	2.9	1.8	1.1	.3												165	165	
34/ 33	.7	3.7	1.9	1.1	.2												184	187	
32/ 31	.7	3.4	2.6	.5													175	177	
30/ 29	.9	3.1	1.7	.5													151	151	
28/ 27	.5	3.0	1.9	.4													143	143	
26/ 25	.9	2.9	1.2	.2													127	127	
24/ 23	.4	2.7	1.1	.1													104	108	
22/ 21	.6	2.3	.7	.1													88	89	
20/ 19	.7	2.1	.5														80	80	
18/ 17	.3	1.8	.4														61	61	
16/ 15	.7	.5	.1														31	31	
14/ 13	.7	.7	.0														34	34	
12/ 11	.1	.2															8	8	
10/ 9	.2	.2															8	8	
8/ 7		.2															4	4	
6/ 5		.1															2	2	
4/ 3	.0																1	1	
2/ 1	.0	.0															2	2	
0/ -1	.0	.1															3	3	
-2/ -3																			

Element (X)	Z X ²	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 93 F	
Rel. Hum.										
Dry Bulb										
Wet Bulb										
Raw Data										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS MONTH FEB
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point		
78/ 77									.1									2	2			
76/ 75							.0											1	1			
72/ 71					.1		.0											3	3			
70/ 69				.0	.0		.0											4	4			
68/ 67	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0							9	9	1			
66/ 65		.3	.3	.3	.3	.4	.4	.4	.4	.2							13	13	1			
64/ 63		.3	.3	.3	.3	.4	.4	.4	.4	.2							27	27	4			
62/ 61		.3	.3	.3	.3	.4	.4	.4	.4	.2							26	26	8			
60/ 59	.1	.3	.3	.3	.3	.4	.4	.4	.4	.2							61	61	14			
58/ 57	.0	.4	.4	.4	.4	.5	.5	.5	.5	.0							72	72	20			
56/ 55	.1	.3	.3	.3	.3	.4	.4	.4	.4	.2							85	85	37			
54/ 53	.1	.3	.3	.3	.3	.4	.4	.4	.4	.2							84	85	30			
52/ 51	.3	.7	.7	.7	.7	.8	.8	.8	.8	.1							114	115	48			
50/ 49	.2	.4	.4	.4	.4	.5	.5	.5	.5	.1							138	138	89			
48/ 47	.4	.6	.6	.6	.6	.7	.7	.7	.7	.1							114	115	87			
46/ 45	.2	.4	.4	.4	.4	.5	.5	.5	.5	.0							147	147	121			
44/ 43	.6	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	.1							148	151	152			
42/ 41	.6	1.5	1.1	2.0	.7	.5											158	159	187			
40/ 39	.2	1.8	1.7	1.8	1.2	.4											174	174	185			
38/ 37	.7	1.9	1.1	1.3	.9	.2											149	149	186			
36/ 35	.7	2.1	1.9	1.3	.4												157	157	210			
34/ 33	.6	2.4	1.8	.9	.4	.0											150	150	161			
32/ 31	.6	1.5	1.3	.8	.2												108	110	202			
30/ 29	.5	1.1	1.4	.7	.0												92	92	135			
28/ 27	.4	1.8	1.6	.6													106	109	104			
26/ 25	.2	1.1	1.2	.1													62	62	110			
24/ 23	.4	1.2	1.0	.2													69	72	90			
22/ 21	.4	1.1	.9	.0													63	65	86			
20/ 19	.2	1.0	.2	.0													36	36	59			
18/ 17	.3	.7	.1														28	28	51			
16/ 15	.2	.7	.1														24	24	28			
14/ 13	.1	.4															12	12	21			
12/ 11	.0	.2															5	5	10			
10/ 9	.1	.1															3	3	4			
Element (X)	Z _X ²	Z _X	\bar{X}	e _X	No. Obs.	Mean No. of Hours with Temperature																Total
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									Total		
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH FEB
 PAGE 2 HOURS (L. S. T.) 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		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	D.B./W.B.	Dry Bulb	Wet Bulb
8/ 7																		1	1	2	40
6/ 5		.0																1	1	1	41
4/ 3		.0																1	1	1	14
2/ 1		.0																1	1	1	10
0/ -1																					5
-2/ -3																					3
-4/ -5																					2
-6/ -7																					4
-8/ -9																					3
TOTAL	7.726	221.518	012.1	8.1	3.5	1.8	.7	.3	.0								2447	2464	2447	2447	2447

Element (X)	ΣX ²	ΣX	X̄	s _x ²	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Hum.	11486103	160517	65.6	19.776	2447							
Dry Bulb	4345965	99377	40.3	11.713	2464		21.2	.6	.1			84
Wet Bulb	3379262	87528	35.8	10.078	2447		31.1	.0				84
Dew Point	2352699	69939	28.6	12.026	2447		52.6					84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS 1958 MONTH FEB
 PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
84/ 83																		1	1	
82/ 81																		2	2	
80/ 79							.0	.0									.0	5	5	
78/ 77							.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	11	11	
76/ 75			.0				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	
74/ 73			.0	.1			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	18	
72/ 71		.0	.1	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25	25	
70/ 69			.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	44	44	2
68/ 67			.0	.1	.2	.2	.2	.3	.6	.7	.2						.61	61	2	
66/ 65			.0	.0	.2	.4	.4	.4	.3	.3	.1						.53	53	2	
64/ 63			.2	.1	.2	.6	.5	.6	.8	.5							.86	86	1	
62/ 61			.2	.2	.1	.4	.9	1.1	.7	.1	.1						.92	92	1	
60/ 59		.0	.2	.3	.4	.7	1.2	1.2	.7	.1							121	121	27	
58/ 57	.1	.1	.3	.5	.6	.9	1.1	.8	.6								125	125	43	
56/ 55	.0	.4	.2	.6	.5	1.2	.7	.8	.3								114	114	52	
54/ 53	.1	.4	.7	.4	.5	1.1	.9	.7	.0								121	121	88	
52/ 51	.0	.4	.4	.8	.9	1.6	1.4	.4									149	149	129	
50/ 49	.2	.3	.3	.7	.9	1.7	.9	.3									129	130	140	
48/ 47	.0	.4	.4	.6	1.1	1.3	.8	.2									118	118	159	
46/ 45	.2	.7	.7	1.3	.7	1.1	.5										126	128	174	
44/ 43	.1	1.0	.8	.8	1.0	.6	.3										112	112	166	
42/ 41	.2	1.3	1.0	1.3	.9	.6	.2										132	132	177	
40/ 39	.5	1.7	1.2	.9	1.3	.7											157	157	217	
38/ 37	.1	1.1	.7	1.1	1.3	.2											108	108	175	
36/ 35	.4	1.2	1.0	.9	.5	.2											102	102	154	
34/ 33	.4	1.2	1.0	.9	.5	.2											96	96	141	
32/ 31	.2	.9	.9	.7	.3												71	71	130	
30/ 29	.4	.7	.7	.8	.2												64	64	123	
28/ 27	.2	.7	.6	.3													42	42	76	
26/ 25	.3	.5	.6	.2													41	42	80	
24/ 23	.0	.8	.7	.1													38	41	44	
22/ 21	.1	.6	.3	.0													26	29	46	
20/ 19	.3	.5	.2														26	26	45	
18/ 17	.2	.2	.0														10	10	22	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature											Total			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH FEB
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
16/ 15	.2	.1	.0														8	8	11	96
14/ 13																		1	4	55
12/ 11		.0																1	1	51
10/ 9		.0																1	1	52
8/ 7		.0																1	1	48
6/ 5																		1	1	21
4/ 3																				20
2/ 1																				9
0/ -1																				5
-4/ -5																				2
-6/ -7																				3
TOTAL	4.3	15.3	13.4	13.7	12.3	13.8	10.5	7.4	4.2	2.6	1.4	.8	.2				2453	2461	2453	2453

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	8507793	133785	54.62	2.203	2452								
Dry Bulb	5930787	116397	47.31	3.153	2461		11.5	6.2	1.7	.2			84
Wet Bulb	4143101	97791	39.9	2.987	2453		20.0	.1					84
Dew Point	2509477	72715	29.61	2.015	2453	.3	49.5	.1					84

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY YEARS 43-72
 1500-1700 MONTH FEB
 PAGE 2 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
18/ 17	.1	.2	.1														9	9	10	118
16/ 15	.2	.0	.0														8	8	10	96
14/ 13																			2	57
12/ 11																			1	54
10/ 9																				44
8/ 7																				53
6/ 5																				24
4/ 3																				13
2/ 1																				2
0/ -1																				4
-2/ -3																				1
-4/ -5																				1
-6/ -7																				4
TOTAL	5.0	10.7	11.4	11.1	13.3	12.4	11.6	10.3	6.2	2.8	2.7	1.6	.8				2458	2459	2458	2458

Element (X)	Σ X ²	Σ X	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F		
Rel. Hum.	7682868	125340	51.022	2.926	2458								
Dry Bulb	6498084	122132	49.713	2.59	2459		8.7	8.8	2.5	.3			84
Wet Bulb	4381752	100964	41.1	9.771	2458		16.7	.1					84
Dew Point	2518444	72886	29.712	2.057	2458	.3	49.9	.0					84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH FEB
 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.	Wet Bulb
80/ 79																	1	1	
78/ 77																	2	2	
76/ 75																	1	1	
74/ 73																	4	4	
72/ 71								.0									5	5	
70/ 69					.1			.2									17	17	
68/ 67			.0		.2			.0									27	27	
66/ 65		.1	.0	.2	.2			.3									41	41	
64/ 63		.3	.1	.1	.3			.2									49	49	1
62/ 61		.2	.2	.2	.3			.3									55	55	9
60/ 59		.1	.4	.4	.6			.4									93	93	6
58/ 57		.2	.3	.4	.7			.7									108	108	10
56/ 55	.1	.3	.4	.7	.9			1.2									135	135	17
54/ 53	.2	.3	.8	.6	.7			1.4									132	132	30
52/ 51	.1	.4	.4	.7	.7			1.4									132	132	34
50/ 49	.3	.2	.6	.9	1.1			1.0									138	139	52
48/ 47	.2	1.2	.6	1.1	1.4			1.3									163	163	53
46/ 45	.3	.6	.9	1.2	1.3			1.3									155	155	75
44/ 43	.1	1.5	.8	1.5	1.2			1.0									159	159	77
42/ 41	.2	1.2	1.1	1.2	1.3			.4									134	134	77
40/ 39	.3	1.1	1.7	.9	1.1			.9									151	151	108
38/ 37	.1	1.0	1.5	1.6	1.3			.2									140	140	88
36/ 35	.3	1.6	1.7	1.0	.9			.0									136	136	152
34/ 33	.4	1.4	1.1	1.1	.5			.1									114	114	172
32/ 31	.2	.8	1.0	.9	.3												78	78	180
30/ 29	.5	.8	1.0	.7	.2												79	80	196
28/ 27	.3	.5	.6	.3													42	42	99
26/ 25	.2	1.0	.8	.0													49	51	134
24/ 23	.0	.7	.4	.1													30	30	137
22/ 21	.4	.7	.3	.1													37	37	137
20/ 19	.2	.5	.2														23	23	113
18/ 17	.2	.2	.0														12	12	118
16/ 15	.1	.3	.0														10	10	91
14/ 13																	1	1	60

Element (X)	Σ X					No. Obs.	Mean No. of Hours with Temperature					Total
	Σ X ²	\bar{X}	σ_x	≥ 32 F	≥ 30 F		≥ 27 F	≥ 23 F	≥ 19 F	≥ 15 F		
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

PAGE 1 2100-2300 MONTH FEB
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
78/ 77												.0					1	1		
74/ 73												.0					1	1		
68/ 67				.0				.1	.0	.1							5	5		
66/ 65			.1	.1	.1	.1	.1	.0	.1	.0							16	18		
64/ 63	.2	.2	.2	.1	.0	.0	.1	.1	.1	.1							20	20	1	
62/ 61	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0							13	13	10	3
60/ 59	.0	.4	.4	.2	.4	.4	.1	.1	.1	.1							44	44	14	14
58/ 57	.2	.2	.4	.3	.3	.3	.3	.2	.2	.2							51	51	15	9
56/ 55	.4	.4	.6	.7	.3	.8	.5	.2	.2	.2							87	87	27	12
54/ 53	.2	.6	.6	.5	.7	.7	.5	.1	.1	.1							95	95	39	20
52/ 51	.3	.9	.6	.8	1.0	.9	.4	.1	.1	.1							124	124	63	41
50/ 49	.4	.5	.5	1.1	1.5	.7	.4	.4	.4	.4							128	128	80	45
48/ 47	.3	1.1	.7	1.4	1.1	.5	.4	.4	.4	.4							138	138	83	55
46/ 45	.3	1.3	1.3	1.5	1.1	1.3	.2	.2	.2	.2							172	172	123	59
44/ 43	.2	1.5	1.5	1.7	1.3	.4	.3	.3	.3	.3							168	168	155	77
42/ 41	.3	1.6	1.5	1.4	1.6	.3	.3	.3	.3	.3							162	162	189	73
40/ 39	.3	1.8	2.0	1.1	1.2	.2	.2	.2	.2	.2							162	166	178	91
38/ 37	.2	1.8	2.0	2.0	.7	.1	.1	.1	.1	.1							169	169	187	114
36/ 35	.3	1.8	1.9	1.8	.6	.6	.6	.6	.6	.6							160	160	202	152
34/ 33	.7	2.2	2.3	1.5	.2	.2	.2	.2	.2	.2							167	167	199	173
32/ 31	.2	1.5	1.9	1.1	.1	.1	.1	.1	.1	.1							115	116	180	179
30/ 29	.3	2.0	1.5	1.6	.1	.1	.1	.1	.1	.1							135	135	177	168
28/ 27	.3	1.4	1.5	.8	.8	.8	.8	.8	.8	.8							98	98	142	134
26/ 25	.4	1.0	1.1	.2	.2	.2	.2	.2	.2	.2							65	66	105	159
24/ 23	.2	1.0	.3	.0	.0	.0	.0	.0	.0	.0							37	38	105	151
22/ 21	.3	1.1	.2	.2	.2	.2	.2	.2	.2	.2							40	40	68	142
20/ 19	.4	.9	.5	.5	.5	.5	.5	.5	.5	.5							42	42	44	114
18/ 17	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0							14	14	28	110
16/ 15	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3							16	17	24	98
14/ 13	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2							4	5	9	64
12/ 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							1	1	2	69
10/ 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							1	1	2	44
8/ 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							3	3	2	34
6/ 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							3	3	2	18

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS
 MONTH MAR PAGE 2 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
6/ 5		.0																1	1	1	18
4/ 3	.0																	1	2	2	14
2/ 1																			2		3
0/ -1																					3
-2/ -3																					1
-4/ -5																					2
-6/ -7																					2
TOTAL	4.627	323.2	18.3	12.7	7.7	3.8	1.4	.6	.1	.1	.0							2671	2679		2671

Element (X)	Σ X ²	Σ X	X	X ²	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	1308594	180286	67.5	45530	2671							
Dry Bulb	5568932	118154	44.1	19560	2679	1.8						93
Wet Bulb	4450077	105479	39.5	10325	2671		23.9					93
Dew Point	3336065	88417	33.1	12380	2671		46.9	.3				93

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS MAR MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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									1	1							
72/ 71									.0									2	2							
70/ 69									.0									3	3							
68/ 67			.1	.1	.0	.1			.1								.0	12	12							
66/ 65	.0	.2	.1	.2	.1	.1					.1							21	21	3	1					
64/ 63		.3	.3	.2	.2	.1												30	30	10	5					
62/ 61	.1	.8	.6	.6	.1	.2	.2	.1	.0									73	73	24	11					
60/ 59	.3	.7	.7	.6	.3	.1	.1											78	78	53	38					
58/ 57		1.1	.6	.6	.2	.3	.1	.1	.0									84	84	51	40					
56/ 55	.3	.9	.6	.9	.7	.2	.2	.0	.0									102	103	73	45					
54/ 53	.1	1.2	.6	1.2	.7	.4	.2	.1										125	125	68	64					
52/ 51	.3	1.0	1.1	.7	.7	.6	.1	.0										125	125	88	70					
50/ 49	.2	.7	1.1	1.2	.8	.7	.2	.0										132	132	109	65					
48/ 47	.1	1.3	1.0	.9	.9	.8	.1											139	139	120	65					
46/ 45	.1	1.0	.9	1.5	1.4	.5	.1											148	148	119	89					
44/ 43	.4	1.5	1.4	1.3	1.1	.4	.0											165	165	135	87					
42/ 41	.4	2.1	1.8	1.6	.7	.1												178	178	146	119					
40/ 39	.5	1.8	2.1	1.2	.5													164	164	203	115					
38/ 37	.3	2.7	1.8	1.3	.2													167	169	214	126					
36/ 35	.5	2.6	2.4	1.2	.1													184	185	230	157					
34/ 33	.1	2.1	2.9	1.0	.1													166	166	199	164					
32/ 31	.4	2.9	1.6	1.0														160	160	161	192					
30/ 29	.1	2.4	1.8	.4														125	125	187	183					
28/ 27	.4	1.6	1.1	.3														89	90	151	155					
26/ 25	.3	1.3	.6	.1														64	65	113	191					
24/ 23	.1	1.2	.4															44	44	67	161					
22/ 21	.0	.7	.2															26	26	56	135					
20/ 19	.1	.6	.2															24	24	26	91					
18/ 17		.1	.0															5	5	27	61					
16/ 15	.0	.4																11	11	9	76					
14/ 13	.0	.1																5	5	8	56					
12/ 11	.1	.2																8	8	5	27					
10/ 9	.1	.2																9	9	10	22					
8/ 7	.1																	3	3	7	25					
Element (X)	Σ X																Σ X			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																										

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS

MAR MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)										TOTAL		TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		.0												2	6	1	1	
68/ 67		.1	.1	.0															18	18	3	2
66/ 65	.0	.1	.3	.1	.1	.0	.0												37	37	12	6
64/ 63	.2	.2	.5	.2	.2	.1	.1	.1											49	49	19	3
62/ 61	.7	.7	.6	.2	.1	.1	.1	.0	.0										77	77	39	29
60/ 59	.2	.7	.8	.4	.2	.4	.2	.1	.2	.0									76	76	54	35
58/ 57	.1	1.1	.6	.3	.3	.2	.1	.2	.1	.2	.0								99	100	63	48
56/ 55	.2	1.2	.6	.8	.5	.4	.1												123	123	67	62
54/ 53	.2	1.2	1.4	.6	.5	.5	.3												116	116	77	58
52/ 51	.1	1.3	.9	1.1	.4	.5	.1	.1											125	125	116	66
50/ 49	.2	.7	1.6	.9	.4	.8	.2	.2											140	140	111	79
48/ 47	.5	1.4	.8	.9	1.1	.6	.1												160	160	141	85
46/ 45	.3	1.4	1.2	1.3	1.2	.5	.1												156	156	130	96
44/ 43	.4	1.8	1.3	1.1	1.0	.3	.0												178	178	142	127
42/ 41	.4	2.1	1.9	1.5	.6	.2													172	173	210	112
40/ 39	.6	1.7	2.5	1.4	.3	.0													177	179	195	124
38/ 37	.3	2.6	2.2	1.3	.3														176	176	205	146
36/ 35	.3	2.9	2.4	.8	.3														156	156	224	163
34/ 33	.6	1.9	2.4	.7	.2														149	149	161	193
32/ 31	.3	3.0	1.6	.5	.1														132	132	182	196
30/ 29	.7	2.2	1.5	.5															112	112	142	151
28/ 27	.4	2.3	1.4	.2															60	60	125	175
26/ 25	.2	1.5	.5	.1															55	55	72	153
24/ 23	.1	1.2	.7																33	33	53	150
22/ 21	.1	1.0	.2																25	25	43	74
20/ 19	.0	.7	.2																8	8	26	76
18/ 17	.0	.3																	12	12	8	62
16/ 15	.0	.4																	4	4	9	52
14/ 13	.0	.1	.0																8	8	4	44
12/ 11	.0	.3	.0																10	11	13	20
10/ 9	.2	.2																	2	2	5	18
8/ 7	.0	.0																	4	4	5	10
6/ 5	.1	.0																	2	2	4	5
4/ 3	.0	.0																	2	2	2	18

Element (X)	ΣX ²	ΣX	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

2

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAIC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAR
 PAGE 2 0600-0800 HOURS (L. S. T.)

9477-54321

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL	TOTAL	D.B./W.B.	Dry Bulb	Wet Bulb	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
2/ 1	.0																	1	1	1	8	
0/ -1	.0																	1	2	1	6	
-2/ -3																					2	
-4/ -5																					3	
-6/ -7																					3	
TOTAL	7.0	328.1	14.7	7.8	4.2	1.4	.4	.1	.1									2661	2667		2661	
Element (X)	ΣX ²	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	
Rel. Hum.	14863673	193817	72.9	16.642	2659																	
Dry Bulb	4863503	109767	41.2	11.388	2667																93	
Wet Bulb	4072648	100182	37.6	10.637	2661																93	
Dew Point	3223475	86457	32.5	12.482	2661																93	
																	Mean No. of Hours with Temperature					
																	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
																	.1	21.6	.3			93
																	.0	29.8	.0			93
																	.5	49.4	.0			93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 MONTH MAR PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
81/ 81																		1	1			
81/ 79																		1	1			
78/ 77																		7	7			
76/ 75																		11	11			
74/ 73																		24	24			
72/ 71																		31	31			
70/ 69																		35	35			
68/ 67																		66	66			
66/ 65																		89	89			
64/ 63																		91	91			
62/ 61																		114	114			
60/ 59																		136	136			
58/ 57																		132	132			
56/ 55																		136	136			
54/ 53																		127	127			
52/ 51																		146	146			
50/ 49																		139	139			
48/ 47																		162	162			
46/ 45																		158	158			
44/ 43																		147	147			
42/ 41																		125	125			
40/ 39																		149	150			
38/ 37																		119	119			
36/ 35																		120	120			
34/ 33																		100	100			
32/ 31																		91	91			
30/ 29																		65	65			
28/ 27																		41	41			
26/ 25																		36	36			
24/ 23																		27	27			
22/ 21																		17	17			
20/ 19																		8	8			
18/ 17																		5	5			
16/ 15																		7	7			
Element (X)	Zx ²	Zx	X̄	%	No. Obs.	Mean No. of Hours with Temperature																Total
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F										Total	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAR
 PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13	.1	.2																7	7	9	35
12/ 11	.1	.0																4	4	8	30
10/ 9	.0	.0																2	2	2	35
8/ 7	.0	.0																2	2	2	25
6/ 5	.0																	1	1	2	16
4/ 3	.0																	1	1	1	13
2/ 1																					7
0/ -1																					5
-2/ -3																					1
-4/ -5																					2
TOTAL	3.6	8.9	18.2	18.5	13.6	9.5	7.6	5.1	2.2	1.7	.7	.3	.1				2680	2681	2680	2680	

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	11278653	164601	61.4	20.890	2680							
Dry Bulb	6568439	128291	47.9	12.659	2681		10.9	6.1	1.5	.0		93
Wet Bulb	4939842	111482	41.6	10.625	2680		19.0	.2				93
Dew Point	2171802	90022	33.4	9.211	2680							

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 MONTH MAR
PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		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		D.B./W.B.	Dry Bulb
22/ 21	.0	.1	.1														8	8	14	1.8
20/ 19	.0	.1	.1														5	5	10	84
18/ 17		.1	.1														4	4	7	76
16/ 15																			2	69
14/ 13	.0	.0															2	2	2	57
12/ 11	.1	.1															4	4	2	46
10/ 9	.0	.0															2	2	3	32
8/ 7																		1	1	30
6/ 5																				5
4/ 3																				3
2/ 1																				3
0/ -1																				4
-2/ -3																				3
-4/ -5																				1
TOTAL	2.1	11.3	9.3	10.7	12.4	11.8	9.7	8.7	5.6	2.3	1.6	1.2	.5	.2	.1		2681	2681	2681	2681

Element (X)	Σ X ²	Σ X	X	s ²	No. Obs.	Mean No. of Hours with Temperature				Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F		≥ 93 F
Rel. Hum.	8160649	135499	50.5	22.130	2681						
Dry Bulb	8484749	146195	54.5	13.832	2681	5.9	19.9	9.0	2.2		93
Wet Bulb	5729570	120774	45.0	10.383	2681	11.8	1.0				93
Dew Point	3538898	90966	33.9	12.993	2681						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 PAGE 1 1500-1700 HOURS (L. S. T.) MONTH MAR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
90/ 89															.1	.1	4	4						
88/ 87															.0	.1	6	6						
86/ 85															.2	.2	14	14						
84/ 83											.1	.3	.2	.2	.1	.0	30	30						
82/ 81							.0	.1	.0	.4	.0	.2	.1	.1			31	31						
80/ 79							.2	.4	.3	.1	.3	.2	.0				48	48						
78/ 77						.1	.3	.4	.7	.3	.2	.4	.5	.1			83	83						
76/ 75			.0	.1	.3	.1	.4	.3	.4	.2	.5	.4	.1				77	77						
74/ 73			.0	.0	.3	.5	.3	.4	.5	.3	.3	.2					76	76						
72/ 71			.0	.2	.2	.2	.6	.4	.7	.4	.6	.2					103	103						
70/ 69		.0	.1	.3	.3	.4	.4	.7	.7	.6	.9	.2	.1				122	122	3					
68/ 67		.0	.3	.3	.2	.6	.6	1.1	.9	.7	.1						128	128	23					
66/ 65		.1	.3	.1	.5	.7	.7	.8	1.0	.9	.1						144	144	33					
64/ 63	.2	.4	.1	.4	.6	1.0	1.5	1.1	.4								174	174	64					
62/ 61	.1	.3	.2	.5	.7	.9	1.1	.9	.1								153	153	110					
60/ 59	.1	.1	.4	.5	.4	.6	.9	1.2	.2								122	122	93					
58/ 57		.4	.3	.7	.9	.7	.9	.8	.2								129	129	110					
56/ 55	.1	.2	.3	.2	.8	.7	.9	.5	.0								123	123	39					
54/ 53		.2	.4	.5	.6	.7	.6	.4	.3								99	99	170					
52/ 51	.1	.4	.3	.3	.5	.9	1.3	.4	.1								116	116	182					
50/ 49	.1	.7	.3	.6	.9	1.3	1.5	.4									155	155	217					
48/ 47	.1	.3	.2	.6	.7	.5	1.1	.2									100	100	225					
46/ 45		.7	.6	.3	.4	.7	.5										89	89	186					
44/ 43		1.0	.1	.5	.4	.6	.3										80	80	177					
42/ 41	.1	.9	.6	.4	.5	.3	.1										81	81	179					
40/ 39	.1	.7	.4	.9	.6	.3											77	77	156					
38/ 37	.1	.5	.3	.6	.3	.3											59	59	139					
36/ 35	.2	1.1	.7	.5	.4	.0											83	83	108					
34/ 33	.2	1.4	.3	.4	.1												61	61	145					
32/ 31	.2	.8	.4	.1													39	39	95					
30/ 29	.4	.3	.1														22	22	62					
28/ 27	.2	.1	.1	.1													15	15	46					
26/ 25	.1	.2															7	7	12					
24/ 23	.0	.2	.1	.0													11	11	8					
Element (X)	ΣX²			ΣX			X̄			°K			No. Obs.			Mean No. of Hours with Temperature			Total					
Rel. Hum.													≤ 50 F			≥ 67 F			≥ 80 F			≥ 93 F		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45,47-72 MONTH MAR
 PAGE 2 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL			TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21	.0	.0	.1															5	5	13	120
20/ 19		.1	.1															7	7	6	100
18/ 17		.0	.0															1	1	8	81
16/ 15		.0	.0															2	2	2	69
14/ 13			.0															1	1	1	58
12/ 11																		3	3	4	28
10/ 9	.1																				
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
0/ -1																					
-2/ -3																					
TOTAL	1.8	10.4	7.3	8.1	9.5	11.2	12.9	10.0	10.5	7.2	4.8	2.8	2.0	.6	.4	.4	.0	2680	2680	2680	2680

Element (X)	Σ X ²	Σ X	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature				
						≥ 32 F	≥ 30 F	≥ 28 F	≥ 26 F	Total
Rel. Hum.	7251243	125763	46.92	2.445	2680	0	0	0	0	0
Dry Bulb	9218778	152568	56.91	4.110	2680	3.9	25.1	12.8	3.6	93
Wet Bulb	5983865	123713	46.21	0.096	2680	9.0	.9			93
Dew Point	3507253	90703	33.81	2.779	2680	4.7	0			93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAR 1800-2000
PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																		2	2									
84/ 83																	.0	4	4									
82/ 81																	.0	5	5									
80/ 79																	.1	14	14									
79/ 77									.1	.1	.1	.0	.0	.1	.1	.0	25	25										
76/ 75			.1	.0				.2	.2	.2	.2	.2	.0	.0	.0	.0	23	23										
74/ 73			.0	.1	.3	.4	.3	.3	.2	.3	.2	.2	.0				54	54										
72/ 71			.1	.3	.5	.4	.3	.1	.3	.2	.1	.0					59	59										
70/ 69	.0	.0	.2	.4	.6	.5	.3	.5	.6	.7	.3	.1	.0				78	78	2	1								
68/ 67			.2	.4	.6	.5	.3	.5	.6	.7	.3	.1	.0				105	105	6	1								
66/ 65	.2	.1	.5	.3	.6	.5	.3	.5	.6	.7	.5	.2					104	104	15	2								
64/ 63	.0	.0	.3	.6	.3	.5	.7	.5	.9	.7	.2	.0					129	129	51	9								
62/ 61	.1	.5	.4	.3	.6	.9	.8	.7	.8	.3	.0						133	133	62	24								
60/ 59	.4	.4	.2	.6	.9	.8	1.0	1.3	.9	.3							166	166	103	36								
58/ 57	.2	.6	.5	.8	.8	1.2	1.3	1.2	.7	.0							171	171	80	48								
56/ 55	.2	.2	.5	.6	1.0	.8	1.0	1.2	.3								149	149	90	58								
54/ 53	.1	.5	.4	.5	1.0	1.2	1.2	.9	.0								154	154	135	62								
52/ 51	.2	.6	.3	.6	.9	1.0	1.2	.5									139	139	150	68								
50/ 49	.2	.5	.9	.7	1.2	1.0	.7	.3									143	143	179	87								
48/ 47	.0	.7	.8	.9	1.0	1.3	.8	.1									149	149	191	84								
46/ 45	.8	.9	1.0	.9	.9	.8	.3	.0									127	127	212	75								
44/ 43	.1	.8	.6	.7	.9	.9	.2										110	110	215	111								
42/ 41	.2	1.0	.7	.7	.9	.9	.4	.0									118	118	216	126								
40/ 39	.9	.9	.8	.9	.7	.4	.0										102	102	185	144								
38/ 37	.2	.5	.6	.6	.4	.2											69	69	147	133								
36/ 35	.5	1.0	1.2	.6	.3	.0											95	95	141	147								
34/ 33	.2	1.5	.6	.7	.2												85	85	137	174								
32/ 31	.2	.6	.4	.3	.0												41	41	137	185								
30/ 29	.2	.8	.6	.3	.0												49	49	57	158								
28/ 27	.1	.3	.2	.0													17	17	68	122								
26/ 25	.1	.1	.0	.2													11	11	37	182								
24/ 23	.1	.1	.1	.1													8	8	10	133								
22/ 21	.3	.0															8	8	7	122								
20/ 19	.2																5	5	14	79								
Element (X)	Z _Y	Z _X																X̄	σ _X	No. Obs.	Mean No. of Hours with Temperature				Total			
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb																												
Wet Bulb																												
Dew Point																												

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAR
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
18/ 17	.1	.1	.1															6	6	7	84
16/ 15		.1	.0															3	3	4	72
14/ 13		.1																3	3	1	43
12/ 11		.1																2	2	5	35
10/ 9																				1	16
8/ 7																			3	3	18
6/ 5																					6
4/ 3																					10
2/ 1																					5
0/ -1																					4
-2/ -3																					2
TOTAL	2.7	12.9	11.4	12.8	13.5	13.8	11.2	9.0	6.1	3.3	1.8	.7	.3	.3	.1	.1		2665	2668		2665

Element (X)	Σ X ²	Σ X	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	8989174	143328	53.82	1.885	2663							
Dry Bulb	7738205	139629	52.31	2.709	2668		5.4	12.9	4.4	.6		93
Wet Bulb	5426750	117328	44.09	9.904	2665		12.1	.3				93
Dew Point	3487052	90354	33.91	2.611	2665	.2	44.5	.0				93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 PAGE 1 MONTH MAR HOURS (L. S. T.) 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.0	.1	.1	.0	.0	.1	.0						6	6				
74/ 73				.0	.0	.0	.1	.1	.0	.0	.1	.0						11	11				
72/ 71				.1	.0	.0	.1	.1	.0	.0	.2	.1						17	17				
70/ 69				.3	.3	.4	.1	.0	.3	.1	.0							42	42				
68/ 67	.0	.1	.1	.4	.4	.3	.4	.1	.1	.1	.0							57	57	2	1		
66/ 65		.1	.8	.5	.4	.1	.3	.4	.2	.2	.0							76	76	10	2		
64/ 63		.2	.6	.5	.3	.4	.4	.5	.2	.1	.0							88	88	25	2		
62/ 61	.0	.1	.6	.6	.5	.4	.5	.2	.3	.0	.1							91	91	49	20		
60/ 59	.1	.5	.4	.4	.7	.8	.5	.4	.3	.0								111	111	71	39		
58/ 57	.1	.3	.5	.8	.5	1.0	.7	.4	.1									118	118	60	50		
56/ 55	.1	.6	.7	.8	.8	.9	1.2	.7	.1									160	160	73	59		
54/ 53	.2	.9	.9	.8	.8	1.0	1.1	.3										166	167	104	48		
52/ 51	.3	.3	.5	.8	1.6	1.1	1.2	.2										161	161	127	69		
50/ 49	.3	.9	.7	1.2	1.4	1.2	.8	.1										176	176	145	86		
48/ 47		.7	.7	1.3	1.3	1.3	.4											153	153	140	71		
46/ 45	.1	.9	1.0	1.5	1.5	.8	.1											159	159	152	79		
44/ 43	.2	1.7	1.6	1.0	1.0	.6												166	166	228	97		
42/ 41	.1	1.3	1.4	1.1	1.3	.3	.0											153	153	244	107		
40/ 39	.3	1.2	1.1	1.5	1.2	.3												152	152	218	177		
38/ 37	.1	1.1	1.0	1.2	.8	.5												125	125	192	138		
36/ 35	.3	1.1	1.0	.8	.4	.0												102	102	165	167		
34/ 33	.4	1.6	1.3	.4	.1	.0												105	105	152	207		
32/ 31	.5	1.2	.9	.4	.0	.0												84	84	163	153		
30/ 29	.3	1.1	1.3	.3	.1													83	83	123	171		
28/ 27	.0	.3	.7	.3														37	37	71	128		
26/ 25	.1	.4	.4	.0														26	26	60	173		
24/ 23	.0	.3	.1	.0														11	11	42	151		
22/ 21		.3	.2															14	14	16	128		
20/ 19		.1	.0															4	4	12	61		
18/ 17	.0	.0	.0															3	3	12	79		
16/ 15		.2																6	6	2	59		
14/ 13	.0	.1																3	3	7	62		
12/ 11	.0	.2																6	6	3	32		
10/ 9	.1	.1																2	2	5	10		
Element (X)	Σ X ²	Σ X	X̄	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																							

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAR
 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
8/ 7	.0																1	1	2	17
6/ 5																		2		8
4/ 3																		1		9
2/ 1																				7
0/ -1																				4
-2/ -3																				2
-4/ -5																				2
TOTAL	4.0	18.1	18.7	17.2	15.6	11.9	8.0	3.6	1.9	.7	.5	.0					2675	2679		2675

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	
Rel. Hum.	11316288	165336	61.820	257	2675						2675
Dry Bulb	6411538	127246	47.511	717	2679	9.8	4.6	.6			93
Wet Bulb	4873036	110990	41.510	009	2675	18.0	.1				93
Dew Point	3445772	90098	33.712	400	2675	43.7	.0				93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 MONTH APR PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb/Dew Point		
86/ 85																		1	1		
80/ 79																		2	2		
78/ 77						.1												2	2		
76/ 75					.2	.1												7	7		
74/ 73			.2	.7	.4	.4	.2	.0										39	39		
72/ 71			.4	.5	.4	.1	.2	.0										42	42		
70/ 69		.0	1.8	1.6	.7	.8	.3	.1										141	141		
68/ 67		.2	2.1	1.0	1.3	1.0	.7	.2	.1	.0								172	172		
66/ 65		.9	1.7	1.0	1.4	.7	.5	.2	.1	.1								169	169		
64/ 63	.0	1.0	1.7	.9	.7	.9	.8	.3	.2	.0								170	170		
62/ 61		1.7	.8	.6	.7	.8	.7	.3	.1	.0								151	151		
60/ 59	.1	2.5	1.2	1.2	.9	.8	.8	.5	.1									207	207		
58/ 57	.3	1.2	1.1	1.3	1.4	.9	.9	.2	.2	.0								193	193		
56/ 55	.3	1.9	.8	.9	1.5	1.1	.5	.2										188	188		
54/ 53	.2	1.0	.9	1.3	1.0	1.2	.7	.1	.1									166	169		
52/ 51	.0	.7	1.5	1.8	1.3	1.0	.4											173	174		
50/ 49	.1	.9	1.2	1.4	1.3	1.2	.1	.0										162	162		
48/ 47	.3	1.2	1.5	1.0	1.5	.6	.1											163	163		
46/ 45	.2	.9	.8	1.7	.7	.4												121	121		
44/ 43	.1	.7	1.4	.8	.7	.2												102	102		
42/ 41	.3	.7	1.1	.5	.2	.2												80	80		
40/ 39	.0	.5	.9	.3	.3													53	53		
38/ 37	.0	.5	.5	.7	.2													48	48		
36/ 35		.1	.4	.1	.1													18	18		
34/ 33		.1	.2	.1														10	10		
32/ 31	.0	.2	.0															7	7		
30/ 29																			14	14	
28/ 27																			3	3	
26/ 25		.1																3	3		
24/ 23																			3	3	
22/ 21																				26	26
20/ 19																				20	20
18/ 17																				13	13
16/ 15																				14	14
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature											Total				
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MONTH APR

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75																		1	1		
74/ 73			.2	.3	.1						.0							15	15		
72/ 71		.0	.4	.6	.1	.1	.0	.0										32	32		
70/ 69			1.0	.6	.1	.1	.2	.2										52	52		7
68/ 67		.5	2.4	.8	.3	.2	.2	.2										114	114		28
66/ 65		1.0	1.8	1.1	.6	.5	.3	.0			.0							139	139		64
64/ 63	.0	1.7	2.0	1.7	.9	.3	.1	.2	.2	.0								188	188		37
62/ 61	.2	1.9	1.1	.8	1.1	.4	.2	.3	.1	.0								158	158		4
60/ 59	.4	3.2	1.0	.9	.9	.6	.4	.1	.0									196	196		2
58/ 57	.5	1.8	1.6	.8	1.0	.8	.4	.1	.1									183	183		4
56/ 55	.4	2.3	1.3	1.6	1.3	.7	.4	.1	.0									213	213		37
54/ 53	.3	1.4	.9	1.1	1.0	1.2	.3	.2	.1									170	172		65
52/ 51	.4	1.2	1.2	1.1	1.3	.9	.2											165	166		103
50/ 49	.2	1.1	1.7	1.5	1.2	.7	.1											168	168		133
48/ 47	.3	1.5	1.8	1.1	1.3	.4												166	166		177
46/ 45	.1	1.8	1.2	1.8	1.0	.4												166	166		128
44/ 43	.3	.7	1.7	1.3	.5	.1												117	117		115
42/ 41	.2	1.0	1.8	.7	.4	.1												109	109		99
40/ 39	.2	.5	1.4	.7	.2	.1												80	80		141
38/ 37	.1	.9	1.0	.4	.3	.1												72	72		129
36/ 35	.2	.3	.6	.5														39	39		136
34/ 33	.2	.2	.3	.2														19	19		144
32/ 31	.3	.4	.1															22	22		125
30/ 29	.0	.1																4	4		123
28/ 27		.0																1	1		143
26/ 25		.2																4	4		167
24/ 23																					120
22/ 21																					91
20/ 19																					70
18/ 17																					55
16/ 15																					50
14/ 13																					28
12/ 11																					17
																					18
																					16
																					5
																					1

Element (X)	ΣX ²					ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F										
Rel. Hum.															
Dry Bulb															
Wet Bulb															
Dew Point															

2

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS APR MONTH
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	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			
76/ 75				.0	.0	.0	.0										3	3	
74/ 73			.1	.2	.1	.2	.1										9	9	
72/ 71		.0	.3	.4	.2	.2	.1	.0									33	33	
70/ 69		.0	1.3	.9	.2	.2	.1	.2	.1								75	75	6
68/ 67		.5	1.8	.8	.2	.2	.3	.2	.2								103	103	26
66/ 65		1.3	2.6	.9	.3	.2	.1	.2	.1	.2							145	145	66
64/ 63	.0	2.1	2.0	1.3	.6	.3	.3	.2	.1	.1	.1						180	180	133
62/ 61	.3	2.1	1.6	1.2	1.1	.5	.2	.2	.2	.2	.0						192	192	145
60/ 59	.4	2.3	1.0	.9	.6	.8	.5	.1	.1	.1							175	175	167
58/ 57	.4	2.3	1.2	.9	1.1	.7	.4	.3									191	193	165
56/ 55	.4	2.2	1.4	1.0	1.4	.9	.8	.1	.0								211	212	167
54/ 53	.2	1.2	1.1	1.4	1.6	.8	.3	.2									174	174	145
52/ 51	.3	1.4	1.4	1.3	1.7	1.0	.2										187	187	146
50/ 49	.2	1.1	1.4	1.5	1.3	.6	.2										161	162	150
48/ 47	.3	1.0	1.6	1.2	1.3	.4	.1										153	153	187
46/ 45	.2	1.4	1.4	1.6	.9	.3											149	149	200
44/ 43	.1	1.3	1.7	1.2	.5	.3											128	128	200
42/ 41	.2	.9	1.1	.9	.3	.2											93	93	175
40/ 39	.1	.6	1.5	.6	.1												75	75	150
38/ 37		.7	1.0	.5	.2												65	65	122
36/ 35	.2	.4	.3	.2	.2												34	34	94
34/ 33	.2	.2	.2	.2	.0												19	19	53
32/ 31		.2	.3	.1													14	14	34
30/ 29		.2	.2														12	12	30
28/ 27	.0	.2															5	5	20
26/ 25	.0	.0															1	1	5
24/ 23																			1
22/ 21																			40
20/ 19																			23
18/ 17																			26
16/ 15																			14
14/ 13																			16
12/ 11																			1
																			2

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45,47-72 MONTH APR PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
89/ 87										.0	.1	.1	.1	.0	.0	.0		2	2		
86/ 85										.0	.1	.1	.1	.0	.0	.0		3	3		
84/ 83										.1	.0	.1	.1	.0	.0	.0		9	9		
82/ 81					.1	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0		13	13		
80/ 79			.0	.0	.0	.2	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0		38	38		
78/ 77			.1	.2	.5	.3	.3	.3	.2	.1	.2	.0	.0	.0	.0	.0		60	60		
76/ 75			.1	.2	.9	.4	.3	.4	.2	.3	.2	.0	.0	.0	.0	.0		102	102		
74/ 73			.5	1.4	1.0	.5	.5	.4	.3	.2	.2	.0	.0	.0	.0	.0		130	130	4	
72/ 71	.0	.1	1.0	1.4	1.4	.8	.7	.2	.6	.4	.1	.1	.1	.1	.1	.1		171	171	8	1
70/ 69	.1	1.0	1.1	1.0	.9	.7	.9	.5	.3	.2	.1	.1	.1	.1	.1	.1		179	179	27	7
68/ 67	.2	1.3	1.0	.5	.7	.9	.8	.7	.3	.3	.3	.3	.3	.3	.3	.3		174	174	98	6
66/ 65	.1	1.3	.8	.8	.8	.9	1.2	.8	.7	.4	.2	.2	.2	.2	.2	.2		195	195	169	49
64/ 63	.1	1.0	.7	1.2	.7	.7	1.2	.9	.5	.4	.4	.4	.4	.4	.4	.4		195	195	156	115
62/ 61	.1	1.3	1.0	.5	1.0	.8	.5	.9	.5	.1	.1	.1	.1	.1	.1	.1		174	174	162	157
60/ 59	.2	.9	.8	.9	.6	1.0	1.0	.9	.6	.1	.1	.1	.1	.1	.1	.1		181	181	171	141
58/ 57	.2	.5	.7	.8	.9	.7	1.2	1.0	.2	.1	.1	.1	.1	.1	.1	.1		161	161	187	136
56/ 55	.1	1.0	.4	.6	.6	.9	1.3	.7	.1	.1	.1	.1	.1	.1	.1	.1		147	147	172	131
54/ 53	.2	.6	.5	.5	.8	1.0	.7	.2	.1	.1	.1	.1	.1	.1	.1	.1		123	124	200	111
52/ 51	.1	.6	.4	.8	.9	1.1	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1		120	120	185	121
50/ 49	.1	.5	1.0	.7	.8	.7	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1		113	113	172	119
48/ 47	.1	.7	.6	.6	.8	.7	.2	.0	.1	.1	.1	.1	.1	.1	.1	.1		98	98	169	115
46/ 45	.2	.4	.7	.7	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		78	78	186	141
44/ 43	.1	.4	.2	.6	.2	.2	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1		45	45	156	117
42/ 41	.0	.2	.4	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		28	28	122	135
40/ 39	.0	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		28	28	95	133
38/ 37	.0	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2		12	12	80	114
36/ 35	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		6	6	27	118
34/ 33	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		2	2	25	122
32/ 31	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		2	2	15	99
30/ 29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		2	2	1	104
28/ 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1	1	3	58
26/ 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				75	75
24/ 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				57	57
22/ 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				48	48
Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature											Total				
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

PAGE 1

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

APR
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL Wet Bulb	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	D.B./W.B.	≥ 80 F		
98/ 97																.0	.0	2	2	2	
94/ 93																.0	.0	3	3	3	
92/ 91																.0	.1	7	7	7	
90/ 89																.1	.1	12	12	12	
88/ 87									.2	.2	.2	.2	.2	.2	.2	.2	.2	25	25	25	
86/ 85								.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	54	54	54	
84/ 83							.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	80	80	80	
82/ 81					.0	.2	.4	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	98	98	98	
80/ 79					.1	.6	1.2	1.1	.8	.7	.5	.5	.5	.5	.5	.5	.5	153	153	153	
78/ 77					.2	.8	1.1	.6	.8	.5	.8	.7	.5	.1	.1	.1	.1	158	158	158	
76/ 75					.2	1.0	.8	.7	.8	.7	.7	.5	.2	.1	.1	.1	.1	177	177	177	
74/ 73			.0	.1	.8	1.0	.8	.8	1.0	1.1	.7	.5	.1	.1	.1	.1	.1	182	182	182	
72/ 71			.3	.5	.7	.7	.7	.6	1.2	.7	.3	.5	.2	.2	.2	.2	.2	150	150	150	
70/ 69			.8	.4	.4	.6	1.2	.7	1.0	1.2	.5	.5	.2	.2	.2	.2	.2	178	178	178	
68/ 67		.1	.8	1.0	.4	.7	.9	.6	.8	.4	.4	.4	.0	.0	.0	.0	.0	159	159	141	
66/ 65		.5	.6	.4	.7	.5	.4	1.1	.9	.5	.2	.2	.2	.2	.2	.2	.2	153	153	198	
64/ 63		.4	.5	.3	.4	.3	.4	1.1	1.0	.6	.1	.1	.1	.1	.1	.1	.1	134	134	172	
62/ 61		.1	.5	.3	.5	.3	.5	.8	1.3	1.2	.4	.4	.4	.4	.4	.4	.4	151	151	202	
60/ 59		.0	.7	.4	.5	.5	.6	.7	1.0	.7	.2	.2	.2	.2	.2	.2	.2	138	138	188	
58/ 57		.0	.7	.4	.6	.4	.7	.9	.8	.3	.1	.1	.1	.1	.1	.1	.1	127	127	202	
56/ 55		.2	.6	.4	.5	.5	.4	.8	.8	.2	.2	.2	.2	.2	.2	.2	.2	111	111	199	
54/ 53		.3	.3	.4	.4	.4	.4	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	78	79	195	
52/ 51		.1	.5	.3	.5	.3	.5	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	81	81	172	
50/ 49		.5	.4	.1	.3	.5	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	52	52	191	
48/ 47		.6	.2	.2	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	53	53	166	
46/ 45		.1	.4	.2	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	31	31	146	
44/ 43		.1	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	16	16	104	
42/ 41		.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	91	
40/ 39		.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	54	
38/ 37		.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	6	6	31	
36/ 35		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	15	
34/ 33		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	7	
32/ 31		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	101	
30/ 29		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	96	
Element (X)	2X ²	2X	X	°x	No. Obs.	Mean No. of Hours with Temperature											≥ 93 F	Total			
Rel. Hum.																	≥ 80 F				
Dry Bulb																	≥ 73 F				
Wet Bulb																	≥ 67 F				
Dew Point																	≥ 60 F				

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
98/ 97													.0	.0	.0	.0		2	2	
94/ 93																.1		5	5	
92/ 91									.0	.0	.1	.1	.1	.1	.1	.1	.1	14	14	
90/ 89									.4	.4	.4	.4	.4	.4	.4	.4	.4	18	18	
88/ 87								.2	.5	.5	.5	.5	.5	.5	.5	.5	.5	53	53	
86/ 85								.3	.7	.7	.7	.7	.7	.7	.7	.7	.7	87	87	
84/ 83					.0	.3	.3	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	89	89	
82/ 81					.1	.5	.5	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	134	134	
80/ 79					.2	1.0	.9	.5	.9	1.0	.8	.9	.6	.2				147	147	
78/ 77					.7	1.0	1.0	.7	1.0	1.2	.7	.5	.3	.1				182	182	
76/ 75			.0	.2	.7	.5	.6	.3	1.3	.9	.5	.3	.4					190	190	8
74/ 73			.1	.5	.7	.7	.7	.7	.9	.8	.6	.8	.0					148	148	
72/ 71			.4	.5	.5	.3	.6	.5	.9	1.1	1.0	.8	.1					172	172	33
70/ 69			.3	.5	.5	.7	.2	.5	.7	.9	1.0	.7	.2					163	163	83
68/ 67	.1	.2	.7	.6	.7	.5	.4	1.0	1.5	.9	.4							158	158	16
66/ 65	.0	.1	.5	.2	.3	.6	1.0	1.4	1.1	.6	.1							179	179	56
64/ 63	.0	.5	.6	.5	.5	.4	.5	.7	1.2	.4	.0							155	155	99
62/ 61	.0	.5	.6	.5	.5	.4	.5	.7	1.2	.4	.0							140	140	120
60/ 59	.6	.2	.2	.2	.4	.7	.3	1.3	.6	.2								115	115	195
58/ 57	.3	.3	.3	.3	.7	.2	.5	.8	.3	.1								92	92	232
56/ 55	.0	.2	.4	.2	.3	.2	.9	.8	.3									90	90	210
54/ 53	.4	.4	.6	.4	.1	.4	.4	.2	.0									68	68	169
52/ 51	.1	.7	.2	.0	.2	.2	.3	.1										48	48	186
50/ 49	.1	.5	.5	.1	.3	.2	.2	.0										46	46	227
48/ 47	.1	.2	.1	.1	.3	.1	.1	.1										25	25	142
46/ 45	.1	.5	.2	.3	.1	.2												34	34	137
44/ 43	.1	.3	.1	.1	.3	.1												14	14	92
42/ 41	.1	.0	.1	.0	.1	.0												7	7	70
40/ 39	.0	.2	.0	.0														7	7	42
38/ 37	.0	.0	.1															3	3	13
36/ 35	.0	.0																1	1	14
34/ 33	.1																	2	2	4
32/ 31	.1																			1
30/ 29	.1	.0																3	3	92
Element (X)	Σ X'	Σ X	X	X	X	X	X	X	No. Obs.	Mean No. of Hours with Temperature							Σ 93 F	Total		
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH APR
 STATION NAME OKLAHOMA CITY PAGES 2 HOURS (L. S. T.) 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
28/ 27																				2	84
26/ 25																				1	69
24/ 23																					53
22/ 21																					54
20/ 19																					20
18/ 17																					22
16/ 15																					19
14/ 13																					8
12/ 11																					1
10/ 9																					2
TOTAL	.6	5.1	5.9	5.0	7.0	8.7	10.0	11.9	14.2	1.6	8.3	4.9	3.8	1.5	1.0	.5	.1	2591	91	2591	

Element (X)	Σ X ²	Σ X	X̄	S _x ²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	6420667	117161	45.220	.821	2591							
Dry Bulb	12703850	179224	69.210	.880	2591			.1	54.3	37.1	16.4	.2
Wet Bulb	8279018	144882	55.9	.8281	2591			.1	9.8	.3		
Dew Point	5526839	115031	44.412	.732	2591			19.1	.6			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS

APR MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
92/ 91												.0	.0					1	1	
90/ 89													.0					1	1	
88/ 87									.0	.2	.0	.1	.0					6	6	
86/ 85									.1	.2	.0	.1	.0	.1				15	15	
84/ 83							.1	.2	.2	.3	.2	.1	.2	.0	.1			36	36	
82/ 81						.1	.1	.3	.3	.1	.2	.2	.1	.1				36	36	
80/ 79				.0	.0	.2	.7	.3	.6	.5	.4	.2	.1	.0				83	83	
78/ 77				.1	.4	.5	.7	.5	.5	.5	.4	.1	.0					109	109	
76/ 75				.3	.8	1.3	.6	.6	.7	.5	.3	.4	.1					150	150	
74/ 73			.0	.6	1.0	1.0	.7	.7	1.0	.7	.3	.2	.2					164	164	1
72/ 71		.2	.8	.9	.9	.9	.9	.9	.8	.7	.5	.1	.0					173	173	19
70/ 69	.0	.1	.5	.9	.6	.9	.7	1.5	1.0	.6	.3	.1	.0					189	189	54
68/ 67	.1	.0	.7	.3	1.2	.5	.9	.9	.5	1.0	.5	.0						171	171	19
66/ 65		.7	.8	.7	.7	.7	1.1	1.0	.9	.8	.3							198	198	145
64/ 63		.4	.6	.6	.6	.9	1.0	1.0	.9	1.2	.5	.1						183	183	153
62/ 61		1.0	.7	.8	.5	1.2	.7	1.0	1.1	.1								132	182	148
60/ 59	.2	.9	.5	.5	.8	1.0	.9	1.2	.7	.0								174	174	222
58/ 57	.2	.5	.7	.7	.9	1.0	.9	1.0	.4									164	164	198
56/ 55		.6	.4	.4	.4	.9	.6	1.0	.3	.2								116	116	202
54/ 53	.0	.4	.5	.6	.2	.5	.9	.5										94	94	219
52/ 51	.0	.5	.5	.3	.5	1.1	.4	.3										96	96	181
50/ 49	.1	.8	.5	.4	.5	.3	.4	.1										79	79	205
48/ 47	.1	.3	.5	.2	.4	.1	.2	.0										50	50	199
46/ 45	.1	.5	.2	.5	.1	.3	.0											43	43	157
44/ 43		.4	.4	.2	.2	.0	.0											34	34	122
42/ 41		.0	.0	.2	.0	.0	.0											9	9	102
40/ 39	.1	.2	.1	.1	.1													13	13	69
38/ 37	.0	.2	.0	.0	.0													6	6	32
36/ 35		.1	.1	.1														6	6	29
34/ 33																				8
32/ 31			.0															1	1	122
30/ 29			.1															2	2	94
28/ 27			.1															2	2	67
26/ 25																		3	3	71

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	± 32 F	≥ 67 F	≥ 80 F	≥ 93 F	
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY
 STATION NAME
 YEARS 43-45, 47-72
 MONTH APR
 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
24/ 23																					45
22/ 21																					40
20/ 19																					18
18/ 17																					26
16/ 15																					13
14/ 13																					8
12/ 11																					1
10/ 9																					3
TOTAL	.9	7.6	8.2	9.2	11.6	13.3	13.0	12.6	10.5	6.5	3.7	1.8	.7	.3	.1		2584	2584	2584	2584	

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total										
Rel. Hum.	8232052	135648	52.5	20.741	2584																	
Dry Bulb	10993947	166565	64.5	9.978	2584	.1	39.5	20.9	4.6													90
Wet Bulb	7742811	139757	54.1	8.440	2584	.1	6.6	.0														90
Dew Point	555897	115611	44.7	2.510	2584	7.7	.9															90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MONTH APR

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
86/ 85								.0									1	1			
84/ 83								.1									2	2			
80/ 79						.3	.1	.0									14	14			
78/ 77					.1	.3	.0	.1	.0			.1					15	15			
76/ 75				.3	.6	.4	.3	.2	.0								52	52			
74/ 73			.0	.5	.9	.7	.4	.2	.1	.1	.0						85	85			
72/ 71	.0	.0	.4	1.2	1.1	1.1	.6	.5	.4	.0							138	138	5		
70/ 69	.0	.1	1.3	1.5	1.2	.9	1.1	.7	.3	.3	.0						193	193	26		
68/ 67	.0	.2	1.3	.9	1.0	.8	.6	.7	.5	.2							157	157	71		
66/ 65	.0	.7	1.0	1.0	.8	.8	1.0	1.1	.6	.1	.0						186	186	124		
64/ 63	.0	.7	1.2	.8	.8	.8	1.0	.7	.5	.2							168	168	132		
62/ 61	.1	.8	1.0	1.1	.7	1.2	.7	.9	.3	.0							176	176	141		
60/ 59	.3	1.9	.9	.7	1.1	1.6	.9	.7	.3								219	219	184		
58/ 57	.3	1.0	1.0	.7	1.3	1.1	.8	1.1	.1	.1							197	197	180		
56/ 55	.1	1.4	1.0	1.3	1.4	1.2	1.2	.3									207	207	176		
54/ 53	.4	1.2	1.7	1.0	1.5	.7	.2										170	170	177		
52/ 51	.0	.5	.8	.7	1.1	.7	.9										122	122	192		
50/ 49	.1	.7	.8	.6	.9	1.2	.3										118	118	221		
48/ 47	.3	.8	.7	.5	1.1	.3	.3	.0									105	105	199		
46/ 45	.8	.8	.9	1.0	.5	.3	.1										96	96	189		
44/ 43	.1	.3	.8	.6	.4	.4											66	66	164		
42/ 41	.1	.3	.6	.4	.3	.0											45	45	118		
40/ 39	.0	.3	.2	.3	.2												25	25	135		
38/ 37	.1	.2	.3	.0	.0												18	18	63		
36/ 35	.1	.1	.2		.1												8	8	48		
34/ 33	.1	.1			.1												3	3	30		
32/ 31																			8		
30/ 29																			1		
28/ 27	.0	.0															1	1	2		
26/ 25	.1	.1															2	2	1		
24/ 23																			2		
22/ 21																			2		
20/ 19																			21		
18/ 17																			10		
Element (X)	Zx'	Zx	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																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72

MAY
MONTH

PAGE 1 0009-0200
HOURS (L. S. T.)

YEARS

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 53																	.0	1	1		
80/ 79																		6	6		
78/ 77		.1	.1	.4	.6	.2	.0	.0	.0	.0								40	40		
76/ 75		.0	.4	1.1	1.1	.5	.1	.1	.0	.0								93	93	5	2
75/ 73		.1	.9	2.2	1.5	.7	.5	.1	.1	.0								169	169	6	5
72/ 71		.6	1.7	1.8	1.7	.8	.3	.1	.1	.0								191	191	36	5
70/ 69		.9	2.2	2.7	2.2	1.0	.5	.2	.1	.0								263	263	115	47
68/ 67	.1	1.7	3.2	2.3	2.0	1.1	.6	.0	.0									299	299	194	88
66/ 65	.2	1.6	3.5	2.5	1.3	.8	.5	.1										281	281	227	190
64/ 63	.0	2.6	2.7	1.7	1.1	.9	.1	.0										248	248	284	197
62/ 61	.3	2.3	1.7	2.0	1.4	.6	.1											231	231	332	241
60/ 59	.6	2.2	2.1	1.7	1.3	.3	.2											226	226	302	295
58/ 57	.3	1.6	1.3	1.3	1.0	.4	.1											161	161	248	256
56/ 55	.3	1.6	1.7	1.0	1.1	.3	.0	.0										163	163	220	249
54/ 53	.0	1.2	1.1	1.0	.5	.1	.1											107	107	188	185
52/ 51	.0	1.2	.9	.6	.2	.0												79	79	166	177
50/ 49		.5	.5	.6	.2	.0												48	48	120	157
48/ 47	.0	.3	.3	.4	.2	.1												38	38	97	146
46/ 45		.5	.2	.2														23	23	51	121
44/ 43		.3	.2	.1														16	16	51	104
42/ 41		.1	.0															3	3	28	72
40/ 39				.0														1	1	11	59
38/ 37				.0														1	1	5	30
36/ 35																				27	27
34/ 33																				2	2
32/ 31																				9	9
30/ 29																				1	1
28/ 27																				2	2
26/ 25																				6	6
24/ 23																				1	1
TOTAL		2.0	19.3	24.7	24.0	17.4	7.9	3.2	.7	.4	.0	.0						2688	2688	2688	2688

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

2

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72
 MONTH MAY
 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.	Wet Bulb
78/ 77			.1	.0	.1	.0	.0	.0	.0								6	6	
76/ 75		.0	.3	.4	.3	.0	.0	.0	.0								32	32	
74/ 73		.3	1.0	1.2	.3	.1	.0	.0									78	78	7
72/ 71		.7	1.5	1.7	.6	.3	.2										134	134	22
70/ 69	.1	1.5	3.1	3.1	1.1	.3	.1	.1	.0	.0							254	254	72
68/ 67	.0	2.0	2.9	2.1	1.1	.2	.4	.1	.0	.0							240	240	150
66/ 65	.1	2.3	3.8	3.1	.2	.6	.2										303	303	222
64/ 63	.4	3.6	3.4	2.2	1.1	.4	.3	.1									310	310	245
62/ 61	.4	3.7	2.2	1.6	.7	.5	.1	.0									248	249	332
60/ 59	.4	2.5	2.4	1.9	1.2	.3	.0										234	234	309
58/ 57	.5	2.6	1.9	1.7	1.2	.2	.1										218	218	248
56/ 55	.4	2.5	1.5	1.2	.6	.0	.1										170	170	222
54/ 53	.1	1.4	1.9	1.0	.3	.2	.0										133	133	204
52/ 51	.2	1.3	1.5	1.2	.3	.2	.1										121	121	178
50/ 49	.0	.9	1.0	.6	.2	.2	.0										71	71	151
48/ 47		.6	.7	.3	.0	.0											44	44	101
46/ 45	.1	.7	.7	.4	.0												52	52	90
44/ 43		.2	.3	.1													15	15	61
42/ 41		.2	.4	.1													17	17	33
40/ 39		.0	.1														4	4	19
38/ 37			.0														1	1	15
36/ 35			.1														3	3	4
34/ 33																			1
32/ 31																			2
30/ 29																			5
28/ 27																			6
26/ 25																			1
24/ 23																			2
22/ 21																			2
TOTAL		2.827	0.030	0.723	0.710	0.2	3.3	1.7	.4	.1	.0	.1					2689	2689	2688

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	
Rel. Hum.	17010162	211196	78.6	12.450	2688						
Dry Bulb	10362910	165782	61.7	7.297	2689					4.0	93
Wet Bulb	9046990	154732	57.6	7.218	2688			.1	8.7	.2	93
Dew Point	8207190	146772	54.6	8.476	2688			.8	4.5	.1	93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAY
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-	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.0	.1	.1			.0									1	1		
80/ 79			.0	.0	.4	.0			.0									11	11		
78/ 77			.2	.3	.7	.3			.0									27	27		
76/ 75			.1	.9	.7	.3			.0									64	64		2
74/ 73	.2	1.2	1.8	.6	.4	.3			.0									122	122		8
72/ 71	.9	2.2	2.2	1.2	.6	.4			.0									205	205		40
70/ 69	.0	1.0	3.2	2.8	1.6	.9	.3		.0									270	270		104
68/ 67		1.4	3.2	2.8	1.5	.8	.4	.1	.0									274	275		175
66/ 65	.1	2.1	3.9	2.7	.9	.7	.4	.1	.0									297	297		230
64/ 63	.3	2.7	2.8	1.7	1.1	.4	.3	.1	.1									256	256		294
62/ 61	.3	3.1	2.2	1.2	1.2	.7	.2	.1	.0									241	242		265
60/ 59	.5	2.5	1.8	1.5	1.1	.6	.1		.0									215	215		303
58/ 57	.5	2.7	1.2	1.3	1.0	.4	.1											194	194		232
56/ 55	.2	1.4	1.2	1.2	.6	.1	.0											126	126		208
54/ 53	.2	1.5	1.4	.9	.4	.0		.0										119	119		184
52/ 51	.0	.9	1.3	.8	.3													90	90		155
50/ 49	.0	.7	.9	.6	.1	.1												65	65		134
48/ 47	.0	.3	.6	.3	.0	.0												35	35		109
46/ 45	.0	.3	.6	.3	.0													32	32		66
44/ 43	.0	.3	.2	.0	.1													16	16		44
42/ 41	.2	.2	.2	.1														13	13		27
40/ 39	.1	.1	.0															3	3		80
38/ 37	.0	.0	.0															2	2		9
36/ 35	.0	.0	.0															1	1		6
34/ 33																					13
32/ 31																					1
30/ 29																					5
28/ 27																					3
26/ 25																					3
24/ 23																					2
20/ 19																					1
TOTAL	2.322	3.28	6.23	4.13	1.1	6.2	2.8	.9	.3	.0	.1							2679	2681		2679

Element (X)	Σx ²	Σx	x̄	s _x ²	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	16107067	204607	76.4	13.393	2679							
Dry Bulb	10829596	169204	63.1	7.500	2681				7.8	.1		93
Wet Bulb	9286878	156544	58.4	7.216	2679		.0	11.4	.3			93
Dew Point	8342847	147737	55.1	8.549	2679		.8	5.2	.1			93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS

PAGE 1 1200-1400
HOURS (L. S. T.) MAY MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)										TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb
98/ 97												.0	.0			.0	2	2	
96/ 95												.0	.1			.0	2	2	
94/ 93									.1	.0	.0	.0	.0		.0	10	10		
92/ 91								.3	.1	.2	.2	.1	.1		.1	28	28		
90/ 89								.7	.6	.5	.2	.1	.3		.1	72	72		
88/ 87								1.2	.6	.6	.3	.3	.0		.1	107	107		
86/ 85					.0	.1	.8	1.6	1.3	1.0	.7	.7	.0	.1		172	172		
84/ 83				.1	.3	.4	1.5	2.3	1.3	1.2	.9	.2	.2			225	225		
82/ 81				.1	.3	1.3	1.8	1.9	1.4	1.0	.7	.4	.1			240	240		
80/ 79			.0	.1	.6	1.5	1.8	1.2	1.3	1.3	.8	.3	.0			246	246	1	
78/ 77			.3	.3	1.1	1.6	1.6	1.2	1.0	1.0	.4	.3	.0			228	228	9	
76/ 75			.4	.6	1.4	1.7	1.4	.9	.9	.7	.4	.3	.0			230	230	46	
74/ 73		.1	.4	.9	1.2	1.2	.9	.6	1.0	.8	.5	.1				204	204	111	
72/ 71		.4	1.0	.9	.5	.9	.5	.9	.3	.2	.2					151	151	223	
70/ 69		.1	.8	1.2	.6	.3	.3	.8	.8	.3	.0					142	142	302	
68/ 67		.2	.8	.7	.3	.5	.2	.5	.4	.1						102	102	311	
66/ 65	.0	.7	1.2	.6	.8	.3	.8	.5	.2	.1						145	145	236	
64/ 63	.1	.6	.4	.8	.3	.3	.2	.4	.1							87	87	286	
62/ 61	.1	.6	.4	.3	.2	.3	.2	.1								65	65	222	
60/ 59	.1	.5	.2	.2	.3	.5	.4	.1	.0							67	67	190	
58/ 57	.0	.5	.3	.3	.1	.3	.3	.0								54	54	168	
56/ 55	.1	.6	.2	.1	.1	.1	.1	.0								36	36	135	
54/ 53	.1	.2	.2	.2	.1	.0	.0									17	18	130	
52/ 51	.0	.5	.0	.2	.1	.0	.0									23	23	69	
50/ 49	.3	.1	.1	.1												13	13	62	
48/ 47	.1	.1	.1													6	6	42	
46/ 45		.1	.0													5	5	25	
44/ 43																13	13	97	
42/ 41																		3	87
40/ 39																			54
38/ 37																			50
36/ 35																			51
34/ 33																			18
32/ 31																			18

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	
Rel. Hum.										
Dry Bulb										
Wet Bulb										
Dew Point										

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45,47-72 MONTH MAY
 PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																					10
28/ 27																					5
26/ 25																					1
24/ 23																					2
22/ 21																					1
TOTAL	.8	5.2	6.1	7.4	8.8	11.2	13.6	14.0	12.8	9.3	5.9	3.1	.9	.4	.4	.2	.0	2680		2679	2679

Element (X)	Σ X ²	Σ X	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum:	8704144	144926	54.1	17.936	2678							
Dry Bulb	15350973	201307	75.1	9.263	2680			75.0	61.3	34.3		93
Wet Bulb	10881843	169723	63.4	6.950	2679			34.8	5.8			93
Dew Point	8609000	149730	55.9	9.478	2679							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAY
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
98/ 97								.0				.1	.0			.1	.3	3			
96/ 95								.2	.1	.0		.0	.1	.0		.0	.0	10	10		
94/ 93								.1	.3	.5	.4	.1	.1	.0	.0	.0	.0	18	18		
92/ 91							.0	.0	.1	.5	.4	.1	.1	.2	.1	.1	.50	50	50		
90/ 89						.0	.0	.4	.7	.5	.5	.4	.3	.1	.1	.1	.88	88	88		
88/ 87						.1	.9	1.4	1.4	1.1	.9	.4	.4	.1	.0	.0	146	146	146		
86/ 85						.2	.7	1.9	1.9	1.8	1.2	1.0	.1	.2	.0	.0	245	245	245		
84/ 83					.1	.3	1.3	1.7	1.8	1.2	1.1	.5	.1				221	221	221		
82/ 81					.1	1.2	1.8	1.7	1.2	1.5	1.0	.6	.1	.1			250	250	250	1	
80/ 79		.0	.0		.6	1.2	2.0	2.2	1.3	1.2	1.2	.3	.0				271	271	271	9	
78/ 77		.0	.0	.2	.8	1.4	1.2	1.2	1.2	.9	.8	.1					215	215	215	9	
76/ 75	.0	.0	.2	.9	.8	.9	1.0	1.0	.9	.6	.5	.4	.0				194	194	194	48	
74/ 73	.0	.1	.1	.7	1.2	.9	.7	.8	.9	.6	.6	.1					178	178	178	105	
72/ 71	.1	.2	.6	1.3	.6	.4	.7	.3	.7	.7	.1						149	149	149	238	
70/ 69	.1	.4	.4	.8	.4	.7	.4	.6	.4	.3	.1						118	118	118	304	
68/ 67	.1	.4	.6	.5	.6	.7	.4	.8	.4	.3							131	131	131	355	
66/ 65	.1	.3	.7	.6	.1	.4	.4	.4	.3	.0							86	86	86	318	
64/ 63	.1	.6	.7	.6	.2	.4	.4	.4	.0	.1							94	94	94	286	
62/ 61	.0	.6	.4	.1	.2	.1	.2	.2	.1								50	50	50	221	
60/ 59	.0	.5	.2	.2	.2	.2	.1	.3	.1								51	51	51	235	
58/ 57	.0	.3	.3	.0	.1	.0	.2										27	27	27	147	
56/ 55	.1	.5	.3	.0	.3	.0	.1										38	38	38	187	
54/ 53	.1	.3	.1	.1	.1	.0											23	23	23	119	
52/ 51	.1	.3	.1	.1	.0												17	17	17	76	
50/ 49	.1	.1	.1	.1													6	6	6	45	
48/ 47	.1	.1	.1														6	6	6	27	
46/ 45	.1	.1															3	3	3	30	
44/ 43																				6	
42/ 41																				99	
40/ 39																				57	
38/ 37																				45	
36/ 35																				32	
34/ 33																				27	
32/ 31																				26	
Element (X)	Z X ²	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature												Total			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS
 MONTH MAY
 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
30/ 29																					14
28/ 27																					6
26/ 25																					1
24/ 23																					1
22/ 21																					1
TOTAL	.6	4.8	5.1	6.1	6.5	9.2	11.8	15.0	13.8	11.4	8.3	4.3	1.5	.9	.3	.3	.1	2688	2688	2688	2688

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total											
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Rel. Hum.	8018633	138497	51.5	18.101	2687																		
Dry Bulb	15980871	205773	74.5	9.221	2688																		
Wet Bulb	11048435	171367	63.8	6.775	2688																		
Dew Point	8583857	149727	55.7	9.525	2688																		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
94/ 93																		1	1									
92/ 91							.0	.1										6	6									
90/ 89							.0	.1	.2	.1	.1	.0	.0	.0				19	19									
88/ 87							.0	.2	.3	.3	.1	.0	.1	.0				29	29									
86/ 85							.1	.4	.6	.4	.3	.3	.1	.0				74	74									
84/ 83			.0				.1	.4	.7	.5	.3	.1	.1	.0				125	125									
82/ 81							.1	.7	.7	.8	.4	.2						174	174									
80/ 79							.3	.9	1.0	.6	.5	.1	.1					233	233									
78/ 77							.1	2.0	1.6	1.3	.7	.1	.1					277	277	10	2							
76/ 75		.0	.2	1.0	1.9	2.2	1.6	1.3	.7	.5	.2	.1						262	262	23	3							
74/ 73		.1	.4	1.1	2.1	1.6	1.4	1.5	.7	.4	.1							259	259	69	14							
72/ 71		.1	1.0	1.6	1.9	1.2	.6	1.0	.7	.3	.3	.0						231	231	163	27							
70/ 69	.0	.3	1.0	1.5	.9	1.2	1.0	.9	.4	.2								202	202	278	70							
68/ 67		.5	1.2	1.0	.6	1.1	.7	.9	.3	.3								176	176	288	141							
66/ 65		.0	1.1	.9	.7	.6	.7	.8	.2									141	141	335	218							
64/ 63		.0	.9	.7	.6	.4	.6	.4	.3	.0								119	119	322	290							
62/ 61		.1	.9	.5	.7	.3	.5	.3	.0									99	99	274	275							
60/ 59	.3	.7	.5	.6	.4	.3	.3	.2	.1									90	90	214	236							
58/ 57	.1	.4	.4	.3	.1	.4	.1	.1										52	52	176	203							
56/ 55	.1	.6	.2	.2	.2	.1	.2											46	46	170	197							
54/ 53		.7	.2	.3	.1	.1												37	37	122	166							
52/ 51		.2	.1	.1	.0													12	12	95	174							
50/ 49		.2	.1	.1	.0													12	12	56	134							
48/ 47		.1	.1	.0														9	9	42	100							
46/ 45	.0	.1	.0															6	6	33	104							
44/ 43																				14	92							
42/ 41																				3	67							
40/ 39																				1	56							
38/ 37																					35							
36/ 35																					26							
34/ 33																					17							
32/ 31																					22							
30/ 29																					16							
28/ 27																					3							
Element (X)	ΣX ²	ΣX	\bar{X}	σ _x	No. Obs.	Mean No. of Hours with Temperature											Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 37 F	≥ 40 F	≥ 43 F	≥ 46 F	≥ 49 F	≥ 52 F	≥ 55 F	≥ 58 F	≥ 61 F	≥ 64 F	≥ 67 F	≥ 70 F	≥ 73 F	≥ 76 F	≥ 79 F	≥ 82 F	≥ 85 F	≥ 88 F	≥ 91 F	≥ 93 F	Total
Dry Bulb																												
Wet Bulb																												
Dew Point																												

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAY
 PAGE 1 2100-2300
 HOURS (L. S., T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.0	.0	.1	.0	.0										5	5		
82/ 81			.1	.0	.3	.3	.3	.1										31	31		
80/ 79			.1	.4	.6	1.0	.6	.1	.1	.2	.0							88	88		
78/ 77			.1	.6	1.2	1.0	.7	.4	.2	.1								117	117	3	1
76/ 75	.1	.1	.6	1.8	2.2	1.7	1.0	.5	.2									220	220	12	4
74/ 73	.1	.2	.7	2.7	1.8	2.2	1.1	.6	.2	.0								257	257	29	10
72/ 71		.2	1.4	2.2	2.1	1.5	1.2	.5	.1	.0								245	245	80	27
70/ 69	.1	.7	1.9	2.8	1.7	1.9	.8	.4	.1									277	277	176	54
68/ 67		.9	2.5	2.6	1.3	1.6	1.0	.4	.2									280	280	230	125
66/ 65	.1	1.7	2.2	2.1	1.6	1.0	1.1	.3										268	268	293	192
64/ 63	.0	1.9	1.2	1.3	1.0	1.2	.4	.2	.1									196	196	351	255
62/ 61	.2	1.8	1.3	1.1	1.0	.8	.4	.1	.0									185	185	305	269
60/ 59	.4	1.2	1.1	.8	1.0	.9	.2	.1										151	151	271	292
58/ 57	.1	.8	1.2	.7	1.0	.5	.0		.0									116	116	211	249
56/ 55	.3	.7	.9	.7	.6	.3	.1	.0										95	95	182	194
54/ 53	.1	.6	.3	.5	.4	.2	.0	.0										59	59	176	188
52/ 51		.6	.3	.3	.3	.1												42	42	125	166
50/ 49	.0	.2	.2	.2	.2													16	16	91	146
48/ 47		.3	.2	.1	.0													16	16	65	106
46/ 45		.2	.1	.0	.0													12	12	36	114
44/ 43		.1	.0	.1														5	5	30	84
42/ 41			.0															1	1	9	78
40/ 39																				5	40
38/ 37																				2	34
36/ 35																					22
34/ 33																					10
32/ 31																					9
30/ 29																					8
28/ 27																					2
24/ 23																					2
22/ 21																					1
TOTAL	1.5	12.2	16.5	21.0	18.0	16.3	9.0	3.8	1.3	.4	.1							2682	2682	2682	2682

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	
Rel. Hum.	13466601	185763	69.3	14.961	2682						
Dry Bulb	12245495	180123	67.2	7.441	2682	52.7	24.9	2.7			93
Wet Bulb	9959167	162411	60.6	6.807	2682	18.4	1.5				93
Dew Point	8646015	150553	56.1	8.524	2682	7.7	.5	.8			93

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS
 MONTH JUN PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point
86/ 85						.0	.1	.2	.0	.2	.0	.0						12	12
84/ 83				.0	.0	.5	.2	.2	.0	.2	.0							31	31
82/ 81			.0	.0	1.3	1.1	.3	.0										96	96
80/ 79		.2	1.3	2.5	2.5	1.1	.3	.0										204	204
78/ 77	.1	1.3	3.6	3.8	2.6	.7	.4	.0										317	317
76/ 75	.5	2.7	4.9	3.6	1.4	.6	.2											354	354
74/ 73	.0	.8	4.1	5.2	1.9	.9	.2	.2										345	345
72/ 71	1.7	4.0	4.0	1.5	.7	.1	.1											311	311
70/ 69	.2	2.5	4.2	2.6	1.4	.7	.1	.0										300	301
68/ 67	.2	1.9	2.7	1.5	1.2	.5	.2											209	209
66/ 65	.1	1.4	2.2	.9	.7	.2	.0											142	142
64/ 63	.2	.9	.9	.5	.5	.1												80	80
62/ 61	.0	.9	.4	.6	.2	.0												57	57
60/ 59	.2	.3	.6	.5	.2													44	44
58/ 57		.3	.5	.5	.0													33	33
56/ 55		.1	.2	.2														13	13
54/ 53		.2	.1	.0														7	7
52/ 51		.0																1	1
50/ 49																			
48/ 47																			
46/ 45																			
44/ 43																			
TOTAL	1.0	1.5	24.1	26.6	18.1	10.9	5.3	1.9	.5	.1	.0						2556	2557	2555

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	14574681	190775	74.6	1.461	2556							
Dry Bulb	13487883	185129	72.4	5.746	2557			76.7	47.8	8.0		90
Wet Bulb	11393191	170211	66.6	4.780	2556			53.9	5.3			90
Dew Point	10394092	162368	63.5	5.446	2555			28.8	1.1			90

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS JUN MONTH
 PAGE 1 0300-0500 HOURS (L. S., T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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										4	4		
82/ 81					.1	.2	.4	.1										15	15		
80/ 79		.2	.4	.6	.6	.9	.4	.1	.1								66	66			
78/ 77	.1	.7	1.8	2.2	2.2	1.4	.4	.1									167	167			
76/ 75	.4	2.9	4.5	3.1	3.1	1.0	.2	.1									306	306	9	3	
74/ 73	1.6	6.2	4.9	2.0	2.0	.7	.5										404	404	52	13	
72/ 71	.0	2.7	5.4	4.2	1.0	.7	.2										363	363	238	87	
70/ 69	.3	3.0	5.6	3.1	1.2	.4	.0	.0									349	350	501	232	
68/ 67	.3	4.0	3.3	1.9	.8	.3	.0	.0									274	274	508	410	
66/ 65	.6	3.2	3.2	1.4	.7	.2	.0										239	239	374	471	
64/ 63	.2	1.6	2.0	.5	.3	.0											119	120	294	396	
62/ 61	.1	1.5	.8	.4	.2	.1											79	79	199	298	
60/ 59	.2	.7	.8	.7	.2	.0											70	70	146	172	
58/ 57	.0	.8	.9	.4	.0												54	54	75	161	
56/ 55		.2	.4	.2													20	20	67	90	
54/ 53		.2	.5	.2													23	23	46	80	
52/ 51		.0	.0														2	2	21	55	
50/ 49																			20	34	
48/ 47																			4	24	
46/ 45																				18	
44/ 43																				7	
42/ 41																				3	
TOTAL	1.820	0.033	0.24	4.12	3.59	2.0	.4		.1								2554	2556	2554	2554	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	
Ref. Hum.	16279907	202085	79.2	10.543	2553					
Dry Bulb	12640308	179198	70.1	5.488	2556			68.6	33.9	1.7
Wet Bulb	11041174	167464	65.6	4.875	2554			46.1	2.1	
Dew Point	10249759	161185	63.1	5.501	2554			26.3	.6	

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME
YEARS 43-45, 47-72
PAGE 1 MONTH JUN
HOURS (L. S. T.) 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	D.B./W.B.	Wet Bulb	Dew Point
90/ 89									.0								1	1				
88/ 87									.1								2	2				
86/ 85							.3		.2								14	14				
84/ 83							.6		.3								38	38				
82/ 81				.3			.8		.1								98	98				
80/ 79			.2	1.2	3.2		.5		.2								186	186				
78/ 77	.1	1.4	3.2	3.6			.4		.1								258	258				
76/ 75	.4	2.5	4.8	3.0			.5										303	303			25	
74/ 73	.0	1.1	4.1	4.7	2.4		.7	.2	.0								340	340			164	23
72/ 71	.0	1.7	4.7	3.4	1.2		.7	.1									303	304			374	123
70/ 69	.0	2.7	4.7	2.3	1.2		.3	.1	.0								291	292			475	301
68/ 67	.2	2.6	3.2	1.7	.9		.3	.1	.0								231	231			428	463
66/ 65	.5	2.8	2.1	1.1	.5		.1	.0									180	180			355	455
64/ 63	.2	2.0	1.3	.7	.2		.0										116	117			255	381
62/ 61	.0	1.3	.6	.5	.2		.1										71	71			165	241
60/ 59	.0	.8	.5	.5	.1		.1										51	51			122	177
58/ 57	.0	.4	.7	.4	.1		.0										41	41			73	136
56/ 55	.2	.2	.3	.3													20	20			43	76
54/ 53	.0	.0	.1	.2													8	8			42	62
52/ 51			.0	.1													3	3			19	39
50/ 49																					12	31
48/ 47																					3	25
46/ 45																						11
44/ 43																						6
42/ 41																						4
40/ 39																						1
TOTAL	1.1	16.0	26.5	25.5	17.7	8.3	3.7	1.0	.2	.0							2558	2558			2555	2555

Element (X)	ΣX²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	15384916	196274	76.8	10.958	2555							
Dry Bulb	13275396	183614	71.8	6.112	2558							90
Wet Bulb	11375389	170003	66.5	4.999	2555							90
Dew Point	10485017	163079	63.8	5.459	2555							90

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME: TINKER AFB OK/OKLAHOMA CITY

YEARS: 43-45, 47-72

MONTH: JUN

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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					3	3		
96/ 95												.0	.0			.0		5	5		
94/ 93									.1	.2	.5	.1	.0					22	22		
92/ 91								.2	.7	.3	.3	.2						50	50		
90/ 89						.0	.2	.7	1.8	1.0	.2	.0			.0			103	103		
88/ 87						.2	1.5	2.6	1.6	.4	.3	.1	.0					174	174		
86/ 85						.2	1.4	3.3	2.8	1.2	.7	.2						251	251		
84/ 83				.1	1.1	3.4	4.2	1.6	1.0	.2	.1	.0						298	298		
82/ 81				.9	2.5	3.6	2.3	1.3	.3	.1	.0							283	283		
80/ 79		.0	.1	1.7	3.4	3.7	1.2	.5	.5	.1	.0							291	291	2	
78/ 77		.3	1.9	3.2	1.9	.9	.5	.2	.1	.0								235	235	38	1
76/ 75		.1	.9	2.3	2.0	1.4	.6	.5	.3	.0								208	208	235	9
74/ 73		.1	1.2	2.3	1.1	.8	.4	.3	.1									158	158	471	51
72/ 71		.2	1.0	1.4	.9	.6	.4	.1	.1									121	121	483	209
70/ 69		.5	1.0	1.0	.6	.7	.1	.1	.1									103	103	431	362
68/ 67	.1	.7	1.0	.7	.4	.2	.2	.1	.0	.0								87	87	282	471
66/ 65	.1	.8	.7	.5	.2	.3	.1	.0										69	69	191	464
64/ 63	.1	.5	.3	.0	.3	.1	.0	.1										36	36	153	297
62/ 61	.1	.4	.1	.3	.3	.2												34	34	103	195
60/ 59	.0	.3	.1	.2	.1													16	16	68	141
58/ 57	.0	.2	.1	.1														13	13	37	108
56/ 55	.1																	3	3	38	73
54/ 53	.1																	2	2	21	51
52/ 51																				9	46
50/ 49																				3	27
48/ 47																				3	27
46/ 45																					15
44/ 43																					8
42/ 41																					5
40/ 39																					2
38/ 37																					1
36/ 35																					1
34/ 33																					1

Element (X)	Z _X					Mean No. of Hours with Temperature					Total	
	2X ²	X̄	σ _X	No. Obs.		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS JUN MONTH 1200-1400 HOURS (L. S. T.)
PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		2	2			
102/101																.0		4	4			
100/99																.0		13	13			
98/97																.0		30	30			
96/95																.0		78	78			
94/93																.0		127	127			
92/91																.0		236	236			
90/89																.0		296	296			
88/87																.0		282	282			
86/85																.0		300	300			
84/83																.0		253	253			
82/81																.0		232	232		2	
80/79																.0		184	184		22	
78/77																.0		138	138		1	
76/75																.0		100	100		23	
74/73																.0		79	79		83	
72/71																.0		53	53		199	
70/69																.0		43	43		366	
68/67																.0		48	48		438	
66/65																.0		14	14		380	
64/63																.0		25	25		341	
62/61																.0		10	10		219	
60/59																.0		8	8		37	
58/57																.0		2	2		100	
56/55																.0		2	2		71	
54/53																.0					62	
52/51																.0					40	
50/49																.0					50	
48/47																.0					18	
46/45																.0					10	
44/43																.0					12	
42/41																.0					6	
38/37																.0					1	
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Σ 93 F	Σ 80 F	Σ 73 F	Σ 67 F	Σ 50 F	Total					
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

JUN

STATION

STATION NAME

YEARS

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point
90/ 89									.1	.0	.0	.0						4	4
88/ 87								.2	.4	.7	.3	.1						26	26
86/ 85				.2	.0	.1	.7	.8	.7	.3	.1							77	77
84/ 83					.7	1.6	2.0	1.4	.5									161	161
82/ 81			.0	.7	1.9	3.8	2.4	1.1	.2									259	259
80/ 79			.6	1.8	5.0	4.2	1.7	.7	.2	.1								363	363
78/ 77			.6	4.3	4.5	3.0	.7	.4	.1									352	352
76/ 75		.2	2.1	4.9	4.1	2.0	1.1	.2	.1									375	375
74/ 73		.6	2.1	3.2	2.3	1.2	.5	.										263	263
72/ 71	.0	1.3	2.1	2.1	1.4	1.3	.4	.1										221	221
70/ 69	.0	.9	1.8	1.4	.9	.8	.3	.1										159	159
68/ 67	.0	.6	1.1	.7	.6	.4	.2											95	95
66/ 65		.7	.8	.4	.5	.2	.1											69	69
64/ 63		.7	.7	.4	.3	.1												59	59
62/ 61	.1	.4	.3	.4	.1	.0												33	33
60/ 59	.0	.0	.3	.3	.1	.0												21	21
58/ 57	.1	.1	.1	.3														15	15
56/ 55		.2		.0														6	6
54/ 53			.1															2	2
52/ 51																			
50/ 49																			
48/ 47																			
46/ 45																			
44/ 43																			
TOTAL	.3	5.7	12.9	21.1	22.6	18.9	10.2	5.1	2.1	.7	.4	.0	.0					2560	2560

Element (X)	Σx ²	Σx	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature						Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	12507629	176297	68.9	11.972	2560								
Dry Bulb	14750852	193730	75.7	5.936	2560								90
Wet Bulb	11924946	174322	68.1	4.618	2560								90
Dew Point	10654899	164573	64.3	5.418	2560								90

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH JUL
 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.	Wet Bulb	Dew Point
90/ 89													.0				1	1		
88/ 87												.1					7	17		
86/ 85										.0	.3	.6					44	44		
84/ 83										.5	1.2	1.7	.8				121	121		
82/ 81				.0	.6	.1	.5	.7	.3	2.9	4.0	1.5	.7	.0			297	297		
80/ 79			.6	2.4	5.6	5.4	2.6	.7	.3	5.6	2.6	.7	.3	.1			475	475		
78/ 77		.3	2.1	4.2	4.9	2.6	1.3	.2	.2	4.9	2.6	.2	.2				419	419	6	
76/ 75		.6	3.9	4.6	2.5	1.4	.5	.2	.0	2.5	1.4	.5	.2				362	362	66	
74/ 73	.0	1.9	4.3	2.6	1.4	.8	.4	.0		1.4	.8	.4	.0				302	302	264	
72/ 71	.1	3.7	3.0	1.4	.8	.6	.2			.8	.6	.2					260	260	625	
70/ 69	.6	2.2	2.2	.6	.7	.3	.1			.7	.3	.1					177	177	796	
68/ 67	.2	1.1	.8	.3	.4	.1	.2			.4	.1	.2					83	83	400	
66/ 65	.0	.6	.4	.4	.1	.1	.1			.1	.1	.1					44	44	221	
64/ 63	.1	.3	.2	.2	.0	.1	.0			.2	.0	.1					18	18	111	
62/ 61	.3	.3	.0	.1	.2					.2							14	14	73	
60/ 59	.0	.3	.1	.1						.1							12	12	48	
58/ 57		.1															2	2	19	
56/ 55																			12	54
54/ 53																			6	35
52/ 51																			1	17
50/ 49																				15
48/ 47																				10
46/ 45																				1
42/ 41																				3
TOTAL	1.1	11.1	17.6	17.5	18.2	14.7	11.0	5.0	2.6	.6	.3	.2	.0				2648	2648	2648	2648

Element (X)	Σ X ²	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	
Rel. Hum.	13906641	188363	71.2	3.781	2647						
Dry Bulb	15416666	201630	76.1	4.906	2648						
Wet Bulb	12667994	182908	69.1	3.574	2648						
Dew Point	11443448	173618	65.6	4.763	2648						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MONTH JUL
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.1	.1							15	15		
84/ 83							.2	.4	.0									18	18		
82/ 81					.2	.6	.9	.3	.2									58	58		
80/ 79			.1	.8	1.8	2.7	1.9	.6	.0									210	210		
78/ 77	.2	1.3	4.9	5.0	3.4	1.2	.4	.2	.1									441	441		4
76/ 75	.1	1.0	4.6	6.6	4.3	1.9	.5	.1	.2									506	506		16
74/ 73	.1	2.9	6.0	4.8	2.1	1.1	.3	.0	.0									459	459		38
72/ 71	.1	4.6	5.1	2.5	.6	.3	.0											347	347		488
70/ 69	1.1	4.1	2.8	1.4	.9	.3												280	280		141
68/ 67	.3	2.1	1.6	.9	.6	.1	.1											152	152		815
66/ 65	.2	.8	.8	.7	.0	.2	.1											76	76		570
64/ 63	.0	.5	.5	.3	.2													39	39		498
62/ 61		.3	.3	.1	.0	.0												21	21		345
60/ 59		.3	.0	.1		.1												12	12		214
58/ 57	.0	.2	.0	.0														8	8		94
56/ 55		.1																2	2		21
54/ 53		.1																2	2		62
52/ 51																		2	2		107
50/ 49																					28
48/ 47																					113
46/ 45																					63
42/ 41																					7
TOTAL	2.0	17.0	23.2	23.1	15.6	10.7	5.2	1.9	.8	.3	.1	.1						2646	2646		2645

Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	15800	394	201722	76.2	2646	2646						
Dry Bulb	14420	437	194979	73.7	2646	2646						
Wet Bulb	12320	336	180306	68.1	2646	2646						
Dew Point	11349	156	172838	65.3	2645	2645						

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS JUL MONTH PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
94/ 93																		1	1	
92/ 91																		3	3	
90/ 89																		5	5	
88/ 87																		21	21	
86/ 85																		66	66	
84/ 83																		135	135	
82/ 81																		208	208	
80/ 79																		287	287	
78/ 77																		378	378	6
76/ 75																		449	449	50
74/ 73																		363	363	321
72/ 71																		273	273	629
70/ 69																		217	217	732
68/ 67																		107	107	398
66/ 65																		54	54	221
64/ 63																		29	29	112
62/ 61																		26	26	78
60/ 59																		9	9	50
58/ 57																		6	6	21
56/ 55																		3	3	13
54/ 53																		1	1	7
52/ 51																				2
50/ 49																				1
48/ 47																				12
46/ 45																				2
44/ 43																				3
42/ 41																				1
TOTAL	1.9	12.5	19.8	22.0	18.0	12.6	7.0	3.7	1.6	.5	.2	.1						2641	2641	2640
Element (X)	Σ X ²	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X
Rel. Hum.	14824247	194875	73.8	12.979	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641
Dry Bulb	15089210	199132	75.4	5.316	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641
Wet Bulb	12638574	182436	69.1	3.703	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641	2641
Dew Point	11545595	174193	66.0	4.437	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F Total

88.5 67.5 20.0 .0

75.2 13.3

49.6 1.7

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME
YEARS 43-45, 47-72
MONTH JUL
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
104/103																.0	.0	1	1			
102/101																.0	.0	3	3			
100/99												.0	.0	.2	.1	.0	10	10				
98/97											.1	.4	.3	.2			24	24				
96/95											.4	.6					53	53				
94/93										.0	.2	.3					101	101				
92/91						.0	.7	1.5	2.6	1.6	.5	.0					183	183				
90/89					.0	.1	.4	2.6	3.8	2.5	.2						282	282				
88/87					.0	.5	3.0	4.4	2.6	.7	.3	.0					307	307				
86/85					.0	.5	3.0	4.4	.9	.6	.0						338	338				
84/83					.2	1.1	2.9	1.2	.4	.3	.1						263	263				
82/81					.6	2.9	1.4	.5	.3	.2							231	231			1	
80/79		.1	.9	2.3	1.7	.9	.4	.5	.1	.2	.0						210	210			9	
78/77		.3	1.7	1.8	1.0	.5	.3	.3	.0								180	180			3	
76/75	.1	.6	1.2	.6	.5	.3	.4	.1	.0								159	159			18	
74/73	.1	.9	1.2	.4	.2	.1	.2	.0	.0								96	96			105	
72/71	.2	.9	.5	.2	.2	.1	.0	.1									81	81			330	
70/69	.3	.4	.2	.2	.0	.0											56	56			616	
68/67																	29	29			507	
66/65																	9	9			390	
64/63	.0	.1	.3	.0													12	12			56	
62/61	.0	.1	.2														7	7			37	
60/59	.1	.1	.0														6	6			22	
58/57	.0																1	1			6	
56/55																					4	
54/53																					1	
52/51																					4	
50/49																					1	
48/47																					11	
46/45																					3	
44/43																					2	
42/41																					1	
TOTAL	.9	3.4	6.4	8.0	10.8	13.2	14.6	14.4	10.4	7.8	4.7	3.1	1.4	.5	.3	.1	.0	2642	2642	2642	2041	
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature											Total					
Rel. Hum.	9858649	156287	59.2	15.242	2642	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	18513621	220387	83.4	7.007	2642			91.8	85.9	67.5	6.8	93										
Wet Bulb	13687928	189930	71.9	3.593	2642			85.2	47.6	.1		93										
Dew Point	11780809	175975	66.6	4.575	2641																	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 MONTH JUL
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.0	.2	6	6		
104/103															.0	.1	.3	20	20		
102/101											.0	.0	.0	.5	.6	.3	.0	41	41		
100/99											.4	.9	1.6	.9	.2			109	109		
98/97											.5	1.1	2.2	1.6	.6			159	159		
96/95											.1	1.3	2.8	3.9	.3	.0		274	274		
94/93											.3	1.6	4.0	3.9	.2			321	321		
92/91											.1	1.0	3.4	4.5	.1			290	290		
90/89					.0	.2	.7	3.4	4.0	2.1	.7	.2	.1					303	303		
88/87					.1	.3	2.0	3.1	1.8	.3	.5	.2						221	221		
86/85				.0	.2	1.4	2.0	1.8	.9	.8	.3	.0						195	195		1
84/83					.8	2.1	1.9	.8	.5	.3	.3							176	176		4
82/81				.0	.3	1.6	1.3	.8	.5	.4	.3							138	138		37
80/79				.1	.6	1.4	.9	.3	.5	.3	.1							112	112		2
78/77				.3	1.0	1.1	.5	.4	.3	.2	.0							98	98		6
76/75				.2	1.0	.6	.2	.1	.2	.0	.0							62	62		21
74/73				.3	.5	.5	.1	.0	.2		.1							42	42		88
72/71				.1	.4	.3	.2	.2										28	28		259
70/69				.2	.2	.2	.1	.1										18	18		469
68/67				.1	.0	.1	.1	.0										10	10		525
66/65				.1	.1	.1	.1											7	7		443
64/63				.2	.2	.0	.0											5	5		228
62/61				.0	.1													3	3		222
60/59				.1														3	3		151
58/57																					5
56/55																					1
54/53																					45
52/51																					16
50/49																					6
46/45																					1
42/41																					2
TOTAL	.4	1.1	1.9	4.0	6.2	6.9	8.4	12.0	13.3	9.1	8.1	5.9	4.2	2.3	.8	.5	2641	2641		2641	2641
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature											Σ 80 F	Σ 93 F	Total		
Rel. Hum.	6969947	129903	49.2	14.827	2641	Σ 32 F	Σ 0 F	Σ 73 F	Σ 67 F	Σ 90.4	81.6	32.7	93								
Dry Bulb	20944169	234257	88.7	7.482	2641	Σ 26.6	Σ 88.2	Σ 60.6	Σ 7												
Wet Bulb	14107170	192810	73.0	3.416	2641																
Dew Point																					

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY
 STATION NAME
 YEARS 43-45, 47-72
 MONTH JUL
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL Wet Bulb 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	D.B./W.B.	
108/107																	.0	1	1
106/105																.2	.5	19	19
104/103															.2	.5	33	33	
102/101															.1	.8	65	65	
100/99															.4	.4	167	167	
98/97															.4	.0	239	239	
96/95															.2	.0	323	324	
94/93															.2	.0	304	304	
92/91															.4	.0	298	298	
90/89															.1	.0	223	223	
88/87															.0	.0	174	174	
86/85															.1	.0	191	191	
84/83															.1	.0	153	153	
82/81															.0	.0	116	116	
80/79															.0	.0	94	94	
78/77															.2	.0	84	84	
76/75															.1	.0	45	45	
74/73															.1	.0	40	40	
72/71															.1	.0	29	29	
70/69															.1	.0	28	28	
68/67															.1	.0	3	3	
66/65															.1	.0	5	5	
64/63															.1	.0	35	35	
62/61															.1	.0	5	5	
60/59															.0	.0	4	4	
58/57															.0	.0	2	2	
56/55															.0	.0	3	3	
54/53															.0	.0	82	82	
52/51															.0	.0	35	35	
50/49															.0	.0	5	5	
48/47															.0	.0	8	8	
46/45															.0	.0	3	3	
42/41															.0	.0	3	3	

Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature				Total
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.										
Dry Bulb										
Wet Bulb										
Dew Point										

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS PAGE 1 1800-2000 JUL MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	U.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
106/105															.1	.0	.1	2	2					
104/103															.1	.0	.1	5	5					
102/101											.0				.1	.2	.1	10	10					
100/99												.3	.4	.3	.2	.0	.0	32	32					
98/97							.1	.2	.1	.1	.5	.6	.8	.3	.3			63	63					
96/95							.2	.4	1.4	2.0	.9	1.5	.8	.1	.1			133	133					
94/93							.3	.4	1.7	2.4	2.4	.8	.2	.0	.0			198	198					
92/91							.7	.7	2.8	2.4	1.0	.3	.1					239	239					
90/89					.0	.3	2.6	3.6	2.4	1.3	.4	.1	.0					303	303					
88/87					.3	.7	2.3	3.0	.8	.6	.1							293	293					
86/85				.1	.3	2.1	3.7	2.9	1.1	.7	.3	.0						297	297					
84/83				.2	.7	3.1	2.4	1.1	.4	.3	.1							247	247					
82/81		.1	.0	.5	2.2	2.7	.9	.7	.5	.3	.1							205	205	4				
80/79		.1	.1	1.1	1.9	1.3	.8	.7	.6	.1								178	178	37				
78/77		.2	.7	1.6	1.3	.5	.6	.3	.1	.1								135	135	113	10			
76/75	.0	.2	.9	1.8	.4	.5	.2	.1	.0	.0								113	113	468	40			
74/73		.4	1.1	.8	.2	.3	.1											76	76	757	97			
72/71	.0	.3	.4	.5	.1	.0	.1	.1	.0									42	42	576	274			
70/69	.2	.5	.4	.3	.1	.1	.0											42	42	311	460			
68/67	.0	.2	.2	.1			.0											12	12	188	473			
66/65		.3	.1	.0	.0													11	11	90	384			
64/63																					58	278		
62/61	.0	.0																1	1	20	222			
60/59	.0	.1	.1															5	5	12	175			
58/57																				7	87			
56/55																				2	75			
54/53																					25			
52/51																					21			
50/49																					12			
48/47																					5			
46/45																					1			
44/43																					3			
42/41																					1			
Element (X)	ΣX ²	ΣX																ΣX	Mean No. of Hours with Temperature				Total	
Rel. Hum.																			≥ 80 F	≥ 73 F	≥ 67 F	≥ 93 F	Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH JUL
 PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.3	.1	.0	.0	.0	.0		4	4			
92/ 91									.1	.6	.9	.5	.2	.1				14	14			
90/ 89								.1	.6	.9	.5	.2	.1					61	61			
88/ 87					.0	.1	.3	1.2	1.9	1.4	.6	.0						146	146			
86/ 85				.1	.2	.9	2.7	3.4	1.9	.9	.2							273	273			
84/ 83				.4	1.0	3.3	5.0	3.2	1.2	.4	.0							382	382			
82/ 81			.1	1.2	3.3	4.9	2.8	1.1	.5	.1	.2							378	378			
80/ 79		.0	.5	3.1	4.5	3.4	1.2	1.0	.2	.0	.0							374	374	5		
78/ 77		.3	3.1	3.7	2.3	1.2	.9	.3	.1	.0								262	262	32	8	
76/ 75	.0	.7	3.2	2.8	.9	.8	.5	.2	.2									233	233	142	29	
74/ 73	.1	1.5	1.7	1.0	.5	.2	.2	.1										205	205	536	81	
72/ 71	.2	.9	.7	.6	.3	.2	.1	.0										140	140	751	227	
70/ 69	.2	.5	.4	.1	.2	.1	.0	.1										83	83	580	529	
68/ 67	.0	.3	.3	.1	.1	.1	.0	.0										43	43	258	536	
66/ 65	.0	.3	.3	.1	.1	.1	.0	.0										25	25	168	402	
64/ 63	.0	.1	.0	.0	.0	.0	.0	.0										8	8	76	301	
62/ 61	.0	.2	.1	.0	.0	.0	.0	.0										5	5	42	185	
60/ 59	.0	.2	.1	.0	.0	.0	.0	.0										6	6	31	143	
58/ 57																				15	89	
56/ 55																				3	53	
54/ 53																				3	17	
52/ 51																					20	
50/ 49																					11	
48/ 47																					7	
44/ 43																					2	
42/ 41	.6	4.5	1.8	1.4	1.5	1.9	1.4	0.1	1.0	6.5	4.0	1.8	.4	.1	.0			2642	2642	2642	2642	
TOTAL																						
Element (X)	Z X ²	Z X	X	X ²	No. Obs.	Mean No. of Hours with Temperature											Total					
Rel. Hum.	11690956	171602	65.0	4.367	2642	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													Total
Dry Bulb	16798115	210153	79.5	5.568	2642	91.5	82.1	52.0	.1													93
Wet Bulb	13115147	185913	70.4	3.522	2642	81.1	25.2	.1														93
Dew Point	11561249	174315	66.0	4.775	2642																	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY

MONTH AUG

YEARS

43-45, 47-72

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1	.3	.2	.0	.0	.0				1	17	17		
88/ 87								.1	.8	.5	.1						65	65			
86/ 85								.6	1.0	1.0	.2						131	131			
84/ 83								1.0	2.6	1.5	.4	.0					236	236			
82/ 81			.0	.2	1.0	3.1	3.3	2.0	1.3	.7	.1	.0					353	353			
80/ 79		.1	3.3	4.1	3.0	1.0	.7	.3	.1								377	377	4	3	
78/ 77	.0	.7	3.0	4.4	2.9	1.5	1.1	.6	.2								385	385	39	3	
76/ 75	.2	1.5	4.4	2.9	1.8	1.5	.8	.3	.0	.0							363	363	208	50	
74/ 73	.3	2.6	2.8	1.8	1.6	1.0	.7	.2	.0								299	299	516	170	
72/ 71	.3	1.8	2.5	1.6	1.2	.7	.2	.1	.1								225	225	666	378	
70/ 69	.2	1.0	1.3	.9	.6	.2	.1	.0	.0								117	117	453	429	
68/ 67	.0	.3	1.0	.4	.2	.2	.1										59	59	308	449	
66/ 65		.1	.4	.2	.2	.1											31	31	197	318	
64/ 63		.3	.2	.0	.2												18	18	147	261	
62/ 61		.3	.0														8	8	32	186	
60/ 59		.0	.0														2	2	34	166	
58/ 57		.0															1	1	24	112	
56/ 55																			10	63	47
54/ 53																				18	18
52/ 51																				22	22
50/ 49																				5	5
48/ 47																				3	3
46/ 45																				1	1
44/ 43																				1	1
42/ 41																				2	2
40/ 39																				1	1
38/ 37																					
36/ 35																					
TOTAL	1.1	8.7	17.5	17.9	17.0	14.6	9.9	7.1	3.9	1.8	.4	.0	.1				2688	2688	2688	2688	

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	13530138	186634	69.4	14.587	2688						
Dry Bulb	15376551	202833	75.5	5.142	2688				88.9	66.7	21.5
Wet Bulb	12465030	182724	68.0	4.041	2688				65.3	8.7	93
Dew Point	11123439	172269	64.1	5.559	2688				35.7	1.9	93

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL Wet Bulb 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	D.B./W.B.	
88/ 87									.0									1	1
86/ 85									.1									2	2
84/ 83								.4	.2	.0								18	18
82/ 81								.8	.2	.1								76	76
80/ 79			.0	.6	1.6	2.6	1.8	.8	.3	.2								212	212
78/ 77		.1	1.3	2.0	4.5	2.5	1.1	.5	.1									324	324
76/ 75		1.2	3.0	4.6	3.3	1.5	.9	.4	.1									406	406
74/ 73	.2	1.7	6.0	4.2	1.8	1.0	.7	.3										432	432
72/ 71	.3	3.7	4.8	2.6	1.9	.9	.2	.1										394	394
70/ 69	.6	3.9	3.3	2.4	1.5	1.0	.4	.1										353	353
68/ 67	.4	2.1	2.2	2.0	.8	.4			.0									212	212
66/ 65	.2	1.0	1.3	.8	.7	.1	.1											114	114
64/ 63	.3	.4	1.1	.4	.2	.1	.1											69	69
62/ 61		.3	.4	.2	.3													35	35
60/ 59		.6	.1	.3	.1													32	32
58/ 57		.1	.1															6	6
56/ 55		.1																3	3
54/ 53																			
52/ 51																			
50/ 49																			
48/ 47																			
46/ 45																			
42/ 41																			
40/ 39																			
TOTAL	2.0	15.4	23.6	20.3	16.8	11.1	6.0	3.5	1.0	.3								2689	2689

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	15562476	201350	74.9	13.440	2689						
Dry Bulb	14319645	195803	72.9	4.803	2689	84.0	50.9	6.7			93
Wet Bulb	12113839	180139	67.0	4.143	2689	58.6	4.4				93
Dew Point	11062992	171876	63.9	5.352	2689	34.7	1.5				93

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH AUG
 PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb
90/ 89									.0	.2	.0	.0	.0				9	9	
88/ 87							.3	.1	.1	.1	.0	.0					15	15	
86/ 85				.1	.1	.0	.4	.7	.5	.1	.1	.0					53	53	
84/ 83			.1	.1	.1	.7	1.2	.9	.5	.1	.1	.0					99	99	
82/ 81	.0	.0	.0	.1	1.0	1.6	1.7	.4	.1	.0	.1						138	138	1
80/ 79		.1	.2	1.3	2.6	2.7	1.5	.6	.1	.1							243	243	1
78/ 77		.7	.9	2.7	3.6	1.9	1.0	.4	.0								282	282	3
76/ 75		.7	3.7	4.7	3.0	1.4	.9	.1									392	392	3
74/ 73	.0	1.6	4.6	4.5	2.2	1.3	.5	.1	.0								400	400	183
72/ 71	.3	4.2	4.6	2.0	2.1	.9	.3	.0	.1								388	388	474
70/ 69	.5	2.8	2.6	2.4	1.0	.5	.1	.1									263	263	674
68/ 67	.2	2.0	2.2	1.4	.7	.3	.1	.1									185	185	454
66/ 65	.2	1.0	1.2	.7	.5	.1	.0	.0									103	103	324
64/ 63	.1	.5	.7	.3	.3	.0	.0	.0									56	56	239
62/ 61		.4	.3	.1	.1	.0	.0										20	20	140
60/ 59		.4	.2	.1	.0	.0	.0										23	23	71
58/ 57		.3	.1	.1	.1	.1											18	18	49
56/ 55		.1	.1	.1													4	4	22
54/ 53																			14
52/ 51																			9
50/ 49																			1
48/ 47																			18
46/ 45																			8
44/ 43																			6
42/ 41																			1
40/ 39																			2
TOTAL	1.3	14.0	21.6	20.5	17.2	11.5	7.6	3.7	1.5	.6	.3	.1	.0				2691	2691	2692
Element (X)	Σ X²	Σ X	X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Σ X	Σ X	Σ X	Total
Rel. Hum.	15096758	198302	73.7	13.482	2692	85.3	56.4	15.2	93										
Dry Bulb	14801362	199014	74.0	5.561	2691	63.0	7.6	93											
Wet Bulb	12384751	182209	67.7	4.193	2691	38.5	1.6	93											
Dew Point	11269861	173639	64.5	5.094	2692														

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MONTH AUG
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31						
102/101													.1	.2	.1	.0		4	4				
100/99													.6	.2	.1			15	15				
98/97												.1	.2	.3	.1			26	26				
96/95												.5	.3	.0	.0			71	71				
94/93												.4	.2	.0	.0			113	113				
92/91					.0						.3	.1	.1	.1	.0			149	149				
90/89				.1							.3	1.6	2.9	2.2	.7	.4		221	221				
88/87				.1	.3						1.5	3.2	2.0	1.0	.4	.1	.0	230	230				
86/85				.3	1.2						4.0	3.4	1.9	.7	.1	.1	.0	319	319				
84/83				.1	.9						3.2	1.7	1.1	.6	.1	.0		299	299	1			
82/81				.0	.4						3.5	2.3	1.3	.7	.1	.1	.0	287	287	2			
80/79				.3	1.3						1.7	1.4	.9	.3	.2	.0		228	228	8			
78/77	.0	.1	.5	2.2	1.8						1.5	1.0	.8	.2	.0			221	221	65			
76/75	.2	1.4	1.5	1.3	1.3						.9	.8	.4	.2	.0			183	183	301			
74/73	.0	.4	1.7	.7	.7						.7	.2	.2	.0				127	127	705			
72/71	.0	.6	1.3	.5	.6						.1	.1	.0	.0				89	89	610			
70/69	.2	.5	.3	.5	.1						.2	.2	.0	.0				49	49	414			
68/67	.1	.4	.2	.2	.0						.1	.0	.0	.0				28	28	240			
66/65	.0	.0	.1	.1	.0						.0	.0	.0	.0				9	9	164			
64/63	.0	.2	.1	.1	.1						.0	.0	.0	.0				11	11	97			
62/61	.2	.2	.1	.1	.1						.1	.1	.1	.1				9	9	35			
60/59	.1	.1	.1	.1	.1						.1	.1	.1	.1				5	5	32			
58/57					.0						.0	.0	.0	.0				1	1	7			
56/55																				7	68		
54/53																				5	36		
52/51																				1	36		
50/49																					10		
48/47																					6		
46/45																					2		
44/43																					3		
40/39																					1		
38/37																					2		
TOTAL	.4	2.6	6.3	7.6	10.4	13.5	14.9	13.8	10.5	7.9	5.1	3.5	1.8	.9	.6	.0		2694	2694	2694			

Element (X)	Z X ²	Z X	X	°K	No. Obs.	Mean No. of Hours with Temperature					Total			
						≥ 32 F	≥ 30 F	≥ 27 F	≥ 23 F	≥ 19 F				
Rel. Hum.	9547379	155125	57.6	15.112	2694									
Dry Bulb	18632793	223235	82.9	7.072	2694					91.8	86.1	64.2	7.9	93
Wet Bulb	13599767	191127	70.9	3.863	2694					81.0	37.4	.2		93
Dew Point	11555319	175907	55.3	5.074	2694					44.0	2.9	.0		93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72

AUG MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

YEARS

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	9	9				
104/103															.4	.3	27	27				
102/101												.1	.6	1.0	.7	.3	72	72				
100/99											.2	1.0	2.5	.9	.5		139	139				
98/97								.0	.1	.4	1.4	2.8	1.4	.5	.0		177	177				
96/95								.1	.6	1.8	2.7	1.4	.6				194	194				
94/93								.1	1.0	2.3	3.2	1.9	.7	.1	.0		257	257				
92/91					.0	.1	.9	2.4	3.2	2.3	1.1	.5	.1	.0			285	285				
90/89			.0	.0	.1	.3	1.6	2.0	3.1	2.5	2.0	.6	.4	.1			313	313				
88/87			.0	.0	.1	.4	1.3	1.9	2.8	1.7	.9	.7	.2	.0			279	279				
86/85			.0	.0	.1	.4	1.3	1.9	1.1	.6	.5	.1	.0	.0			231	231		1		
84/83			.0	.0	.2	1.2	1.6	.7	.4	.7	.3	.0					173	173		4		
82/81			.0	.0	.8	1.5	.6	.7	.4	.2	.1						160	160		3		
80/79			.0	.0	.9	.6	.3	.2	.2	.1	.0						123	123		2		
78/77			.0	.0	.2	.5	.3	.1	.1	.0	.1						75	75		7		
76/75			.0	.0	.1	.3	.4	.1	.0	.0	.1						59	59		502		
74/73			.0	.0	.1	.3	.3	.1	.0	.1							40	40		774		
72/71			.0	.0	.4	.1	.0	.1	.0	.1							31	31		490		
70/69		.1	.2	.1	.1	.1	.1	.1	.1	.1							19	19		330		
68/67		.0	.0	.2	.0	.1	.1	.1	.1	.1							11	11		155		
66/65		.0	.0	.0	.1	.0	.0	.0	.0	.0							6	6		119		
64/63																		67	67		376	
62/61			.0	.0	.1	.1	.1	.1	.1	.1							4	4		26		
60/59			.0	.0	.0	.0	.0	.0	.0	.0							2	2		18		
58/57																				4	129	
56/55																				6	108	
54/53																				1	74	
52/51																				43	43	
50/49																					29	
48/47																					15	
46/45																					3	
44/43																					1	
42/41																					3	
40/39																					1	

Element (X)	Σ X ²			Σ X			No. Obs.	Mean No. of Hours with Temperature				Total	
	Σ X ²	X̄	σ _x	≥ 0 F	≥ 32 F	≥ 67 F		≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.													
Dry Bulb													
Wet Bulb													

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS
 MONTH AUG 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	
108/107																	.1	3	3			
106/105																.2	.7	24	24			
104/103											.0				.4	1.0	65	65				
102/101														.1	.7	.3	110	110				
100/99									.1	.1	.3	1.5	3.0	1.5	.6		187	187				
98/97									.1	.5	1.2	2.5	1.4	.7	.1		170	170				
96/95							.1	.2	1.0	2.0	3.4	2.3	.8	.1			265	266				
94/93							.0	.8	2.0	2.5	2.5	1.0	.7	.0			260	260				
92/91							.2	2.1	2.4	2.0	1.9	1.0	.3	.0			298	298				
90/89					.0	.1	.6	1.9	3.4	1.7	1.2	.6	.2				322	322				
88/87					.0	.3	1.0	1.8	1.9	1.7	.8	.3	.1	.1			248	248				
86/85					.2	.6	1.4	1.5	1.2	1.0	.3	.1	.0				197	197				
84/83					.3	1.0	1.1	.8	.6	.7	.6	.2	.1				145	145		5		
82/81				.3	.7	1.1	.6	.5	.4	.1	.1	.0					104	104		5		
80/79				.3	.6	.5	.2	.4	.2	.2	.1						69	69		28		
78/77		.0	.1	.7	.3	.4	.3	.2	.1	.1	.0						66	66		195		
76/75		.2	.8	.4	.2	.3	.4	.1		.1	.0						66	66		445		
74/73		.0	.2	.1	.2	.2	.0										22	22		758		
72/71		.1	.4	.3	.1												24	24		485		
70/69		.3	.3	.1	.1	.0											24	25		309		
68/67			.0	.1	.1												8	8		214		
66/65			.1														3	3		126		
64/63																				62		
62/61			.0																	32		
60/59		.0	.1	.1													5	5		9		
58/57																				8		
56/55																				3		
54/53																				2		
52/51																						
50/49																						
48/47																						
46/45																						
44/43																						
42/41																						
Element (X)		ΣX ²		ΣX		X̄		°K		Nr. Obs.							Mean No. of Hours with Temperature				Total	
Rel. Hum.																	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-45, 47-72 MONTH AUG
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	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39	.8	2.0	2.3	3.0	4.6	5.8	8.4	10.9	11.9	12.0	11.7	9.6	6.9	5.4	2.5	2.2		2688	2688	2686	5
TOTAL																					
Element (X)	Σ X ²	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X
Rel. Hum.	5595142	115904	43.2	14.850	2685	2688	2686	2685	2688	2686	2685	2688	2686	2685	2688	2686	2685	2688	2686	2685	2688
Dry Bulb	22062671	193475	72.0	3.805	63.2	64.013	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
Wet Bulb	13975047	169790	63.2	64.013	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
Dew Point	10833968	169790	63.2	64.013	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
																	Mean No. of Hours with Temperature		Total		
																	≥ 80 F	≥ 80 F	≥ 93 F	≥ 93 F	
																	92.7	90.7	84.4	37.5	
																	84.6	49.7	.8	93	
																	30.4	30.4	30.4	93	

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG
 PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
38/ 37	.0	1.3	4.0	5.7	8.1	10.5	12.1	11.4	12.4	10.5	8.4	6.4	4.1	2.7	1.3	.7	.4	2692	2692	2692
TOTAL																		2692	2692	2692
Element (X)	ΣX ²	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX
Rel. Hum.	7917895	139651	51.9	15.789	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691
Dry Bulb	19607420	228944	85.0	7.126	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692
Wet Bulb	13582298	190914	70.9	3.991	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692
Dew Point	1132663	170288	70.9	3.991	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692	2692
Mean No. of Hours with Temperature																				
≥ 80 F																		73.1	13.4	93
≥ 73 F																		88.5	35.5	93
≥ 67 F																		80.3	35.5	93
≥ 60 F																		80.3	35.5	93
≥ 50 F																		80.3	35.5	93
≥ 40 F																		80.3	35.5	93
≥ 32 F																		80.3	35.5	93
≥ 30 F																		80.3	35.5	93
≥ 20 F																		80.3	35.5	93
≥ 10 F																		80.3	35.5	93
≥ 0 F																		80.3	35.5	93

2

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS 1951 MONTH AUG
 PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		1	1		
96/ 95																		1	1		
94/ 93																		5	5		
92/ 91																		19	19		
90/ 89																		64	64		
88/ 87																		135	135		
86/ 85																		214	214		
84/ 83																		287	287		
82/ 81																		359	359		
80/ 79																		357	357		
78/ 77																		339	339		
76/ 75																		308	308		
74/ 73																		238	238		
72/ 71																		162	162		
70/ 69																		101	101		
68/ 67																		57	57		
66/ 65																		27	27		
64/ 63																		10	10		
62/ 61																		3	3		
60/ 59																		1	1		
58/ 57																		6	6		
56/ 55																		13	13		
54/ 53																		3	3		
52/ 51																		2	2		
50/ 49																		1	1		
48/ 47																		6	6		
46/ 45																		13	13		
44/ 43																		3	3		
42/ 41																		2	2		
40/ 39																		1	1		
TOTAL	.4	4.4	10.2	14.0	15.1	14.2	12.7	11.8	8.8	4.5	2.4	.9	.4	.1	.0	.0	2694	2694	2694	2694	

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11281646	169410	62.9	15.276	2694						
Dry Bulb	16824709	212351	78.8	5.665	2694						
Wet Bulb	12921070	186262	69.1	3.996	2694						
Dew Point	12022608	172011	63.8	3.714	2694						
						91.4	80.3	43.9			93
						71.6	16.4				93

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME YEARS 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.	Wet Bulb
88/ 87								.0	.1									1	1	
86/ 85								.4	.3	.1								10	10	
84/ 83								.6	.4	.3								24	24	
82/ 81					.0			.6	.4	.3								49	49	
80/ 79				.4	.7			.6	.6	.3								88	88	
78/ 77			.3	1.7	1.9	1.0		.4	.4	.5	.1							173	173	
76/ 75	.1	1.3	2.9	2.0	1.3	.5	.9	.3	.2	.0								255	255	
74/ 73	.3	2.7	2.6	1.7	.9	.4	.1	.3	.2	.0								267	267	
72/ 71	1.0	2.4	1.8	1.5	1.1	.7	.3	.2	.0									45	45	2
70/ 69	.0	2.2	2.3	1.9	1.2	1.3	1.0	.7	.2	.0								246	246	166
68/ 67	.3	2.1	2.4	1.9	1.2	.8	.5	.2	.1									288	288	299
66/ 65	.1	1.6	2.0	1.7	1.4	.8	.9	.3	.1									282	282	323
64/ 63	.2	1.3	1.4	1.9	1.3	.7	.7	.2	.1									244	244	267
62/ 61	.1	1.1	1.8	2.0	.8	.7	.2											211	211	271
60/ 59	.1	.8	1.9	1.2	.5	.4	.2											181	181	254
58/ 57	.0	1.4	.9	.7	.6	.3												137	137	230
56/ 55	.1	.4	.3	.5	.1	.1												103	103	228
54/ 53	.1	.4	.2	.0	.3	.1												45	45	258
52/ 51	.0	.3	.3	.2	.1													29	29	113
50/ 49	.1	.1	.3	.1														25	25	109
48/ 47	.1	.0																18	18	61
46/ 45	.0	.2	.0															3	3	26
44/ 43	.1																	7	7	25
42/ 41	.0																	4	4	13
40/ 39																		1	1	2
38/ 37																				1
36/ 35																				34
34/ 33																				32
32/ 31																				6
28/ 27																				5
26/ 25																				3
TOTAL	1.4	13.7	20.5	21.6	15.4	10.5	7.8	5.1	2.5	1.3	.3	.0					2691	2691	2691	

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 50 F	
Rel. Hum.	14064503	189815	70.5	15.847	2691						
Dry Bulb	12772117	184383	68.5	7.175	2691	4.1	56.3	29.0			90
Wet Bulb	10465588	166888	62.0	6.558	2691		27.9	1.5			90
Dew Point	9187080	155622	57.8	8.346	2691		.2	14.3	.1		90

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH SEP
 STATION NAME 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.	Wet Bulb	Dew Point
84/ 83																		1	1	
82/ 81					.0	.3	.1	.1	.0									16	16	
80/ 79					.3	.5	.3	.1	.1									34	34	
78/ 77			.2	.7	.9	.6	.4	.2	.0									83	83	
76/ 75		.1	1.3	2.0	1.1	.6	.4	.4	.0									159	159	
74/ 73		.6	2.9	2.8	1.0	.7	.6	.4	.1	.1								245	245	17
72/ 71	.0	1.0	3.7	2.6	1.3	.6	.7	.1	.1									273	273	104
70/ 69	.1	2.4	2.7	2.0	.9	1.2	.6	.3	.1									283	283	270
68/ 67	.3	3.6	2.5	1.6	1.2	.7	.4	.4	.1									290	290	289
66/ 65	.4	2.0	2.6	2.4	.7	.6	.4	.1	.1									253	253	314
64/ 63	.4	1.9	2.7	2.0	.7	1.0	.7	.2										262	262	241
62/ 61	.1	1.3	1.8	2.0	1.2	.6	.2	.1										195	195	236
60/ 59	.1	2.1	2.0	1.1	.8	.8	.0	.1										187	187	247
58/ 57	.1	2.2	1.8	.7	.6	.3	.1	.0										154	154	242
56/ 55	.1	1.7	1.0	.8	.4	.2												113	113	226
54/ 53	.1	.7	.5	.6	.3	.1												65	65	205
52/ 51	.1	.3	.2	.3														23	23	106
50/ 49		.6	.4	.2														31	31	86
48/ 47	.0	.1	.3	.1														12	12	51
46/ 45	.1	.1	.1	.1														8	8	40
44/ 43	.0	.1																4	4	13
42/ 41	.1	.1																4	4	5
40/ 39																				3
38/ 37																				22
36/ 35																				11
34/ 33																				6
32/ 31																				2
30/ 29																				1
28/ 27																				2
TOTAL	2.220	.726	.721	.911	.4	8.8	4.9	2.6	.8	.1								2695	2695	2694

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	
Rel. Hum.	15877620	203088	75.4	14.520	2694						
Dry Bulb	11919727	178223	66.1	7.044	2695					18.0	90
Wet Bulb	10146264	164358	61.0	6.748	2695					22.7	90
Dew Point	9122915	155191	57.6	8.242	2694					13.1	90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-72 MONTH SEP
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
86/ 85						.1	.1	.1	.1	.1	.0	.0						6	6		
84/ 83					.1	.2	.2	.2	.2	.1	.0	.0						8	8		
82/ 81				.2	.6	.6	.4	.2	.1	.0	.0							25	25		
80/ 79			.2	.2	.6	.6	.4	.2	.1	.0	.0							57	57		
78/ 77	.2	1.5	1.6	1.3	1.3	.9	.3	.5	.0	.1	.0							112	112		
76/ 75	.6	2.9	1.8	.8	.8	.7	.3	.4	.2	.1	.0							174	174		
74/ 73	.0	1.8	3.8	2.2	1.2	.6	.4	.4	.1	.0	.0							217	217	33	3
72/ 71	.2	2.4	2.7	1.8	1.3	.8	.4	.1	.2	.0	.0							286	286	146	42
70/ 69	.4	2.5	2.4	1.8	1.1	.3	.2	.2	.2	.0	.0							267	267	281	144
68/ 67	.3	1.9	2.5	1.7	.9	.6	.5	.2	.1	.0	.0							268	268	274	282
66/ 65	.5	2.2	2.4	1.8	.8	1.1	.3	.1	.0	.0	.0							232	232	291	247
64/ 63	.2	1.7	2.0	1.4	1.3	.6	.4	.0	.0	.0	.0							248	248	236	215
62/ 61	.3	1.5	1.9	1.5	.7	.7	.1	.0	.0	.0	.0							208	208	268	240
60/ 59	.2	1.6	1.3	1.1	.3	.1	.1	.0	.0	.0	.0							179	179	226	217
58/ 57	.1	1.6	1.3	.7	.6	.0	.0	.0	.0	.0	.0							128	128	221	189
56/ 55	.1	1.6	1.3	.7	.6	.0	.0	.0	.0	.0	.0							117	117	215	208
54/ 53	.1	.8	.8	.4	.1	.1	.0	.0	.0	.0	.0							63	63	191	201
52/ 51	.1	.4	.5	.4	.1	.1	.0	.0	.0	.0	.0							38	38	118	175
50/ 49	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0							23	23	84	127
48/ 47	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0							24	24	49	107
46/ 45	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0							9	9	41	92
44/ 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							2	2	12	75
42/ 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							1	1	5	62
40/ 39	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							3	3	4	32
38/ 37																					23
36/ 35																					10
34/ 33																					2
32/ 31																					2
TOTAL	2.9	20.0	27.3	19.6	12.3	8.8	4.7	2.6	1.4	.3	.1							2695	2695	2695	2695

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature				Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	
Rel. Hum.	15901725	203091	75.4	14.888	2695					
Dry Bulb	12059548	179154	66.5	7.463	2695			47.4	20.0	2.2
Wet Bulb	10238892	165066	61.2	6.914	2695			26.5	1.1	
Dew Point	9213000	113000	59.3	5.914	2695					

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS SFP
MONTH 0900-1100 PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
100/ 99																		5	5	
98/ 97																		3	3	
96/ 95																		10	10	
94/ 93																		13	13	
92/ 91																		39	39	
90/ 89																		74	74	
88/ 87																		105	105	
86/ 85																		154	154	
84/ 83																		171	171	
82/ 81																		214	214	1
80/ 79																		215	215	2
78/ 77																		198	198	9
76/ 75																		220	220	57
74/ 73																		216	216	229
72/ 71																		229	229	315
70/ 69																		192	192	295
68/ 67																		154	154	282
66/ 65																		129	129	283
64/ 63																		103	103	211
62/ 61																		71	71	225
60/ 59																		65	65	225
58/ 57																		35	35	175
56/ 55																		29	29	128
54/ 53																		17	17	91
52/ 51																		10	10	36
50/ 49																		9	9	42
48/ 47																		3	3	17
46/ 45																		3	3	16
44/ 43																				1
42/ 41																				74
40/ 39																				57
38/ 37																				43
36/ 35																				17
34/ 33																				17
32/ 31																				6

Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS
 MONTH SEP PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
104/103																	.2	10	10	
102/101														.0	.1	.3	.0	14	14	
100/99											.1	.1	.1	.1	.3	.0	.1	19	19	
98/97											.0	.2	.3	.4	.1	.0	.1	34	34	
96/95											.1	.3	.7	.4	.6	.1	.1	77	77	
94/93											.3	.8	.9	.7	.3	.1	.0	111	111	
92/91					.1			.0	.9	1.6	1.5	.8	.6	.4	.0	.1	182	182		
90/89				.0	.0			.7	1.7	2.0	.8	.8	.7	.4	.1		203	203		
88/87					.1			.6	1.4	2.0	1.1	.9	.4	.4	.1		213	213		
86/85			.0		.1			1.2	2.3	1.0	1.0	.7	.3	.3			209	209		
84/83				.1	.3			1.4	1.4	.9	1.1	.6	.5	.6	.1		212	212	3	
82/81				.1	.3			1.2	.9	1.1	.7	.6	.5	.3	.1		177	177	1	
80/79			.0	.3	.7			1.3	1.3	1.4	.9	.8	.4	.1	.1		226	226	1	
78/77			.1	.4	1.1			1.3	1.2	1.0	.6	.6	.2	.0			213	213	27	
76/75		.0	.3	.6	.7			1.0	1.4	.9	.9	.4	.1				182	182	5	
74/73		.0	.4	.8	.5			.7	.9	.7	.7	.1	.0				139	139	14	
72/71		.3	.6	.6	.4			.6	.4	.6	.3	.1					126	126	47	
70/69		.3	.4	.8	.4			.5	.3	.2	.1						90	90	308	
68/67		.0	.3	.4	.4			.3	.1	.2	.2						57	57	307	
66/65		.0	.3	.6	.1			.1	.1	.1	.2	.0					48	48	253	
64/63		.0	.1	.4	.3			.1	.2	.2	.0						44	44	256	
62/61		.1	.4	.1	.2			.2	.0								34	34	230	
60/59		.1	.2	.1	.1			.1	.0								23	23	176	
58/57		.1	.1	.1	.0			.1	.0								14	14	104	
56/55		.1	.2	.1	.1			.1	.1								18	18	100	
54/53		.1	.1	.1	.0			.1	.1								6	6	38	
52/51		.1	.0	.0	.0			.0	.0								6	6	32	
50/49		.0	.0	.0	.0			.0	.0								3	3	22	
48/47		.2															6	6	15	
46/45																				87
44/43																				3
42/41																				6
40/39																				15
38/37																				3
Element (X)	Z X ²	Z X	X	No. Obs.	Mean No. of Hours with Temperature												Total			
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F											Total
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS SCP MONTH
 PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL			TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.2	6	6		
104/103																	.3	9	9		
102/101														.1	.1	.1	.0	9	9		
100/99												.0	.3	.2	.4	.4	.2	41	41		
98/97											.0	.1	.4	.3	.2	.1	.1	45	45		
96/95											.2	.7	.7	1.2	.6	.6	.1	113	113		
94/93											.7	1.1	.5	1.0	.9	.3	.0	137	137		
92/91										.0	.1	.4	1.3	.8	.4	.3	.0	179	179		
90/89										.1	.3	1.4	2.0	1.2	.6	.8	.2	207	207		
88/87										.4	1.0	1.8	1.5	1.3	.7	.4	.2	214	214		
86/85										.1	.4	1.2	2.3	1.3	.9	1.3	.6	238	238		
84/83										.2	.9	1.1	1.3	1.3	.9	1.1	.6	216	216		
82/81		.0								.3	.8	1.4	1.2	.9	1.3	.8	.6	207	207	1	
80/79										.3	.8	.9	1.4	.2	.8	.5	.1	210	210	2	
78/77										.3	.9	.6	.9	1.2	1.0	.4	.5	188	188	34	
76/75										.3	.8	.4	1.2	1.0	.8	.4	.2	154	154	96	
74/73		.1	.3							.5	.3	.9	.5	.3	.4	.3	.0	119	119	294	
72/71		.3	.4	.5						.5	.7	.3	.4	.2	.3	.2	.0	106	106	388	
70/69		.3	.3	.4	.3					.4	.1	.3	.2	.2	.3	.1	.0	68	68	338	
68/67		.2	.4	.3	.3	.3				.3	.1	.0	.2	.3	.3	.1	.0	54	54	302	
66/65		.3	.4	.3	.3	.3	.3			.3	.1	.1	.1	.1	.1	.1	.0	45	45	268	
64/63		.3	.4	.2	.2	.2	.2	.2		.2	.2	.2	.2	.2	.2	.2	.2	39	39	288	
62/61		.3	.2	.1	.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	27	27	213	
60/59		.1	.1	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	13	13	171	
58/57		.1	.3	.1	.0	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	21	21	113	
56/55		.0	.1	.1	.0	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	12	12	80	
54/53		.1	.1	.1	.0	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	2	2	37	
52/51		.1	.1	.0	.0	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	7	7	30	
50/49		.1	.0	.1	.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	5	5	23	
48/47		.1	.0	.1	.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	1	1	11	
46/45		.0	.1	.1	.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	1	1	3	
44/43		.0	.1	.1	.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	1	1	3	
42/41		.0	.1	.1	.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	1	1	3	
40/39		.0	.1	.1	.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1	1	1	3	
Element (X)																					
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Total																					
Mean No. of Hours with Temperature																					
≥ 0 F																					
≥ 32 F																					
≥ 67 F																					
≥ 73 F																					
≥ 80 F																					
≥ 93 F																					
Total																					

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Total							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS

SEP MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL																													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																												
102/101																.0	.0	2	2																														
100/99																.0	.0	4	4																														
98/97											.1	.1	.1	.1	.1	.1	.0	10	10																														
96/95											.1	.1	.1	.1	.1	.1	.0	12	12																														
94/93									.1	.1	.1	.1	.1	.1	.1	.1	.0	30	30																														
92/91									.1	.1	.1	.1	.1	.1	.1	.1	.0	57	57																														
90/89							.0	.1	.4	.7	.6	.4	.0	.1	.1	.1	.0	89	89																														
88/87							.1	.6	1.0	.9	.6	.5	.2	.0	.0	.0	.0	111	111																														
86/85							.7	1.6	1.4	.7	.6	.6	.3	.1	.0	.0	.0	171	171																														
84/83						.2	.9	1.9	1.0	.6	.9	.4	.1	.1	.0	.0	.0	205	205																														
82/81					.1	.6	1.5	2.0	1.0	.7	.4	.3	.2	.1	.0	.0	.0	203	203																														
80/79				.0	.5	1.6	1.9	1.7	1.0	1.2	.5	.2	.0	.0	.0	.0	.0	249	249																														
78/77			.1	1.1	1.2	1.1	1.3	1.0	1.1	.7	.4	.4	.0	.0	.0	.0	.0	233	233	3																													
76/75		.5	1.3	1.4	1.2	1.2	1.3	.7	.6	.4	.4	.1	.0	.0	.0	.0	.0	236	236	40	1																												
74/73	.2	.6	1.3	1.0	.9	1.2	1.3	.8	.5	.3	.1	.0	.0	.0	.0	.0	.0	216	216	159	10																												
72/71	.6	.7	.9	.9	.9	1.2	1.3	.8	.5	.3	.1	.0	.0	.0	.0	.0	.0	196	196	337	39																												
70/69	.6	1.3	.7	.9	1.5	.7	.6	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	191	191	349	130																												
68/67	.3	.6	.5	.6	1.0	.7	.3	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	124	124	327	254																												
66/65	.1	.8	.5	.7	.6	.5	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	109	110	257	267																												
64/63	.3	.8	.4	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	75	75	265	261																												
62/61	.1	.4	.4	.3	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57	57	249	209																												
60/59	.1	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	24	249	186																												
58/57	.1	.6	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	37	32	161	202																												
56/55	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	118	236																												
54/53	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	9	62	198																												
52/51	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	51	141																												
50/49	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	31	128																												
48/47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	16	88																												
46/45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	9	9	82																												
44/43																		2	2	1	68																												
42/41																					58																												
40/39																					53																												
38/37																					39																												
36/35																					18																												
Element (X)	2x																X			e _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																																																	

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME: 43-72 YEARS: _____ MONTH: SEP
PAGE 1 2100-2300 HOURS (L. S. T.): _____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	Wet Bulb	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
94/ 93													.0				1	1	
92/ 91													.0				2	2	
90/ 89												.1	.1				7	7	
88/ 87											.1	.4	.2	.1	.0		17	17	
86/ 85							.1	.1	.1	.1	.1	.1	.1	.1	.1		44	44	
84/ 83					.0	.3	.4	.6	.6	.3	.1	.0	.0	.0	.0		85	85	
82/ 81				.0	.5	.9	.8	.6	.3	.6	.3	.0	.1	.1	.1		113	113	
80/ 79				.6	2.0	1.9	1.1	.6	.6	.6	.3	.1	.1	.1	.1		211	211	
78/ 77			.3	1.7	2.3	2.2	1.0	.4	.4	.5	.2	.0	.0	.0	.0		244	244	
76/ 75		.1	.8	2.2	1.7	1.3	1.1	.7	.3	.4	.1	.1	.1	.1	.1		237	237	6
74/ 73		.3	2.7	1.8	1.3	1.3	1.1	.7	.3	.3	.2	.2	.2	.2	.2		256	256	82
72/ 71		.9	1.5	1.6	2.0	1.1	1.1	.7	.6	.2	.2	.2	.2	.2	.2		265	265	219
70/ 69		.0	1.4	1.6	1.3	1.5	1.6	.8	.7	.5	.3	.3	.3	.3	.3		264	264	342
68/ 67		.2	1.5	1.4	1.1	1.9	1.0	.6	.3	.3	.3	.3	.3	.3	.3		244	244	293
66/ 65		.1	1.2	1.3	1.6	1.4	1.0	.7	.1	.1	.1	.1	.1	.1	.1		209	209	274
64/ 63		.2	.4	.9	1.3	1.2	.5	.3	.4	.0	.0	.0	.0	.0	.0		143	143	284
62/ 61		.1	1.1	1.3	1.0	.6	.2	.3	.1	.1	.1	.1	.1	.1	.1		131	131	230
60/ 59		.7	.7	.7	.4	.6	.4	.1	.1	.1	.1	.1	.1	.1	.1		79	79	287
58/ 57		.7	.3	.2	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1		50	50	227
56/ 55		.2	.4	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1		33	33	172
54/ 53		.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0		25	25	98
52/ 51		.0	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		17	17	70
50/ 49		.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		8	8	52
48/ 47		.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		3	3	38
46/ 45		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		8	8	16
44/ 43																			6
42/ 41																			6
40/ 39																			59
38/ 37																			46
26/ 35																			31
34/ 33																			24
32/ 31																			4
28/ 27																			1
																			3

Element (X)	Σ X ²	Σ X	X̄	S ²	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																			

DATA PROCESSING BRANCH
USAF ETAC
AFC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TIKER AFB OK/OKLAHOMA CITY 43-70,72 YEARS MONTH OCT
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77						.1												3	3		
76/ 75			.2	.3	.2	.1												26	26		
74/ 73	.0	.2	.3	.3	.4	.3	.1	.2	.0	.1	.0						54	54	3	2	
72/ 71	.1	.2	.8	.5	.7	.3	.4	.0	.3	.1							89	89	11	5	
70/ 69		1.0	1.6	1.3	1.3	.7	.5	.4	.2		.0						189	189	36	9	
68/ 67	.3	.7	1.3	.9	1.2	.7	.3	.3	.1								155	155	77	65	
66/ 65	.1	1.3	1.4	1.5	1.1	.8	.6	.5	.2								204	204	102	58	
64/ 63	.2	1.1	1.0	1.3	1.2	1.3	.8	.1	.1								196	196	140	101	
62/ 61	.3	1.7	1.4	1.9	1.6	.7	.4	.1	.1								222	222	157	108	
60/ 59	.7	2.0	1.1	.8	1.5	1.0	.4	.3	.1	.0							212	212	212	119	
58/ 57	.2	1.7	1.2	1.7	1.2	.6	.8	.2									211	211	197	159	
56/ 55	.3	1.4	1.7	1.7	1.5	.5	.6	.1									212	212	223	179	
54/ 53	.3	.9	1.7	2.4	1.4	.7	.3	.1									212	212	207	169	
52/ 51	.1	1.5	1.6	1.2	.9	.6	.2										166	166	218	138	
50/ 49	.1	1.3	1.7	1.3	1.0	.5	.2										162	162	228	162	
48/ 47	.1	.8	.6	1.4	.6	.4	.2										109	109	203	182	
46/ 45	.1	.7	.9	.9	.4	.1	.0										85	85	186	203	
44/ 43	.0	.3	.8	.9	.5	.1	.0										76	76	128	186	
42/ 41	.1	.3	1.1	.2	.2	.1											52	52	119	136	
40/ 39	.1	.3	.6	.1	.1												30	31	98	139	
38/ 37	.0	.1	.4		.0												17	17	73	104	
36/ 35		.1															3	3	46	101	
34/ 33		.0															1	1	16	97	
32/ 31		.1	.0														3	3	7	97	
30/ 29		.1	.0														4	4	2	66	
28/ 27		.0															1	1	6	29	
26/ 25																				20	
24/ 23																				19	
22/ 21																				13	
20/ 19																				9	
18/ 17																				8	
16/ 15																				4	
14/ 13																				5	
12/ 11																				1	
Element (X)	ΣX ²	ΣX	X̄	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																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13719 TINKER AFB OK/OKLAHOMA CITY 43-70,72

PAGE 1 0300-0500

MONTH OCT
HOURS (L. S. T.)

YEARS

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	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
75/ 75		.1	.3	.3	.0	.0	.2										3	3	3	2
74/ 73		.3	.3	.3	.1	.1	.1										36	36	3	4
72/ 71		.3	.4	.5	.2	.2	.1	.1	.1	.1							45	45	10	16
70/ 69	.1	1.6	1.4	.7	.3	.3	.1										120	120	27	16
68/ 67	.2	.9	1.2	1.2	.5	.2	.2	.1	.1	.1							121	121	72	53
66/ 65		1.4	2.2	1.5	.6	.5	.3	.4	.1								189	189	100	60
64/ 63	.2	1.9	1.1	1.3	1.3	1.3	.5	.1									187	187	97	89
62/ 61	.4	1.6	1.3	1.7	1.0	.9	.3	.1									197	197	171	116
60/ 59	.6	2.1	1.3	1.6	1.3	.7	.1	.1									207	207	148	127
58/ 57	.6	2.9	1.0	1.7	1.3	.4	.3	.1									221	221	189	146
56/ 55	.4	1.9	1.5	1.3	1.0	.6	.5										197	197	213	142
54/ 53	.4	1.7	2.4	1.4	1.0	.6	.2										209	209	195	159
52/ 51	.3	2.5	2.0	1.7	1.1	.6	.2										229	229	225	178
50/ 49	.2	1.5	2.2	1.8	1.0	.4	.2										194	194	225	153
48/ 47	.2	1.8	1.6	1.2	.8	.2	.2										163	163	192	195
46/ 45		1.1	.9	.9	.4	.3	.1										101	101	216	167
44/ 43	.1	.7	1.0	.8	.3	.0	.0										79	79	173	191
42/ 41	.2	.6	1.4	.4	.4	.1											86	86	117	153
40/ 39	.1	.7	.8	.2	.1	.0											53	53	105	139
38/ 37		.4	.6	.1	.1												32	32	99	116
36/ 35		.2	.2	.1													13	13	56	112
34/ 33		.2															5	5	36	104
32/ 31		.1															3	3	16	78
30/ 29		.1															2	2	5	74
28/ 27		.1															4	4	2	43
26/ 25																			4	11
24/ 23																				21
22/ 21																				18
20/ 19																				7
18/ 17																				7
16/ 15																				2
14/ 13																				7
12/ 11																				3
5/ 7																				1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-70,72

MONTH OCT

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		
78/ 77				.0														2	2		
75/ 75		.1	.1	.2	.0	.1	.0	.0										13	13		
74/ 73		.2	.4	.2	.1	.1	.1	.1	.0	.1								32	32		4
72/ 71		.4	.7	.3	.2	.1	.1	.0	.1	.0								50	50		10
70/ 69		1.2	.9	.9	.3	.3	.0	.0	.0	.0								98	98		21
68/ 67	.2	1.0	1.4	.9	.6	.3	.2	.1	.0	.0								127	127		74
66/ 65	.1	1.1	2.3	1.2	.6	.5	.2	.1	.0	.0								167	167		66
64/ 63	.2	2.0	1.4	1.4	1.2	.6	.3	.1	.1	.0								200	200		104
62/ 61	.2	1.9	1.3	.9	.9	.7	.4	.1	.0	.0								170	170		163
60/ 59	.4	2.1	1.7	1.6	1.3	.7	.2	.1	.0	.0								221	221		154
58/ 57	.4	2.4	1.5	1.3	1.0	.7	.4	.1	.0	.0								209	209		188
56/ 55	.6	2.4	1.5	1.6	.9	.7	.5	.1	.0	.0								220	220		198
54/ 53	.8	1.9	2.0	1.4	.6	.7	.3	.0	.0	.0								209	209		222
52/ 51	.3	1.9	1.8	1.6	.8	.6	.0	.0	.0	.0								191	191		204
50/ 49	.3	1.9	1.8	1.8	1.0	.2	.1	.0	.0	.0								188	188		221
48/ 47	.1	1.6	2.3	1.7	.8	.2	.1	.0	.0	.0								182	182		158
46/ 45	.1	1.1	1.3	1.4	.4	.1	.1	.0	.0	.0								124	124		204
44/ 43	.2	.6	.7	.6	.4	.1	.0	.0	.0	.0								71	71		179
42/ 41	.2	.7	1.4	.4	.3	.1	.0	.0	.0	.0								81	81		135
40/ 39	.2	.7	1.2	.3	.1	.0	.0	.0	.0	.0								68	68		102
38/ 37	.0	.4	.2	.3	.2	.0	.0	.0	.0	.0								30	30		95
36/ 35	.0	.3	.5	.0	.0	.0	.0	.0	.0	.0								22	22		63
34/ 33		.1	.1	.1														5	5		25
32/ 31		.1	.1	.1														4	4		29
30/ 29		.1	.1	.1														2	2		9
28/ 27		.1	.1	.1														2	2		2
26/ 25		.1	.1	.1														2	2		4
24/ 23																					15
22/ 21																					14
20/ 19																					10
18/ 17																					3
16/ 15																					5
14/ 13																					8
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature											Σ 80 F	Σ 93 F	Total		
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION L3919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-70,72 MONTH JCT
 PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
12/11	4.5	2.6	2.2	6.5	2.0	6.7	2.9	1.2	.3	.1								2691	2691	2691	
TOTAL																					
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	15535777	199603	74.2	16.359	2689	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	8590753	150153	55.8	8.888	2691		.3	11.2	1.7			93									
Wet Bulb	7307687	138135	51.3	8.980	2691		1.5	4.3	.1			93									
Dew Point	6311637	126785	47.1	11.213	2691																

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-70,72 YEARS MONTH OCT
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.
92/ 91																		1	1		
90/ 89																		4	4		
88/ 87																		8	8		
86/ 85																		11	11		
84/ 83				.0														28	28		
82/ 81				.1	.1	.2	.3	.2	.3	.1	.2	.1	.0				38	38			
80/ 79				.1	.4	.4	.6	.4	.4	.5	.1	.1	.0				84	84			
78/ 77				.0	.4	.5	.8	.7	.4	.5	.4	.1	.0				121	121		1	
76/ 75				.0	.1	.4	.5	.5	.3	.6	.2	.0					127	127		1	
74/ 73				.1	.4	.8	.9	1.0	.4	.5	.4	.1					159	159		16	
72/ 71				.0	.1	.6	.7	1.0	.9	.7	.2	.0					185	185		51	
70/ 69				.2	.7	1.4	1.1	1.0	1.2	.9	.2	.0					203	203		76	
68/ 67				.0	.6	.7	1.0	.9	1.1	1.0	.2	.1					187	187		110	
66/ 65				.1	.8	1.2	.7	.8	1.4	1.2	1.1	.7	.0				223	223		176	
64/ 63				.1	.9	1.0	.7	.6	1.0	.8	.6	.4	.0				171	171		214	
62/ 61				.1	.9	.4	.9	1.2	1.1	.6	.9	.4	.1				176	176		206	
60/ 59				.2	1.0	.8	1.2	1.2	1.4	1.0	.8	.2					207	207		207	
58/ 57				.2	.6	.8	.8	1.0	.9	1.0	.4	.1	.1				160	160		198	
56/ 55				.4	1.1	.6	.7	1.2	1.0	.6	.4	.1					160	160		244	
54/ 53				.1	.8	.7	.4	1.0	.7	.4	.1						113	113		227	
52/ 51				.3	.3	.6	.5	.9	.6	.4	.1						98	98		196	
50/ 49				.1	.3	.6	.7	.5	.3	.2	.0						74	74		159	
48/ 47				.1	.3	.3	.5	.4	.2	.1							57	57		155	
46/ 45				.1	.3	.3	.3	.2	.0								32	32		149	
44/ 43				.1	.2	.3	.3	.1	.1								29	29		108	
42/ 41				.0	.2	.1	.1	.0									13	13		81	
40/ 39				.1	.0	.1	.3										16	16		49	
38/ 37				.0	.0	.1	.0										3	3		30	
36/ 35				.1	.0	.0											4	4		12	
34/ 33																				10	
32/ 31				.0	.0												2	2		3	
30/ 29																				2	
28/ 27																				2	
26/ 25																				2	
25																				25	

Element (X)	ΣX ²	ΣX	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-70,72 YEARS PAGE 1 1200-1400 MONTH OCT HOURS (L. S. T.)

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
98/ 97															.1	.0	2	2		
96/ 95															.0	.0	2	2		
94/ 93													.0	.0	.0	.1	6	6		
92/ 91								.0	.1	.1	.1	.2	.2	.1			19	19		
90/ 89							.0	.1	.4	.3	.2	.3	.3	.1			35	35		
88/ 87							.0	.5	.6	.6	.6	.4	.2				58	58		
86/ 85					.0	.1	.2	.7	.7	.7	.7	.7	.2				100	100		
84/ 83				.0	.2	.5	.6	.7	.7	.7	.7	.7	.2				135	135		
82/ 81				.0	.4	.6	.8	.9	.8	.9	.9	.4	.0				149	149		
80/ 79				.0	.4	.6	1.0	1.3	.8	.9	.4	.2	.1				197	197		
78/ 77			.0	.0	.2	.5	1.5	1.9	1.0	.8	.9	.6	.3	.1			185	185		
76/ 75			.2	.4	.8	1.2	.9	1.3	.9	.9	.4	.0	.0				196	196	6	
74/ 73		.2	.3	.4	.8	.7	.6	1.3	1.2	.4	.4						188	188	36	
72/ 71		.2	.3	.5	.8	.8	.5	1.3	1.0	.8	.5	.2					182	182	79	
70/ 69		.1	.2	.6	.7	.7	.8	1.4	1.1	.8	.6						190	190	101	
68/ 67		.1	.0	.6	.5	.2	.7	.9	.9	.8	.2	.0					151	151	165	
66/ 65		.3	.6	.2	.4	.6	.9	1.0	.7	1.4	.5	.1	.0				181	181	279	
64/ 63		.3	.4	.3	.7	.9	.7	1.0	.3	.1							145	145	238	
62/ 61		.0	.4	.3	.5	.4	.9	.7	.7	.9	.2						134	134	220	
60/ 59		.0	.3	.2	.1	.4	.5	.6	.5	.1							86	86	215	
58/ 57		.1	.3	.5	.2	.2	.4	.7	.4	.1							81	81	238	
56/ 55		.2	.4	.4	.4	.1	.6	.4	.3	.1							81	81	224	
54/ 53		.3	.2	.1	.2	.6	.4	.1	.0								52	52	203	
52/ 51		.2	.4	.2	.1	.3	.1	.1	.0								41	41	171	
50/ 49		.1	.3	.3	.2	.1		.1									30	30	134	
48/ 47		.1	.2	.3	.0												17	17	111	
46/ 45		.2	.1	.2	.1	.1	.1										20	20	107	
44/ 43		.1	.3	.1	.1	.0											13	13	75	
42/ 41		.1	.1	.0	.0												5	5	53	
40/ 39		.1	.0	.1	.0												7	7	14	
38/ 37				.0													1	1	10	
36/ 35		.1															3	3	10	
34/ 33																			3	75
32/ 31																				88
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature												$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-70.72 YEARS MONTH OCT
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
98/ 97																.0	.0	2	2	
96/ 95															.0	.1	.1	5	5	
94/ 93																	.0	9	9	
92/ 91									.1			.1	.3	.0	.2	.5	.1	38	38	
90/ 89								.1	.2		.3	.3	.2	.2	.1			37	37	
88/ 87								.5	.4		.4	.2	.4	.1				71	71	
86/ 85						.0	.2	.5	.4	.7	1.1	.7	.4	.2	.0			114	114	
84/ 83					.0	.1	.4	.3	.6	.9	1.0	.9	.6	.4	.1			145	145	
82/ 81					.0	.4	.3	.8	1.3	.8	.9	.6	.5	.1				154	154	
80/ 79					.1	.6	1.3	1.5	1.2	.8	1.1	.3	.3	.2				198	198	
78/ 77			.0	.1	.2	.6	1.4	.9	1.2	1.0	.9	.4	.4	.0				196	196	
76/ 75			.0	.2	.6	.8	1.0	1.2	1.1	1.0	.7	.2	.0					199	199	5
74/ 73		.0	.1	.3	.5	.8	.6	.7	1.4	1.1	1.1	.5						190	190	25
72/ 71		.1	.3	.3	.9	.5	1.0	1.4	1.0	.6	.6	.3	.1					189	189	71
70/ 69		.3	.5	.5	.4	.8	.8	1.1	1.2	.8	.6	.1	.0					190	190	96
68/ 67		.2	.3	.3	.3	.4	.7	.7	1.0	.7	.3	.0						133	133	195
66/ 65	.2	.5	.6	.1	.7	.5	.6	.9	1.2	.6	.2	.1						176	176	276
64/ 63	.1	.3	.1	.3	.6	.7	.7	.7	.9	.3	.1							131	131	230
62/ 61	.0	.2	.1	.4	.4	.6	.7	.7	.7	.1	.0							109	109	239
60/ 59	.5	.4	.3	.4	.3	.4	.3	.5	.8	.4	.1							102	102	226
58/ 57	.0	.3	.3	.4	.0	.3	.6	.3	.2									66	66	229
56/ 55	.1	.5	.1	.3	.1	.4	.4	.2	.2	.0								63	63	213
54/ 53	.0	.2	.1	.2	.3	.6	.3	.1										47	47	218
52/ 51	.1	.1	.2	.2	.4	.2	.1	.1										36	36	154
50/ 49	.0	.1	.4	.3	.6	.1												26	26	138
48/ 47	.1	.1	.3	.2	.1	.1												23	23	110
46/ 45	.3	.1	.1	.0	.0	.0												11	11	109
44/ 43	.1	.3	.1	.1	.0	.0												16	16	81
42/ 41	.1	.1	.0	.0	.0	.0												4	4	42
40/ 39	.1	.0	.0	.0	.0	.0												4	4	20
38/ 37	.1	.1	.1	.1	.1	.1												2	2	121
36/ 35	.1	.1	.1	.1	.1	.1												3	3	8
34/ 33	.1	.1	.1	.1	.1	.1														1
32/ 31	.1	.1	.1	.1	.1	.1														1
30/ 29	.1	.1	.1	.1	.1	.1														1
28/ 27	.1	.1	.1	.1	.1	.1														1
26/ 25	.1	.1	.1	.1	.1	.1														1
24/ 23	.1	.1	.1	.1	.1	.1														1
22/ 21	.1	.1	.1	.1	.1	.1														1
20/ 19	.1	.1	.1	.1	.1	.1														1
18/ 17	.1	.1	.1	.1	.1	.1														1
16/ 15	.1	.1	.1	.1	.1	.1														1
14/ 13	.1	.1	.1	.1	.1	.1														1
12/ 11	.1	.1	.1	.1	.1	.1														1
10/ 9	.1	.1	.1	.1	.1	.1														1
8/ 7	.1	.1	.1	.1	.1	.1														1
6/ 5	.1	.1	.1	.1	.1	.1														1
4/ 3	.1	.1	.1	.1	.1	.1														1
2/ 1	.1	.1	.1	.1	.1	.1														1
0/ 0	.1	.1	.1	.1	.1	.1														1

Element (X) Z X X ϕ 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

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 43-70,72 MONTH OCT
 STATION NAME OKLAHOMA CITY PAGE 2 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL								
	6	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																					73
28/ 27																					47
26/ 25																					37
24/ 23																					23
22/ 21																					17
20/ 19																					16
18/ 17																					7
16/ 15																					6
14/ 13																					6
12/ 11																					2
10/ 9																					2
8/ 7																					4
4/ 3	1.1	4.1	4.2	4.4	6.0	9.1	11.5	12.7	14.5	10.4	9.7	5.2	3.3	1.9	.9	.7	.2	2689	2689	2689	2689
TOTAL																					

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature				Total													
						≤ 0 F	32 F	≥ 67 F	≥ 73 F		≥ 80 F	≥ 93 F											
Ref. Hum.	6553300	121866	45.3	19.578	2689																		
Dry Bulb	14134793	192901	71.7	10.505	2689																		
Wet Bulb	9224880	156056	58.0	7.910	2689																		
Dew Point	4746919	126671	47.1	11.807	2689																		

DATA PROCESSING BRANCH
USAF FTAC
AIR WEATHER SERVICE/AAAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 40-72
PAGE 1 2100-2300
MONTH OCT
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 61						.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1		
80/ 79				.0	.1	.3	.3	.2	.0	.0	.2	.1	.1	.1	.1	.1	.1	18	18		
78/ 77			.1	.2	.3	.2	.3	.5	.4	.0	.1	.1	.1	.1	.1	.1	.1	39	39		
76/ 75			.4	.3	.2	.3	.5	.4	.0	.0	.1	.1	.1	.1	.1	.1	.1	68	68		
74/ 73		.1	.4	.4	.5	.9	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	94	94	11	
72/ 71		.2	.8	1.1	.9	1.7	.9	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	181	181	24	9
70/ 69		.7	1.3	.7	1.7	1.4	1.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	214	214	46	25
68/ 67	.1	.6	.8	1.5	1.6	.6	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	180	180	78	49
66/ 65	.0	1.0	.9	1.3	1.2	1.3	1.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	209	209	96	70
64/ 63	.3	1.4	.7	.9	1.5	1.1	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	184	184	180	87
62/ 61	.2	1.3	1.1	1.2	1.5	1.8	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	229	229	210	115
60/ 59	.1	1.3	.9	1.4	1.7	1.4	.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	221	221	219	114
58/ 57	.3	1.2	1.4	1.4	1.4	1.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	208	209	204	177
56/ 55	.1	.9	1.4	1.6	1.9	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	203	203	236	170
54/ 53	.1	.6	1.3	1.4	1.1	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	157	157	235	163
52/ 51	.5	.5	.9	1.0	.8	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	118	118	207	148
50/ 49	.5	.3	.6	1.0	1.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	110	110	208	209
48/ 47	.1	.3	.6	.6	.7	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	91	91	179	165
46/ 45	.4	.4	.7	.8	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	71	71	158	192
44/ 43	.5	.5	.7	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45	45	101	139
42/ 41	.0	.1	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	24	137	159
40/ 39	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	15	78	137
38/ 37	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	56	114
36/ 35				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	19	90
34/ 33	.1		.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	6	98
32/ 31			.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	3	93
30/ 29																				4	50
28/ 27																				1	42
26/ 25																					27
24/ 23																					14
22/ 21																					11
20/ 19																					6
18/ 17																					8
16/ 15																					7

Element (X)	Σ X ²	Σ X	X̄	S ²	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	
Rel. Hum.										
Dry Bulb										
Wet Bulb										

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13519 STATION FINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH NOV

PAGE 1 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Wet Bulb	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
72/ 71			.2		.1		.0										10	10	
70/ 69		.1	.0	.2	.1	.2	.0										19	19	2
68/ 67		.3	.2	.1	.2	.0	.0										26	26	6
66/ 65		.1	.6	.3	.4	.0	.0										40	40	9
64/ 63		.3	.5	.7	.1	.1	.0	.1									46	46	9
62/ 61		.8	.7	.7	.1	.3	.3	.0									79	79	36
60/ 59	.1	1.2	.3	.5	.4	.3	.2	.0									81	81	58
58/ 57	.4	1.0	.5	.7	.6	.3	.1	.1									104	104	96
56/ 55	.2	.7	.9	.9	.5	.6	.2	.1									109	109	63
54/ 53		1.1	.6	1.0	1.1	.9	.3	.0									134	134	57
52/ 51	.3	1.0	.8	1.8	1.3	.7	.2	.1									168	168	73
50/ 49	.1	1.7	1.4	1.4	1.2	.9	.4										192	192	111
48/ 47	.1	1.3	1.9	2.0	1.6	.5	.1										201	201	60
46/ 45	.3	1.2	2.3	1.7	1.6	.8	.1										215	215	100
44/ 43	.1	1.4	2.8	2.1	.9	.4	.0										206	206	199
42/ 41	.1	1.0	2.2	1.5	.7	.0											152	153	208
40/ 39	.5	1.5	3.0	1.6	.4												188	188	246
38/ 37	.2	2.0	2.9	1.9	.6	.0											206	206	222
36/ 35	.3	1.5	2.4	1.0	.1												147	142	222
34/ 33	.3	2.0	1.5	.8	.3												131	131	209
32/ 31	.1	1.3	.8	.6	.0												78	78	162
30/ 29	.1	.6	.5	.2													40	40	117
28/ 27	.1	.6	.5	.3													39	39	67
26/ 25		.4	.8	.0													33	33	39
24/ 23	.1	.3	.4	.2													27	27	34
22/ 21		.2	.1	.1													7	7	28
20/ 19		.2	.1														10	10	23
18/ 17			.0														1	1	6
16/ 15			.1														2	2	4
14/ 13																			1
12/ 11																			2
10/ 9																			15
8/ 7																			4
6/ 5																			2

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 43-72 MONTH NOV
 PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22					23-24	25-26	27-28	29-30	≥ 31
4/ 3																					7
2/ 1																					8
0/ -1																					2
-2/ -3																					4
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	3.52	4.02	9.02	2.41	2.56	6.02	2.05	.50										2687		2686	2686

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	13555001	185421	69.11	6.718	2685						
Dry Bulb	5829995	122173	45.51	0.119	2687		7.9	1.8			90
Wet Bulb	4775234	110242	41.0	9.660	2686		16.2	.3			90
Dew Point	3719997	94611	35.21	2.012	2686		3.8				

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72 NJV
 STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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															2			
72/ 71			.1															2			
70/ 69			.2	.2	.0													11	11	3	
68/ 67		.3	.1	.1	.1	.1												17	17	4	3
66/ 65		.3	.4	.1	.3	.1												31	31	12	12
64/ 63		.3	1.0	.6	.2	.1	.0											55	55	13	8
62/ 61		.7	.7	.4	.4	.2	.0											57	57	31	9
60/ 59	.2	1.4	.4	.3	.1	.1	.1											71	71	67	39
58/ 57	.3	1.1	.3	.6	.3	.3	.0											80	80	89	74
56/ 55	.3	.9	.9	.4	.5	.4	.1											94	94	62	70
54/ 53	.2	1.0	.8	.4	.7	.5	.1											102	102	47	56
52/ 51	.2	.9	1.1	1.1	.9	.3	.0											121	121	86	62
50/ 49	.4	1.6	1.3	2.0	.7	.5	.3											183	183	87	65
48/ 47	.1	1.5	2.3	1.9	.9	.6	.1											199	199	119	82
46/ 45	.2	1.9	2.2	2.1	1.0	.2												202	202	158	68
44/ 43	.3	1.6	2.1	2.0	.9	.1												188	188	215	89
42/ 41	.2	1.8	2.3	2.0	.5	.2												189	189	188	137
40/ 39	.3	1.6	3.4	1.5	.6	.0												203	203	212	154
38/ 37	.3	2.6	2.9	1.2	.2													193	193	218	188
36/ 35	.2	2.5	2.6	1.0	.3													178	178	263	167
34/ 33	.3	2.4	2.6	1.0														171	171	185	191
32/ 31	.1	1.9	1.3	.7	.1													110	110	187	208
30/ 29	.1	1.2	.9	.4	.0													71	71	160	229
28/ 27	.1	1.0	.4	.2														48	48	93	142
26/ 25	.1	.7	.4	.1														35	35	58	169
24/ 23	.1	.4	.6															29	29	40	113
22/ 21	.0	.5	.4	.0														27	27	38	81
20/ 19	.0	.3	.1															12	12	29	59
18/ 17		.0	.1															3	3	11	57
16/ 15																				7	42
14/ 13			.1															2	2		25
12/ 11			.0															1	1	1	34
10/ 9																				2	20
8/ 7																					9

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE / IAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH NOV
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Wet Bulb	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	D.B./W.B.			Dry Bulb	
74/ 73			.1	.0														3	3			
72/ 71			.0															1	1			
70/ 69			.3	.0														8	8	2		
68/ 67		.2	.4		.1	.1												19	19	5		
66/ 65		.2	.4	.1	.2	.2												26	26	13		
64/ 63		.2	.5	.1	.2	.0												38	38	15		
62/ 61		.8	.4	.2														38	38	24		
60/ 59	.1	1.6	.4	.3	.1													69	69	61		
58/ 57	.4	1.3	.6	.5	.1	.2	.0											88	88	78		
56/ 55	.2	1.0	.7	.5	.3	.2	.1	.0										80	80	56		
54/ 53	.2	1.0	1.0	.6	.4	.4	.4											96	97	56		
52/ 51	.3	1.1	1.2	1.1	1.0	.4	.1	.1										138	138	77		
50/ 49	.1	1.2	1.5	1.6	.9	.4	.1	.1										159	159	87		
48/ 47	.2	1.4	1.7	1.4	1.1	.2	.0	.0										163	163	121		
46/ 45	.4	2.0	2.5	2.0	.6	.3	.1	.1										210	210	142		
44/ 43	.3	1.5	2.3	1.8	.5	.1	.0	.0										174	174	195		
42/ 41	.3	2.0	2.3	2.2	.6	.1												204	204	173		
40/ 39	.5	1.8	3.1	1.6	.3													195	195	222		
38/ 37	.3	2.7	2.6	1.5	.3													198	198	214		
36/ 35	.4	3.0	2.8	1.6	.2													215	215	227		
34/ 33	.4	2.2	2.6	.6														156	156	230		
32/ 31	.1	2.6	1.7	.3														128	128	193		
30/ 29	.0	1.8	1.4	.4	.1													101	102	169		
28/ 27	.1	1.3	.6	.2														61	61	122		
26/ 25	.1	.4	.3	.1														27	27	67		
24/ 23	.0	.5	.5	.1														31	31	35		
22/ 21	.0	.7	.5	.0														35	35	34		
20/ 19	.0	.3	.1															10	10	37		
18/ 17	.0	.2	.1															9	9	17		
16/ 15		.0	.0															1	1	7		
14/ 13																				2		
12/ 11		.1	.0															3	3	19		
10/ 9																				3		
8/ 7																				14		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																Total
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									Total		
Dry Bulb																						
Wet Bulb																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH NOV
PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	D.B./W.B.	Wet Bulb	Dew Point	
6/ 5																					6
4/ 3																					9
2/ 1																					3
0/ -1																					1
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
-10/-11																					1
TOTAL	4.533	3.333	3.019	3.7	7.0	2.3	.5	.0									2684	2666	2684	2684	

Element (X)	ΣX ²	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≥ 32 F	≥ 27 F	≥ 23 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15163730	197600	73.6	15.154	2684						
Dry Bulb	5202667	114985	42.8	10.217	2686	13.6	1.0	.1			90
Wet Bulb	4422261	105581	39.3	10.013	2684						

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB UK/OKLAHOMA CITY YEARS 43-72 MONTH NIJV
 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.	Wet Bulb	Dew Point
78/ 77								.0									1	1		
76/ 75								.0									4	4		
74/ 73			.0	.0	.0	.0	.0	.1	.2	.1	.0						14	14	1	
72/ 71	.0		.0	.0	.2	.1	.0	.0	.1	.2	.1	.0					20	20	1	
70/ 69		.1	.2	.3	.2	.3	.1	.2	.1	.2	.1	.1	.0				42	42	2	
68/ 67		.1	.4	.4	.4	.4	.1	.4	.3	.1	.1						65	65	4	
66/ 65		.2	.4	.5	.4	.4	.4	.4	.4	.4	.2	.0					86	86	6	
64/ 63		.3	1.0	.4	.4	.4	.6	.5	.6	.2	.2						110	110	14	
62/ 61	.0	.8	.5	.6	.7	.6	.7	.7	.4	.1							136	136	20	
60/ 59	.0	.4	.5	.5	.7	1.0	1.2	.6	.2	.0							140	140	49	
58/ 57	.1	.7	.5	.6	.7	.9	1.1	.5	.1	.0							143	143	68	
56/ 55	.2	.8	.6	.9	1.3	1.3	.9	.4	.0								173	174	57	
54/ 53	.1	.6	.8	.7	1.5	1.2	1.2	.3									175	176	64	
52/ 51	.2	.7	.6	1.2	1.6	1.7	.8	.1									185	185	66	
50/ 49	.1	.7	.8	1.5	1.8	1.2	.6	.1									184	184	71	
48/ 47	.1	.7	.8	1.8	1.6	.8	.3										166	166	95	
46/ 45	.1	1.3	.6	1.8	1.5	.9	.1										166	166	100	
44/ 43		.9	1.3	1.6	1.1	.6	.0										148	148	123	
42/ 41	.3	.8	1.2	2.0	.9	.5	.0										154	154	115	
40/ 39	.2	.9	1.4	1.6	1.1	.1											139	139	148	
38/ 37	.1	1.2	1.4	1.4	.5	.1											125	125	157	
36/ 35	.2	1.0	1.4	.9	.1	.0											95	96	196	
34/ 33	.0	1.0	1.2	.6	.3												83	83	211	
32/ 31	.2	.5	.4	.4	.1												43	43	191	
30/ 29	.1	.1	.4	.3	.1												27	27	186	
28/ 27	.0	.1	.4	.1	.0												22	22	144	
26/ 25		.1	.1	.1	.1												10	10	147	
24/ 23		.0	.2	.1													10	10	91	
22/ 21		.1	.1	.1	.0												8	8	94	
20/ 19		.0	.0	.0													2	2	67	
18/ 17		.1	.0														3	3	65	
16/ 15		.0	.0														2	2	33	
14/ 13																			32	
12/ 11																			1	16
Element (X)	Zx?	Zx	X	No. Obs.	Mean No. of Hours with Temperature												Total			
Rel. Hum.					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F						Total				
Dry Bulb																				
Wet Bulb																				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 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
10/ 9																				18
8/ 7																				7
6/ 5																				7
4/ 3																				6
2/ 1																				7
0/ -1																				1
-2/ -3																				2
-4/ -5																				1
-6/ -7																				1
TOTAL	2.2	4.3	7.6	20.6	17.3	12.9	8.8	4.3	1.6	.4	.1						2681	2684	2681	2681

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	10835111	162741	60.7	18.892	2681						
Dry Bulb	6951771	133565	49.8	10.664	2684	4.3		4.9	.6		90
Wet Bulb	5286197	116289	43.4	9.504	2681	11.2		3.3			90
Dew Point	3785179	95319	35.6	12.160	2681	37.5		2			90

DATA PROCESSING BRANCH
 USAF FTAC
 AIA WLA/HER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH NOV

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.	Wet Bulb	Dew Point
84/ 83																		1	1	
82/ 81																		1	1	
80/ 79						.1	.3	.0	.1	.1	.1	.1	.1	.0			15	15		
78/ 77						.3	.2	.1	.1	.3	.3	.3	.2	.0			33	33		
76/ 75						.3	.5	.4	.2	.5	.2	.2	.2				57	57		
74/ 73			.1	.1	.3	.3	.5	.6	.4	.4	.1	.1	.1				87	87		
72/ 71				.1	.3	.5	.5	.7	1.1	.6	.4	.0	.0				118	118	1	
70/ 69	.0	.1	.2	.4	.5	.6	.9	1.1	.8	.7	.4	.1	.0				157	157	4	
68/ 67		.2	.2	.6	.3	.7	.6	.9	1.1	.6	.2	.0	.0				147	147	14	
66/ 65		.1	.2	.3	.7	.5	.5	1.3	1.5	.5	.4	.0	.0				159	159	36	
64/ 63		.1	.2	.2	.3	.7	.7	1.2	1.0	.8	.1	.0	.0				145	145	63	
62/ 61		.2	.2	.3	.6	.8	.8	1.1	1.3	1.0	.3	.1	.0				158	158	76	
60/ 59	.0	.1	.3	.2	.7	.8	.7	1.4	1.4	1.1	.3	.0	.0				168	168	74	
58/ 57	.0	.3	.2	.4	.6	1.3	1.3	1.3	.5	.0	.0	.0	.0				162	162	52	
56/ 55	.0	.3	.3	.3	.6	1.2	2.0	1.1	.3	.0	.0	.0	.0				150	150	73	
54/ 53	.0	.4	.4	.1	.4	1.0	1.2	1.8	.7	.0	.0	.0	.0				118	118	60	
52/ 51	.0	.4	.1	.3	.7	1.3	1.1	.4	.0	.0	.0	.0	.0				124	124	89	
50/ 49	.1	.3	.2	.4	1.0	1.4	1.0	.2	.0	.0	.0	.0	.0				130	130	81	
48/ 47	.1	.7	.4	1.0	.9	1.2	.5	.1	.0	.0	.0	.0	.0				116	116	110	
46/ 45	.1	.9	.3	.8	1.0	.6	.6	.1	.0	.0	.0	.0	.0				120	120	138	
44/ 43	.2	.6	.6	1.1	1.2	.6	.2	.0	.0	.0	.0	.0	.0				82	82	190	
42/ 41	.1	.6	.4	.6	.8	.3	.1	.0	.0	.0	.0	.0	.0				71	71	156	
40/ 39	.1	.6	.6	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0				76	76	175	
38/ 37	.4	.5	.7	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0				43	43	116	
36/ 35	.1	.3	.6	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0				37	37	91	
34/ 33	.4	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0				20	20	68	
32/ 31	.1	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0				11	11	25	
30/ 29	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				12	12	27	
28/ 27	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				6	6	19	
26/ 25	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				2	2	15	
24/ 23	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				1	1	6	
22/ 21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				1	1	2	
20/ 19				.0																6
18/ 17																				2
Element (X)	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X	Z X
Rel. Hum.	Mean No. of Hours with Temperature																≥ 80 F	≥ 80 F	Total	
Dry Bulb																	≥ 73 F	≥ 73 F		
Wet Bulb																	≥ 67 F	≥ 67 F		
Dew Point																	≥ 62 F	≥ 62 F		

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME: YEARS: 43-72 MONTH: JULY TOTAL HOURS (L. S. T.): 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL				Wet Bulb	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	D.B./W.B.	Dry Bulb
16/ 15																					38
14/ 13																					27
12/ 11																					25
10/ 9																					17
8/ 7																					8
6/ 5																					6
4/ 3																					4
2/ 1																					3
0/ -1																					2
-2/ -3																					
TOTAL	1.6	7.7	6.9	9.9	12.6	14.9	15.4	12.7	9.5	4.9	2.8	.9	.2	.1				2689	2690	2689	2689

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F		
Per Hum.	7484937	131157	48.8	20.116	2689							
Dry Bulb	8940480	151880	56.5	11.642	2690	6.5	20.6	1.7	0.1			90
Wet Bulb	6064930	125300	46.6	9.175	2689	5.4	0.6	5.4				90
Dew Point	3773089	95155	35.4	12.288	2689	0.2	37.9					90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13310 TINKER AFB OK/OKLAHOMA CITY 42-72

NOV
MONTH

YEARS

PAGE 1

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

STATION NAME

STATION

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point								
73/ 77						.1	.0	.1									2	2										
75/ 75						.1	.0	.0									7	7										
74/ 73						.2	.1	.0	.0		.1						9	9										
72/ 71		.0	.1		.3	.3	.2	.1	.0	.3	.1						25	25										
70/ 69		.0	.2	.4	.3	.3	.3	.3	.3	.4	.1						57	57	2									
68/ 67		.0	.3	.6	.6	.6	.6	.6	.6	.6	.1						85	85	4	3								
66/ 65	.0	.4	.5	.7	.6	.6	.6	.6	.6	.6	.3	.2	.0				105	105	14	5								
64/ 63				.4	.6	.9	.9	.9	.9	.9	.3	.1					123	123	16	8								
62/ 61		.4	.5	.6	.8	1.0	.9	.6	.3	.0							140	140	55	28								
60/ 59	.0	.5	.6	1.0	1.3	.8	1.3	.6	.3								177	177	77	39								
58/ 57	.1	.3	.4	.6	1.1	1.4	1.3	.8	.2								165	165	82	53								
56/ 55		.3	.5	.7	1.2	1.5	1.5	.7	.0								169	169	98	56								
54/ 53		.2	.7	.9	1.3	1.8	1.3	.7	.0								184	184	146	58								
52/ 51	.1	.7	1.1	1.2	1.7	1.4	1.0	.3									175	175	129	80								
50/ 49	.1	.4	.5	1.5	1.6	1.9	.7	.0									182	182	174	72								
48/ 47	.1	.9	.6	1.6	1.6	1.4	.4	.0									182	182	193	96								
46/ 45	.3	.7	.7	1.4	1.7	1.2	.1	.0									165	165	214	99								
44/ 43		1.1	1.2	1.8	1.3	.5	.1										164	164	237	126								
42/ 41		.4	.9	1.9	1.3	.4	.1										133	133	244	114								
40/ 39	.3	.6	1.4	1.4	.7	.1											120	120	215	147								
38/ 37	.4	.7	1.1	1.0	.5	.1											101	101	211	168								
36/ 35	.1	.5	.9	.9	.1	.0											68	68	186	218								
34/ 33		.4	.5	.4	.1												41	41	125	159								
32/ 31	.0	.3	.2	.4	.2												31	31	83	188								
30/ 29	.2	.1	.4	.5	.1												35	35	52	198								
28/ 27		.2	.3	.1													18	18	29	170								
26/ 25	.1	.1	.1	.1													12	12	36	132								
24/ 23			.2	.2													6	6	21	104								
22/ 21			.1	.1													3	3	12	101								
20/ 19																			7	76								
18/ 17																			2	60								
16/ 15																			33	33								
14/ 13																			25	25								
12/ 11																			15	15								
Element (X)	Σ X ²	Σ X																Σ X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total		
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb																												
Wet Bulb																												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 FINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH NOV
 STATION NAME FINKER AFB OK/OKLAHOMA CITY PAGE 2 HOURS (L. S. T.) 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																					20
8/ 7																					9
6/ 5																					7
4/ 3																					5
2/ 1																					6
0/ -1																					4
-2/ -3																					2
TOTAL	1.0	9.7	13.7	20.0	18.9	15.6	11.1	5.9	2.3	.7	.2	.0					2684	2684		2684	

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature				
						≥ 67 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	96862.09	153227	57.1	18.705	2684					
Dry Bulb	7339324	137568	51.3	10.366	2684	3.5	6.2	.6		90
Wet Bulb	5424886	118176	44.0	10.009	2684	8.1	.2			90
Dew Point	372921	94753	35.3	11.977	2684	38.7				90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 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	5-5	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
75/ 75						.0											1	1		
74/ 73						.1											5	5		
72/ 71				.1	.1	.1	.1										9	9		
70/ 69				.1	.1	.1	.1	.1									23	23		
68/ 67			.1	.3	.3	.1	.0	.1	.1								32	32	10	2
66/ 65		.2	.4	.4	.5	.2	.0	.1	.1	.1							55	55	10	10
64/ 63	.0	.3	.6	.4	.3	.3	.3	.2	.1	.1							67	67	26	10
62/ 61		.7	.8	.7	.3	.4	.4	.2	.2	.0							96	96	40	20
60/ 59	.2	1.2	.6	.6	.6	.7	.4	.4	.1	.1							128	128	71	35
58/ 57	.1	.4	.6	.6	.9	1.0	.6	.4	.0	.0							128	128	83	54
56/ 55	.1	.9	1.0	1.2	1.3	1.1	.4	.1									165	165	52	77
54/ 53		.7	.7	1.1	1.4	1.1	.3	.1									145	145	89	40
52/ 51	.1	.9	.6	1.4	1.1	1.3	.7	.0									164	164	132	79
50/ 49	.1	1.1	1.3	2.2	1.7	1.4	.7	.1									232	232	135	80
48/ 47	.3	1.0	1.0	2.0	2.0	1.2	.4										212	212	170	84
46/ 45	.1	.9	1.6	2.2	1.6	.8	.0										198	198	196	94
44/ 43	.0	1.0	1.1	1.6	1.1	.5	.0										144	144	206	91
42/ 41	.2	1.2	1.6	1.7	1.2	.3	.0										170	170	236	152
40/ 39	.3	1.1	2.7	2.2	1.1	.1											200	200	230	144
38/ 37	.2	.9	2.1	1.6	.4												140	140	220	153
36/ 35	.3	1.3	1.7	1.1	.3												125	125	224	187
34/ 33	.0	.8	1.1	.6	.1												73	73	182	180
32/ 31	.2	.7	.7	.2	.1												47	47	133	202
30/ 29	.2	.3	.6	.4													43	43	78	235
28/ 27	.1	.3	.8	.4	.1												45	45	56	146
26/ 25	.1	.2	.2	.1													17	17	37	139
24/ 23		.1	.2	.0													10	10	34	123
22/ 21		.1	.2														9	9	17	83
20/ 19			.1														3	3	11	79
18/ 17			.0														1	1	6	62
16/ 15																			2	31
14/ 13																			1	26
12/ 11																				25
10/ 9																				10
Element (X)	ΣX ²	ΣX	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature										Total				
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH DEC
 STATION NAME 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.	Wet Bulb	Dew Point
68/ 67		.1	.1	.1	.1	.0												2	2	
66/ 65		.4	.2	.2	.0	.0												9	9	
54/ 63		.3	.5	.3	.2	.2												19	19	5
62/ 61		.1	.5	.3	.2	.2												22	22	14
60/ 59		.6	.3	.1	.1	.1	.0											35	35	15
58/ 57		.5	.3	.1	.1	.1	.0											38	39	14
56/ 55		.5	.3	.2	.2	.2	.1											46	46	25
54/ 53		.3	.8	.1	.1	.3	.2	.1										55	55	47
52/ 51		.2	.5	.3	.2	.4	.2	.0										51	51	37
50/ 49		.1	.5	.2	.4	.9	.7											82	83	30
48/ 47		.3	1.1	.5	1.0	1.2	.2	.1										124	125	46
46/ 45		.2	1.0	1.4	1.5	1.1	.3											155	159	75
44/ 43		.7	1.2	1.6	1.6	1.1	.4											187	187	98
42/ 41		.9	1.3	1.5	1.7	1.1	.3											194	194	51
40/ 39		.5	1.2	2.8	1.8	.6	.2											200	200	175
38/ 37		.4	2.3	3.3	2.0	.1	.0											231	232	97
36/ 35		.6	2.9	3.3	1.7	.2	.0											244	244	201
34/ 33		.8	2.9	3.1	1.1	.0												223	223	158
32/ 31		.6	2.5	2.2	.7	.0												171	171	273
30/ 29		.6	2.6	1.7	.5	.0												153	153	186
28/ 27		.6	2.1	1.5	.1													121	121	229
26/ 25		.9	2.4	1.6	.1													141	143	262
24/ 23		.4	2.0	1.0														97	97	133
22/ 21		.4	1.4	.2														59	60	227
20/ 19		.1	1.1	.2														39	39	107
18/ 17		.7	.7	.2														27	27	162
16/ 15		.0	.7	.1														24	26	64
14/ 13		.1	.6	.1														21	22	115
12/ 11		.2	.6	.0														25	25	27
10/ 9		.3	.3															9	9	64
8/ 7		.0	.2															7	7	11
6/ 5		.1	.1															3	3	47
4/ 3		.1	.1															2	2	13
2/ 1																				3
																				4
																				21
																				10

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 42-72

MONTH DEC

PAGE 2 0000-0200
HOURS (L. S. T.)

YEARS

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
0/ -1																				8
-2/ -3																				8
-4/ -5																				5
-6/ -7																				5
-8/ -9																				1
TOTAL	9.1	35.6	28.6	15.5	7.6	3.0	.5	.0									2816	2830	2816	2816
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	15393167	202909	72.1	16.512	2815	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4203253	104809	37.0	10.663	2830		29.7	.1				93								
Wet Bulb	3488566	95090	33.8	9.930	2816		42.4					93								
Dew Point	2638789	79607	28.3	11.745	2816		9.63													

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH DEC
 STATION NAME 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.	Wet Bulb
68/ 67			.1														7	2	
66/ 65		.1	.0														3	3	
64/ 63		.4	.1	.2													19	22	7
62/ 61		.1	.1	.0													7	7	10
60/ 59		.5	.2	.1	.0					.1	.0						29	29	5
58/ 57	.0	.8	.0	.1	.1	.0				.0	.1						34	36	38
56/ 55		.7	.2	.2	.1	.0				.0	.0						34	34	21
54/ 53	.3	.8	.4	.1	.1	.2	.1			.2	.1						56	56	33
52/ 51	.2	.6	.1	.2	.4	.2	.1			.2	.1						47	47	38
50/ 49	.1	.5	.2	.4	.3	.1	.0			.1	.0						48	51	37
48/ 47	.4	.6	.3	.6	.5	.2	.1			.2	.1						78	78	43
46/ 45	.3	.9	1.3	1.4	1.0	.0	.0			.0	.0						139	142	44
44/ 43	.7	1.2	1.4	1.2	.8	.1	.1			.1	.1						153	154	92
42/ 41	.9	1.6	1.8	1.2	.7	.1	.1			.1	.1						179	182	139
40/ 39	.7	1.8	1.9	1.6	.5	.0	.0			.0	.0						188	188	168
38/ 37	.6	2.4	2.6	1.7	.4	.0	.0			.0	.0						221	221	218
36/ 35	.9	2.7	3.4	1.5	.1	.1	.1			.1	.1						244	244	211
34/ 33	.9	3.4	3.6	1.2	.1	.1	.1			.1	.1						256	258	228
32/ 31	1.1	3.8	2.8	.4	.1	.1	.1			.1	.1						230	230	302
30/ 29	.9	3.0	1.7	.5	.0	.0	.0			.0	.0						173	173	276
28/ 27	.3	2.6	1.2	.1	.1	.1	.1			.1	.1						121	128	218
26/ 25	.7	3.0	1.5	.1	.1	.1	.1			.1	.1						149	149	143
24/ 23	.6	3.0	.8	.0	.0	.0	.0			.0	.0						123	123	154
22/ 21	.4	1.7	.6	.0	.0	.0	.0			.0	.0						76	76	119
20/ 19	.1	1.5	.2	.0	.0	.0	.0			.0	.0						51	53	71
18/ 17	.1	.9	.1	.0	.0	.0	.0			.0	.0						32	32	54
16/ 15	.0	.8	.0	.0	.0	.0	.0			.0	.0						24	26	28
14/ 13	.1	.6	.1	.0	.0	.0	.0			.0	.0						23	24	25
12/ 11	.2	.6	.0	.0	.0	.0	.0			.0	.0						23	23	32
10/ 9	.1	.4	.0	.0	.0	.0	.0			.0	.0						15	15	14
8/ 7	.1	.3	.0	.0	.0	.0	.0			.0	.0						12	12	16
6/ 5	.1	.2	.0	.0	.0	.0	.0			.0	.0						8	8	12
4/ 3	.1	.1	.0	.0	.0	.0	.0			.0	.0						4	4	3
2/ 1	.0	.0	.0	.0	.0	.0	.0			.0	.0						1	1	3

Element (X)	ΣX'	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 42-72 YEARS DEC MONTH
 PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.0															1	1		
66/ 65		.1	.1															5	5		
64/ 63		.1	.2	.1														11	11	3	2
62/ 61	.0	.3	.2		.1													14	14	8	6
60/ 59		.6	.1							.0								19	20	17	9
58/ 57		1.1	.1	.0				.0		.0								43	43	29	22
56/ 55	.0	.4	.2	.1	.0													20	20	26	27
54/ 53	.1	.9	.2	.1	.1			.1	.0									49	49	27	31
52/ 51	.2	.6	.2	.2	.2			.0										43	44	37	29
50/ 49	.1	.7	.2	.3	.1	.1												43	43	26	21
48/ 47	.4	.7	.5	.6	.4	.4		.1	.0									74	74	46	35
46/ 45	.4	1.0	.9	.6	.4	.1	.0											95	98	53	40
44/ 43	.9	1.2	1.3	.7	.5													127	129	91	45
42/ 41	.6	1.0	1.5	1.3	.5													140	142	94	69
40/ 39	.5	1.9	2.2	1.5	.6	.0												190	190	129	64
38/ 37	1.0	2.6	2.8	1.9	.1													234	235	171	111
36/ 35	.5	4.0	2.9	1.6	.1													255	256	202	117
34/ 33	.9	3.6	3.3	.9	.1													244	247	293	158
32/ 31	1.3	3.9	3.3	.5	.1													255	257	286	205
30/ 29	1.0	4.2	2.1	.4	.1													218	219	280	226
28/ 27	.4	2.9	1.2	.1														128	130	244	194
26/ 25	.3	2.8	1.4	.0														128	129	145	217
24/ 23	.6	3.7	1.0	.0														149	149	143	231
22/ 21	.4	2.2	.4															84	84	153	202
20/ 19	.4	2.2	.3															80	81	97	160
18/ 17	.3	1.1	.1															41	42	68	118
16/ 15	.0	.6	.1															22	22	27	133
14/ 13	.2	.8	.1															29	31	37	71
12/ 11	.0	.7	.0															22	22	16	58
10/ 9	.0	.5	.1															18	18	18	67
8/ 7	.0	.5																14	14	22	40
6/ 5	.1	.1																4	4	8	25
4/ 3	.1	.1																2	2	5	19
2/ 1	.1	.1																2	2	2	20

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 42-72 MONTH DEC

STATION NAME OKLAHOMA CITY

PAGE 2 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/-1	.0																	1	1	3	12
-2/-3																					4
-4/-5																					5
-6/-7																					4
-8/-9																					3
-10/-11																					2
-14/-15																					1
-16/-17																					1
TOTAL	10.7	47.1	27.0	10.9	3.6	.5	.2	.1										2804	2828	2804	2804

Element (X)	ΣX ²	ΣX	X̄	S _x ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 50 F	
Rel. Hum.	16732332	212484	75.8	4.932	2803						
Dry Bulb	3659050	97348	34.4	10.439	2828	.0	39.7	.0			93
Wet Bulb	3125305	89339	31.9	9.974	2804	.1	51.5				93
Dew Point	2449673	76081	27.1	11.725	2804						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH DEC
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
72/ 71						.0			.0									1	1		
70/ 69						.0				.0								3	3		
68/ 67		.0	.0	.0	.0	.0	.0											4	4	1	
66/ 65		.1	.2	.1	.0	.1	.1	.1										18	18	4	3
64/ 63		.1	.3	.1	.0	.1	.1	.2	.0									16	16	4	2
62/ 61		.3	.1	.0	.1	.0	.1	.1	.1	.0								21	21	3	
60/ 59	.0	.7	.2	.1	.2	.1	.2	.2	.0									46	46	25	14
58/ 57	.0	1.0	.2	.3	.2	.2	.2	.1	.0	.0								66	66	34	30
56/ 55	.2	.4	.3	.3	.3	.4	.4	.2	.0									68	68	34	32
54/ 53	.3	.5	.4	.5	.5	.5	.5	.1										84	84	33	29
52/ 51	.3	.3	.7	.8	1.0	.9	.7	.5	.1									105	105	52	20
50/ 49	.3	.4	.8	.8	1.0	.9	1.1	.3										133	133	52	36
48/ 47	.4	.6	.7	.7	1.2	1.5	.9	.2										151	152	75	49
46/ 45	.2	.7	1.3	1.8	1.3	1.7	.7	.1										176	178	115	46
44/ 43	.6	1.2	1.5	1.7	1.5	1.5	.3	.0										192	193	148	71
42/ 41	.4	1.2	1.6	2.3	1.9	1.9	.3	.0										218	218	179	72
40/ 39	.5	1.2	2.2	1.9	1.0	1.1												198	198	235	106
37/ 37	.4	1.4	2.3	1.9	.3	.1												181	182	220	118
36/ 35	.6	2.5	3.3	2.2	.5	.0												259	260	264	150
34/ 33	.6	2.4	1.8	.5	.2													157	159	257	167
32/ 31	.6	2.3	1.7	.7	.1													154	157	267	212
30/ 29	.4	2.1	1.8	.8														143	143	182	230
28/ 27	.1	1.9	1.7	.2														113	115	157	211
26/ 25	.3	1.3	1.0	.2														80	81	122	248
24/ 23	.4	1.0	.6	.0														54	54	105	209
22/ 21	.2	.8	.4															40	40	66	163
20/ 19	.2	1.1	.5															52	52	54	114
18/ 17	.3	.7	.1															32	32	46	107
16/ 15	.1	.4	.2															20	20	35	107
14/ 13	.5	.5	.1															17	17	15	48
12/ 11	.3	.1																12	12	18	66
10/ 9	.0	.2																7	7	11	49
8/ 7	.0	.1																3	3	9	28
6/ 5	.0	.0																1	1	1	31

Element (X)	Mean No. of Hours with Temperature						No. Obs.	°x	Σ X	Σ X ²
	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Rel. Hum.										
Dry Bulb										
Wet Bulb										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY
YEARS 42-72
PAGE 2 0900-1100
HOURS (L. S. T.)
DEC 1972

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												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	D.B./W.B.	Dry Bulb	Wet Bulb	TOTAL	
4/-5																							
2/1		.0																1	1	1	1	13	8
0/-1																						4	
-2/-3																						5	
-4/-5																						3	
-6/-7																						1	
-8/-9																						1	
-10/-11																						1	
-12/-13																						2	
-14/-15																						1	
TOTAL	7.227	7.226	0.18	5.11	4.5	2.5	.8	.2	.1	.0								2826	2840	2826	2826	2026	

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 32 F	≥ 30 F	≥ 28 F	≥ 26 F	≥ 24 F	
Rel. Hum.	13946677	191631	67.8	18.359	2826						
Dry Bulb	4727425	111687	39.3	10.866	2840				.3		92
Wet Bulb	3772818	99496	35.2	9.773	2826						94
Dew Point	2712353	81027	28.7	11.737	2826	.8	61.9				93

9477-5424

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME YEARS 42-72 MONTH DEC
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	.0	.1	.1														8	8	20	110	
14/ 13		.1	.1														6	6	8	60	
12/ 11		.0	.0														2	2	8	53	
10/ 9																			3	27	
8/ 7																				37	
6/ 5																				31	
4/ 3																				26	
2/ 1																				10	
0/ -1																				3	
-2/ -3																				3	
-4/ -5																				5	
-6/ -7																				2	
-12/-13																				1	
-14/-15																				2	
TOTAL	3.9	15.5	14.2	16.7	14.8	13.5	9.4	6.2	3.2	1.8	.6	.1	.1	.0			2820	2833	2820	2820	
Element (X)	2x ²	x		x		x		x		x		x		x		x		x		x	
Rel. Hum.	1016933	158231	56.2	21.3	35	2818	Mean No. of Hours with Temperature		≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	6404738	130266	46.0	12.1	104	2833	13.5	3.2	.6	.1	.1	.1	93								
Wet Bulb	4573041	110239	39.1	9.6	70	2820	22.4	.1					93								
Dew Point	2836872	82924	39.6	11.8	800								93								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY YEARS 42-72
 MONTH DEC
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.
86/ 85														.0			1	1
84/ 83														.0			1	1
78/ 77													.0				5	5
76/ 75								.0					.1				10	10
74/ 73								.1					.1	.0			10	10
72/ 71							.0	.1					.1	.1			13	13
70/ 69					.1		.1	.1					.1	.2			26	26
68/ 67		.1	.0	.0	.1	.1	.1	.2	.4	.4	.2	.1					45	45
66/ 65			.1	.4	.3	.3	.3	.5	.5	.6	.4						94	94
64/ 63			.2	.5	.4	.4	.4	.5	.7	.2	.0						94	94
62/ 61		.2	.3	.3	.6	.2	.5	.6	.8	.3	.1						110	110
60/ 59		.3	.2	.4	.4	.4	.6	.7	.8	.7	.0						114	114
58/ 57	.1	.2	.2	.5	.5	.5	.7	1.0	.8	.8	.0						140	140
56/ 55	.0	.4	.1	.4	.4	1.1	1.8	.8	.2								149	149
54/ 53	.1	.5	.4	.3	.6	1.6	1.6	.8	.1								170	171
52/ 51	.1	.4	.2	1.0	1.1	1.7	1.7	.5									185	185
50/ 49	.1	.2	.8	1.3	2.0	1.6	1.1	.2									204	204
48/ 47	.1	.3	.8	.9	1.0	1.7	1.2	.0									168	168
46/ 45	.1	.5	.5	1.0	1.8	1.4	.6										168	168
44/ 43	.2	.8	.8	.9	1.4	1.0	.2	.0									156	156
42/ 41	.3	.7	.8	1.0	1.1	.5	.1										131	131
40/ 39	.2	.9	.8	.8	1.0	.3											117	117
38/ 37	.4	1.2	1.2	1.5	.7	.2											146	146
36/ 35	.2	.8	1.1	.9	.8												107	107
34/ 33	.2	1.3	.6	.8	.3	.1											98	98
32/ 31	.3	.9	.9	.8	.5												94	94
30/ 29	.2	1.0	.7	.2													60	60
28/ 27	.4	.8	.4	.2													51	52
26/ 25	.2	.8	.3	.2	.1												45	45
24/ 23	.1	.3	.4	.1													24	24
22/ 21	.1	.6	.5	.1													36	37
20/ 19	.1	.6	.2	.1													29	30
18/ 17	.1	.5	.2														23	23
16/ 15	.0	.1															4	4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature												Total
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						Total	
Dry Bulb																		
Wet Bulb																		
Dew Point																		

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 42-72 MONTH DEC
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
14/ 13	.1	.1																5	5	9	56
12/ 11																				2	50
10/ 9																					36
8/ 7																					40
6/ 5																					36
4/ 3																					15
2/ 1																					5
0/ -1																					4
-2/ -3																					4
-4/ -5																					3
-6/ -7																					3
-8/ -9																					1
-10/ -11																					1
-12/ -13																					2
TOTAL	4.0	14.4	12.8	14.6	15.0	13.6	11.5	5.9	4.5	1.9	1.3	.4	.0	.1			2833	2837	2833	2833	
Element (X)	Σ X ²	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X
Rel. Hum.	9844977	155201	54.8	21.7	53												2832				Total
Dry Bulb	6699957	133383	47.0	12.2	98												2837				93
Wet Bulb	4720721	112411	39.7	9.5	88												2833				93
Dew Point	2866259	83729	29.6	11.7	60												2833				93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TIKER AFB OK/OKLAHOMA CITY 42-72

DEC

YEARS

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL Wet Bulb 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	D.B./W.B.		Dry Bulb
72/ 71							.1	.1	.1	.1								7	7	
70/ 69								.0	.1	.1	.0							5	5	
68/ 67		.1		.1			.1	.1	.1	.1	.1						9	9		
66/ 65		.0	.0	.2			.0	.1	.2	.0							20	20	2	
64/ 63		.2	.2	.3	.0		.0	.1	.0	.0							22	22	1	
62/ 61		.2	.2	.3	.0		.2	.1	.2	.1							39	39	7	
60/ 59	.1	.5	.2	.4	.2		.1	.2	.2	.2							58	58	22	
58/ 57	.2	.9	.5	.4	.3		.2	.5	.4	.2							99	99	44	
56/ 55	.0	.6	.4	.5	.4		.6	.7	.4								98	100	47	
54/ 53	.0	.4	.5	.4	.5		.8	.5	.2	.0							95	96	49	
52/ 51	.2	.4	.6	.5	1.2		1.2	.7	.1								141	141	59	
50/ 49	.1	.4	.6	1.0	1.9		1.4	.5	.1								173	175	61	
48/ 47	.1	.5	1.1	1.5	2.1		1.4	.4									202	202	100	
46/ 45	.2	.7	1.2	2.0	2.1		1.2	.1									213	213	108	
44/ 43	.2	.9	1.3	1.9	1.6		.6	.1									188	189	197	
42/ 41	.2	1.0	1.5	2.3	1.1		.4	.1									184	184	220	
40/ 39	.4	1.2	2.5	1.9	1.5		.4										220	223	270	
38/ 37	.4	1.7	2.0	1.8	.7		.2										192	192	273	
36/ 35	.3	1.5	2.1	1.6	.5		.1										174	174	273	
34/ 33	.3	1.6	1.4	1.0	.1												124	124	197	
32/ 31	.6	.9	1.1	1.0	.1												105	105	211	
30/ 29	.3	1.8	1.0	.6	.1												108	108	156	
28/ 27	.4	1.6	.6	.6	.6												89	89	140	
26/ 25	.1	.9	.9	.1	.1												56	56	93	
24/ 23	.2	1.1	.5	.0	.0												51	52	78	
22/ 21	.1	.6	.2	.0	.0												27	29	62	
20/ 19	.1	.7	.6	.0	.0												40	40	32	
18/ 17		.4	.4														21	25	29	
16/ 15	.1	.5	.2														25	25	27	
14/ 13	.1	.5															16	16	30	
12/ 11		.1															2	2	13	
10/ 9		.0															1	1	3	
8/ 7																				46
6/ 5																				30

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.											
Dry Bulb											
Wet Bulb											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72

YEARS MONTH DEC

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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				
72/ 71																		2	1				
70/ 69								.1									6	2	6				
68/ 67																		12	17	17			
66/ 65			.1	.0				.0									26	26	26				
64/ 63			.1	.0				.0									35	35	35				
62/ 61	.0		.3	.3	.1			.0									57	57	57				
60/ 59	.1	.4	.4	.0	.1	.0		.0									50	50	40		3		
58/ 57	.0	.8	.3	.2	.2	.2	.1	.1									66	66	36				
56/ 55	.1	.5	.4	.2	.1	.2	.2	.0									86	86	49				
54/ 53	.1	.9	.2	.2	.2	.4	.3	.1									115	121	37				
52/ 51	.1	.4	.4	.5	.7	.7	.2	.0									156	156	73				
50/ 49	.1	.8	.7	.5	1.0	.8	.1	.0									211	211	76				
48/ 47	.2	.9	.6	1.5	1.5	.7	.1										184	186	134				
46/ 45	.3	.9	1.7	2.4	1.4	.6	.2										192	196	194				
44/ 43	.4	.8	1.5	1.7	1.7	.4	.0										214	214	220				
42/ 41	.2	1.5	1.6	2.3	1.0	.2	.1										205	206	228				
40/ 39	.5	1.3	2.9	2.2	.5	.2											215	216	291				
38/ 37	.3	1.8	2.4	2.2	.5												185	185	227				
36/ 35	.5	2.4	2.6	1.8	.3	.0											157	157	262				
34/ 33	.5	2.3	2.3	1.2	.2												154	154	187				
32/ 31	.5	2.4	1.7	.8	.1												112	112	177				
30/ 29	.4	2.6	2.0	.5													75	77	122				
28/ 27	.6	1.7	1.2	.4													82	84	107				
26/ 25	.2	1.2	1.1	.1													46	46	83				
24/ 23	.2	1.9	.8														40	40	55				
22/ 21	.4	1.0	.3														34	35	40				
20/ 19	.1	.9	.4														26	26	26				
18/ 17	.2	.7	.2														26	26	30				
16/ 15	.0	.6	.3														9	9	28				
14/ 13	.1	.7	.1														6	6	9				
12/ 11	.0	.3															1	1	1				
10/ 9	.2	.2															1	1	1				
8/ 7	.0	.0															1	1	1				
Element (X)	2X ¹	2X	X̄	e _x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 42-72 MONTH DEC
 PAGE 2 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	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	
6/ 5	.0																	1	1	1	26
4/ 3	.0																	1	1	2	18
2/ 1																					12
0/ -1																					12
-2/ -3																					7
-4/ -5																					4
-6/ -7																					2
TOTAL	6.5	30.6	26.9	19.1	9.9	4.7	1.7	.5	.1	.1	.0									2825	2806

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	14176557	193249	68.9	17.541	2805							
Dry Bulb	4562221	109407	38.7	10.729	2825				3			93
Wet Bulb	3675159	97771	34.8	9.783	2806							93
Dew Point	2679468	80226	28.6	11.727	2806							93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13919 TINKER AFB OK/OKLAHOMA CITY 42-72

STATION NAME YEARS

HRS. (L.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.		
00-02	MEAN	33.7	37.9	44.1	56.1	63.7	72.4	76.1	75.5	68.5	58.2	45.5	37.0	55.6
	S.D.	12.132	10.584	11.560	9.365	7.357	5.746	4.906	5.142	7.175	8.681	10.119	10.663	17.529
	TOTAL OBS	2765	2463	2679	2594	2588	2557	2648	2688	2691	2695	2687	2830	31985
03-05	MEAN	32.1	35.9	41.8	53.7	61.7	70.1	73.7	72.8	66.1	56.0	43.7	35.4	53.5
	S.D.	12.087	10.607	11.441	9.417	7.297	5.488	4.467	4.803	7.044	8.706	10.225	10.589	17.256
	TOTAL OBS	2774	2462	2684	2596	2689	2556	2646	2689	2695	2696	2687	2831	32005
05-08	MEAN	31.0	34.8	41.2	54.1	63.1	71.8	75.4	74.0	66.5	55.3	42.8	34.4	53.6
	S.D.	12.148	10.622	11.388	9.376	7.500	6.112	5.316	5.561	7.463	8.888	10.217	10.439	18.201
	TOTAL OBS	2776	2460	2667	2591	2681	2558	2641	2691	2695	2691	2686	2828	31965
09-11	MEAN	35.5	40.3	47.9	61.5	70.1	78.9	83.4	82.9	75.0	64.3	49.8	39.3	60.6
	S.D.	12.628	11.713	12.659	9.950	8.526	7.341	7.007	7.072	8.982	9.767	10.664	10.866	19.668
	TOTAL OBS	2768	2464	2681	2591	2684	2565	2642	2694	2686	2694	2684	2840	31993
12-14	MEAN	42.2	47.3	54.5	67.5	75.1	84.1	88.7	88.8	81.1	70.9	56.5	46.0	66.8
	S.D.	13.779	13.153	13.832	10.861	9.263	7.496	7.482	7.496	9.570	10.457	11.643	12.104	19.700
	TOTAL OBS	2772	2461	2681	2590	2680	2560	2641	2686	2696	2692	2690	2833	31982
15-17	MEAN	44.0	49.7	56.9	69.2	76.6	85.4	90.0	90.3	82.3	71.7	57.2	47.0	68.2
	S.D.	14.045	13.259	14.110	10.880	9.221	7.491	7.694	7.662	9.541	10.505	11.680	12.298	19.638
	TOTAL OBS	2772	2459	2680	2591	2688	2561	2641	2688	2692	2680	2695	2837	31993
18-20	MEAN	38.9	44.7	52.3	64.5	72.4	81.3	85.6	85.0	76.4	65.2	51.3	41.8	63.2
	S.D.	12.573	11.612	12.709	9.978	8.343	6.998	7.111	7.126	8.734	9.338	10.366	10.967	19.161
	TOTAL OBS	2769	2459	2668	2584	2691	2560	2642	2692	2685	2694	2684	2820	31948
21-23	MEAN	35.7	40.5	47.5	59.3	67.2	75.7	79.5	78.8	71.2	60.8	47.6	38.7	58.4
	S.D.	12.196	10.659	11.717	9.307	7.441	5.936	5.568	5.665	7.609	8.878	10.063	10.729	17.975
	TOTAL OBS	2764	2465	2679	2589	2682	2560	2642	2694	2696	2697	2687	2825	31980
ALL HOURS	MEAN	36.6	41.4	48.3	60.7	68.7	77.5	81.6	81.0	73.4	62.9	49.3	40.0	60.0
	S.D.	13.453	12.617	13.649	11.369	9.737	8.589	8.617	8.991	10.209	11.090	11.808	11.921	19.416
	TOTAL OBS	22160	19693	21419	20726	21483	20477	21143	21522	21536	21548	21500	22644	255851

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 42-72

HRS. (L.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00-02	MEAN	30.9	34.4	39.5	50.3	58.7	66.6	69.1	68.0	62.0	52.6	41.0	33.8	50.5
	S.D.	11.399	9.750	10.325	9.184	7.004	4.780	3.574	4.041	6.558	8.571	9.660	9.930	16.019
	TOTAL OBS	2748	2448	2671	2590	2688	2648	2695	2691	2686	2686	2695	2816	31925
03-05	MEAN	29.7	33.0	38.1	49.0	57.6	65.6	68.1	67.0	61.0	51.5	39.9	32.6	49.4
	S.D.	11.571	9.973	10.568	9.495	7.218	4.875	3.573	4.143	6.748	8.842	9.942	9.923	16.203
	TOTAL OBS	2754	2441	2675	2593	2688	2554	2646	2689	2695	2696	2687	2802	31920
06-08	MEAN	28.9	32.1	37.6	49.3	58.4	66.5	69.1	67.7	61.2	51.3	39.3	31.9	49.4
	S.D.	11.692	10.061	10.637	9.499	7.216	4.999	3.703	4.193	6.914	8.980	10.013	9.974	16.812
	TOTAL OBS	2755	2437	2661	2587	2679	2555	2641	2691	2695	2691	2684	2804	31880
09-11	MEAN	32.1	35.8	41.6	52.9	61.5	69.2	71.9	70.9	64.7	55.5	43.4	35.2	52.8
	S.D.	11.533	10.078	10.625	9.021	7.014	5.035	3.593	3.863	6.617	8.482	9.504	9.773	16.512
	TOTAL OBS	2754	2447	2680	2590	2683	2565	2642	2694	2686	2694	2681	2826	31942
12-14	MEAN	36.3	39.9	45.0	55.3	63.4	70.8	73.0	72.1	66.4	57.9	46.6	39.1	55.4
	S.D.	11.262	9.987	10.383	8.558	6.950	4.840	3.416	3.777	6.301	8.096	9.175	9.670	15.471
	TOTAL OBS	2757	2453	2681	2589	2679	2560	2641	2686	2696	2692	2689	2820	31943
15-17	MEAN	37.2	41.1	46.2	55.9	63.8	71.1	73.0	72.0	66.4	58.0	46.9	39.7	55.8
	S.D.	11.121	9.771	10.096	6.281	6.775	4.716	3.392	3.805	6.093	7.910	9.012	9.588	15.087
	TOTAL OBS	2761	2458	2680	2591	2688	2561	2640	2686	2692	2689	2694	2833	31973
18-20	MEAN	34.3	36.5	44.0	54.1	62.5	70.0	72.1	70.9	64.7	55.7	44.0	36.8	53.9
	S.D.	10.984	9.487	9.904	8.440	6.777	4.675	3.509	3.991	6.209	8.077	9.089	9.512	15.670
	TOTAL OBS	2759	2454	2665	2584	2691	2560	2643	2692	2684	2694	2684	2804	31914
21-23	MEAN	32.3	36.0	41.5	51.9	60.6	68.1	70.4	69.1	62.9	53.8	42.1	34.8	51.9
	S.D.	11.244	9.455	10.009	8.802	6.807	4.618	3.522	3.996	6.438	8.376	9.373	9.783	15.877
	TOTAL OBS	2751	2454	2675	2589	2682	2560	2642	2694	2696	2696	2687	2806	31932
ALL HOURS	MEAN	32.7	35.4	41.7	52.3	60.8	68.5	70.8	69.7	63.7	54.6	42.9	35.3	52.4
	S.D.	11.694	10.273	10.742	9.263	7.316	5.209	3.963	4.409	6.803	8.788	9.842	10.129	16.141
	TOTAL OBS	22039	19592	21388	20713	21478	20471	21143	21520	21535	21547	21492	22511	255429

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13919 TINKER AFB OK/OKLAHOMA CITY 42-72

STATION STATION NAME YEARS

HR. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN 25.4	28.5	33.1	44.5	55.1	63.5	65.6	64.1	57.8	47.5	35.2	28.3	45.7
	S.D. 13.422	11.782	12.380	11.942	8.362	5.446	4.763	5.559	8.346	11.077	12.012	11.745	17.835
	TOTAL OBS 2749	2448	2671	2590	2588	2555	2648	2688	2691	2695	2686	2816	31924
03-05	MEAN 24.7	27.9	32.7	44.2	54.6	63.1	65.3	63.9	57.6	47.2	34.9	27.6	45.2
	S.D. 13.681	11.925	12.418	11.991	8.476	5.501	4.562	5.352	8.242	11.135	12.081	11.641	17.969
	TOTAL OBS 2754	2441	2675	2593	2688	2554	2645	2689	2694	2696	2687	2802	31918
06-08	MEAN 24.2	27.2	32.5	44.3	55.1	63.8	66.0	64.5	57.9	47.1	34.5	27.1	45.3
	S.D. 13.673	11.925	12.482	12.086	8.549	5.459	4.437	5.094	8.304	11.213	12.107	11.725	18.363
	TOTAL OBS 2753	2436	2661	2587	2679	2555	2640	2692	2695	2691	2684	2804	31877
09-11	MEAN 25.7	28.6	33.6	44.8	55.8	64.5	66.6	65.3	58.6	48.2	35.6	28.7	46.3
	S.D. 13.684	12.026	12.921	12.772	9.087	5.880	4.575	5.074	8.651	11.549	12.160	11.737	18.260
	TOTAL OBS 2754	2447	2680	2590	2683	2565	2641	2694	2686	2694	2681	2826	31941
12-14	MEAN 27.0	29.6	33.9	44.6	55.9	64.5	65.9	64.2	57.9	47.7	35.4	29.4	46.3
	S.D. 13.231	12.015	12.993	12.821	9.478	6.064	4.843	5.660	8.950	11.850	12.268	11.860	17.848
	TOTAL OBS 2757	2453	2681	2589	2679	2560	2641	2686	2696	2692	2689	2820	31943
15-17	MEAN 27.1	29.7	33.8	44.4	55.7	64.2	65.2	63.2	57.0	47.1	35.2	29.6	45.9
	S.D. 13.186	12.057	12.779	12.732	9.525	6.096	5.115	6.013	9.090	11.887	12.184	11.760	17.615
	TOTAL OBS 2761	2458	2680	2591	2688	2561	2640	2685	2692	2689	2694	2833	31972
18-20	MEAN 26.5	29.5	33.9	44.7	56.1	64.6	65.8	64.0	57.6	47.8	35.3	29.2	46.2
	S.D. 13.225	11.940	12.611	12.510	9.167	5.755	5.093	6.085	8.703	11.374	11.977	11.629	17.803
	TOTAL OBS 2759	2454	2665	2584	2691	2560	2643	2692	2684	2694	2684	2803	31913
21-23	MEAN 26.0	29.1	33.7	44.9	56.1	64.3	66.0	64.2	57.7	47.7	35.1	28.6	46.1
	S.D. 13.362	11.718	12.400	12.078	8.524	5.418	4.775	5.753	8.544	11.120	11.976	11.727	17.856
	TOTAL OBS 2751	2453	2675	2589	2682	2560	2642	2694	2696	2696	2687	2806	31931
ALL HOURS	MEAN 25.5	28.8	33.4	44.6	55.6	64.1	65.8	64.2	57.8	47.5	35.1	28.5	45.9
	S.D. 13.468	11.951	12.635	12.371	8.920	5.729	4.794	5.610	8.617	11.409	12.100	11.757	17.949
	TOTAL OBS 22037	19590	21388	20713	21478	20470	21140	21520	21534	21547	21492	22510	255419

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 PERIOD ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JAN	ALL	100.0	99.5	96.7	89.8	78.6	64.1	47.8	30.9	14.0		67.8	22035
FEB		100.0	99.0	93.6	84.0	71.8	57.9	42.4	27.6	13.0		64.5	19591
MAR		99.9	97.5	90.0	78.6	65.2	51.3	37.3	23.3	9.7		60.8	21384
APR		100.0	97.6	89.6	77.0	62.9	48.9	34.6	21.2	7.3		59.5	20712
MAY		100.0	99.7	97.0	89.3	77.4	61.4	43.7	25.5	8.7		65.8	21476
JUN		100.0	100.0	99.1	93.9	80.8	61.9	41.2	20.8	4.8		65.7	20470
JUL		100.0	99.9	96.6	86.8	70.8	52.4	34.3	18.0	4.6		61.9	21142
AUG		100.0	99.7	94.7	82.5	66.2	48.6	31.8	16.8	4.1		60.0	21518
SEP		100.0	99.1	93.4	83.0	68.7	53.0	37.5	22.2	6.9		61.9	21535
OCT		100.0	98.4	91.8	81.0	67.0	51.5	35.9	22.1	3.6		61.3	21540
NOV		100.0	99.1	93.4	82.0	68.1	52.2	35.6	21.4	8.7		61.6	21491
DEC		100.0	99.5	96.3	88.7	76.8	62.1	45.1	29.1	13.2		66.7	22505
TOTALS		100.0	99.1	94.4	84.7	71.2	55.4	38.9	23.3	8.6		63.1	255399

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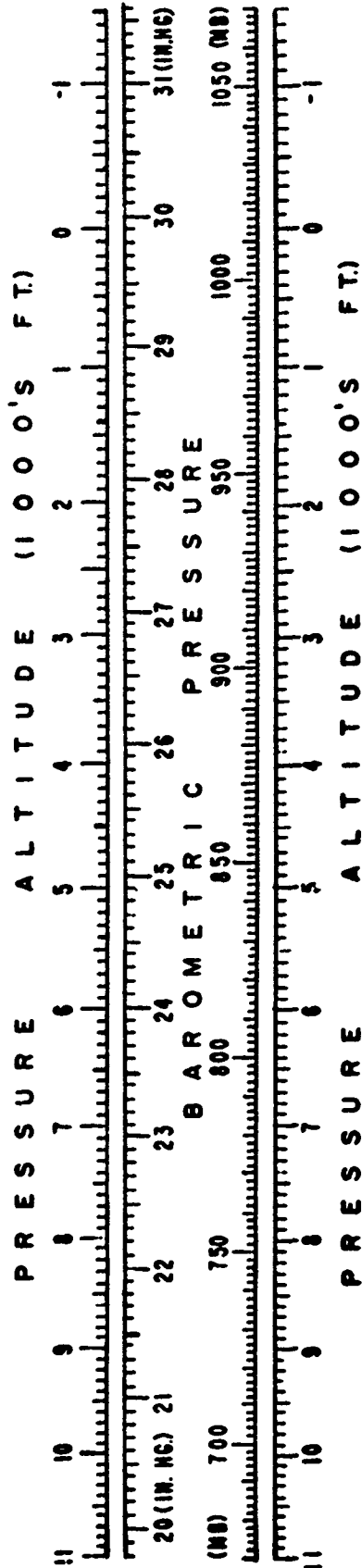
PART F PRESSURE SUMMARY

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.



DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13919 TINKER AFB OK/OKLAHOMA CITY 46-63,65-72

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN	28.730	28.691	28.618	28.575	28.563	28.628	28.630	28.644	28.669	28.697	28.709	28.646
	S. D.	.230	.222	.202	.148	.114	.089	.095	.126	.162	.216	.222	.186
	TOTAL OBS	766	679	736	711	742	701	727	771	775	773	803	8959
03	MEAN	28.724	28.680	28.607	28.563	28.570	28.621	28.625	28.640	28.665	28.691	28.703	28.638
	S. D.	.234	.221	.226	.204	.148	.088	.088	.127	.165	.219	.224	.188
	TOTAL OBS	770	679	740	713	741	703	729	772	774	775	801	8970
06	MEAN	28.720	28.686	28.618	28.582	28.589	28.642	28.643	28.657	28.679	28.698	28.702	28.651
	S. D.	.237	.221	.226	.205	.148	.089	.096	.129	.168	.227	.221	.188
	TOTAL OBS	773	677	727	711	739	703	724	774	774	772	796	8939
09	MEAN	28.755	28.718	28.651	28.613	28.617	28.666	28.667	28.685	28.711	28.731	28.732	28.680
	S. D.	.240	.223	.231	.208	.149	.088	.091	.130	.171	.226	.226	.190
	TOTAL OBS	768	678	739	709	739	705	726	773	770	774	805	8956
12	MEAN	28.749	28.714	28.640	28.602	28.605	28.653	28.654	28.671	28.693	28.714	28.719	28.668
	S. D.	.239	.222	.231	.207	.148	.088	.090	.128	.169	.225	.229	.189
	TOTAL OBS	770	678	738	711	738	704	725	770	774	774	803	8958
15	MEAN	28.695	28.658	28.583	28.551	28.565	28.614	28.608	28.618	28.641	28.664	28.672	28.620
	S. D.	.230	.225	.225	.204	.145	.087	.090	.127	.165	.219	.215	.185
	TOTAL OBS	769	679	738	711	742	703	724	772	775	773	802	8959
18	MEAN	28.708	28.660	28.575	28.537	28.538	28.584	28.582	28.604	28.639	28.675	28.685	28.611
	S. D.	.224	.218	.218	.200	.143	.087	.090	.126	.161	.213	.219	.185
	TOTAL OBS	771	678	732	707	741	704	722	771	774	769	795	8936
21	MEAN	28.728	28.684	28.605	28.567	28.565	28.607	28.611	28.636	28.664	28.697	28.703	28.636
	S. D.	.227	.215	.220	.200	.142	.087	.089	.124	.161	.213	.220	.185
	TOTAL OBS	768	680	739	710	741	702	726	773	775	773	800	8961
ALL HOURS	MEAN	28.726	28.686	28.612	28.574	28.579	28.627	28.628	28.644	28.670	28.696	28.703	28.644
	S. D.	.233	.222	.226	.205	.148	.091	.095	.129	.167	.220	.224	.188
	TOTAL OBS	6155	5428	5889	5683	5923	5625	5803	6177	6188	6174	6405	71638

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/PAC

ANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE 1. MBS FROM HOURLY OBSERVATIONS

42-72

TINKER AFB OK/OKLAHOMA CITY

3919

HRS. (L.S.T.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
00	MEAN	1019.9	1018.3	1015.6	1013.3	1012.2	1014.3	1014.1	1015.2	1016.9	1018.2	1019.3	1015.9
	S.D.	8.549	7.862	8.148	7.329	5.449	4.323	3.230	3.336	4.496	5.946	7.870	6.980
	TOTAL OBS	919	820	883	851	897	851	882	895	893	899	895	944
03	MEAN	1019.7	1017.9	1015.3	1012.9	1012.9	1014.1	1014.0	1015.1	1016.7	1018.0	1019.0	1015.7
	S.D.	8.735	8.056	8.244	7.418	5.468	3.188	3.321	4.521	6.058	7.980	8.279	7.068
	TOTAL OBS	23	321	887	853	896	883	896	893	899	897	942	10642
06	MEAN	1019.6	1018.2	1015.8	1013.7	1013.6	1014.9	1014.7	1015.8	1017.4	1018.4	1019.1	1016.2
	S.D.	8.774	8.081	8.242	7.493	5.444	3.190	3.331	4.570	6.148	8.057	8.277	7.002
	TOTAL OBS	925	819	874	850	893	879	898	895	896	893	938	10613
09	MEAN	1020.9	1019.5	1016.9	1014.8	1014.6	1015.6	1015.6	1016.8	1018.5	1019.6	1020.3	1017.3
	S.D.	8.887	8.188	8.391	7.613	5.490	3.169	3.406	4.582	6.255	8.153	8.316	7.117
	TOTAL OBS	921	820	886	851	895	881	898	890	897	892	946	10632
12	MEAN	1020.5	1019.2	1016.5	1014.2	1014.1	1015.2	1015.1	1016.2	1017.7	1018.9	1019.7	1016.7
	S.D.	8.879	8.171	8.376	7.538	5.454	3.176	3.418	4.528	6.205	8.158	8.328	7.096
	TOTAL OBS	920	820	884	852	893	880	894	894	894	896	944	10628
15	MEAN	1018.6	1017.1	1014.4	1012.5	1012.6	1013.8	1013.4	1014.3	1015.9	1017.1	1018.0	1015.0
	S.D.	8.534	8.016	8.208	7.438	5.350	3.164	3.408	4.505	6.043	7.949	8.214	6.915
	TOTAL OBS	919	820	884	853	897	879	897	894	895	898	944	10633
18	MEAN	1019.2	1017.3	1014.2	1012.1	1011.8	1012.8	1012.6	1014.0	1016.0	1017.6	1018.5	1014.8
	S.D.	8.359	7.807	7.961	7.283	5.260	3.176	3.386	4.505	5.935	7.706	8.146	6.989
	TOTAL OBS	923	820	878	849	896	877	896	889	898	891	937	10606
21	MEAN	1020.0	1018.2	1015.3	1013.1	1012.7	1013.6	1013.6	1015.1	1016.9	1018.4	1019.2	1015.7
	S.D.	8.459	7.758	7.995	7.278	5.238	3.167	3.358	4.446	5.937	7.736	8.187	6.978
	TOTAL OBS	919	821	885	851	894	880	896	894	897	896	940	10625
ALL HOURS	MEAN	1019.9	1018.2	1015.5	1013.3	1013.2	1014.3	1014.2	1015.3	1017.0	1018.3	1019.1	1015.9
	S.D.	8.670	8.027	8.239	7.466	5.455	3.299	3.487	4.602	6.117	7.981	8.265	7.067
	TOTAL OBS	7369	6561	7061	6810	7161	7041	7170	7142	7178	7158	7535	8500