

AD A 074679

USAFETAC/DS-79/060

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

OFFUTT AFB NE WBA# 14949
N 41 07 W 095 55 FLD ELEV 1048 FT OFF WMO # 72554

PARTS A-F

FOR FROM HOURLY OBS: DEC 68 - NOV 78
FOR FROM DAILY OBS: DEC 48 - NOV 78

JUN 21 1979

FEDERAL BUILDING
ASHEVILLE, N. C.

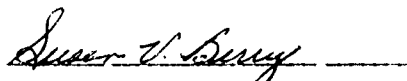
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 79/060	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Offutt AFB, Omaha, Nebraska It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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

* Nebraska

* Offutt AFB NE

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

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ENVIRONMENTAL TECHNICAL
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY 14949	STATION NAME OFFUTT AFB NE/OMAHA	LATITUDE N 41 07	LONGITUDE W 095 55	FIELD ELEV (FT) 1048	CALL SIGN OFF	WMO NUMBER 72554
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARD	
1	Offutt Fld, Omaha, NE	AAF	Jan 48	May 48	N41 07	W095 54	1049	1046	24
2	Offutt AFB, Ft Crook, NE	AFB	Jun 48	Feb 49	Same	Same	Same	1023	24
3	Offutt AFB, Omaha, NE	Same	Mar 49	Feb 62	Same	Same	Same	Same	24
4	Same	Same	Mar 62	Dec 70	Same	W095 55	1047	1030	24
5	Same	Same	Jan 71	Aug 77	Same	W095 54	Same	Same	24
6	Same	Same	Sep 77	Jun 78	Same	Same	1048	Same	24
7	Same	Same	Jul 78	Feb 79	Same	W 095 55	Same	1078	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	Mar 48	Located on control tower.	Selwyn	N/A	57 ft	
2	Apr 54	Located on a Radar tower next to the weather station.	GMQ-1	N/A	65 ft	
3	Apr 55	Located 10 ft S of bldg 29.	Same	MI-204B	58 ft	
4	Jul 57	Located 300 ft N of intersection of runways 12-30 and 03-21.	GMQ-11	RO-2	15 ft	
5	Mar 60	Located 550 ft N of intersection of runways.	Same	Same	10 ft	
6	Feb 64	1. Located 500 ft SW of centerline and 600 ft NW of end of runway 30. 2. Located 350 ft NE of centerline and 1000 ft SE of active runway 12.	Same	Same	13 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Dec 70	1. Located 550 ft SW of centerline and 2622 ft from end of runway 30.	GMQ-20	RO-362	13.5ft	
		2. Located 350 ft NE of centerline and 1450 ft from end of runway 12.	Same		13 ft	
8	Feb 79	1. Same	Same	Same	Same	
		2. Same	Same		Same	

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A

PART A

WEATHER CONDITIONS

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

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

A percent value of ".0" in these tables indicates less 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 thunderstorm, tornado, and waterspout.

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 DEPUTT AFB NE 9-78 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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		1.1	2.4	9.4		12.6	12.6	4.7	2.2		17.1	930
	03-05		.4	2.4	9.4		11.8	14.1	6.2	1.5		17.7	930
	06-08		1.2	1.2	12.0		14.0	14.9	7.3	1.7		19.2	930
	09-11		.8	.6	11.3		12.6	13.5	11.0	1.4		21.7	930
	12-14		1.6	.5	8.2		10.0	9.6	8.2	1.3		16.7	930
	15-17		1.5	.8	8.8		10.6	7.7	5.8	1.7	.1	13.7	930
	18-20		1.6	1.0	8.9		10.9	8.5	5.4	1.7		13.3	930
	21-23		1.7	1.4	9.2		12.3	10.8	4.3	1.9		14.1	930
TOTALS			1.2	1.3	9.7		11.9	11.5	6.6	1.7	.0	16.7	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 OFFUTT AFB NE 69-76 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR H. F.E	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		1.7	.2	11.1		12.8	12.6	4.5	1.3		15.0	446
	03-05	.2	2.8	.6	9.7		12.3	16.9	4.4	1.3		19.5	446
	06-08	.2	2.8	.5	9.6		12.4	20.4	4.6	1.2		23.8	446
	09-11		2.2	.6	10.6		12.5	16.2	7.9	2.1		21.9	446
	12-14	.1	2.0	.4	8.5		10.3	9.1	5.3	1.9		14.8	446
	15-17		2.0	.5	8.3		10.0	9.2	5.9	2.1	.1	14.9	446
	18-20		1.9	.8	9.2		10.4	10.5	6.4	1.7	.1	15.2	446
	21-23		2.2	.6	9.3		11.6	11.5	5.4	1.9		15.6	446
TOTALS		.1	2.2	.5	9.4		11.5	13.4	5.8	1.7	.0	17.7	6766

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 DEWITT AFB TX 09-70 MAC
STATION NAME STATION YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAK	00-02	.4	6.9	.1	5.9		12.0	12.2	4.2	.2	.1	14.6	930
	03-05	.4	6.7	.2	5.8		12.0	17.3	3.9	.3		19.0	930
	06-08	.2	7.0	.2	6.5		13.0	21.9	3.9	.4		23.9	930
	09-11	.2	5.7	.5	6.7	.1	12.3	18.0	4.8	.9		21.1	930
	12-14		6.1		5.2		10.9	11.9	4.1	1.0		15.7	930
	15-17	.4	8.4	.5	5.3		13.7	9.6	2.5	.5		12.3	930
	18-20	.2	7.2	.9	3.8		11.2	8.6	3.3	.2		11.9	930
	21-23	.2	6.9	.1	4.1		10.9	9.0	3.0	.5		11.5	930
TOTALS		.3	6.9	.3	5.4	.0	12.0	13.6	3.7	.5	.0	16.3	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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	1.8	10.1		1.4		11.3	7.8	1.7	.3		8.7	900
	03-05	2.0	8.7	.1	2.0		10.4	10.7	3.4	.6		12.8	900
	06-08	1.9	9.1		1.7		10.6	12.8	3.4	.4		14.8	900
	09-11	1.0	7.8		1.7		9.4	7.4	2.6	.6		9.4	900
	12-14	.9	7.7		1.7		9.3	5.0	2.1	.6		6.9	900
	15-17	.9	8.2	.1	1.7		9.7	4.0	2.3	.7		6.1	900
	18-20	2.3	9.0	.1	1.9		10.7	4.2	3.0	.6		6.6	900
	21-23	2.7	13.6		1.4	.1	14.7	4.3	2.4			6.2	900
TOTALS		1.7	9.3	.0	1.7	.0	10.8	7.0	2.6	.5		8.9	7200

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 STATION DEPUTT AFB NE STATION NAME 6-78 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	3.9	10.5				10.5	5.6	1.1			5.9	930
	03-05	4.0	9.8				9.8	12.4	1.5			13.0	930
	06-08	1.9	8.3				8.3	14.6	4.0			16.7	930
	09-11	1.5	6.5				6.5	5.5	3.4			8.3	930
	12-14	1.3	7.4				7.4	2.2	2.0			4.2	930
	15-17	3.7	9.2			.1	9.2	1.9	.2			2.2	930
	18-20	4.4	9.8				9.8	3.0	.5			3.4	930
	21-23	4.9	9.8				9.8	3.1	.4			3.4	930
TOTALS		3.2	8.9			.0	8.9	6.0	1.6			7.1	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	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	4.1	5.3				5.3	2.0	1.4			2.7	900
	03-05	4.3	5.1			.1	5.1	6.1	1.7			6.3	900
	06-08	1.6	4.1				4.1	6.0	3.1			7.3	900
	09-11	.6	2.0				2.0	2.4	3.6			4.8	900
	12-14	1.9	3.0				3.0	1.2	1.8			3.0	900
	15-17	1.7	3.3			.1	3.3	.7	.9			1.6	900
	18-20	2.8	3.9				3.9	.6	1.1			1.7	900
	21-23	4.0	5.3				5.3	.2	1.3			1.9	900
TOTALS		2.6	4.0			.0	4.0	2.5	1.9			3.7	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 OFFUTT AFB NE 69-78 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	6.7	6.5				6.5	2.8	2.5			4.3	929
	03-05	7.0	7.3				7.3	7.0	2.8			8.0	930
	06-08	3.3	6.3				6.3	8.7	5.1			10.3	930
	09-11	1.4	3.8				3.8	2.4	3.2			4.7	929
	12-14	1.5	2.9				2.9	.6	1.5			2.0	930
	15-17	2.4	3.1				3.1	.2	1.1			1.3	930
	18-20	3.0	3.2				3.2	.2	1.1			1.2	930
	21-23	5.4	4.9				4.9	.9	1.8			2.6	930
TOTALS		3.8	4.8				4.8	2.9	2.4			4.3	7438

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 STATION DEFTT AFB NF STATION NAME 49-78 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	4.4	5.4				5.4	5.6	4.2			3.0	930
	03-05	4.0	6.8				6.8	11.2	4.3			13.5	930
	06-08	2.8	5.2				5.2	17.7	9.1			22.0	930
	09-11	1.7	3.4				3.4	6.3	8.4			12.4	930
	12-14	1.7	3.1				3.1	1.7	5.3			6.0	930
	15-17	1.6	3.1				3.1	.8	3.0			3.4	930
	18-20	2.2	3.0				3.0	1.4	3.5			4.5	930
	21-23	3.7	3.7			.1	3.7	2.3	4.3			5.4	910
TOTALS		2.8	4.2			.0	4.2	3.9	5.3			9.4	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 OFFUTT AFB NE 09-78 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02	5.0	7.3				7.3	8.8	2.1			9.9	900
	03-05	2.8	8.7				8.7	13.2	1.6			13.8	900
	06-08	1.7	8.1				8.1	20.7	4.4			22.0	900
	09-11	1.0	7.7				7.7	9.6	3.6			11.9	900
	12-14	1.1	6.1				6.1	3.0	1.9			4.3	900
	15-17	1.1	7.2				7.2	2.2	1.3			3.2	900
	18-20	2.3	6.9				6.9	3.0	.9			3.8	900
	21-23	2.4	7.2				7.2	3.8	1.6			4.9	900
TOTALS		2.2	7.4				7.4	8.0	2.2			9.2	7200

4 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 DEWITT AFB TX 69-78 09-78
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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.
01	00-02	1.9	8.6		.2		8.6	9.9	1.3			10.5	930
	03-05	1.2	8.6		.4		8.7	14.5	1.7			15.3	930
	06-08	.8	7.2		.6		7.7	18.5	2.0			19.5	930
	09-11	.3	8.4		.6		9.0	13.1	3.5			14.9	930
	12-14		7.4		.6		7.6	7.2	1.9			8.7	930
	15-17	.4	7.6		.1		7.6	7.5	1.4			8.9	930
	18-20	.6	6.7				6.7	7.1	1.3			8.3	930
	21-23	1.0	8.0		.1		8.0	7.8	1.5			9.0	930
TOTALS		.8	7.8		.3		8.0	10.7	1.8			11.9	7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 STATION OFFUTT AFB NE STATION NAME 49-70 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.3	7.1	.6	5.7		13.0	12.9	1.2	.2		13.4	900
	03-05	.3	7.0	.2	6.6		13.2	15.2	1.3	.3		16.1	900
	06-08	.2	6.0	.1	5.9		11.9	21.1	2.4	.4		22.2	900
	09-11	.1	6.1	.3	6.3		12.6	18.2	3.0	.6		20.1	900
	12-14	.3	5.6	.3	6.2		11.7	14.4	2.7	.4		16.3	900
	15-17		7.2	.1	4.3		11.3	12.3	1.8	.7		13.4	900
	18-20		7.5	.1	5.8		12.7	12.3	.6	.7		13.3	897
	21-23	.1	6.6		6.0		12.5	11.1	1.4	.9		13.5	897
TOTALS		.2	6.6	.7	5.9		12.4	14.7	1.8	.5		16.0	7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 STATION DEPUTI AFB NE STATION NAME 68-77 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02	.1	1.9	1.1	8.8		11.7	18.0	4.4	1.3		21.5	930
	03-05		2.5	2.3	10.3		14.2	22.8	4.8	.5		24.7	930
	06-08	.1	2.0	2.3	10.6		13.8	22.8	4.4	1.2		25.3	930
	09-11		1.9	1.1	10.4		13.3	21.8	5.2	2.2		26.6	930
	12-14	.1	3.0	.4	9.2		12.4	15.2	4.0	2.3		20.2	930
	15-17	.1	2.7	1.5	8.7		12.0	14.5	4.7	1.5		19.4	930
	18-20		3.1	1.4	9.5		13.3	15.5	5.5	1.4		20.2	930
	21-23		2.4	1.3	10.2		13.5	14.8	4.2	1.7		19.0	930
TOTALS		.1	2.4	1.4	9.7		13.0	18.3	4.7	1.5		22.1	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 DEPUTT AFB NE 08-76 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		1.2	1.3	9.7		11.9	11.5	6.6	1.7	.0	16.7	7440
FEB		.1	2.2	.5	9.4		11.5	13.4	5.8	1.7	.0	17.7	6768
MAR		.3	6.9	.3	5.4	.0	12.0	13.6	3.7	.5	.0	16.3	7440
APR		1.7	9.3	.0	1.7	.0	10.8	7.0	2.6	.5		8.9	7200
MAY		3.2	8.9			.0	8.9	6.0	1.6			7.1	7440
JUN		2.6	4.0			.0	4.0	2.5	1.9			3.7	7200
JUL		3.8	4.8				4.8	2.9	2.4			4.3	7438
AUG		2.8	4.2			.0	4.2	5.9	5.3			9.4	7440
SEP		2.2	7.4				7.4	8.0	2.2			9.2	7200
OCT		.8	7.8		.3		8.0	10.7	1.8			11.9	7440
NOV		.2	6.6	.2	5.9		12.4	14.7	1.8	.5		16.0	7194
DEC		.1	2.4	1.4	9.7		13.0	18.3	4.7	1.5		22.1	7440
TOTALS		1.5	5.5	.3	3.5	.0	9.1	9.5	3.4	.5	.0	11.9	87640

PART A

ATMOSPHERIC PHENOMENA

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

14949 STATION DEWITT AFB TX STATION NAME 48-78 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	DAILY	.2	14.4	8.2	39.6	.1	46.1	35.7	26.6	9.5	.1	48.9	930
FEB		1.8	20.2	7.0	35.4	.4	45.2	36.8	25.0	7.6		47.1	847
MAR		5.4	29.0	3.2	31.1	.9	49.5	31.7	18.1	6.6	.2	40.4	930
APR		15.0	43.1	.3	6.6	3.1	45.1	26.4	12.3	.8	.1	30.2	900
MAY		26.3	51.3		.3	3.2	51.4	22.3	10.1		.3	25.3	930
JUN		32.4	47.1			2.9	47.1	15.1	6.4			17.7	900
JUL		28.3	41.9			1.1	41.9	19.0	11.4			21.9	930
AUG		29.1	41.0			1.0	41.0	26.2	15.7			30.8	930
SEP		18.7	39.6		.1	.1	39.6	30.9	15.0			34.5	899
OCT		9.0	30.2		1.6	.4	30.3	25.4	13.7			29.8	930
NOV		2.2	24.7	2.0	19.6		37.3	30.0	15.8	2.0		35.8	900
DEC		.5	16.7	6.8	31.0		39.9	35.6	20.6	5.4		43.4	929
TOTALS		14.1	33.3	2.3	13.8	1.1	42.9	27.9	15.9	2.7	.1	33.8	10955

U S AIR FORCE
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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

- B**
- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
 - * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

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

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

Continued on Reverse Side

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

4 GLOBAL CLIMATOLOGY BRANCH
 0 USAF/ETAC
 0 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS
 PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

14949 STATION DIRPUTI APB NF STATION NAME 2-71 YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
	SNOWFALL	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	50.1	20.1	3.0	5.3	3.3	5.4	1.2	1.1	.2					20.8	930	.95	3.30	.02	
FEB	53.4	25.5	3.0	5.2	2.1	5.5	1.0	.7	.2					21.7	847	1.04	2.62	.02	
MAR	49.0	25.7	3.0	5.7	3.4	5.7	2.3	2.1	1.0	.1				24.7	934	1.90	4.14	.17	
APR	53.0	17.0	2.2	5.7	4.0	5.8	2.2	4.2	2.2					24.4	900	2.81	5.90	.25	
MAY	47.4	19.5	3.2	5.3	3.4	7.0	0.7	4.7	3.2	.4	.1			33.1	934	4.37	17.04	.94	
JUN	52.1	15.6	1.4	5.0	2.7	5.1	0.6	5.3	3.4	.3				37.3	900	4.39	17.04	.37	
JUL	50.1	17.2	2.4	4.3	3.3	4.2	4.2	4.4	3.0	.4	.1			26.4	930	3.75	13.37	.23	
AUG	57.1	11.3	2.0	5.2	3.5	5.5	4.2	5.1	3.2	.6				30.9	930	4.79	19.60	1.00	
SEP	52.0	14.0	1.4	4.2	2.3	5.7	4.3	3.7	3.2	.4				26.4	900	3.54	17.41	.62	
OCT	60.1	13.0	1.2	3.0	1.4	4.0	2.3	2.7	1.0	.1				15.7	930	1.99	5.14	.01	
NOV	62.0	21.4	2.7	3.3	2.6	3.3	1.0	1.7	1.0					16.6	900	1.30	4.67	.02	
DEC	54.1	22.2	3.0	5.5	3.1	3.8	2.4	1.0	.2					19.2	930	.87	2.65	.10	
ANNUAL	50.0	19.0	2.0	5.0	3.1	5.1	2.0	3.2	1.4	.2	.0			26.0	1057	3.33			

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
48												.26	
49	1.59	.97	.93	.81	.99	2.45	.82	1.63	1.65	.81	.03	.12	2.45
50	.20	.47	.26	.80	2.69	.40	5.33	1.84	.68	1.23	.20	.04	5.33
51	.23	1.13	.78	1.61	1.65	2.17	1.22	1.98	.72	.35	.51	.53	2.17
52	.25	.52	.94	1.12	1.44	.85	.69	3.53	.49	TRACE	1.55	.45	3.53
53	.22	.43	.65	.57	.25	1.23	.52	1.22	.67	.23	1.87	.89	1.87
54	.12	1.84	.27	1.01	1.00	.94	.46	2.84	.66	1.01	.02	.10	2.84
55	.64	.44	.32	1.70	.74	.69	.62	1.64	1.62	.52	.07	.08	1.70
56	.23	.30	.09	.65	.52	1.37	1.53	.86	2.59	.25	1.35	.18	2.59
57	.55	.15	1.58	.85	1.78	1.54	3.12	1.15	1.25	1.25	.64	.20	3.12
58	.45	.23	.24	.85	.37	.45	4.29	1.25	1.36	.18	.10	.27	4.29
59	.36	.29	1.10	1.78	1.50	1.05	.73	3.29	1.08	.84	.10	.62	3.29
60	.72	.50	.45	.70	1.46	1.02	1.14	2.67	1.08	1.15	.10	.12	2.67
61	.20	.25	1.30	.94	.82	1.13	1.75	2.24	1.89	1.85	1.07	.46	2.24
62	.22	.44	.40	.33	4.31	1.20	2.07	.94	3.61	.70	.36	.18	4.31
63	.17	.15	3.00	1.11	.80	1.82	3.54	.79	1.49	.19	.19	.17	3.54
64	.25	.14	.81	1.18	2.40	1.98	1.46	2.37	2.22	.26	.73	.43	2.40
65	.15	.66	.46	1.71	1.85	3.31	2.21	1.62	4.96	.58	.84	.48	4.96
66	.41	.31	.9	.35	.65	.74	1.52	.76	.66	.10	.23	.33	1.52
67	.63	.04	.31	.81	1.65	4.89	1.64	.50	1.78	.85	.16	.37	4.89
68	.25	.06	.18	.64	1.07	.68	1.15	1.04	2.20	3.40	.56	1.06	3.40
69	.73	.45	.54	1.16	1.28	1.12	1.82	1.49	.53	1.15	.03	1.19	1.82
70	.01	.23	.22	.84	1.59	1.36	1.39	2.57	1.99	1.16	.32	.49	2.57
71	.99	1.00	.18	.24	6.57	2.04	.81	.98	.48	1.25	1.89	.72	6.57
72	.50	.43	.14	1.21	2.60	.83	.95	1.01	2.68	2.13	1.70	.63	2.68
73	.63	.60	2.41	1.43	1.74	.62	2.29	.35	2.14	2.48	1.17	.69	2.48
74	.30	.22	.32	1.10	1.27	.46	.11	1.99	.49	1.08	.75	.47	1.99
75	1.55	.49	1.94	.61	1.23	1.55	.40	1.32	.71	.02	.94	.08	1.94
76	.18	.40	.54	1.23	1.27	1.35	.60	.69	1.25	.25	.04	.16	1.35
77	.29	.15	1.55	.67	1.47	1.24	1.36	2.75	1.13	1.39	1.29	.25	2.75
MEAN													
S D													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE
STATION STATION NAME

48-78
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ALL MONTHS
78	.21	.70	.67	1.52	1.53	1.37	2.63	1.37	1.18	.79	.39		
MEAN	.441	.460	.756	.984	1.616	1.405	1.606	1.623	1.508	.918	.640	.401	1.009
S D	.379	.376	.711	.417	1.231	.923	1.195	.840	1.012	.780	.596	.295	1.254
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

14949 OFFUTT AFB NE

48-78

(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
48												.91	
49	3.30	1.46	1.99	1.32	2.92	9.98	1.74	2.04	3.01	1.79	.03	.26	29.84
50	.61	1.51	.69	2.05	6.59	.87	9.01	5.02	.89	2.51	.46	.10	30.30
51	.60	1.47	3.00	6.90	5.00	7.07	4.24	5.44	1.79	1.33	.57	1.78	39.19
52	.29	1.45	4.10	2.75	3.77	3.89	2.39	8.50	1.17	TRACE	3.06	1.20	32.57
53	.78	.92	2.37	2.14	.98	4.86	2.12	1.51	.68	.33	2.24	1.07	20.00
54	.23	2.62	.74	2.48	3.10	2.85	1.10	9.89	.82	2.04	.02	.14	26.03
55	1.48	1.41	.59	2.74	1.51	2.60	1.18	1.78	2.20	.63	.17	.19	16.48
56	.81	.54	.17	1.34	1.32	5.07	5.02	3.03	3.32	.84	2.56	.28	24.30
57	.68	.17	2.02	2.15	4.13	6.67	4.77	5.11	2.79	4.58	2.25	.64	35.96
58	1.01	.64	.43	2.73	1.62	1.25	13.37	3.41	4.03	.18	.21	.27	29.15
59	1.01	.79	3.81	2.86	8.62	4.21	.83	10.60	2.27	2.16	.28	1.11	38.55
60	1.62	1.51	2.09	1.30	4.14	4.16	2.38	6.60	1.95	1.31	.12	.13	27.31
61	.33	.82	2.76	1.22	2.40	3.63	2.91	5.29	5.78	2.76	2.15	1.23	31.24
62	.44	1.73	.95	.63	6.19	2.92	9.00	2.17	6.26	2.36	.98	.86	34.49
63	.61	.50	5.48	2.94	1.77	5.09	4.15	3.07	3.66	.25	.48	.36	28.46
64	.45	.33	1.77	3.23	5.26	8.70	3.34	6.75	4.41	.52	1.18	.72	36.66
65	.45	1.81	1.09	4.04	6.82	8.33	4.79	3.26	12.41	.84	1.15	.90	45.99
66	.73	.53	.53	.65	1.77	3.70	4.76	2.41	1.84	.23	.27	.40	17.82
67	.96	.13	.75	3.33	4.20	17.08	2.11	1.47	5.32	2.53	.28	1.15	39.31
68	.33	.06	.27	3.70	3.66	2.06	2.34	4.39	5.45	6.14	1.49	2.10	31.99
69	1.55	1.02	1.26	3.77	4.69	4.00	4.59	3.16	1.32	3.20	.07	1.90	30.53
70	.03	.43	.58	2.70	2.77	1.59	5.77	4.10	5.83	4.37	1.08	.53	31.78
71	1.36	1.96	.51	.56	12.85	2.70	1.95	2.50	.62	4.26	4.62	1.06	34.95
72	.70	1.05	.50	5.48	7.03	1.39	4.10	2.55	4.30	3.58	4.67	2.06	37.36
73	2.20	1.38	8.16	5.14	6.95	1.79	5.91	1.19	7.86	3.40	1.74	2.65	48.37
74	1.08	.45	1.04	2.59	3.54	1.30	.25	4.43	.75	2.03	1.41	.97	19.84
75	2.92	1.39	2.83	2.72	3.91	3.90	.94	5.07	1.83	.03	2.63	.18	28.35
76	.40	1.48	1.68	3.47	3.96	2.64	1.61	1.06	2.93	.85	.04	.31	20.42
77	.99	.16	3.64	1.84	4.97	2.48	4.10	8.77	4.28	3.42	1.71	.54	36.90
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE 48-78
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB.	MAR	APR	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
78	.47	1.45	1.29	5.50	4.73	3.02	5.82	4.05	6.09	1.10	1.27		
MEAN	.947	1.039	1.903	2.809	4.372	4.393	3.886	4.291	3.529	1.989	1.305	.867	31.179
SD	.759	.636	1.771	1.519	2.505	3.293	2.831	2.573	2.600	1.591	1.271	.676	7.853
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

4 GLOBAL CLIMATOLOGY BRANCH
 C USAF/TAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

14949 DEWITT AFB TX 26-73
 STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	02-03	04-10	11-25	26-50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	57.0	4.0	3.0	5.0	2.0	1.7	1.1	.6	.1	.1				14.6	930	4.3	27.4	1.0
FEB	6.0	27.7	3.7	4.0	7.1	1.3	.5	.5	.1					13.3	947	6.8	74.9	TRACE
MAR	82.0	19.2	3.0	4.3	2.4	.8	1.1	.4	.1	.1				12.7	931	0.1	21.4	.0
APR	93.2	4.0	1.1	.9	.2	.2	.1							2.7	909	.0	3.0	.0
MAY	99.7	.2					.1							.1	930	.1	4.0	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	99.0	.1													930	TRACE	TRACE	.0
OCT	94.0	1.0		.1	.1									.2	930	.1	2.3	.0
NOV	79.0	19.1	1.0	1.2	.8	.3	.2	.4	.1	.1				4.0	900	2.9	16.0	1.0
DEC	67.0	19.4	3.0	4.0	1.5	1.2	.2	.4	.1	.1				12.0	930	3.7	21.4	.1
ANNUAL	85.0	9.0	1.2	1.2	.6	.5	.2	.2	.1	.0	.0			5.2	11,957	30.8		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOWFALL

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS	
48												3.0		
49	10.4	9.3	2.0	3.5	.0	.0	.0	.0	.0	.0	TRACE	2.2	10.4	
50	3.9	4.1	2.0	.6	.0	.0	.0	.0	.0	.0	1.2	.4	4.1	
51	2.3	.3	5.0	2.3	.0	.0	.0	.0	.0	.0	.3	4.2	5.0	
52	4.2	3.0	5.0	1.0	.0	.0	.0	.0	.0	.0	6.2	4.7	6.2	
53	2.7	2.2	4.0	TRACE	.0	.0	.0	.0	.0	.0	.7	.6	4.0	
54	1.6	TRACE	1.0	.0	TRACE	.0	.0	.0	.0	TRACE	TRACE	1.0	1.0	
55	4.4	3.6	3.1	.0	.0	.0	.0	.0	.0	.0	.9	1.4	4.4	
56	3.0	3.4	.6	TRACE	.0	.0	.0	.0	.0	.0	8.1	1.7	8.1	
57	6.0	.2	7.0	.4	.0	.0	.0	.0	.0	TRACE	5.0	2.0	7.0	
58	4.5	2.0	2.4	.0	.0	.0	.0	.0	.0	.0	1.0	2.7	4.5	
59	3.6	1.3	5.0	TRACE	.0	.0	.0	.0	.0	.0	1.6	4.0	5.0	
60	4.0	5.2	4.7	.3	.0	.0	.0	.0	.0	.0	TRACE	1.0	5.2	
61	2.0	2.2	2.0	TRACE	.0	.0	.0	.0	TRACE	.0	3.0	6.0	6.0	
62	3.2	3.5	1.0	.2	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	3.5	
63	4.8	1.2	11.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.5	11.4	
64	3.5	1.3	3.6	.0	.0	.0	.0	.0	.0	.0	4.0	2.0	4.0	
65	4.2	19.0	4.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	19.0	
66	.7	1.2	2.1	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	3.6	3.6	
67	1.5	.1	TRACE	1.1	4.0	.0	.0	.0	.0	TRACE	TRACE	3.3	4.0	
68	2.2	.6	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	5.3	1.0	5.3	
69	4.2	4.6	.2	.0	.0	.0	.0	.0	.0	TRACE	.2	12.0	12.0	
70	2.7	1.2	1.5	.3	.0	.0	.0	.0	.0	.0	2.3	TRACE	.4	2.7
71	11.0	10.3	2.5	.3	.0	.0	.0	.0	.0	.0	.0	6.0	1.3	11.0
72	1.0	4.3	2.0	.7	.0	.0	.0	.0	.0	TRACE	11.7	6.0	11.7	
73	6.3	3.6	.0	2.7	.0	.0	.0	.0	.0	.0	1.3	7.1	7.1	
74	3.0	1.8	2.3	.1	.0	.0	.0	.0	.0	.0	1.5	3.1	3.1	
75	15.5	4.7	2.4	2.5	.0	.0	.0	.0	.0	.0	3.0	.1	15.5	
76	1.8	4.5	3.5	.0	.0	.0	.0	.0	.0	.0	1.3	.4	1.1	4.5
77	3.0	TRACE	3.3	1.5	.0	.0	.0	.0	.0	.0	2.0	2.5	3.3	
MEAN														
S D														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
78	2.1	8.0	3.6	TRACE	.0	.0	.0	.0	.0	.0	2.2		
MEAN	4.11	7.56	2.91	.58	.13	.00	.00	.00	TRACE	.12	2.19	2.78	6.66
S. D.	3.164	3.929	2.359	.959	.730	.000	.000	.000	.000	.475	2.871	2.499	4.136
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE
STATION

48-78
STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS	
48												8.8		
49	17.7	14.5	2.9	3.5	.0	.0	.0	.0	.0	.0	TRACE	2.8	41.4	
50	8.9	7.4	6.8	1.0	.0	.0	.0	.0	.0	.0	1.2	1.0	26.3	
51	6.0	.3	8.2	3.8	.0	.0	.0	.0	.0	.0	.3	13.7	32.3	
52	4.2	5.0	16.8	1.0	.0	.0	.0	.0	.0	.0	6.6	11.9	45.5	
53	9.2	5.8	4.4	TRACE	.0	.0	.0	.0	.0	.0	.7	.6	20.7	
54	7.7	TRACE	2.8	.0	TRACE	.0	.0	.0	.0	TRACE	TRACE	1.4	6.9	
55	12.4	7.7	4.9	.0	.0	.0	.0	.0	.0	.0	1.9	2.1	29.0	
56	10.1	3.8	.6	TRACE	.0	.0	.0	.0	.0	.0	8.1	2.7	25.3	
57	7.0	.2	9.1	.6	.0	.0	.0	.0	.0	TRACE	9.3	5.5	31.7	
58	8.8	4.1	3.7	.0	.0	.0	.0	.0	.0	.0	1.0	2.7	20.3	
59	8.6	1.5	10.7	TRACE	.0	.0	.0	.0	.0	.0	2.0	4.4	27.2	
60	12.5	17.1	21.4	.4	.0	.0	.0	.0	.0	.0	TRACE	1.0	52.4	
61	3.6	5.3	4.0	TRACE	.0	.0	.0	.0	TRACE	.0	3.5	10.4	26.8	
62	4.3	9.9	2.3	.2	.0	.0	.0	.0	.0	TRACE	TRACE	5.3	22.0	
63	9.8	4.2	15.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.0	36.7	
64	4.8	3.0	9.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.4	25.2	
65	5.2	24.4	17.4	.0	.0	.0	.0	.0	.0	.0	.2	.9	48.1	
66	7.1	1.7	5.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	3.6	12.4	
67	5.3	.2	TRACE	1.1	4.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.9	15.5
68	7.7	.6	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	6.3	3.7	13.3	
69	7.9	9.1	.5	.0	.0	.0	.0	.0	.0	TRACE	.2	21.4	39.1	
70	1.5	7.2	3.3	.3	.0	.0	.0	.0	.0	2.3	TRACE	.6	12.2	
71	15.0	16.3	6.3	.3	.0	.0	.0	.0	.0	.0	8.5	4.3	50.7	
72	1.8	9.1	3.2	.7	.0	.0	.0	.0	.0	TRACE	14.0	9.2	38.9	
73	14.2	9.2	.0	5.8	.0	.0	.0	.0	.0	.0	1.3	20.6	53.1	
74	10.3	3.5	3.6	.1	.0	.0	.0	.0	.0	.0	3.2	7.0	27.7	
75	27.4	13.5	7.2	3.0	.0	.0	.0	.0	.0	.0	5.9	.1	57.1	
76	4.1	8.8	4.5	.0	.0	.0	.0	.0	.0	1.3	.4	2.6	21.7	
77	11.0	TRACE	3.3	2.3	.0	.0	.0	.0	.0	.0	2.0	5.7	24.3	
MEAN														
S. D.														
TOTAL OBS.														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

14947 OFFUTT AFB NE 48-78
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	4.7	16.4	5.4	TRACE	.0	.0	.0	.0	.0	.0	6.0		
MEAN	8.26	6.83	6.10	.80	.13	.00	.00	.00	TRACE	.12	2.89	5.08	30.44
S D.	5.580	6.226	5.481	1.435	.730	.300	.000	.000	.000	.475	3.617	5.417	13.587
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

4 GLOBAL CLIMATOLOGY BRANCH
 USAF STAL
 AIR WEATHER SERVICE/AMC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPT.
 (FROM DAILY OBSERVATIONS)

14940 DEWITT AFB TX 7-75
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-03	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01 0 4	0.5 1 4	1.5 2 4	2.5 3 4	3.5 4 4	4.5 6 4	6.5 10 4	10.5 15 4	15.5 25 4	25.5 50 4	OVER 50 4						
SNOW DEPTH	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	31.0	11.0	12.0	9.0	9.0	10.0	7.0	7.0						57.1	930				
FEB	40.0	14.0	9.0	6.0	5.0	10.0	8.0	7.0						57.7	847				
MAR	70.0	0.0	5.0	4.0	3.0	4.0	4.0	1.0						23.7	930				
APR	97.0	1.0	0.0	0.1	0.2									1.1	900				
MAY	99.0		0.1		0.1									0.2	930				
JUN	100.0														900				
JUL	100.0														930				
AUG	100.0														930				
SEP	100.0														900				
OCT	100.0														930				
NOV	87.0	5.0	2.0	1.0	0.0	2.0	0.0							7.0	900				
DEC	56.0	12.0	9.0	5.0	3.0	6.0	5.0							29.7	930				
ANNUAL	82.0	4.0	3.0	2.0	1.0	3.0	2.0	0.0						17.7	11957				

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE
STATION STATION NAME

48-78
YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV	DEC	ALL MONTHS
48												6	
49	11	15	1	0	0	0	0	0	0	0	0	3	15
50	4	7	2	TRACE	0	0	0	0	0	0	1	2	7
51	2	2	6	3	0	0	0	0	0	0	TRACE	10	10
52	7	2	9	1	0	0	0	0	0	0	6	7	9
53	4	2	4	0	0	0	0	0	0	0	1	1	4
54	2	0	2	0	0	0	0	0	0	0	0	1	2
55	7	8	4	0	0	0	0	0	0	0	1	1	8
56	8	7	1	0	0	0	0	0	0	0	7	2	8
57	6	2	9	1	0	0	0	0	0	0	9	3	9
58	5	4	1	0	0	0	0	0	0	0	1	TRACE	5
59	4	3	8	0	0	0	0	0	0	0	1	4	8
60	10	13	31	0	0	0	0	0	0	0	TRACE	1	31
61	2	5	2	0	0	0	0	0	0	0	4	11	11
62	6	10	10	TRACE	0	0	0	0	0	0	TRACE	2	10
63	5	5	12	0	0	0	0	0	0	0	0	5	12
64	5	1	4	0	0	0	0	0	0	0	4	3	5
65	4	19	8	0	0	0	0	0	0	0	0	1	19
66	1	0	3	0	0	0	0	0	0	0	0	6	6
67	6	0	0	0	3	0	0	0	0	0	0	4	6
68	4	1	0	0	0	0	0	0	0	0	5	3	5
69	4	8	2	0	0	0	0	0	0	0	TRACE	10	10
70	11	2	2	0	0	0	0	0	0	0	0	TRACE	11
71	12	12	6	0	0	0	0	0	0	0	6	3	12
72	1	5	2	TRACE	0	0	0	0	0	0	10	7	10
73	7	3	0	2	0	0	0	0	0	0	1	11	11
74	17	2	2	TRACE	0	0	0	0	0	0	1	3	17
75	19	14	7	3	0	0	0	0	0	0	5	1	19
76	2	5	3	0	0	0	0	0	0	0	TRACE	2	5
77	6	2	3	TRACE	0	0	0	0	0	0	1	3	6
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOW DEPTH

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE 48-78
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB.	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
78	4	16	10	0	0	0	0	0	0	0	2		
MEAN	6.2	5.8	5.1	.3	.1	.0	.0	.0	.0	.0	2.2	3.9	10.0
S. D.	4.326	5.318	5.964	.844	.548	.000	.000	.000	.000	.000	2.941	3.246	5.852
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SURFACE WINDS

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ALL MONTHS
48														
49														
50														
51														
52														
53														
54														
55														
56									NNW*42					
57	S	32NW	*32W	*24		SSE*42NN	36SE	28SSE*22			NN*35NW	43		
58	NW	31NW	30SSE	25WSW	46WNW	31S	37S	42N	28W	30SSE	32WNW	40NW	33	WSW 46
59	NNW	*30NNW	32NNE	45NW	34W	39EN	42W	36NNW	46SW	32NNW	38NW	35NW	38	NNW 46
60	S	31NNE	33NW	29NNE	32SW	43W	59NE	29N	50NE	28NNW	33SE	34NW	36	W 59
61	N	38NW	27NNW	32NNW	39S	33SE	36NNW	34WSW	*24W	42S	*35N	*36NNW	*33	W 42
62	NW	36N	38NNW	38NNW	38NNW	47NW	37S	*36NNE	*41NNW	31NNW	31NW	34NW	*44	WNW 47
63	NW	*32NNW	39SW	56NNW	47SW	*40SW	*34NNW	*58S	*25N	35S	31NNW	*38NW	53	NNW*58
64	S	35SSW	42NW	39NNW	48N	62SW	*48NNW	48W	36SSE	33NW	37NNW	52NNW	33	N 62
65	NW	52NW	34NNW	46NNW	35NNW	46S	42WSW	*28WSW	43SE	32NW	46NNW	35SSE	33	NW 52
66	W	33SSE	39NW	60NNW	37NNW	38NW	40NNW	47N	44NNW	30NW	43N	42NW	33	NW 60
67	NW	42NW	43S	49WSW	47NNW	40N	35S	29NNW	31W	40NW	40NW	31SSW	44	S 42
68	N	31NNW	43NNW	49NNW	44NNW	49S	4116/	38 9/	3220/	3529/	4514/	3922/	49	WNW 49
69	32/	4632/	3132/	4627/	3234/	6025/	6031/	32 1/	4234/	3832/	3331/	39 9/	28	34/ 60
70	28/	3834/	4132/	3123/	4823/	3524/	3229/	5832/	8031/	3835/	3634/	4126/	44	32/ 80
71	35/	4829/	3730/	4934/	4619/	3524/	3616/	3435/	2627/	3929/	4535/	3733/	32	30/ 49
72	29/	4031/	4734/	48 1/	3626/	41 8/	3626/	4533/	4225/	4136/	28 2/	3734/	36	34/ 48
73	36/	43 1/	3425/	4017/	5131/	3918/	3729/	46 7/	3213/	2919/	3216/	2631/	39	17/ 51
74	35/	3835/	4032/	3716/	4235/	3732/	3520/	3629/	3521/	3617/	3234/	33 1/	36	16/ 42
75	33/	5433/	4628/	4828/	3825/	4010/	3234/	44 1/	7536/	33 5/	3834/	4635/	36	1/ 75
76	30/	40 3/	4035/	4817/	5119/	3833/	4517/	27 3/	3015/	3022/	3436/	4033/	38	17/ 51
77	33/	4633/	4324/	4020/	4011/	3434/	3832/	3416/	3018/	4136/	3430/	5232/	37	30/ 32
MEAN														
S D														
TOTAL OBS.														

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

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

GLOBAL CLIMATOLOGY BRANCH
USAFFTAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE
STATION STATION NAME

48-78
YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
78	31/ 3837/	4034/	4432/	4030/	4326/	5026/	3215/	5113/	2936/	3634/	34		
MEAN	39.6	38.0	42.8	41.5	41.5	40.2	37.8	41.8	34.4	36.0	38.1	37.9	55.1
S D	6.878	5.417	8.784	6.071	8.140	7.834	8.355	5.038	4.523	5.326	6.604	6.222	10.880
TOTAL OBS	651	607	647	628	670	645	667	654	622	635	629	637	7692

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.3	5.5	1.9	.5	.2	.1					11.1	9.1
NNE	.2	.9	1.1	.2								2.4	7.3
NE	.2	.8	.9	.1								1.9	6.7
ENE	.2	.2	.3									.8	5.4
E	.5	1.0	.6	.2								2.4	6.1
ESE	1.0	1.0	1.4	.3								3.7	6.4
SE	.8	1.9	1.9	.4								5.1	6.7
SSE	1.3	2.3	1.9	1.4								6.9	7.3
S	1.6	3.4	1.2	.4								6.7	5.6
SSW	.3	.2	.1	.1								.8	5.1
SW	.6	.6	.3	.3								1.9	5.8
WSW	.2	.3	.2	.1								.9	5.9
W	1.0	.9	.3	.4	.1							2.7	6.4
WNW	.2	2.6	1.4	.8								4.9	7.0
NW	.6	2.8	4.5	3.7	1.2	.9						13.7	10.6
NNW	.4	2.2	2.6	3.2	1.4	.9	.3					11.0	12.2
VARBL													
CALM												23.4	
	9.8	23.2	24.3	13.7	3.2	1.9	.4					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.7	5.2	2.4	.4	.3						11.7	9.1
NNE	.3	1.0	.6	.6								2.6	7.5
NE	.3	.4	1.0	.1	.1							1.9	7.4
ENE	.3	.5	.2	.1								1.2	5.5
E	.9	.8	1.1	.5								3.2	6.8
ESE	.9	.8	.6	.2	.1							2.6	6.5
SE	1.1	2.8	2.4	.9								7.1	6.8
SSE	1.5	1.9	1.7	.6								5.8	6.3
S	1.3	2.4	1.1	.4								5.2	5.6
SSW	.1	.8	.2	.3								1.4	7.7
SW	.3	.6	.4	.2								1.7	6.5
WSW	.9	.4		.1								1.4	4.0
W	.9	.8	.6	.6	.1							3.1	7.3
WNW	1.1	2.0	2.5	.6	.4	.1						6.8	7.7
NW	1.0	2.9	3.0	2.2	.4	.5	.2					10.2	9.6
NNW	1.0	1.6	3.1	4.3	1.5	.1	.2					11.8	11.4
VARBL													
CALM												22.3	
	12.5	22.5	23.8	14.4	3.1	1.1	.4					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	3.1	4.1	2.8	.6	.1						11.3	9.2
NNE	.1	.8	1.5	.4	.1							2.9	8.4
NE	.6	1.3	.1	.1								2.2	4.9
ENE	.3	.9	.1	.3								1.6	6.3
E	1.0	.8	.4	.5								2.7	6.0
ESE	.6	1.1	.0	.9								3.2	7.0
SE	1.1	2.5	2.4	1.1	.2							7.2	7.1
SSE	1.1	2.6	2.2	.4								6.2	6.2
S	1.7	1.9	1.5	.4								5.6	5.4
SSW	.2	.4	.1	.1								1.1	4.9
SW	.5	.5	.6									1.7	5.3
WSW	.9	.4										1.3	3.1
W	.8	.6	.9	.3								2.6	6.4
WNW	.6	1.5	2.4	1.0	.5							6.2	9.2
NW	1.3	3.3	3.9	2.2	.4	1.0	.1					12.2	9.6
NNW	.6	1.4	2.2	3.2	.8	.3						8.7	10.9
VARBL													
CALM												23.5	
	12.0	23.3	22.9	13.8	2.7	1.0	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTT AF 0 NF
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	3.1	3.2	.8	.1						10.8	9.4
NNE	.4	1.0	.9	.2	.3							2.8	7.8
NE	.3	.9	.9	.2								2.3	6.6
ENE	.4	.6		.2								1.3	5.4
E	1.0	.5	.1	.1								1.7	4.0
ESE	.8	1.0	.5	1.1								3.3	7.6
SE	1.2	1.2	2.4	1.5	.2							6.5	8.0
SSE	1.0	2.0	2.5	1.0	.2							6.7	7.4
S	1.7	2.9	2.9	.6								8.7	6.3
SSW	.2	1.3	.2									2.0	4.5
SW	1.6	1.3	.6	.1								3.7	4.4
WSW	.6	1.4	.5									2.6	5.0
W	.8	1.5	1.1	.4								3.8	6.4
WNW	.4	1.8	2.6	2.4								7.2	9.1
NW	1.3	2.4	3.7	3.0	1.0	1.1						12.4	10.7
NNW	.5	1.5	2.9	3.2	1.7	.8						10.6	12.0
VARBL													
CALM												14.3	
	13.4	24.0	24.8	17.3	4.2	1.9						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
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	2.8	4.0	1.3							9.1	11.6
NNE	.6	.9	.4	.5	.1	.2						2.8	8.8
NE	.4	1.5	1.2	.4								3.5	6.8
ENE	.4	.6	.4									1.5	5.1
E	.2	.3	.2									.8	5.1
ESE	.1	.9	.5	1.1	.2							2.8	9.7
SE	.4	1.6	1.8	2.2								6.0	8.7
SSE	1.0	1.4	1.8	1.6	.1							6.1	8.5
S	1.0	3.7	4.2	1.1								9.9	7.1
SSW	.1	1.8	1.9	.9								4.7	7.6
SW	.6	1.3	1.2	.4								3.5	6.8
WSW	1.1	1.3	1.9	.4								4.7	6.4
W	.6	2.5	2.4	1.1	.2							6.8	7.8
WNW	.5	1.1	3.4	2.3	.8	.1	.3					8.5	11.0
NW	.6	2.9	2.3	6.2	2.0	1.0						15.1	12.1
NNW	.2	.5	1.6	3.5	1.3	1.1	.2					8.5	14.5
VARBL													
CALM												5.6	
	8.4	23.0	28.2	25.9	6.0	2.4	.5					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
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	3.0	3.3	.6	.2	.1					9.4	10.7
NNE	.4	1.0	1.1	.5		.1						3.1	7.9
NE	.5	2.0	1.2	.2	.1							4.1	6.4
ENE	.1	1.2	.1	.1								1.5	5.4
E	1.0	1.3	.2	.1								2.6	4.4
ESE	.4	1.3	1.5	.6								3.9	7.3
SE	.3	1.1	2.3	1.0	.2							4.8	8.8
SSE	.6	1.3	2.9	2.0	.1							7.0	8.6
S	1.0	2.6	4.4	1.1								9.0	7.5
SSW	.4	1.4	1.4	.1								3.3	6.0
SW	.4	1.6	1.5	.4								4.0	6.9
WSW	1.1	1.4	1.5	.6								4.6	6.6
W	.5	2.3	1.3	.5	.2							4.8	7.0
WNW	.1	1.0	2.6	2.2	.8	.2						6.8	10.9
NW	.3	1.8	3.7	4.0	2.2	1.3	.4					13.7	13.0
NNW	.4	1.0	1.9	3.7	1.8	1.0	.2	.1				10.1	13.7
VARBL													
CALM												7.3	
	8.3	23.7	30.5	20.5	6.0	2.6	.8	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 OFFUTT AFB NE STATION NAME OFFUTT AFB NE YEARS 69-78 MONTH JAN
 CLASS ALL WEATHER HOURS (LST.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.0	3.9	2.0	.9	.4						10.4	10.2
NNE	.9	2.0	1.0	.5								4.4	6.2
NE	.6	1.7	1.0	.1								3.4	5.9
ENE	.9	.8	.3									1.9	4.1
E	1.3	1.3	1.0	.3								3.9	5.3
ESE	.3	2.0	1.3	.3								4.0	6.5
SE	.9	2.3	1.0	1.0								5.1	6.7
SSE	.3	1.7	3.0	1.2								6.2	8.1
S	2.7	3.0	2.3	.1								8.1	5.2
SSW	.8	1.3	.3									2.4	4.6
SW	1.0	.6	.1									1.7	3.5
WSW	.9	.9	.2									1.9	4.2
W	1.6	1.2	.5	.2	.1	.1						3.8	5.5
WNW	.3	1.5	1.4	1.1								4.3	8.1
NW	.6	2.2	3.7	2.7	1.2	1.0	.2					11.5	11.6
NNW	.2	1.8	1.6	3.8	1.1	1.1		.1				9.7	13.1
VARBL													
CALM												17.2	
	13.7	76.4	22.5	14.1	3.2	2.6	.2	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	5.2	2.4	.4	.7						11.4	9.1
NNE	.4	1.5	1.0	.4								4.2	7.0
NE	.6	1.6	1.0									3.7	5.7
ENE	.2	.3										.5	3.4
E	1.2	1.5	1.2	.2								4.1	5.0
ESE	1.0	1.5	.6	.3								3.5	5.7
SE	.3	1.9	1.9	.0	.1							4.9	7.5
SSE	1.3	2.4	1.4	.4								5.5	5.9
S	2.0	2.0	2.0	1.4								8.6	6.5
SSW	.8	.6	.6									7.0	4.9
SW	.3	.1	.1	.4								1.0	8.0
WSW	.3	.5	.5	.2								1.6	6.5
W	.6	1.3	.5	.2		.1						2.8	6.2
WNW	.2	1.2	1.2	.6	.1							3.3	8.0
NW	1.0	3.0	3.4	3.1	1.1	.6	.5					13.4	10.6
NNW		1.4	2.3	3.7	1.6	.5						9.7	12.8
VARBL													
CALM												20.1	
	12.0	23.1	24.5	14.1	3.3	1.7	.5					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

4

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 DIFUTT AFB NE 69-78 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	4.1	2.6	.7	.2	.0					10.6	9.7
NNE	.4	1.1	1.0	.4	.1	.0						3.1	7.5
NE	.2	1.3	.9	.2	.0							2.8	6.3
ENE	.4	.6	.2	.1								1.3	5.2
E	.9	.9	.6	.3								2.7	5.5
ESE	.6	1.2	.9	.6	.0							3.4	7.0
SE	.8	1.9	2.0	1.1	.1							5.8	7.5
SSE	1.0	1.9	2.2	1.1	.1							6.3	7.3
S	1.7	2.7	2.5	.7								7.6	6.3
SSW	.4	1.0	.6	.2								2.2	6.0
SW	.7	.9	.6	.2								2.4	5.9
WSW	.7	.8	.6	.2								2.4	5.6
W	.8	1.4	1.0	.5	.1	.0						3.8	6.8
WNW	.4	1.6	2.2	1.4	.3	.1	.0					6.0	9.1
NW	.9	2.7	3.5	3.4	1.2	.2	.2					12.8	11.0
NNW	.4	1.4	2.3	3.0	1.4	.7	.1	.0				10.0	12.5
VARBL													
CALM												16.7	
	11.3	23.6	25.2	16.1	4.0	2.0	.4	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFUTT AFB NF
STATION NAME

69-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	4.3	3.1	.6	.1						11.2	10.0
NNE	.7	.9	1.1	.4	.4	.2						3.7	8.7
NE	.6	1.5	.2	.4		.1						2.8	6.3
ENE	1.4	1.5	.8									3.8	4.8
E	1.1	4.1	1.7	.4								7.2	5.7
ESE	.6	2.4	2.0	1.1								6.0	7.4
SE	.5	2.0	1.5	.1								4.1	6.3
SSE	1.5	1.8	1.4	.6								5.3	5.9
S	.8	.9	.6	.7								3.1	6.0
SSW	.2	.5										.7	4.2
SW	.1	.6	.6									1.3	6.7
WSW	.4	.5	.1	.1								1.1	4.9
W	.4	1.1	.2	.2								1.9	5.6
WNW	1.2	1.9	1.7	.6	.1	.5						5.9	7.8
NW	.8	3.3	3.0	.6	.5	.1						8.3	7.4
NNW	.6	1.2	2.6	4.4	1.5	.5						10.9	12.2
VARBL													
CALM												22.8	
	12.1	5.8	21.7	12.5	3.1	2.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DFWTT AFB TX
STATION NAME

69-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.8	3.2	2.8	.8	.4						10.3	2.8
NNE	.5	.7	1.2	.6	.2	.1						3.3	9.3
NE	1.2	1.4	.1									2.7	4.0
ENE	1.3	.9	.0									2.8	4.3
E	1.4	2.6	2.0	.6								5.6	6.2
ESE	.5	2.4	2.2	.6								5.7	7.0
SE	.6	1.7	1.8	.7	.1							4.8	7.4
SSE	.9	1.1	1.2	.7								3.9	6.6
S	.7	1.3	.8	.1								3.0	5.6
SSW	.5	.4										.8	2.9
SW	.4	.5	.2									1.1	5.4
WSW	.9	.4	.2									1.5	3.7
W	1.3	.9	.8	.1								3.2	5.3
WNW	.4	1.2	.9	.5	.2							3.5	7.8
NW	.8	4.3	3.4	1.2	.5	.1						10.3	7.5
NNW	.6	1.5	3.2	4.6	1.3	.1						11.3	11.2
VARBL													
CALM												25.1	
	13.2	23.3	22.0	12.5	3.2	.7						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.1	4.5	5.2	.5	.1						13.4	9.9
NNE	.5	.9	1.1	.4	.1	.1						3.1	8.1
NE	.2	2.0	.1									2.4	4.9
ENE	1.3	1.2	.7	.1								3.3	4.8
E	1.2	1.8	3.0	.2								6.1	6.6
ESE	.7	1.4	2.4	1.3								5.9	7.8
SE	.5	2.4	1.9	.5								5.2	6.5
SSE	1.3	1.2	.9	.1								3.5	5.1
S	1.4	1.1	1.1	.4								3.9	5.5
SSW	1.1	.5	.1									1.7	3.7
SW	.4	.4	.1									.8	3.9
WSW	.8	.9										1.6	3.6
W	.9	.9	.4	.1								2.4	5.1
WNW	.6	1.7	1.1	1.1	.4	.1						4.8	8.8
NW	.4	2.7	2.8	2.1	.4							8.4	8.6
NNW	.5	1.3	1.9	3.4	1.1	.2						8.4	11.5
VARBL													
CALM												25.1	
	12.6	22.5	22.0	14.9	2.4	.9						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

14949 OIFUTT AFB NE 69-78 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.2	4.6	5.4	1.3	.7						13.4	11.2
NNE	.2	1.3	1.3	1.1	.1							4.0	8.3
NE	.2	1.4	1.7	.4								3.7	7.5
ENE	.2	2.1	1.2	.2								3.8	6.2
E	.4	1.1	1.8	.7								3.0	7.6
ESE	.8	.6	1.8	1.9		.1						5.2	9.3
SE	.8	1.3	2.4	1.2	.1							5.8	8.0
SSE	.7	2.2	1.4	.7	.1							5.2	7.1
S	2.0	2.6	2.1	1.2								7.9	6.3
SSW	.9	.9	.9	.1								3.0	5.3
SW	.6	.7	.8		.1							2.2	6.1
WSW	.4	1.1	.9	.1								2.5	5.9
W	.3	1.2	1.2	.1								3.3	5.8
WNW	.2	2.2	1.5	1.5	.6	.4						6.5	9.6
NW	.6	1.4	2.2	3.7	.5	.4						9.0	10.9
NNW	.2	.1	2.5	5.0	.6	.4						8.7	12.6
VARBL												11.9	
CALM													
	10.0	21.5	26.4	23.3	3.4	1.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 69-78 FEB
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.9	4.8	4.4	1.7							13.0	11.0
NNE	.5	.7	.6	1.1								2.8	8.3
NE	.2	1.3	2.7	.4								4.6	7.7
ENE	.1	.9	1.1	.4								2.5	7.4
E	.4	1.3	1.7	.2	.1							3.7	7.5
ESE	.5	.6	1.1	1.1	.2							3.7	9.7
SE	.4	.8	2.2	2.7	.5							6.6	10.3
SSE	.7	1.4	2.4	1.1								5.6	7.8
S	.7	2.2	4.4	2.1								9.5	8.1
SSW	.2	.7	1.2	.8								3.0	8.2
SW	.5	2.1	2.5	1.1								6.1	7.4
WSW	.2	.7	1.7									2.6	6.9
W	.4	1.5	1.3	.6	.2							4.0	7.8
WNW	.5	1.2	2.6	1.4	.7	.2	.1					6.7	10.3
NW	.5	1.8	3.2	3.2	.7	.2	.1					9.7	10.5
NNW	.7	.9	3.1	5.7	1.9	.2	.4					12.4	13.2
VARBL													
CALM												3.5	
	6.1	20.2	30.4	26.4	6.0	.7	.6					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

67-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.4	5.0	5.2	.6	.5						13.7	11.1
NNE	.4	1.2	.8	1.1								3.4	8.2
NE	.2	.5	1.7	1.1								3.4	9.2
ENE	.6	1.7	1.4	.2								3.6	6.2
E	.4	1.8	1.4	.5								4.0	6.9
ESE	.4	.6	1.7	1.2	.1							4.1	8.9
SE	.5	1.2	1.9	1.6	.1							5.4	9.0
SSE	.1	1.3	1.7	2.2								5.3	9.5
S	1.2	2.6	3.3	1.2								8.3	7.2
SSW	.6	1.8	.7	.2								3.3	5.9
SW	.7	2.0	1.4	.7								4.8	6.7
WSW	.2	1.3	1.9	.5								3.9	7.5
W	.2	2.1	1.4	1.1	.1							5.0	8.0
WNW	.2	1.9	1.9	1.7	.4							6.0	9.3
NW	.2	2.0	3.5	3.0	1.1	.4	.4					10.5	11.5
NNW	.1	.5	3.2	5.3	2.2	.6						11.9	13.6
VARBL													
CALM												2.8	
	6.5	24.0	33.5	26.8	4.6	1.4	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

59-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.8	4.5	3.5	.5	.5						13.0	9.6
NNE	.4	1.7	1.3	.8	.5	.1						4.7	9.1
NE	1.2	1.4	1.4	.6	.1	.1						4.8	7.1
ENE	1.1	1.2	.5	.4								3.1	5.3
E	.4	3.0	2.4	.2								5.9	6.5
ESE	1.2	1.8	1.8	.4	.1							5.8	7.1
SE	.6	1.8	1.7	1.1								5.1	7.4
SSE	.6	2.1	1.5	1.4								5.9	7.1
S	2.2	1.8	.9	.2								5.2	4.2
SSW	.6	1.3	.4									2.2	4.6
SW	.5	.6	.1									1.2	4.0
WSW	.6	.2	.1	.1								1.1	4.6
W	.8	1.5	.2	.5								3.1	6.0
WNW	1.2	1.2	.2	.7	.4	.1						3.8	7.6
NW	.5	2.4	2.5	.6	.5	.5						6.9	8.9
NNW	.7	1.7	3.9	5.2	1.8	.2						13.5	11.5
VARBL													
CALM												14.8	
	13.7	26.4	23.4	10.3	3.9	1.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 DIFUTT AFB NC 69-78 FEB

STATION STATION NAME YEARS NORTH

ALL WEATHER 2100-2300

CLASS HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.1	3.9	3.7	.7	.4						11.3	10.4
NNE	.7	2.0	1.3	.0	.2	.2						5.3	8.4
NE	.5	1.5	1.2	.1	.1							3.4	6.4
ENE	.5	1.5	1.1	.1								3.2	6.0
E	1.2	2.0	2.2	.4								6.4	6.1
ESE	1.4	1.5	1.2	1.1	.2							5.4	7.2
SE	1.1	2.0	2.5	.4								6.5	6.2
SSE	.8	1.5	1.3	.7								4.4	7.1
S	1.1	1.8	.9	.8								4.6	6.3
SSW	.6	1.1	.2									1.9	4.9
SW	.2	.1										.4	2.7
WSW	.2	.4										.6	3.4
W	.4	.4	.1		.2							1.1	8.0
WNW	1.2	2.2	1.5	.2	.2	.4						5.8	7.3
NW	.4	3.4	2.2	1.7								7.7	7.6
NNW	.4	2.0	2.7	3.8	1.1	.5	.4					10.8	11.8
VARBL													
CALM												21.3	
	11.1	26.8	22.5	13.7	2.0	1.4	.4					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

4

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/VAC

SURFACE WINDS

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

14949 JIFUTT AFD NF 59-78 FEB

STATION STATION NAME YEARS MONTH

ALL WFT/THR ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.9	4.4	4.7	.8	.3						12.4	10.4
NNE	.7	1.2	1.1	.6	.2	.1						3.8	8.0
NE	.5	1.4	1.1	.4	.0	.0						3.5	6.8
ENE	.6	1.4	.9	.2								3.3	5.6
E	.0	2.3	2.0	.4	.0							4.5	6.3
ESE	.8	1.4	1.8	1.2	.1	.0						5.2	7.9
SE	.0	1.7	2.0	1.0	.1							5.5	7.7
SSE	.9	1.6	1.5	.9	.0							4.9	7.1
S	1.3	1.8	1.8	.6								5.7	6.5
SSW	.0	.9	.4	.1								2.1	5.5
SW	.4	.9	.7	.0	.0							2.7	6.4
WSW	.5	.7	.6	.1								1.9	5.7
W	.7	1.2	.7	.1	.1							3.0	6.6
WNW	.7	1.7	1.4	1.0	.4	.2	.0					5.4	8.7
NW	.2	2.7	2.7	2.0	.5	.2	.1					8.8	9.2
NNW	.4	1.2	2.9	4.7	1.4	.3	.1					11.0	12.2
VARBL													
CALM												15.9	
	10.7	23.8	26.2	18.3	3.7	1.2	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 676h

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DEPUTT AFB WF
STATION NAME

57-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.4	4.0	3.7	.1	.4	.1					10.9	10.1
NNE	.5	1.6	2.5	2.3								6.9	8.5
NE	1.4	1.6	1.5	.9	.1							5.1	7.3
ENE	.8	2.2	.6	.1								3.8	5.2
E	1.4	2.2	1.3	1.0								5.8	6.4
ESE	.4	4.3	2.4	1.1	.6							8.9	7.7
SE	.7	2.4	2.6	1.1								6.9	7.2
SSE	.2	.9	.9	.2								2.6	6.6
S	.6	1.2	1.3	1.2	.2							4.5	8.3
SSW	.3	.5	.5	.3								1.7	6.9
SW	.3	.2	.2	.1								1.2	6.6
WSW	.3	.1	.1	.1	.2							.9	9.3
W	1.0	.6	.6	.2		.1						2.8	7.6
WNW	.9	1.8	1.3	1.2	.5	.5						6.0	9.0
NW	1.2	2.3	3.1	2.2	.3		.1					9.1	8.8
NNW	.1	1.2	1.0	2.2	.8	.3	.1					5.6	12.8
VARBL													
CALM												17.5	
	10.4	25.4	24.3	17.1	2.9	1.4	.4					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

4
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFUTT AFB RF 67-78 MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0500

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.3	4.7	2.7	.8	.1	.1					11.1	9.9
NNE	1.0	1.2	2.0	1.1								5.3	7.7
NE	.8	1.7	1.2	1.0								4.6	7.5
ENE	.5	1.9	1.0	.5								3.8	5.9
E	.8	2.9	1.4	.9	.4							6.3	7.5
ESE	1.2	2.6	1.9	1.3	.3							7.3	7.5
SE	1.0	2.6	1.9	1.7	.2							7.4	8.0
SSE	.0	.8	1.1	.6	.1							3.2	7.9
S	.8	1.2	.8	.3		.1						3.1	6.4
SSW	.2	.5	.4	.1								1.3	6.5
SW	.1	.1	.1	.4	.1							.9	10.9
WSW			.1	.2	.2							.5	14.8
W	.4	.9	.5	.1	.1	.1	.1					2.3	9.4
WNW	.8	2.4	1.7	.9	.2	.2	.1					6.1	7.9
NW	1.5	2.8	2.9	2.5	.4	.2	.1					10.4	8.9
NNW	.4	1.2	1.2	3.0	.8		.1					6.7	11.4
VARBL													
CALM												19.7	
	10.4	24.9	23.0	17.0	3.7	.7	.4					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 14949 DTUTT AFB NE STATION NAME: YEARS: 69-78 MONTH: MAR

CLASS: ALL WEATHER MONTH: 0600-0800

CONDITION: HOURS (LST):

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.3	4.7	1.7	1.1	.1						10.2	9.7
NNE	.6	1.9	2.2	1.6	.2							5.9	7.9
NE	1.1	1.7	2.3	.6	.2							5.9	7.4
ENE	.4	1.6	1.0	.2	.1							3.3	6.6
E	.6	1.7	1.1	1.2								4.7	7.6
ESE	1.1	2.7	1.6	1.4	.1	.1						7.0	7.4
SE	.6	2.9	2.3	1.0	.4							7.2	7.9
SSE	.8	1.2	1.3	1.4	.3							4.9	8.3
S	.5	1.3	.8	.5		.3						3.4	8.3
SSW	.2	.1	.1									.4	4.5
SW	.2	.1										.3	3.0
WSW	.1	.2	.3	.1	.5							1.3	12.0
W	.5	.6	.5	.1	.1							1.9	6.3
WNW	.3	1.9	1.6	1.0	.2	.2	.3					5.6	10.0
NW	1.5	3.0	2.5	3.3	.2	.3		.1				11.0	9.0
NNW	.1	.6	1.8	4.6	.8	.3	.1					8.4	12.7
VARBL													
CALM												18.4	
	9.2	24.0	24.0	18.2	4.3	1.4	.4	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTI AFB AF

STATION NAME

59-78

YEARS

MAR

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	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	4.0	4.7	1.2	.5	.1					12.0	11.9
NNE	.2	1.2	2.9	1.2	.4							5.9	9.2
NE	.4	1.2	2.5	1.0	.2							6.1	9.5
ENE	.2	1.7	1.6	.0								4.5	7.5
E	.2	1.4	1.9	1.2	.2							4.9	9.0
ESE	.3	1.1	1.6	1.0	.5	.1						4.6	10.1
SE	.0	1.0	2.5	1.1	.6	.1						6.0	9.3
SSE	.4	1.4	2.5	1.6	.4	.2						6.5	9.7
S	1.1	2.5	2.3	2.4	.5							8.7	8.9
SSW	.2	.9	.8	.4		.2						2.5	8.5
SW	.2	.8	.5	.3	.2							2.0	8.3
WSW	.2	.6	.5	.3		.3						2.0	9.0
W	.4	.8	1.2	.4	.2							3.0	8.2
WNW	.0	1.1	1.6	1.3	.2	.4	.2					5.5	10.9
NW	.3	1.3	1.9	2.9	1.7	.5	.2					8.7	12.7
NNW	.3	.4	1.8	2.6	.8	.2						9.1	12.8
VARBL													
CALM												7.6	
	6.3	18.0	31.0	27.0	7.3	2.1	.5					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 SIFFT AF 14 NF 69-78 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L. T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	3.9	5.1	1.2	.4						17.2	11.9
NNE		.4	2.0	1.3	.2							4.0	9.8
NE	.3	1.3	2.0	2.4	.2	.1						6.3	9.8
ENE	.5	1.3	2.0	.5		.1						4.5	7.5
E	.4	1.1	1.7	1.0	.1							4.3	8.2
ESE		.3	1.0	.5	.5		.1					2.7	12.6
SE	1.0	1.4	3.0	1.6	.9	.1						8.0	9.4
SSE	.4	.8	2.5	1.3	.6	.1						5.7	10.4
S	.2	1.6	2.7	3.5	.5	.5	.1					9.5	11.4
SSW		.9	1.5	.6		.1						3.1	9.3
SW	.4	.8	1.4	1.3	.3							4.7	9.6
WSW	.3	1.0	1.7	.9	.2	.2						4.3	9.5
W	.3	.6	2.8	.8	.1	.1						4.7	8.7
WNW	.2	1.4	1.2	1.0	.3	.5						4.6	11.0
NW		.5	2.3	3.0	1.8	.3	.3					8.7	14.2
NNW	.3	.8	2.0	4.0	2.7	.3						10.1	13.5
VARBL													
CALM												3.1	
	4.9	15.3	24.0	28.9	9.8	3.4	.5					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

01FUTT AFJ HP
STATION NAME

69-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.6	4.3	3.7	1.0	.7	.1					10.6	11.3
NNE	.1	.9	2.3	2.4	.2	.2						6.0	10.7
NE	.2	1.4	2.4	1.1	.4							5.5	9.1
ENE	.2	1.4	1.6	.6								3.7	7.5
E	.6	1.0	1.0	.9	.1							4.2	7.8
ESE	.5	.8	1.3	1.3	.3							4.7	9.3
SE	.1	.8	2.4	2.7	.5							6.5	11.3
SSE	.8	1.5	1.6	2.4	.5							6.8	9.6
S	.6	1.0	3.3	2.3	1.0	.2						8.4	10.4
SSW	.2	1.3	.8	.7	.1							3.2	8.1
SW	.4	.6	1.2	1.2	.5	.7						4.2	10.9
WSW	.3	1.4	1.9	.6	.4	.1						4.8	9.2
W	.1	1.3	1.0	.3	.3	.7						3.9	9.3
WNW	.3	1.2	1.0	1.1	.3	.2						4.7	9.6
NW	.4	.8	2.0	3.9	1.5	.5	.2					9.4	13.0
NNW	.1	.8	2.3	5.5	2.2	.3						11.1	13.5
VARBL													
CALM												2.2	
	5.7	16.6	32.7	30.9	9.5	2.3	.4					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 69-78 MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.5	3.2	4.1	.4	.1	.3					11.7	10.6
NNE	.2	1.3	2.8	2.7	.2	.1						7.3	10.1
NE	.0	2.0	1.6	.0								4.9	7.1
ENE	.5	1.5	1.5	.4								4.0	6.7
E	1.1	1.8	2.7	.0	.1							6.3	6.9
ESE	1.1	2.3	1.5	1.2	.2							6.7	7.3
SE	.9	2.6	2.4	1.7	.2							8.0	8.3
SSE	.0	1.5	1.5	1.4								5.2	8.0
S	.0	2.9	2.3	1.1								6.9	7.2
SSW	.5	.8	.4	.3	.1							2.2	7.0
SW	.3	.8	.1	.1	.1	.1						1.5	7.1
WSW	.5	.8	.3	.1	.2							1.9	6.6
W	.0	1.2	.5	.4	.4	.1						3.3	8.5
WNW	.0	1.0	1.3	.4	.4	.1						3.9	8.6
NW	.5	1.7	1.3	2.0	1.0	.4						7.5	11.2
NNW	.3	1.1	3.0	4.2	1.6	.1						10.6	11.9
VARBL													
CALM												9.0	
	9.9	25.6	26.5	22.0	5.1	1.1	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 STATION NAME WRIGHT AFB TX YEARS 69-78 MONTH MAR
STATION MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1-3	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	3.7	3.4	.4	.4	.4					11.3	10.5
NNE	.4	1.5	2.3	2.5	.3							7.0	9.4
NE	.9	1.6	1.8	.6	.1							5.1	7.0
ENE	1.4	1.0	1.4	.1								3.9	5.7
E	.9	2.7	1.4	1.3								6.2	7.1
ESE	1.2	2.8	2.2	.8	.4							7.3	7.2
SE	.7	2.6	2.5	2.2	.1							8.2	8.0
SSE	1.0	1.1	.9	.6		.1						3.7	7.1
S	.8	.9	1.8	1.0	.2							4.6	8.3
SSW	.1	.8	.3									1.2	6.0
SW	.1	.3	.7	.1	.1							.9	8.0
WSW	.2	.1	.3	.2	.3	.1						1.3	12.2
W	.4	1.0	.4	.6	.4							3.0	9.4
WNW	.5	1.4	.4	.7	.3	.1						3.7	8.8
NW	.5	1.9	2.5	2.5	.8	.1						8.5	10.4
NNW	.7	1.8	1.5	2.2	.8							7.4	9.8
VARBL													
CALM												16.9	
	10.9	23.2	23.5	19.4	4.3	1.1	.4					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949

OFFUTT AFB NE

03-78

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (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	1.8	4.1	3.7	.8	.3	.1					11.2	10.8
NNE	.4	1.2	2.4	1.8	.2	.0						6.0	9.2
NE	.7	1.6	1.9	1.1	.2	.0						5.4	8.2
ENE	.0	1.6	1.4	.4	.0	.0						4.9	6.6
E	.0	1.8	1.8	1.1	.1							5.4	7.5
ESE	.7	2.1	1.7	1.1	.4	.0	.0					6.1	8.2
SE	.8	2.0	2.4	1.7	.4	.0						7.3	8.6
SSE	.7	1.1	1.5	1.2	.3	.1						4.8	8.8
S	.7	1.6	1.9	1.5	.3	.1	.0					6.1	9.2
SSW	.2	.7	.0	.3	.0	.0						1.9	7.7
SW	.3	.5	.5	.4	.2	.0						1.9	9.2
WSW	.3	.5	.7	.3	.3	.1						2.1	9.7
W	.2	.9	1.0	.4	.2	.1	.0					3.1	8.5
WNW	.5	1.5	1.3	1.6	.3	.2	.1					5.0	9.5
NW	.8	1.8	2.3	2.8	1.0	.4	.1	.0				9.2	10.9
NNW	.3	1.0	1.0	4.0	1.3	.2	.0					8.6	12.4
VARBL													
CALM												11.8	
	8.5	21.7	27.4	22.7	5.8	1.7	.4	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

7440

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFUTT AFB NE
STATION NAME

69-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.7	3.1	4.9	.9	.7						11.3	11.0
NNE	.4	1.1	1.7	1.0	.2							5.0	9.1
NE	.8	1.6	.0	1.0	.1							4.0	7.0
ENE	.4	1.6	1.2	.1								3.3	5.9
E	.9	3.3	3.4	.9	.1							8.7	7.2
ESE	.8	3.4	3.2	1.9		.1						9.4	8.0
SE	.7	2.0	1.8	1.0	.1	.7						5.8	8.3
SSE	.0	2.2	2.0	1.3	.1							6.8	8.1
S	.7	1.6	2.3	1.4	.1							6.1	8.1
SSW	.3	.8	.3	.6								2.0	7.3
SW	.4	.3	.3	.7	.1							1.7	8.4
WSW	.6	.3	.6	.4								1.9	7.2
W	.8	.7	1.0	.2	.1							3.3	7.0
WNW	1.0	.6	1.0	.4								3.0	6.4
NW	1.1	1.9	2.7	.8	.0							7.0	7.9
NNW	.2	1.1	1.3	1.9	.6	.2	.2					5.6	11.8
VARBL													
CALM												15.6	
	10.0	24.1	27.7	18.7	3.0	.11	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 STATION NAME WRIGHT AFB NE YEARS 1977-78 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.9	3.0	3.0	.3	.1						8.3	10.0
NNE	.7	.7	1.4	1.3	.1							4.2	8.3
NE	.6	1.6	.6	.1								3.7	6.7
ENE	.8	.7	.9	.4								2.8	6.5
E	1.0	2.6	2.0	2.1	.3							8.0	8.1
ESE	.6	4.2	2.3	1.6	.2							8.8	7.5
SE	1.1	3.0	2.1	1.7	.3	.1						8.6	8.0
SSE	.7	1.6	2.7	1.7								6.6	8.3
S	.4	.9	1.7	1.2								4.2	8.5
SSW	.3	.4	.2	.3								1.3	6.8
SW	.2	.3	.2	.2								1.0	7.1
WSW	.7	.4	.4	.7								2.2	6.8
W	.9	1.0	.6	.4								2.9	5.9
WNW	.6	1.2	.9	.1								3.4	7.2
NW	.6	2.8	2.0	1.3	.1							6.8	7.7
NNW	.2	2.2	2.0	2.3	.9	.2						8.2	11.0
VARBL													
CALM												19.0	
	9.1	24.7	22.7	20.9	2.3	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.3	1.2	4.5	3.7	.6	.5						10.7	11.0
NNE		1.2	1.6	1.0	.4							4.8	10.0
NE	.3	.8	1.0	.4								3.1	7.9
ENE	.7	1.1	1.0	.3								3.3	6.1
E	1.4	2.2	2.0	1.0	.4							8.4	7.8
ESE	1.0	2.0	2.7	2.0	.1							8.0	8.2
SE	1.1	2.3	3.9	2.0	.2							10.1	8.6
SSE	1.0	.0	2.9	1.2	.6	.1	.2					6.9	9.7
S	.7	1.0	2.6	1.6		.1						6.1	8.4
SSW	.1	.3	.7									1.1	6.9
SW	.1	.6	.7									1.3	6.8
WSW	.7	.3	.2	.4								1.2	7.7
W	.7	.9	.8	.6								2.9	6.8
WNW	.6	1.0	1.2	1.1								3.7	8.5
NW	1.2	2.9	2.3	1.6	.3							8.3	7.8
NNW	.6	1.0	2.0	1.4	1.7	.1						6.8	11.1
VARBL													
CALM												13.1	
	10.4	19.7	31.5	20.6	4.3	.7	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 14949 DE FULT AFB NC STATION NAME DE FULT AFB NC YEARS 69-78 MONTH APR
 CLASS ALL WEATHER HOURS (LST) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.6	3.9	6.3	.6	.1	.2					11.8	12.1
NNE		.9	1.4	2.1	.2							5.3	10.9
NE		1.0	1.6	.2								2.8	7.6
ENE	.6	.6	1.0	.2								2.6	6.5
E	.4	1.2	2.9	2.0	.4							7.4	9.1
ESE	.2	.9	1.9	2.1	.6							5.7	10.5
SE	.3	1.3	3.0	2.5	1.3							8.8	11.0
SSE	.3	.9	2.3	4.0	1.0	.1	.1					8.9	11.9
S	.2	1.1	4.0	4.2	1.0	.4	.1					11.1	11.7
SSW	.2	.7	1.7	1.4	.3							4.3	9.9
SW		.6	1.9	.7	.6		.1					3.8	11.2
WSW	.1	.3	.9	.9	.1							3.0	8.4
W	.3	.1	1.1	1.6	.4	.1						3.9	11.8
WNW	.2	.4	.6	1.4	.6							3.2	11.3
NW	.4	.9	2.4	2.0	.8	.1						6.7	10.6
NNW	.6	.8	1.3	4.4	.4	.4	.1					8.1	12.4
VARBL													
CALM												2.8	
	5.2	12.4	31.9	37.3	8.3	1.3	.7					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 14949 OFFUTT AFB NE STATION NAME: CLASS: ALL WEATHER YEARS: 69-78 MONTH: APR HOURS (L.S.T.): 1200-1400
 CONDITION:

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.4	2.8	4.0	1.2	.2						5.4	11.8
NNE	.5	.6	1.9	1.8	.2							4.8	10.1
NE		.8	1.8	1.5		.1						4.0	9.8
ENE	.6	.7	1.1	.8								3.1	7.7
E	.4	1.1	1.8	1.8	.3							5.4	9.5
ESE	.1	.9	1.9	2.0	.6							5.4	10.9
SE	.3	1.1	2.1	3.2	.9	.6						8.2	12.4
SSE	.2	.8	2.3	4.0	1.2	.1						8.7	12.0
S	.1	1.0	3.1	3.9	2.2	.3	.2					10.9	13.2
SSW	.3	.2	1.0	2.4	.2							4.2	11.2
SW	.3	1.0	1.4	1.2	.6	.1	.2					4.9	11.5
WSW	.1	.2	1.2	1.5	.2							3.1	11.4
W	.3	.9	1.5	2.6	.7		.1					6.1	11.7
WNW		.2	1.2	.7	1.7							3.8	13.6
NW	.2	1.4	1.8	2.7	1.3	.4						7.9	12.1
NNW	.4	1.3	2.1	1.9	1.9	.9						8.6	12.6
VARBL													
CALM												1.4	
	4.7	12.7	28.9	35.8	13.2	2.8	.6					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAL
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

14940 MEFUT AF 014 01-78 APR
 STATION NAME CLASS YEARS MONTHS
ALL WEATHER
 CLASS
1500-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	4.1	3.7	.9	.1						9.9	11.0
NNE	.2	1.0	2.0	1.0	.6							5.3	10.3
NE	.2	.6	1.4	.6	.2							3.0	9.2
ENE	.1	.6	2.2	.6								3.4	8.8
E	.1	1.0	2.2	1.0	.1							5.0	9.4
ESE		.4	1.0	1.3	.2	.2						4.0	11.3
SE		.8	2.7	3.3	.9	.3	.1					8.1	12.4
SSE	.2	.6	2.0	4.4	1.8							9.0	12.8
S	.2	.9	2.7	3.0	1.4	.4	.1					9.6	12.6
SSW	.7	.6	1.2	2.2	.4							5.1	10.4
SW	.4	.4	1.7	1.8	.6	.1						5.0	10.9
WSW	.4	.4	.9	1.4	.2							3.7	9.8
W	.4	1.0	1.6	2.0	.9	.2						6.1	11.2
WNW	.2	.4	1.0	1.9	1.6	.1	.1					5.3	13.6
NW	.4	1.0	1.7	2.2	1.6	.4	.1					7.4	12.4
NNW	.3	1.2	1.6	2.6	1.8	.4						7.9	12.7
VARBL													
CALM												2.6	
	4.4	11.7	30.7	34.7	13.1	2.4	.4					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 WRIGHT AFB TX 69-7R APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.9	4.0	3.2	.7	.1						11.8	9.7
NNE	.9	.9	2.1	1.7	.1							5.7	8.7
NE	.8	1.1	.9	.5								3.1	6.0
ENE	.3	1.1	1.7	.1								3.2	6.7
E	.7	2.2	2.7	1.3								6.9	7.4
ESE	.8	1.6	3.8	2.7	.2							9.0	9.0
SE	.4	.9	2.2	2.8		.1						6.4	9.8
SSE	.7	.4	2.2	3.3	.7	.1						7.4	11.3
S	.4	2.8	2.8	2.1	.9	.1						9.1	9.6
SSW	.2	1.3	1.2	.4								3.2	7.9
SW	.3	1.3	1.0	.4								3.6	6.5
WSW	.2	.4	.8	.3								1.8	8.1
W	.4	.7	.4	.2								1.8	6.7
WNW	.4	1.0	1.4	1.4	.1	.1						4.6	9.6
NW	.6	1.7	1.9	2.6	.2	.3						7.2	10.1
NNW	.4	1.3	2.0	3.3	1.2	.3						8.7	11.7
VARBL													
CALM												6.6	
	8.4	21.7	31.7	20.3	4.1	1.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DEPUTT AFB NE
STATION NAME

59-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	3.1	2.0	5.0	.0	.1						11.9	10.0
NNE	.4	.8	2.0	.5	.2	.1						4.3	8.9
NE	.1	1.0	1.0	.0								3.2	7.2
ENE	.5	1.3	2.0	.1								3.8	6.7
E	1.0	2.8	4.3	1.4								9.6	7.5
ESE	.0	2.9	3.1	1.0	.1							8.7	7.9
SE	.0	1.9	3.0	1.7	.1	.1						7.9	9.0
SSE	.4	1.2	2.1	2.4	.1							6.3	9.5
S	.2	2.0	2.2	.7	.1	.0						5.7	8.7
SSW	.1	1.0	.6	.4								2.1	7.3
SW	.3	.7	.4	.2								1.7	6.0
WSW	.9	.4		.2								1.6	4.8
W	.7	.6	.9									2.1	5.5
WNW	.7	1.1	.7	.8	.1							3.3	7.5
NW	.8	2.4	2.2	.7	.3	.1						6.6	7.7
NNW	.5	1.7	2.1	1.6	.8	.4						7.1	10.7
VARS													
CALM												14.2	
	8.0	25.4	29.2	18.6	2.7	1.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 BUFFETT AFB TX 67-78 APR

STATION STATION NAME YEARS 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 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.3	4.3	.7	.2	.0					10.6	10.9
NNE	.4	.9	1.8	1.0	.3	.0						4.0	9.6
NE	.3	1.1	1.2	.7	.0	.0						3.4	7.7
ENE	.5	1.0	1.4	.5								3.2	6.9
E	.0	2.1	2.0	1.0	.2							7.4	8.1
ESE	.5	2.0	2.0	1.0	.2	.0						7.4	8.8
SE	.6	1.7	2.7	2.4	.5	.2	.0					8.0	9.9
SSE	.5	1.1	2.4	2.0	.7	.1	.0					7.5	10.7
S	.4	1.4	2.7	2.4	.7	.7	.1					7.8	10.6
SSW	.3	.7	.9	1.0	.1							2.9	9.2
SW	.3	.7	1.0	.6	.2	.0	.0					2.9	9.5
WSW	.5	.4	.6	.7	.1							2.2	8.4
W	.6	.7	1.0	1.0	.3	.0	.0					3.6	9.3
WNW	.5	.7	1.0	1.1	.5	.0	.0					3.8	10.0
NW	.7	1.9	2.1	1.7	.7	.2	.0					7.2	9.6
NNW	.4	1.3	1.8	2.4	1.2	.4	.0					7.6	11.8
VARBL													
CALM												9.4	
	1.7	19.0	29.2	26.0	6.4	1.4	.3					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

REFUTT AFB WF
STATION NAME

6)-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.3	1.7	1.7	.2							6.0	8.8
NNE	.5	1.0	.2	.3								2.4	6.2
NE	1.2	1.4	1.4	.2								4.0	5.6
ENE	.4	.9	1.1	.2								2.6	6.8
E	1.5	4.1	2.9	.4								8.9	6.0
ESE	1.8	4.6	1.2	.5								8.4	5.2
SE	1.5	3.6	2.2	.2								7.6	5.6
SSE	1.2	1.5	3.3	.6								6.8	7.4
S	1.2	1.6	3.4	1.2								7.7	7.5
SSW	.0	.5	.3	.2	.2							1.9	7.0
SW	.2	.2	.2									1.0	4.2
WSW	.2	.3	.3									1.2	4.7
W	.3	1.1	.8	.2								2.4	6.3
WNW	.8	.9	.4		.1	.1						2.5	7.4
NW	.9	3.0	2.0	.9	.2							7.5	7.1
NNW	.6	.6	1.2	1.2	.4		.1					4.5	10.4
VARBL													
CALM												24.6	
	14.3	27.0	23.5	8.9	1.2	.1	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTT AF 31 WF
STATION NAME

69-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	2.2	2.4	.1	.1						7.7	8.7
NNE	.5	.5	1.3	.1		.1						2.9	6.9
NE	1.3	1.3	.9	.5								3.8	5.5
ENE	.4	1.2	.8									2.4	5.3
E	2.9	4.4	2.3	.5								10.1	5.3
ESE	1.4	4.9	1.7	.5								8.6	5.6
SE	.8	2.2	1.9	.4								6.3	6.2
SSE	.4	1.9	2.9	.9	.2							6.7	7.6
S	.9	1.5	2.3	.2								4.8	6.7
SSW	.4	.1	.2									.8	4.3
SW	.6		.3									1.0	4.3
WSW	.5	.4	.2									1.2	4.6
W	.4	.4	.3	.4		.1						1.5	7.8
WNW	1.1	.6	.4	.4		.1						2.6	6.7
NW	1.4	2.5	2.4	1.1	.5							7.8	7.7
NNW	.9	1.3	1.6	1.5	.1	.1						5.7	8.5
VARBL													
CALM												26.8	
	15.5	25.8	21.8	8.6	1.0	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949

DIFFUTT AFB NE

67-78

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0800

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	.5	1.5	2.8	2.2								7.0	8.9
NNE	.0	1.2	1.5	.9								4.2	7.8
NE	.9	1.0	1.0	.5	.1							3.2	6.5
ENE	1.0	1.4	1.4	.5								4.1	6.3
E	1.1	2.4	1.9	.5	.1							6.0	6.5
ESE	1.7	3.5	3.0	1.3								9.6	6.7
SE	.9	2.5	3.0	1.1								7.4	7.1
SSE	.9	2.3	3.8	1.0	.1							8.6	7.9
S	1.1	1.5	3.4	.6								6.7	7.1
SSW	.5	.3	.8	.1								1.7	6.3
SW	.5	.6	.4	.4								2.0	6.7
WSW	.5	.5	.4	.1								1.6	5.3
W	.9	.2	.5	.5		.1						2.4	6.0
WNW	.5	.6	1.1	.5	.1	.1						3.1	8.2
NW	.9	2.4	2.0	1.4	.1							6.8	8.0
NNW	.5	1.2	2.0	2.2	.1							6.0	9.4
VARBL													
CALM												19.6	
	13.0	23.5	29.1	13.4	.6	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

WFFUTT AFB NF
STATION NAME

67-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.0	4.0	3.5	.0							10.9	10.0
NNE	.1	1.0	1.2	1.5								3.5	9.2
NE	.2	1.2	1.0	.3								2.7	6.8
ENE	.5	.9	1.3	.2								2.9	6.4
E	.0	1.4	2.2	1.6	.3							6.1	8.7
ESE	.3	.8	1.8	1.7								4.6	8.9
SE	.3	1.9	3.4	2.5								8.2	8.8
SSE	.0	3.5	3.4	3.1	.2	.1						11.1	8.7
S	.0	2.7	0.3	3.0	.4							13.9	9.3
SSW	.4	1.4	1.0	.2								4.3	7.7
SW	.4	.8	1.3	.2								3.3	7.9
WSW	.0	1.6	.6	.2								3.1	6.0
W	.3	1.1	1.3	.2	.2							3.8	8.4
WNW	.0	1.3	1.0	1.0	.1							4.9	8.0
NW	1.1	1.1	1.3	1.7	.5							5.7	9.1
NNW	.0	1.0	1.7	2.0	.0							6.6	10.6
VARBL													
CALM												4.4	
	8.3	23.5	33.4	27.0	3.2	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

4
 GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 67-78 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.4	4.3	3.2	.4	.1						10.4	9.3
NNE	.2	.9	1.3	1.4								3.8	9.1
NE	.1	.8	1.3	.0								2.8	8.5
ENE	.1	1.2	1.0	.2								2.5	7.1
E	.4	1.3	1.7	1.0								5.3	8.9
ESE	.2	.5	1.7	1.0								4.3	10.0
SE	.6	1.6	3.2	2.4	.1							8.0	8.9
SSE	.4	1.3	3.1	4.0	.2							9.0	10.3
S	.5	2.3	6.5	7.0	1.2							17.4	10.6
SSW	.4	1.3	1.0	1.0	.1							5.3	9.0
SW	.2	1.0	1.0	.8								3.8	8.1
WSW	.4	.9	1.7	.7	.2							3.8	8.6
W	.5	1.4	1.2	1.0	.2							5.2	9.1
WNW	.5	.4	1.1	1.0								3.7	9.3
NW	.1	.5	1.5	2.2	.4							4.7	11.0
NNW	.2	.9	2.6	2.7	1.2							7.7	11.4
VARBL													
CALM												2.5	
	2.8	17.5	35.8	34.2	4.1	.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

4
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14947 OFFUTT AFB NE 64-78 MAY
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1500-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.6	3.0	3.2	.2							10.5	9.0
NNE	.4	1.3	1.0	.8								4.1	7.5
NE	.3	1.4	1.0	.2								3.8	6.5
ENE	.2	1.4	1.4	.3								3.7	6.7
E	.6	1.5	1.5	.9		.1						4.6	7.4
ESE	.6	.8	2.6	1.0	.1							5.1	8.0
SE	.4	1.1	3.2	2.0	.1	.2						7.6	9.9
SSE	.4	1.2	2.9	5.1	.9							10.4	11.2
S	1.0	1.9	4.7	4.5	.3							12.8	9.7
SSW	.5	1.5	2.0	1.1	.2	.1						5.5	8.7
SW	.4	1.1	2.2	1.3								4.9	8.5
WSW	.4	.5	1.5	1.0	.1							3.5	8.8
W	.3	.6	.6	1.0	.3							3.3	8.7
WNW	.2	.6	.8	1.0	.3							2.9	10.4
NW	.2	.8	2.5	3.1	.5	.1						7.2	11.4
NNW	.5	.8	2.4	2.9	.6							7.2	10.7
VARBL													
CALM												3.3	
	8.7	19.0	35.3	29.9	3.8	.5						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTT AF 0 N7
STATION NAME

67-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.8	2.3	2.0	.6							10.2	7.9
NNE	.9	.6	1.4	.2								3.1	6.3
NE	1.0	1.2	1.5	.6								4.4	6.8
ENE	.4	1.5	1.3	.1								3.3	6.2
E	1.5	2.9	2.0	.6								7.1	6.2
ESE	.1	1.4	2.7	1.2								6.0	7.6
SE	1.1	2.7	3.5	1.5								8.8	7.4
SSE	.9	2.2	4.0	3.0	.1							10.1	8.6
S	1.2	2.8	4.7	1.9	.1							10.8	8.0
SSW	1.1	2.0	.9	.3								4.3	5.8
SW	.3	1.0	1.0	.2								2.9	6.0
WSW	.3	.8	.5	.3								1.9	6.7
W	.6	.6	.6	.1	.2	.2						2.5	8.6
WNW	.4	.4	.0	.2	.1							1.8	7.2
NW	.9	1.5	1.2	1.8	.1	.3						5.8	9.2
NNW	.3	2.0	2.7	2.0	.8							7.8	9.8
VARBL													
CALM												9.0	
	13.5	27.4	31.0	16.5	2.0	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949

DE FULT AFB NF

64-78

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WINDS

2100-2300

CLASS

HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	1.7	2.0	.5	.1						6.7	9.3
NNE	.8	1.1	.0	.4								2.9	6.2
NE	1.5	1.3	.7	.6								4.3	5.9
ENE	1.0	1.3	.9	.3								3.4	6.0
E	1.4	2.8	1.8	.6								6.7	6.0
ESE	2.2	4.4	2.4	.5								9.5	5.8
SE	1.5	3.0	2.7	.4	.1							7.7	6.2
SSE	.8	1.5	4.4	1.2	.2							8.1	8.3
S	.9	2.6	2.5	1.3								7.2	7.4
SSW	.2	1.1	.5	.3								2.2	6.7
SW	.2	.5	.7									1.1	5.0
WSW	.3	.3		.1								.8	5.0
W	1.1	1.3	.5	.1		.2						3.2	5.9
WNW	.6	.8	.8	.1		.1						2.4	6.7
NW	1.3	2.7	1.4	.0	.1		.1					6.2	6.4
NNW	.4	.6	1.2	.6	.5	.2						3.8	10.2
VARBL													
CALM												24.0	
	15.4	26.3	22.5	9.6	1.5	.6	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

930

4
 GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

14949

DE FULT AFB NF

57-78

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.0	2.0	.4	.0						8.6	9.1
NNE	.5	1.0	1.2	.7		.0						3.3	7.5
NE	.0	1.2	1.2	.4	.0							3.6	6.4
ENE	.6	1.2	1.1	.2								3.1	6.3
E	1.3	2.6	2.0	.9	.1	.0						6.9	6.7
ESE	1.1	2.6	2.1	1.1	.0							7.0	6.8
SE	.7	2.5	2.9	1.4	.0	.0						7.7	7.6
SSE	.7	1.9	3.5	2.4	.2	.0						8.9	8.9
S	.9	2.1	4.7	2.0	.3							10.1	8.8
SSW	.2	1.0	1.0	.6	.1	.0						3.2	7.5
SW	.5	.5	.9	.4								2.5	7.2
WSW	.2	.7	.7	.2	.0							2.1	7.0
W	.6	.9	.7	.0	.1	.1						3.0	7.9
WNW	.6	.7	.8	.7	.1	.1						3.0	8.3
NW	.8	1.8	1.9	1.6	.3	.1	.0					6.5	8.6
NNW	.2	1.0	2.0	2.0	.6	.0	.0					6.2	10.2
VARBL													
CALM												14.3	
	11.7	23.8	29.1	18.6	2.2	.4	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

7440

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/NAO

SURFACE WINDS

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

STATION 14949 STATION NAME OH FUTT AFB NT YEARS 67-78 MONTH JUN
 CLASS ALL WEATHER MONTH 0000-0200
 CONDITION _____
 HOURS (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	.7	.9	.9	.0	.1							3.3	7.8
NNE	1.1	.9	.0	.2								2.8	5.1
NE	.2	1.7	.9	.1								3.0	5.1
ENE	.3	.7		.1								1.6	3.9
E	2.1	1.8	1.9	.7								6.4	6.1
ESE	2.0	4.3	1.0	.4	.1							7.9	5.3
SE	1.0	1.7	2.9	.2								5.8	6.0
SSE	1.8	3.2	4.7	1.4								11.1	7.0
S	1.9	3.0	4.4	2.0								11.3	7.3
SSW	1.1	.4	.4									2.0	4.6
SW	1.0	.6	.2	.1								1.9	4.6
WSW	.2	.6	.3	.1								1.2	6.3
W	.6	1.0	.1		.1							1.8	5.3
WNW	.7	1.1	.3	.1	.1							2.3	6.0
NW	.8	1.7	1.2	.7								4.3	6.4
NNW	.4	1.7	.9	1.0	.2							4.2	7.9
VARBL													
CALM												29.0	
	16.9	25.1	20.3	8.0	.7							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

4
 GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTT AFB NC
STATION NAME

67-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.8	1.1	.7								3.4	6.9
NNE	.9	1.4	.6	.2								3.2	5.8
NE	.9	1.0	.6									2.4	4.0
ENE	1.0	1.0	.3	.1								2.4	4.3
E	2.1	2.8	.8	.2	.1							6.0	4.9
ESE	1.3	4.3	2.3	.4								8.4	5.8
SE	1.7	3.7	3.0	.2	.1							8.7	6.3
SSE	1.2	2.7	2.1	1.1	.1							7.7	6.8
S	1.4	2.4	2.7	1.2								7.8	7.0
SSW	.3	.4	.4	.3								2.0	5.9
SW	.7	.2	.4									1.3	5.0
WSW	.4	.7	.3	.7				.1				1.8	7.9
W	.6	.7	.3									1.6	4.8
WNW	1.0	1.1	.3	.1								2.6	4.6
NW	1.0	2.3	1.2	1.7								5.6	6.8
NNW	.6	1.3	1.0	.8	.2							4.1	7.3
VARBL													
CALM												31.9	
	16.2	20.9	17.0	8.8	.8			.1				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SLPVICE/MAC

SURFACE WINDS

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

14949 DEPUTT AFB AF 69-78 10,1
 STATION STATION NAME YEARS MONTH
 ALL WE, TH, CLASS 0600-0800
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.9	2.2	1.3								5.1	8.2
NNE	.4	1.4	1.2	.2								3.3	6.4
NE	1.4	1.6	.6									3.6	4.4
ENE	.8	1.1	.7									2.6	4.9
E	1.0	2.1	1.2	.1	.3							4.8	6.1
ESE	1.7	2.7	2.1	.7								7.1	6.2
SE	.7	2.4	2.6	.7								6.3	6.9
SSE	1.3	3.1	4.0	3.1		.7						12.2	8.7
S	2.7	2.9	4.4	1.6	.1							11.7	6.9
SSW	1.0	1.1	.9									3.0	4.9
SW	.8	1.1	.6	.2								2.7	5.7
WSW	.6	.9	.4	.1								2.2	5.3
W	.4	1.3	.3									2.1	5.0
WNW	.7	1.2	.7	.3								3.0	5.2
NW	1.3	2.0	1.4	.6	.1							5.7	6.5
NNW	.4	.4	1.6	1.3	.2							4.0	9.6
VARBL													
CALM												0.7	
	16.6	26.4	24.9	10.4	.8	.7						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

PIFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	2.9	1.6								7.9	7.9
NNE	.6	1.0	.8	.7								3.0	7.1
NE	.8	1.8	1.3	.4								4.3	6.2
ENE	.0	.7	.7	.1								2.0	5.6
E	.4	2.0	1.0	.4								3.9	6.3
ESE	1.0	1.7	1.6	1.0	.1							5.3	7.4
SE	.8	2.2	2.0	1.4	.1	.1						7.2	8.0
SSE	1.7	2.2	3.0	2.6	.4	.1						10.0	8.6
S	1.3	3.9	7.2	5.4	.9	.1						18.9	9.4
SSW	.1	1.2	2.9	1.3								5.6	8.6
SW	.8	1.3	1.0	.6	.1							4.3	7.1
WSW	.8	2.2	1.8	.3								5.1	6.3
W	.5	1.2	1.1	.3	.2							3.7	7.2
WNW	.9	.7	1.8	.6		.1						4.0	7.8
NW	.8	.9	1.9	1.6	.7							5.6	9.9
NNW	.3	1.2	1.4	1.4	1.0							5.4	10.5
VARBL													
CALM												3.8	
	13.0	25.8	33.4	20.6	3.0	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949

DI FUTI AFB AF

69-78

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	2.7	2.2	.1							7.6	8.4
NNE	.7	1.7	1.8	.0								4.9	7.4
NE	.4	1.0	1.1	.3	.1							3.0	7.3
ENE	.0	1.1	.0									2.4	4.7
E	.2	1.3	1.4	.0								3.8	8.3
ESE	.7	.7	1.3	1.4	.1							4.2	8.8
SE	.2	1.7	2.0	1.0								6.2	8.8
SSE	.9	1.0	3.3	4.1	.7	.1						11.3	10.1
S	.8	2.2	5.3	7.1	1.0	.3						17.3	10.9
SSW	.3	1.2	2.0	2.4	.1							6.1	9.8
SW	.0	1.4	2.1	.0								4.7	7.1
WSW	.4	1.8	.8	.3	.1							3.4	7.0
W	.0	1.4	1.0	.7								4.4	7.1
WNW	.4	1.0	1.4	.9	.4							4.2	9.1
NW	1.0	.9	2.1	2.0	.2							6.2	9.2
NNW	.1	1.7	2.3	2.1	.3							6.6	9.7
VARBL													
CALM												3.6	
	9.3	22.2	32.4	28.2	3.8	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

900

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 DUFFT AFB NF 62-78 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1700

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	4.1	1.7	.3							9.9	7.5
NNE	.0	1.0	1.1	.9								3.8	7.4
NE	.0	.0	.0	.0								2.3	6.0
ENE	.4	.8	.7	.5								2.2	6.7
E	.9	.7	1.9	.9								4.3	7.6
ESE	.4	1.1	1.8	1.1								4.4	8.3
SE	.0	.9	1.0	3.0	.5							6.7	10.4
SSE	.4	1.0	2.0	5.9	.7							11.3	11.0
S	.8	1.1	0.2	0.1	1.2	.5						17.8	11.2
SSW	.0	1.4	2.1	2.9	.1							7.1	9.4
SW	.7	1.4	.9	.7	.2							3.9	7.5
WSW	.7	.8	.8	.1								2.6	7.0
W	.0	1.2	1.3	1.1	.2							4.4	8.3
WNW		1.2	.8	.0								2.8	8.4
NW	.5	.3	1.8	1.8	.4							4.7	11.0
NNW	.0	1.2	2.0	3.1	.1							7.6	9.8
VARBL													
CALM												4.6	
	10.3	17.2	31.1	32.8	3.7	.5						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE

69-78

JUN

ALL WEATHER

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	3.9	3.3	1.0		.1						10.7	6.5
NNE	1.4	2.1	.9	.4	.1							5.0	5.8
NE	.8	1.1	.7	.2								2.8	5.5
ENE	.7	.9	.2	.6								2.3	6.5
E	1.0	1.9	2.1	.3								5.0	5.7
ESE	.7	2.3	2.2	1.9	.1							7.2	8.0
SE	.7	2.8	2.2	1.1	.1							6.9	7.3
SSE	1.0	2.4	3.9	6.2								13.6	9.4
S	.7	2.7	4.8	4.3	.0							13.0	9.7
SSW	.7	2.1	2.0	.6								5.3	6.8
SW	.2	1.3	.8	.1								2.4	6.0
WSW	.9	.9	.3		.1							2.2	5.1
W	.1	1.1	1.1	.2	.1							2.7	7.6
WNW	.3	.0	.6	.7	.1							2.2	8.5
NW	.3	1.7	1.2	.8	.3							4.3	8.6
NNW	.4	1.6	2.0	1.7								5.7	8.1
VARBL													
CALM												7.9	
	12.3	29.3	28.3	20.1	1.6	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

4
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

01 FULT AFB NF
STATION NAME

67-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.8	1.0	.4	.1							5.9	5.4
NNE	1.4	.8	.1	.2								2.6	4.3
NE	1.3	1.2	.2	.3								3.1	5.0
ENE	.4	1.2	.1	.3								2.1	5.9
E	1.7	2.7	1.1	.1								5.6	5.1
ESE	1.0	4.2	1.3	1.3								8.4	6.1
SE	1.2	2.9	3.0	.7								8.0	6.7
SSE	1.7	3.8	5.1	2.2								12.8	7.5
S	1.8	2.8	3.7	1.6	.3							10.3	7.6
SSW	.6	.3	.7	.2								1.8	6.0
SW	.6	.3	.2									1.1	4.3
WSW	.6	.9	.6			.1						2.1	6.2
W	.6	.7	.1		.1							1.4	4.9
WNW	.3	.7	.8	.1								1.9	6.6
NW	.7	2.3	.4	.3	.1							3.9	6.0
NNW	.9	2.0	.4	.7	.3							4.3	7.2
VARBL													
CALM												24.7	
	17.4	28.6	19.4	8.6	1.0	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 DEPUTT AFB NE 69-78 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.3	1.6	.1	.0						6.7	7.3
NNE	.9	1.3	.9	.5	.0							3.6	6.3
NE	.9	1.2	.7	.2	.0							3.1	5.5
ENE	.7	.9	.4	.2								2.2	5.3
E	1.2	1.9	1.4	.4	.1							5.1	6.1
ESE	1.2	2.7	1.7	1.0	.1							6.6	6.7
SE	.8	2.3	2.5	1.6	.1	.0						6.9	7.6
SSE	1.3	2.6	3.6	3.4	.2	.1						11.7	8.7
S	1.4	2.6	4.8	3.9	.6	.1						13.5	9.1
SSW	.0	1.0	1.4	1.0	.0							4.1	7.8
SW	.7	1.0	.8	.3	.0							2.9	6.4
WSW	.6	1.1	.7	.6	.0	.0		.0				2.6	6.4
W	.5	1.1	.7	.3	.1							2.8	6.8
WNW	.2	1.0	.8	.4	.1	.0						2.9	7.3
NW	.7	1.5	1.4	1.1	.2							5.0	8.1
NNW	.5	1.4	1.5	1.5	.3							5.2	8.9
VARBL													
CALM												15.7	
	14.1	22.6	25.9	16.4	1.9	.2		.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.2	1.3	.6	.1							5.0	7.1
NNE	1.4	1.0	.9	.1								3.3	4.6
NE	1.5	1.4	.5	.2								3.7	4.7
ENE	.0	.8	.9	.1								2.4	5.8
E	2.2	4.7	1.4	.1								8.4	4.9
ESE	2.3	3.7	1.3	.2								7.4	4.9
SE	1.3	2.0	1.9	.4								5.7	6.0
SSE	1.9	3.8	2.7	.6								9.0	6.1
S	1.2	3.2	5.0	1.6								11.0	7.8
SSW	.8	.6	1.1	.1								2.6	6.3
SW	.2	.6	.2									1.1	4.9
WSW	.3	.5	.1									1.0	4.1
W	.4	.3										.8	3.0
WNW	.4	.6	.2									1.3	3.6
NW	1.0	2.2	.0									3.8	4.7
NNW	.8	.9	.9	.2								2.7	5.6
VARBL													
CALM												31.0	
	16.9	28.5	18.9	4.5	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 OFFUTT AFB NE STATION NAME 69-78 YEARS JUL MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	.9	.3	.1							4.8	5.3
NNE	.8	1.2	.6	.2								2.9	5.4
NE	.9	1.1	.6	.1								2.7	5.0
ENE	.5	1.3	.2	.2								2.3	4.9
E	3.3	3.5	1.0	.3								8.2	4.5
ESE	2.6	4.0	.9	.4	.1							8.0	4.9
SE	2.3	3.9	1.9	.1								8.2	5.3
SSE	1.2	2.8	2.2	.8								6.9	6.4
S	.5	2.8	3.7	1.1								8.1	7.5
SSW	.3	.9	.5									1.7	5.6
SW	.6	.5	.5									1.7	4.9
WSW	.5	.6	.2									1.4	4.3
W	.6	.5	.2									1.4	4.4
WNW	.8	.4										1.2	3.2
NW	1.3	2.7	.4	.2								4.6	4.8
NNW	1.2	1.0	1.1	.2								3.4	5.7
VARBL													
CALM												32.7	
	19.0	29.1	14.9	4.0	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTT AF B WF
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	2.5	.0	.1							6.6	6.8
NNE	1.0	2.0	2.0									5.1	5.7
NE	1.2	1.3	1.4	.4								4.3	6.4
ENE	.4	1.6	.1	.1								2.3	4.8
E	2.3	2.7	1.3	.1								6.3	4.8
ESE	1.9	3.2	2.4	.9								8.4	6.1
SE	1.7	3.1	2.9	.6								8.4	6.3
SSE	2.3	3.1	3.7	.4	.1							9.6	6.1
S	2.7	4.8	3.5	.9								11.9	6.0
SSW	1.3	1.5	1.0	.2								4.0	5.3
SW	.5	.9	.9	.5								2.6	7.4
WSW	.5	.5	.2									1.3	4.2
W	.3	.4										.8	3.3
WNW	.5	.8	.3	.1								1.7	5.1
NW	.9	2.5	1.2	.2								4.7	5.6
NNW	.3	1.1	.9	.1								2.4	6.1
VARBL													
CALM												19.8	
	18.8	31.6	24.2	5.4	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 69-78 JUL
 STATION STATION NAME YEAR MONTH
ALL WEATHER
 CLASS
0900-1100
 HOURS (L.S.T.)

 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	4.0	1.5								8.4	8.5
NNE	.2	1.7	1.9	.5								4.4	7.2
NE	.4	1.4	2.2	.5								4.5	7.7
ENE	.9	2.0	1.1	.2								4.2	5.7
E	1.1	2.7	1.7	.3								5.8	5.7
ESE	.5	1.4	2.0	.8	.1							5.1	7.4
SE	.6	2.3	3.0	1.2	.1							7.3	7.6
SSE	1.4	2.8	4.7	2.3								11.2	8.0
S	2.0	4.5	8.4	3.3	.1							18.4	7.8
SSW	1.1	2.0	2.2	1.4	.1							6.8	7.6
SW	.2	1.6	2.2	1.0	.2							5.5	8.1
WSW	.4	1.5	1.6	.4	.1							4.1	7.2
W	.8	.8	.9	.2								2.6	5.7
WNW	.2	.3	1.2	.1								1.8	7.5
NW	.1	1.1	.6	1.0	.3							3.1	9.2
NNW	.1	.4	1.1	.2								1.8	7.9
VARBL													
CALM												5.0	
	10.9	28.6	39.4	15.1	1.1							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTT AFB NC
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.3	5.9	.9								9.8	7.9
NNE	.4	1.2	2.3	.8								4.6	7.8
NE	.8	1.3	2.0	.5								4.6	6.7
ENE	.8	1.5	1.2	.5								3.8	6.2
E	.3	2.6	2.3	.4								5.6	7.1
ESE	.3	1.0	1.2	.8								3.7	7.8
SE	.4	1.4	3.8	2.6	.2							8.1	9.3
SSE	1.2	2.8	5.1	4.3	.3							13.7	9.0
S	1.0	2.9	6.6	4.5	.8							15.7	9.4
SSW	.8	1.9	3.4	2.2	.3							8.1	8.9
SW	.2	1.2	1.9	1.4	.3							5.1	7.3
WSW	.5	1.5	1.4	.5								4.0	6.9
W	.4	1.0	.4									1.8	5.2
WNW	.2	.8	1.0									1.9	6.7
NW	.1	.4	.8	1.1	.3							2.7	11.1
NNW	.3	.8	1.8	1.2								4.1	8.8
VARBL													
CALM												2.5	
	8.5	24.4	41.0	21.4	2.3							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 OFFUTT AFB NE STATION NAME 69-78 YEARS JUL
 CLASS ALL WEATHER MONTH 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	2.8	4.9	1.9								10.1	8.1
NNE	.0	2.3	3.1	.4								6.5	7.1
NE	.4	1.9	2.0	.3								4.7	6.9
ENE	.8	1.4	1.1									3.2	5.6
E	1.2	2.2	2.2	.2								5.7	6.0
ESE	.0	1.9	1.4	.9								4.8	7.0
SE	.6	.9	4.2	2.4	.1							8.2	9.2
SSE	.4	1.5	4.9	3.9	.6							13.4	10.6
S	.5	2.8	5.8	4.3	1.3							14.7	10.0
SSW	.4	2.0	3.2	1.0								7.5	8.3
SW	.4	1.5	2.6	1.1	.3							5.9	8.5
WSW	.2	.6	.9	.2								1.9	6.8
W	.3	1.0	.4	.1								1.8	5.9
WNW	.2	.2	.5	.1								1.1	6.5
NW	.2	.3	1.0	1.4								2.9	9.7
NNW	.1	1.0	1.5	1.0								3.5	8.9
VARBL													
CALM												3.9	
	7.6	24.3	39.8	22.0	2.4							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 69-78 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.1	3.4	1.3	.2							9.1	7.5
NNE	1.5	2.6	1.5	.9								6.5	6.0
NE	1.0	2.2	1.3	.4								5.5	5.4
ENE	1.4	1.8	1.1	.2	.1							4.6	5.6
E	2.8	4.1	1.0	.1								8.6	4.6
ESE	1.3	4.0	1.3	.6								7.2	5.8
SE	1.3	3.9	4.3	1.8	.2							11.5	7.4
SSE	1.8	3.1	7.4	3.3	.3							16.0	8.5
S	1.2	2.9	3.3	2.6	.1							10.1	8.2
SSW	.5	1.6	1.1	.1								3.3	5.0
SW	.8	.5	.3	.3								1.9	6.2
WSW	.9	.4	.1									1.4	3.5
W	.3	.4	.1									.9	4.4
WNW	.3	.6	.2									1.2	4.8
NW	.1	.8	.6	.2	.1							1.8	8.1
NNW		.6	.6	.3								1.6	8.1
VARBL													
CALM												8.7	
	16.9	32.7	28.4	12.3	1.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
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	1.1	2.5	2.4	.1	.1							6.1	6.4
NNE	1.7	.8	1.1	.2								3.8	4.9
NE	1.4	2.4	.8	.1								4.6	4.8
ENE	1.1	1.7	1.0	.2								4.0	5.5
E	3.1	3.9	.5									7.5	4.0
ESE	2.2	4.0	1.4	.3								7.8	5.0
SE	1.9	4.6	1.9	.4								8.9	5.4
SSE	1.7	2.4	5.1	2.2	.2							11.8	7.9
S	1.7	1.8	3.7	1.5								8.7	7.5
SSW	.4	.1	.4	.1								1.1	5.8
SW	.3		.1	.1								.5	6.0
WSW	.3	.4										.8	4.1
W	.4	.1	.1	.3								1.0	7.6
WNW	.2	.2		.1								.5	5.6
NW	.2	.5	.4		.1							1.3	6.9
NNW	.2	.6	1.3	.4								2.6	8.0
VARBL													
CALM												28.9	
	18.1	26.0	20.1	6.2	.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/VAC

SURFACE WINDS

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

14949 STATION OFFUTT AFB NE STATION NAME 69-78 YEARS MONTH JUL
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.4	3.2	.9	.1							7.5	7.4
NNE	1.0	1.6	1.7	.4								4.6	6.2
NE	1.0	1.6	1.4	.3								4.3	6.0
ENE	.8	1.5	.8	.2	.0							3.3	5.6
E	2.0	3.3	1.5	.2								7.0	5.1
ESE	1.2	2.9	1.5	.6	.0							6.5	5.9
SE	1.3	2.8	3.0	1.2	.1							8.3	7.1
SSE	1.5	2.8	4.5	2.5	.2							11.5	8.1
S	1.4	3.2	5.0	2.5	.3							12.3	8.1
SSW	.7	1.3	1.6	.7	.1							4.5	7.4
SW	.4	.9	1.1	.6	.1							3.0	7.8
WSW	.5	.8	.6	.1	.0							2.0	5.9
W	.5	.6	.3	.1								1.4	5.2
WNW	.4	.5	.4	.1								1.3	5.7
NW	.5	1.3	.7	.5	.1							3.1	7.1
NNW	.4	.8	1.1	.5								2.8	7.4
VARBL													
CALM												16.6	
	14.6	28.2	28.3	11.4	1.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

14940
STATION

OFFUTT AFB NE
STATION NAME

67-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.9	.6	.1								2.4	5.2
NNE	.3	.6	.3	.4								1.7	7.1
NE	.6	2.2	.9	.1								3.8	5.7
ENE	1.1	1.8	.4	.4								3.8	5.3
E	3.1	6.2	.8	.2								10.7	4.3
ESE	2.0	6.3	1.8	.1								10.9	4.9
SE	1.5	3.1	3.5	.4								8.6	6.3
SSE	1.9	3.0	1.9	.5								7.4	5.7
S	1.4	2.5	4.0	1.5								9.4	7.5
SSW	.2	.6	.4									1.3	5.8
SW	.1	.1	.1									.3	4.7
WSW	.2	.5	.1									.9	4.8
W	.1	.4	.3			.1						1.0	7.7
WNW	.5	.1	.1	.1								.9	5.3
NW	.5	1.7	1.0									3.2	5.6
NNW	.6	.3	.4	.2								1.7	6.3
VARBL													
CALM												32.6	
	15.7	30.5	16.8	4.3								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

57-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	.6	.2								3.5	5.4
NNE	1.0	.8	.5	.3								2.6	5.9
NE	1.3	1.4	.8	.3								3.8	5.3
ENE	1.7	1.7	.8	.2								4.4	5.1
E	4.6	5.4	1.4	.1								11.5	4.3
ESE	2.6	6.3	1.8	.4								11.2	5.1
SE	2.7	3.3	2.4	.5								8.9	5.4
SSE	1.3	2.3	1.0	.6								5.8	6.0
S	1.6	2.9	2.7	.4								7.6	6.0
SSW	.5	.8										1.3	3.8
SW	.1	.4										.5	4.6
WSW	.3	.2	.1									.6	3.7
W	.4	.4	.2									1.1	4.7
WNW	.8	.9	.5	.2								2.4	5.3
NW	.3	1.4	.8									2.5	5.0
NNW	.6	.6	.4	.1								1.8	5.2
VARBL													
CALM												30.4	
	21.1	30.3	14.6	3.5								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAF

SURFACE WINDS

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

14949 01-FUTT AFB NF 69-78 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

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	.0	1.2	1.5	.3								3.7	6.6
NNE	.8	.9	.8									2.4	5.1
NE	1.7	1.4	.6	.6								4.0	4.9
ENE	1.1	1.7	.8									3.5	4.9
E	2.0	4.1	1.3									8.0	4.4
ESE	2.4	4.6	2.3	.6								9.9	5.6
SE	2.4	4.2	4.7	1.3								17.6	6.4
SSE	2.8	3.7	2.0	1.0								10.0	5.9
S	1.5	4.2	3.2	.3								9.2	5.9
SSW	.9	.4	.1	.1								1.5	4.1
SW	.2	.4	.2									.9	5.4
WSW	.5	.5	.1									1.2	3.8
W	.5	.8										1.3	3.7
WNW	.8	1.4	.3	.6								2.7	5.2
NW	.9	2.0	1.2	.3								4.4	5.9
NNW	.6	.2	.5	.1								1.5	5.8
VARBL													
CALM												23.3	
	20.2	31.7	20.2	4.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DI FUTT AFB NF
STATION NAME

69-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.5	3.0	.8	.1							5.6	8.3
NNE	.4	.9	1.8	.5	.1							3.8	8.0
NE	1.0	1.8	1.0		.1							3.9	5.6
ENE	1.1	1.4	1.3	.2								4.0	5.9
E	1.3	3.0	1.4	.3								6.0	5.3
ESE	.8	2.5	1.6	.4								5.3	6.3
SE	.9	2.5	3.2	1.7	.2							8.5	7.8
SSE	1.5	3.5	4.1	2.6	.5							12.3	8.2
S	1.6	6.7	10.0	3.2								21.5	7.7
SSW	1.3	2.2	2.2	.5								6.1	6.5
SW	.3	1.3	1.8	.2								3.7	7.0
WSW	.9	1.4	.9	.2								3.3	5.7
W	.9	1.4	.4	.3								3.0	5.5
WNW	.5	.8	.9	.1								2.3	6.0
NW	.5	1.2	1.6	.6	.1							4.1	7.9
NNW	.1	.3	.5	.8	.2							1.9	11.1
VARBL													
CALM												4.8	
	13.2	32.3	35.7	12.6	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 5-7-78 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.8	4.0	1.9	.1							8.4	8.0
NNE	.3	1.3	1.3	.4								3.3	7.1
NE	.4	2.4	1.5	.4								4.7	6.4
ENE	1.0	1.8	1.2									4.0	5.5
E	1.0	3.3	1.9	.2								6.5	6.1
ESE	.4	2.4	1.1	.4								4.3	6.5
SE	.6	3.4	2.8	2.7	.5							10.1	8.8
SSE	.5	2.7	5.5	4.1	.6							13.4	9.6
S	.8	3.0	9.0	5.3	.5							19.4	9.6
SSW	.9	1.5	2.5	1.3								6.1	7.9
SW	.8	1.4	1.0	.8								4.5	7.5
WSW	.9	1.0	1.3	.1	.1							3.3	6.2
W	.2	1.1	1.1	.1								2.5	6.7
WNW	.4	.9	.4									1.7	5.4
NW	.1	1.0	.9	.1	.1							2.2	7.3
NNW		1.2	.6	1.5		.1						3.4	10.1
VARBL													
CALM												2.2	
	8.8	30.1	37.4	19.4	2.0	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DEWITT AFB NE.
STATION NAME

69-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.1	3.0	1.5	.1							6.3	8.7
NNE	.4	1.0	3.0	.2								5.3	7.1
NE	.8	1.5	2.0	.2								4.5	6.5
ENE	1.0	1.7	1.3	.1								4.7	5.3
E	1.0	3.5	3.1	.2								7.8	6.4
ESE	.3	2.0	1.9	.5								4.8	7.3
SE	.3	3.4	4.4	3.1	.5							11.8	9.3
SSE	.4	1.8	5.1	6.3	1.0							14.6	10.7
S	1.4	1.8	6.9	7.2	.4							17.7	9.7
SSW	.4	.6	1.9	1.1								4.1	8.4
SW	.5	.9	1.4	.5								3.3	7.4
WSW	.3	.6	.3	.7								1.5	5.9
W	.4	1.5	.3	.1		.1						7.5	6.0
WNW	.2	.5	.5									1.3	5.9
NW	.5	1.0	1.7	.2								3.4	6.8
NNW		.5	2.3	.8	.2							3.8	9.7
VARBL													
CALM												7.4	
	9.4	24.3	39.2	22.4	2.3	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/FMAC

SURFACE WINDS

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

14949 DFWTT AFB TX 69-78 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	3.0	1.2	.3							8.1	7.7
NNE	1.9	2.3	1.2	.2								5.6	4.9
NE	1.0	1.6	1.4									4.8	4.9
ENE	1.1	1.9	.8	.3								4.1	5.6
E	3.2	4.9	1.7	.1								10.0	4.8
ESE	3.2	4.9	3.4	.3								11.9	5.4
SE	1.3	5.9	5.3	1.7								14.2	7.1
SSE	1.1	4.6	6.3	2.7	.2							14.9	8.0
S	1.2	2.6	3.8	1.8								9.4	7.4
SSW	.1	1.3	.5		.1							2.0	6.3
SW	.2	.4	.1									.8	4.9
WSW	.4	.1		.1								.6	5.0
W	.2	.1	.1	.2	.1							.8	8.7
WNW	.4	.3		.1								.9	4.8
NW	.5	.8	.3	.1	.1							1.8	5.9
NNW	.3	.4	.9	.1								1.7	6.9
VARBL													
CALM												8.4	
	10.1	34.8	28.8	9.0	.9							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

C
4
C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 PIFUTI AFB NF 69-78 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

2100-2300

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.6	.2		.1	.1					3.5	8.1
NNE	1.0	1.2	.9	.1	.1							3.2	5.6
NE	.4	2.3	1.0	.2								3.6	5.6
ENE	.8	1.1	.8	.2								2.8	5.9
E	3.4	4.0	2.2	.3								10.5	5.0
ESE	4.1	7.2	2.2	.1								13.5	4.8
SE	1.7	6.0	3.1	1.0								12.0	6.1
SSE	1.4	3.7	2.7	1.6								9.4	7.0
S	1.1	2.5	2.8	1.1		.1						7.5	7.2
SSW	.1	.3	.4									.9	6.3
SW	.2	.2	.2									.6	5.2
WSW		.1										.1	5.0
W			.4									.4	9.3
WNW	.1	.3	.1	.2								.8	6.7
NW	.4	1.0	.5	.2								2.2	6.1
NNW	.9	.6	.6	.1								2.3	5.4
VARBL													
CALM												26.3	
	16.3	32.0	19.5	5.4	.1	.2	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

WRIGHT AFB WV
STATION NAME

69-78
YEARS

AUG
MONTH
 ALL
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	1.4	2.2	.8	.1	.0	.0					5.2	7.7
NNE	.8	1.2	1.2	.3	.0							3.5	6.3
NE	1.0	1.8	1.1	.2	.0							4.7	5.6
ENE	1.2	1.7	.9	.2								3.9	5.4
E	2.5	4.4	1.7	.2								8.8	5.0
ESE	2.0	4.5	2.0	.4								9.0	5.4
SE	1.5	4.0	3.7	1.6	.2							10.8	7.2
SSE	1.4	3.2	3.7	2.4	.3							11.0	8.1
S	1.3	3.3	5.4	2.6	.1	.0						17.7	8.0
SSW	.6	1.0	1.0	.4	.0							2.9	6.8
SW	.3	.6	.7	.2								1.8	6.8
WSW	.4	.6	.3	.1	.0							1.5	5.4
W	.3	.7	.4	.1	.0	.0						1.6	6.1
WNW	.5	.6	.4	.1								1.6	5.5
NW	.5	1.2	1.0	.2	.0							3.0	6.4
NNW	.4	.5	.8	.5	.1	.0						2.3	8.0
VARBL													
CALM												16.3	
	15.3	30.8	26.5	10.1	.8	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.9	1.9	.4								5.0	6.5
NNE	.7	2.1	1.7									4.4	5.9
NE	.8	1.4	.7	.3	.1							3.3	6.2
ENE	.3	1.6	.8									2.7	5.1
E	2.0	4.4	1.0									7.4	4.5
ESE	1.4	5.3	1.0									7.8	4.9
SE	1.7	3.8	3.7	1.1								10.2	6.5
SSE	.9	1.7	2.8	1.7								7.0	7.9
S	1.3	2.2	2.3	1.4								7.3	7.2
SSW	.4	1.3										1.8	4.3
SW	.2	.4	.3	.1								1.1	5.8
WSW	.2	.2	.1		.1							.7	6.5
W	.1	.3	.2									.7	6.2
WNW	.4	.7	.2									1.3	4.6
NW	.9	2.3	1.8	.7								5.7	6.5
NNW	.3	1.7	1.0	.6								3.8	7.5
VARBL													
CALM												29.8	
	12.0	31.4	19.4	6.6	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 DI FUTT AFB NF 69-78 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	1.9	1.0								6.2	7.0
NNE	.0	2.7	.8	.3								4.6	5.4
NE	1.1	1.2	1.0	.3								3.7	5.4
ENE	.6	.4	.4									1.4	5.2
E	2.8	3.9	.4	.1								7.2	4.1
ESE	2.2	5.1	1.3									8.7	4.5
SE	1.8	3.4	1.8	.3		.1						7.4	5.8
SSE	1.3	2.1	3.0	.7								7.1	6.6
S	1.2	1.4	2.2	1.0								5.9	6.8
SSW	.7	.4										1.1	3.1
SW	.4		.2	.1								.8	5.3
WSW	.6	.4										1.0	3.6
W	.1	.3	.4	.1								1.0	6.4
WNW	.8	.8	.3									1.9	4.1
NW	1.0	2.9	1.6	.3								5.8	5.8
NNW	1.4	1.4	1.0	.4								4.3	5.6
VARBL													
CALM												31.9	
	17.9	28.9	16.4	4.8		.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.7	2.9	1.3	.1							8.7	7.1
NNE	.9	1.3	2.0	.2	.1							4.6	6.7
NE	.4	1.2	.8									2.4	5.4
ENE	.3	1.8	.4									2.6	5.4
E	1.2	3.1	1.3									5.7	5.0
ESE	1.9	4.7	1.4	.3								8.3	5.1
SE	2.7	5.0	3.4	1.0								12.1	6.0
SSE	1.2	2.7	3.7	1.6	.1							9.2	7.5
S	1.9	1.9	2.1	.9	.1							6.9	6.4
SSW	.8	.3	.2									1.3	4.3
SW	.4	.1	.3									.9	4.5
WSW	.1		.1									.2	4.5
W	.4	.3	.3									1.1	4.5
WNW	.6	.8	.2	.1								1.9	4.9
NW	1.8	2.8	1.7	.6								6.8	5.7
NNW	.2	1.4	1.6	.2								3.4	7.1
VARBL													
CALM												23.9	
	14.8	30.1	22.6	6.2	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

4

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14940 OFFUTT AFB NE 69-78 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.4	4.6	4.1	.2							11.0	7.9
NNE	.7	1.8	3.2	.6								6.4	7.3
NE	1.0	.8	1.0	.1								3.4	6.1
ENE	.4	.6	.9	.3								2.2	7.2
E	1.0	2.2	1.7	.2								5.1	6.0
ESE	.7	1.2	1.9									3.8	6.1
SE	1.2	1.6	4.2	2.1	.2							9.3	8.4
SSE	.9	2.3	7.9	3.0	.4							14.6	8.8
S	1.0	3.3	4.9	4.6		.1						14.1	8.8
SSW	.3	1.0	1.1	.4								2.9	7.2
SW	.7	1.3	1.0	.4								3.4	6.6
WSW	.9	1.0	.9	.6	.1							3.4	7.0
W	.4	.7	1.2	.7								3.2	7.9
WNW	.4	1.0	.4	.3								2.2	6.5
NW	.2	1.3	.9	1.2	.1							3.8	9.0
NNW	.1	1.3	1.4	1.4	.1							4.4	9.1
VARBL													
CALM												6.6	
	10.7	22.9	37.8	20.8	1.2	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

4
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.4	4.1	3.6	.3							11.1	9.3
NNE	.7	1.1	2.3	.2	.1							4.4	7.3
NE	.6	.9	1.3	.3	.1							3.2	7.2
ENE	.6	1.0	.9	.1								2.6	5.8
E	1.0	1.9	1.3									4.2	5.5
ESE	.6	1.8	1.7	.1								4.1	6.1
SE	.4	1.6	3.9	2.2								8.1	9.0
SSE	.2	3.0	5.4	4.9	.4							14.0	9.8
S	.3	1.7	6.8	5.7	.3	.1						14.9	10.4
SSW	.3	.7	2.1	.4								3.6	8.2
SW	.7	.9	1.2	1.3	.1	.3						4.6	9.6
WSW	.2	1.2	1.2	.6		.2						3.4	8.4
W	.7	1.1	.7	.9	.1							3.4	8.1
WNW	.4	.8	1.0	.4	.1							2.8	7.6
NW	.2	1.3	1.7	2.3	.3							5.9	10.2
NNW	.7	.7	3.7	1.4	.1							6.6	8.9
VARBL													
CALM												3.1	
	4.2	22.0	39.3	24.0	2.1	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949

OFFUTT AFB NE

69-78

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	5.7	2.6	.1							12.8	8.3
NNE	.0	1.2	1.9	.6								4.4	7.6
NE	.7	1.2	1.9	.3								4.1	6.8
ENE	.6	1.2	1.3	.7								3.3	6.8
E	1.4	2.7	1.8	.1								6.0	5.4
ESE	.2	.9	1.3	.4								7.9	7.7
SE	.7	2.3	3.0	2.4	.1							9.6	8.6
SSE	.4	1.8	5.3	5.7	.7							13.9	10.5
S	.8	1.3	5.3	4.4	.4							12.3	9.9
SSW	.4	.2	2.2	.7	.2							3.8	8.6
SW	.4	1.2	1.7	.7								4.0	7.7
WSW	.9	1.1	1.3	.6	.1							4.0	7.1
W	.1	1.0	1.3	.6	.1							3.1	8.4
WNW	.0	.9	.7	.2	.1							2.4	6.7
NW	.4	1.1	1.6	1.3	.6							5.0	9.9
NNW	.6	.4	2.7	2.0	.3							6.0	10.1
VARBL													
CALM												3.3	
	9.9	21.8	39.0	23.2	2.8							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
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	2.4	3.2	3.8	1.2								10.7	6.5
NNE	1.4	.6	1.4	.3								3.8	6.1
NE	1.9	1.6	.8	.1								4.3	4.5
ENE	1.6	1.7	.7	.1								4.0	4.4
E	1.6	4.7	1.0	.1								7.3	4.9
ESE	1.3	3.0	1.2	.6	.1							6.2	5.9
SE	.7	4.1	4.1	1.3	.1							10.3	7.3
SSE	.7	3.7	5.2	1.4								11.0	7.6
S	1.7	2.6	2.8	1.6								8.6	7.0
SSW	1.0	.9	.6									2.4	4.4
SW	.8	1.1	.1									2.0	4.2
WSW	.6	.8		.1								1.4	4.5
W	.2	.6	.1	.1								1.0	5.3
WNW	.4	.2										.7	3.2
NW	.6	1.6	1.1	1.0	.1							4.6	7.3
NNW	1.1	1.2	1.7	.7	.2							4.9	7.5
VARBL													
CALM												16.8	
	18.1	31.3	24.6	8.7	.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 69-78 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	2.0	.6	.1							6.1	6.8
NNE	.8	1.2	1.3	.3								3.7	6.3
NE	1.6	1.7	1.6	.2								5.0	5.3
ENE	.7	1.1										1.8	3.9
E	1.8	4.9	1.1	.1								7.9	4.7
ESE	1.7	3.9	1.0	.1								6.7	4.6
SE	1.4	4.1	4.8	.9								11.7	6.8
SSE	1.2	1.7	4.1	2.3								9.3	8.3
S	.9	1.6	2.9	1.4								6.8	7.7
SSW	.6	.7	.1									1.3	4.3
SW	.3	.1										.4	2.8
WSW	.1	.3	.3									.8	6.1
W	.1	.2	.2	.1								.7	6.8
WNW	.1	.4	.2									.8	4.6
NW	.8	2.7	1.2	.3	.2							5.2	6.5
NNW	.3	.8	1.0	.0								2.7	7.7
VARBL													
CALM												29.7	
	13.6	27.6	21.9	7.0	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

4

GLOBAL CLIMATOLOGY BRANCH
 USAF/TTC
 AIR WEATHER SERVICE/TTC

SURFACE WINDS

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

14949 11 FTUT AFB NE 69-78 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS 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	1.2	2.4	3.3	1.2	.1							3.0	7.9
NNE	.8	1.5	1.8	.5	.0							4.5	6.0
NE	1.0	1.2	1.2	.2	.0							3.7	5.8
ENE	.0	1.2	.7	.1								2.6	5.2
E	1.0	3.5	1.7	.1								6.4	4.9
ESE	1.2	3.2	1.4	.2	.0							6.1	5.3
SE	1.3	3.2	3.0	1.4	.1	.0						9.7	7.2
SSE	.9	2.4	4.7	2.7	.2							10.8	8.6
S	1.1	2.0	3.7	2.7	.1	.0						9.6	8.5
SSW	.0	.7	.8	.2	.0							2.3	6.3
SW	.5	.7	.6	.5	.0	.0						2.2	7.1
WSW	.4	.6	.5	.2	.0	.0						1.9	6.8
W	.2	.6	.6	.5	.0	.0						1.8	7.4
WNW	.5	.7	.4	.1	.0							1.7	5.8
NW	.8	2.0	1.4	1.0	.2							5.3	7.5
NNW	.5	1.1	1.7	.9	.1							4.5	8.1
VARBL													
CALM												18.1	
	13.2	27.0	27.0	12.1	1.0	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7200

4

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 DEPUTY AFB HF 67-78 JCT
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-0200
HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	2.8	1.6	.2							7.7	8.1
NNE	.4	1.1	1.1	.5								3.1	7.5
NE	.5	.8	.4	.2								1.9	5.7
ENE	.8	.5	1.0	.1								2.4	5.9
E	1.5	2.6	.5									4.6	4.5
ESE	1.2	3.1	2.2	.2								6.7	5.8
SE	.9	2.3	1.9	.6								5.8	6.6
SSE	1.4	2.4	2.5	.6								6.9	6.2
S	1.4	1.8	3.4	1.9								8.6	7.5
SSW	.6	.2	.4									1.3	4.7
SW	.3	.2	.2									.8	4.3
WSW	.1	.3	.1									.5	4.4
W	.6	.4	.5	.1								1.7	5.4
WNW	.6	1.9	1.1	.4	.3							4.4	7.2
NW	.9	3.7	1.4	.6								6.6	6.3
NNW	1.2	1.0	1.3	1.5	.2							5.2	8.2
VARBL													
CALM												1.8	
	13.4	24.4	20.9	8.7	.8							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

PIFUTT AFB NE
STATION NAME

69-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.8	2.0	1.2	.2							7.5	7.4
NNE	.2	.9	.5	.9								2.5	8.4
NE	.4	.6	.6	.6								2.4	7.5
ENE	.1	.3	.8									1.2	7.1
E	1.4	1.8	1.1	.2								4.5	5.1
ESE	1.3	3.0	2.4	.5								7.2	6.1
SE	1.2	1.9	2.0	.5								5.7	6.3
SSE	1.0	2.4	1.8	.6								5.9	6.5
S	1.3	1.9	2.0	.6								6.0	6.6
SSW	.5	.2	.1									.9	3.6
SW	.3	.3	.2									.9	4.4
WSW	.5	.2										.8	3.0
W	.9	.9	1.1	.5								3.3	6.8
WNW	.5	1.3	1.3	.5	.2							3.7	7.0
NW	.9	2.0	2.6	1.2								6.7	7.1
NNW	1.0	1.5	1.3	1.1	.4							5.9	8.7
VARBL													
CALM												35.1	
	12.3	24.2	20.4	9.7	.9							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DEPUTY AFB HF
STATION NAME

67-78
YEARS

JCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	3.0	2.7	.2							9.2	8.4
NNE	.3	1.4	1.3	.5								3.5	7.1
NE	.6	1.0	1.1	.3								3.0	6.5
ENE	.2	.3	.5									1.1	6.7
E	.5	1.5	.9	.1								3.0	5.3
ESE	1.8	4.0	2.0	.1								8.0	5.3
SE	1.8	3.4	3.0	1.3								9.6	6.5
SSE	1.3	2.7	1.8	1.3								7.3	6.8
S	1.2	3.3	1.0	1.4								6.9	6.3
SSW	.5		.1	.1								.8	5.0
SW	.3											.3	2.3
WSW	.3	.1	.1									.5	3.8
W	1.0	.6	.5	.6								2.8	6.3
WNW	.8	1.3	1.2	.5	.1							3.9	7.7
NW	1.7	2.3	2.3	.4								6.7	6.0
NNW	.4	1.8	1.1	2.0	.4	.1						5.9	9.7
VARBL													
CALM												27.5	
	14.2	26.0	19.9	11.5	.8	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

UCT
MONTH
 0900-1100
HOURS (L & 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 - 53	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	0.3	3.2	.4							12.7	9.3
NNE	.3	.6	1.0	.2								3.1	7.9
NE	1.0	1.3	1.5	.5	.1							4.4	6.6
ENE	.3	.8	.0									1.8	6.2
E	.2	.9	.0									1.9	5.9
ESE		.0	1.2	.0								2.5	8.6
SE	.5	2.5	4.1	1.0	.2							8.9	8.2
SSE	1.3	2.3	4.6	3.5	.2							11.9	8.7
S	1.3	3.2	5.3	3.7	.3							13.4	8.8
SSW	1.4	1.3	1.5	.3								4.9	6.3
SW	.2	.3	1.1	.9	.1							2.6	9.6
WSW	.4	1.2	1.5	.9								4.0	8.0
W	.9	1.0	.9	.1	.1							2.9	6.1
WNW	.5	.6	1.5	1.5	.2	.1						4.5	10.0
NW	.0	1.4	2.0	2.3	.2							6.6	9.0
NNW	.4	1.3	1.1	2.8	.3	.2						6.1	10.4
VARBL													
CALM												7.3	
	10.2	21.3	35.9	22.7	2.3	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 57-78 JCT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER 1200-1400
 CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.4	0.1	4.5	.4	.1						13.7	9.8
NNE	.4	1.2	1.7	1.0	.2							4.5	8.5
NE	.4	.9	1.4	.5								3.0	7.0
ENE	.2	.6	.6	.2								1.7	7.0
E	.5	1.0	.5									2.0	5.3
ESE	.3	.5	1.0	.2								2.4	8.2
SE	.4	.8	3.0	2.4	.1							6.7	6.7
SSE	.2	1.0	4.0	3.3	.9	.2						10.2	10.7
S	.6	2.7	4.0	6.1	1.2	.3						15.9	11.0
SSW	.3	1.5	2.9	.7	.1							5.7	8.4
SW	.3	.6	1.5	.8	.1							3.3	9.0
WSW	.2	.8	1.7	1.5	.2							4.7	9.1
W	.1	.6	2.6	.6	.3							4.4	9.3
WNW	.4	.6	1.3	1.6	.5	.2						4.9	11.2
NW	.4	.5	1.6	2.2	.8	.3						5.8	11.5
NNW	.2	1.3	1.8	3.4	1.0							7.7	11.3
VARBL													
CALM												3.2	
	5.2	17.6	30.5	29.5	6.1	1.2						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 930

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

67-78
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.7	5.7	4.3	.1							14.9	8.0
NNE	.1	1.3	1.0	1.0								3.3	8.1
NE	.2	.6	1.0	.6								2.8	7.4
ENE		.6	.3									1.0	6.3
E	.5	.5	.5									1.6	5.1
ESE	.1	1.4	1.7	.4	.1							4.0	7.9
SE	.2	1.3	3.1	2.3	.1							7.0	9.3
SSE	.5	1.9	4.0	3.0	.6							10.1	9.6
S	1.4	2.2	4.0	6.0	1.3	.5						15.8	10.7
SSW	.3	1.3	1.1	1.0	.3							4.0	8.9
SW	.4	.8	1.5	.7								2.9	7.0
WSW	.6	1.4	1.1	.5	.1							3.8	7.3
W	.8	.9	1.9	.9	.1							4.5	7.7
WNW	.2	1.0	1.3	1.3	.8							4.5	10.7
NW	.2	1.4	2.7	1.9	.2	.1						6.6	9.7
NNW	.4	1.3	2.9	3.7	1.1							9.4	10.8
VARBL													
CALM												3.9	
	7.6	21.5	34.6	21.1	4.8	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949

DI FUTT AFB NF

69-78

UCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	4.7	4.5	2.7	.4							14.3	7.5
NNE	1.1	.9	1.3	.5								3.5	6.4
NE	.7	1.0	.6	.1								2.6	5.2
ENE	1.1	.3	.4	.1								1.9	4.7
E	1.3	1.5	.9									3.7	4.9
ESE	1.2	3.9	2.6	.3								8.7	5.9
SE	1.1	3.5	2.6	.6								7.8	6.2
SSE	.9	2.6	3.2	2.2	.1							8.9	8.0
S	.9	2.0	1.9	1.0	.3							6.8	8.3
SSW	.3	1.1	.3	.3								2.0	6.2
SW	1.3	.5	.1									1.9	2.9
WSW	1.2	.9										2.0	3.2
W	.6	1.2	.6	.2								2.7	5.4
WNW	.6	1.2	.4	.5								2.8	6.2
NW	1.3	2.5	2.2	.4								6.3	6.3
NNW	.6	2.4	1.4	1.6								6.0	7.7
VARBL													
CALM												18.4	
	16.2	30.1	23.3	11.1	.9							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 67-78 OCT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 2100-2300
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	3.3	2.0	.0							9.5	9.2
NNE	.0	.6	.6	.4								2.2	6.0
NE	.4	.8	.5	.1								1.8	5.4
ENE	1.1	.5	.5	.1								2.3	4.7
E	1.4	2.2	1.1	.1								4.7	5.2
ESE	1.0	4.0	1.9	.3								7.2	5.9
SE	.9	2.7	3.2	.3								7.1	6.6
SSE	1.0	1.5	3.7	1.3								7.4	8.1
S	1.3	2.4	2.3	2.0								8.7	8.2
SSW	.5	.4										1.0	3.4
SW	.5	.3	.4	.3								1.6	6.5
WSW	.3	.1	.1									.5	4.2
W	.4	.5	.3	.3								1.6	6.1
WNW	1.1	2.0	.8	.2	.2							4.3	6.1
NW	1.2	4.4	1.7	.4	.2							8.0	6.0
NNW	.4	1.5	1.2	1.3	.4							5.1	9.0
VARBL													
CALM												27.1	
	12.7	26.3	21.7	10.0	1.5							100.0	5.1

NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAO

SURFACE WINDS

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

STATION 14949 OFFUTT AFB NE STATION NAME OFFUTT AFB NE YEARS 69-78 UCT UCT
STATION STATION NAME YEARS UCT
 ALL WEATHER ALL
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	4.3	2.0	.3	.0						11.7	8.6
NNE	.4	1.0	1.2	.6	.0							3.2	7.6
NE	.6	.9	.9	.4	.0							2.7	6.5
ENE	.5	.5	.6	.1								1.7	5.9
E	.9	1.5	.8	.1								3.3	5.1
ESE	.9	2.0	1.9	.4	.0							5.8	6.2
SE	.9	2.3	2.9	1.2	.1							7.3	7.4
SSE	.9	2.2	3.2	2.0	.2	.0						8.6	8.4
S	1.2	2.4	3.1	3.0	.4	.1						10.3	9.0
SSW	.6	.8	.8	.4	.1							2.6	7.0
SW	.5	.4	.6	.3	.0							1.8	6.9
WSW	.5	.6	.6	.4	.0							2.1	7.0
W	.7	.8	1.1	.4	.1							3.0	7.0
WNW	.6	1.2	1.1	.5	.3	.0						4.1	8.5
NW	.9	2.3	2.1	1.2	.2	.1						6.6	7.7
NNW	.6	1.5	1.5	2.3	.5	.0						6.4	9.7
VARBL													
CALM												19.3	
	11.6	23.7	25.7	16.3	2.2	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 67-78
 STATION STATION NAME YEARS
 ALL WINDS
 CLASS
 CONDITION
 MONTH: JULY
 HOURS (L.S.T.): 0000-0200

SPEED (KNTS) DIR.	1-3	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	1.9	4.9	2.4		.4						10.6	9.0
NNE	.6	.4	1.2	.7								2.9	7.8
NE	.3	1.0	1.0	.2								2.6	6.7
ENE	.1	.2	.4									.8	7.1
E	1.2	2.1	.9									4.2	4.6
ESE	1.3	2.2	1.3	.4								5.3	5.6
SE	1.3	2.1	1.4	.3								5.2	5.6
SSE	1.1	1.1	2.3	.4								5.0	6.6
S	1.0	1.4	1.3	.3	.2							4.3	6.6
SSW	1.0	.9	.2	.3								2.4	5.2
SW	.6	.6										1.1	3.4
WSW	.2	.2	.1	.1								.7	6.0
W	.8	.8	.9									2.4	5.3
WNW	.7	2.0	2.0	.6	.6							6.3	7.9
NW	.8	3.4	3.4	1.4	.4		.1					9.7	8.3
NNW	.8	1.4	2.6	2.4	.6	.7	.2					8.7	11.2
VARBL													
CALM												27.8	
	12.8	22.4	24.1	9.3	1.8	1.4	.3					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAO

SURFACE WINDS

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

14949

WRIGHT AFB NC

67-78

NDV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	3.7	2.7	.3							0.9	8.9
NNE	.4	1.1	1.4	.9								3.9	7.9
NE	.9	1.0	.4	.4								2.8	6.2
ENE	.3	.3	.2									.9	4.5
E	1.3	1.9	1.3	.4								5.0	5.8
ESE	1.0	2.2	.6	.5	.1							4.2	5.8
SE	1.3	2.0	1.2	.6								5.1	5.8
SSE	1.4	2.0	1.6	.1								5.0	5.5
S	1.1	2.7	.9	.4	.1							4.9	5.9
SSW	.8	.9	.6	.7								2.4	5.6
SW	.6	.6	.2									1.3	4.2
WSW	.7	.8	.2									1.7	4.4
W	.7	1.7	1.2									3.8	5.1
WNW	.4	1.9	1.8	.8	.3	.4						5.7	9.1
NW	1.0	3.8	3.2	1.4	1.2							10.7	8.6
NNW	.6	1.9	1.6	2.0	.8	.4						7.2	10.4
VARBL													
CALM												24.8	
	14.0	27.0	20.1	10.3	2.9	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

14949

DI FULT AFB NE

67-78

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WFTHP

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.0	4.2	2.1	.2							10.1	8.4
NNE	.3	1.1	1.4	.6	.1							3.6	7.9
NE	.9	1.2	.5	.5	.1							3.6	6.9
ENE	.2	.7	.2	.2								1.3	6.3
E	1.0	1.9	1.0	.2								4.7	5.1
ESE	.9	2.7	1.9	.4								5.9	6.4
SE	1.1	1.0	2.7									5.3	6.0
SSE	1.0	1.9	2.3	.1								5.9	5.6
S	1.4	2.1	.9	.3								4.8	5.3
SSW	.6	1.0	.2									1.8	4.7
SW	.8	.7	.1									1.6	3.6
WSW	1.0	.7	.7	.6								2.6	5.5
W	1.2	1.0	.9	.1	.1							3.3	5.5
WNW	.7	1.3	1.2	.7	.4	.4						4.6	8.8
NW	.8	2.9	3.4	1.4	.4	.4						9.4	8.6
NNW	.7	1.7	2.3	2.1	1.4	.4						8.9	11.1
VARBL													
CALM												22.8	
	14.2	22.3	24.1	9.6	2.9	1.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.7	3.0	3.2	1.0							10.3	10.0
NNE	.2	1.6	1.8	1.4	.3							5.3	8.9
NE	.8	.9	1.2	.7								3.3	7.3
ENE	.3	.9	.2									1.4	5.2
E	.2	1.6	1.3									3.1	6.4
ESE	.6	1.3	2.4	.6								4.9	7.4
SE	.4	2.4	3.3	1.2								7.4	7.8
SSE	.9	2.7	2.9	1.2								7.7	7.4
S	1.4	3.7	4.9	1.3								11.3	7.2
SSW	.9	.7	.8		.1							2.4	5.5
SW	.3	.6	.7	.7								2.2	5.7
WSW	.2	1.2	1.2	.3								3.0	7.1
W	.7	1.7	1.9	.7	.1							5.0	7.4
WNW	.7	1.8	2.1	1.8	.8	.2	.1	.1				7.6	10.4
NW	.9	1.1	1.8	3.0	1.4	.1	.3					8.7	11.9
NNW	.2	1.1	2.2	3.4	1.3	.7						9.7	12.9
VARBL													
CALM												7.2	
	9.9	24.8	32.3	19.1	5.1	1.0	.4	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

67-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.7	4.2	4.2	.0	.1						11.7	10.6
NNE	.1	1.4	1.4	.7	.2	.0						4.2	10.1
NE	.7	1.3	1.2	.1								3.3	6.0
ENE	.1	.0	.4	.1								1.2	6.5
E	.2	1.1	.7	.1								2.4	5.7
ESE	.3	1.2	2.0	.3								3.9	7.4
SE	.0	1.7	2.8	1.0	.1							6.7	8.7
SSE	.4	1.3	3.1	1.2	.1							5.9	8.8
S	1.2	2.3	5.0	2.6	.1							11.2	8.4
SSW	.3	1.2	1.7	.2								4.1	8.0
SW	.4	1.1	1.0	.4	.2							3.2	7.8
WSW	.4	1.0	1.1	.6	.1							3.8	7.4
W	1.2	1.0	1.7	1.3	.3							6.3	7.7
WNW	.2	1.2	1.0	2.1	1.2							6.7	11.4
NW	.2	1.1	3.0	3.4	1.8	1.1	.2					10.9	13.5
NNW	.1	.8	1.0	2.0	1.0	.1	.2					10.3	13.9
VARBL													
CALM												3.1	
	7.3	21.4	32.7	26.0	6.3	1.7	.4					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 59-78 NOV
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.4	4.3	4.6	1.1							13.7	10.4
NNE	.3	1.2	1.6	1.5	.4							4.0	9.5
NE	.3	1.2	1.3	.1								3.0	6.6
ENE	.4	.8	.4	.1								1.6	5.1
E	.7	1.2	.6	.1								2.6	5.7
ESE	.5	1.6	1.6	.5								4.6	6.8
SE	.3	1.3	2.4	1.7								6.0	9.0
SSE	.7	1.7	3.7	1.7								7.7	8.2
S	.6	2.9	4.0	1.7	.3							9.7	8.2
SSW	1.0	.7	2.2	.2								4.1	6.5
SW	.7	1.9	1.4	.2								4.7	5.9
WSW	.7	1.0	.9	.2	.1							2.9	6.5
W	.5	1.1	1.1	.7	.1							3.6	7.7
WNW	.3	1.2	1.8	2.3	.8	.3						6.8	11.1
NW	.4	1.1	3.3	3.2	.9	.3	.1					9.4	11.6
NNW	.4	1.0	2.3	4.4	2.1	.4	.3					11.1	13.0
VARBL													
CALM												5.3	
	9.0	22.3	32.8	23.1	5.7	1.1	.4					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION 14949 OFFUTT AFB NE STATION NAME 67-78 YEARS NDV
 MONTH 1800-2000
 CLASS ALL WEATHER
 HOURS (LST) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	3.1	3.1	.0		.1					10.3	9.9
NNE	.7	1.3	1.9	1.0								4.9	7.7
NE	.4	1.4	.7									2.6	5.6
ENE	.1	1.0										1.1	4.7
E	.7	1.9	1.1	.2								4.1	5.6
ESE	1.0	2.7	1.0	.7								5.1	5.5
SE	1.0	1.6	1.7	1.1								5.6	7.7
SSE	1.3	2.2	1.3	1.4	.1							6.5	7.1
S	2.7	2.3	2.1	.6								7.7	5.4
SSW	1.2	.4	.6									2.2	4.4
SW	.6	.4										1.0	3.1
WSW	.3	.4	.3									1.1	5.2
W	.7	1.0	.3	.2		.1						2.3	6.5
WNW	.0	1.2	1.3	.6	.2	.1						4.0	8.2
NW	1.2	2.8	3.9	1.7	.8							9.9	8.4
NNW	1.0	1.2	4.0	2.9	1.4	.2	.1					10.9	10.8
VARBL													
CALM												20.6	
	14.7	24.4	23.0	13.3	3.3	.4	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 897

4
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 OFFUTT AFB NE 69-78 NOV

STATION STATION NAME YEARS MONTH

ALL WINDS

CLASS 2100-2300

CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.4	1.7	3.3	3.3	.2	.3	.1					9.5	10.3
NNE	.4	1.3	1.3	.8								4.3	7.6
NE	.3	.4	1.1	.2								2.1	6.9
ENE	.2	.6	.6									1.3	6.1
E	1.3	1.7	.4									3.5	4.3
ESE	1.4	2.5	.2	.4								5.2	5.4
SE	2.2	1.1	1.3	.7								5.4	5.7
SSE	1.2	2.1	2.0	.5								6.9	7.0
S	1.4	2.5	2.1	.4	.1							6.6	6.3
SSW	.0	.9	.6	.2								2.2	5.4
SW	.6	.2	.2	.1								1.1	5.0
WSW	.4	.2	.1									.8	4.5
W	.3	.2	.7	.3								2.2	7.0
WNW	.3	2.8	1.2	.6	.4	.1						5.7	8.4
NW	.8	3.2	3.6	1.4	.6	.1						9.7	8.1
NNW	.7	1.4	2.8	3.7	.9	.2	.1					9.8	10.8
VARBL													
CALM												23.6	
	12.8	23.5	23.5	13.3	2.6	.0	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DIFFUTT AFB NF
STATION NAME

67-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.0	3.9	3.3	.5	.1	.0					10.7	9.7
NNE	.4	1.2	1.0	.9	.1	.0						4.3	8.5
NE	.0	1.1	.7	.3	.0							2.9	6.5
ENE	.7	.6	.3	.1								1.2	5.6
E	1.0	1.7	.9	.1								3.7	5.3
ESE	.9	2.0	1.5	.4	.0							4.8	6.2
SE	1.0	1.8	2.1	.9	.0							5.8	7.1
SSE	1.1	2.0	2.5	1.9	.0							6.5	7.1
S	1.4	2.4	2.7	1.9	.1							7.6	7.0
SSW	.0	.8	.4	.2	.0							2.7	6.0
SW	.0	.8	.5	.1	.0							2.0	5.5
WSW	.5	.8	.6	.2	.0							2.1	6.2
W	.8	1.2	1.1	.4	.1	.0						3.6	6.7
WNW	.5	1.8	1.6	1.2	.6	.2	.0	.0				5.9	9.6
NW	.8	2.4	3.2	2.1	.9	.3	.1					9.9	9.9
NNW	.0	1.3	2.4	3.4	1.3	.4	.1					9.5	11.8
VARBL													
CALM												16.9	
	11.8	23.9	20.6	12.7	3.8	1.0	.3	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

7194

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

OFFUTT AFB NE
STATION NAME

66-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.8	3.4	2.7	.0							10.4	8.9
NNE	.4	.9	1.3	.1	.1							2.8	7.2
NE	.8	.5	.8	.2								2.4	6.1
ENE	.2	.6	.8									1.6	6.1
E	1.1	1.8	.9	.2								4.0	5.4
ESE	1.6	2.7	1.8	.6								6.8	6.0
SE	.9	2.5	2.2	.6								6.1	6.5
SSE	1.0	2.2	2.4	.5								6.0	6.5
S	1.0	2.3	.9									4.1	5.1
SSW	.2	.5	.5	.1								1.4	6.4
SW	.3	.8	.1	.1								1.3	5.1
WSW	.1	.8										.9	4.4
W	.6	2.0	.6	.1	.1	.1						3.7	6.4
WNW	1.1	1.4	1.2	1.0	.2	.2						5.2	9.0
NW	1.2	3.4	2.6	2.5	.8	.2						10.6	8.9
NNW	.6	1.1	2.5	3.5	1.2	.2						9.2	11.1
VARBL													
CALM												23.5	
	12.0	20.2	21.8	12.5	3.0	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949 DEPUTY AFD NR 00-77
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 0300-0500
 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	.9	7.3	2.8	2.4	.4							9.2	9.1
NNE	.3	.9	1.0	.5								2.7	7.6
NE		.8	.6	.2								1.6	7.5
ENE	.1	.4	.6									2.0	5.3
E	1.1	3.1	.3	.2								4.7	4.9
ESE	1.1	2.9	1.7	.6								6.3	6.1
SE	.8	2.3	2.0	.4								6.0	6.6
SSE	.5	1.5	2.0	.0								4.7	7.3
S	1.0	1.1	.6	.3								3.0	5.4
SSW	.3	.6	.4									1.5	5.7
SW	.6	.4	.4	.1	.1							1.7	6.0
WSW	.5	.8	.5			.1						1.9	5.9
W	1.1	1.2	1.2			.2						3.7	6.3
WNW	1.0	1.9	1.0	1.1	.4	.1						5.5	8.4
NW	1.0	2.2	2.9	3.2	1.0	.3						10.5	10.2
NNW	.5	1.2	3.2	4.4	.6	.1						10.1	10.9
VARBL													
CALM												24.6	
	1.5	23.5	22.6	14.1	2.0	.7						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

REFUTT AFB NE
STATION NAME

66-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.0	3.2	3.4	.2	.1						10.0	9.3
NNE	.2	.6	.9	.6								2.5	8.9
NE	.5	.5	.6	.5								2.0	6.7
ENE	.8	1.0	1.0	.2								2.9	5.6
E	1.0	1.3	1.3	.4								3.8	5.9
ESE	1.0	2.2	2.2	.5								5.6	6.4
SE	1.4	2.8	3.3	1.1								8.6	7.0
SSE	.8	2.2	1.9	.4								5.3	6.5
S	1.3	.9	1.0	.2								3.7	5.4
SSW	.7	.7	.2									1.6	3.5
SW	.3	.3	.2									1.3	3.9
WSW	.5	.9	.4	.1								1.9	5.4
W	.4	1.5	1.1	.2	.2							3.4	7.3
WNW	.8	1.9	1.2	.6	.9	.3						5.7	9.7
NW	.6	3.0	2.6	1.7	.6	.6						9.2	9.7
NNW	1.0	1.7	3.2	3.7	1.3	.3						11.2	10.7
VARBL													
CALM												21.6	
	12.3	23.9	24.3	13.3	3.2	1.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14940
STATION

DI FUTT AFD NF
STATION NAME

66-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.2	1.7	3.9	3.2	.0							9.7	10.2
NNE	.3	.5	1.1	.5								2.5	8.3
NE	.2	1.2	.9	.4								2.7	6.9
ENE	.5	1.1	1.1	.1								2.8	5.9
E	.4	1.0	1.3	.3								3.3	6.4
ESE	.2	1.5	1.6	.9								4.2	8.0
SE	.6	2.2	3.0	1.9	.2							9.0	8.5
SSE	.9	1.7	2.6	1.1								6.2	7.6
S	1.3	2.9	3.1	.6								8.0	6.6
SSW	.5	1.4	.6	.3								2.9	6.0
SW	.2	1.1	.6	.1								2.0	6.5
WSW	.2	1.1	.8	.1								2.2	6.4
W	.5	1.6	1.7	.7		.1						4.8	8.2
WNW	.4	1.2	2.0	1.6	.6	.4	.1					6.5	10.9
NW	.6	1.5	2.3	2.6	1.3	.3						8.6	11.1
NNW	.3	1.0	2.6	4.1	2.4	.4						10.8	13.0
VARBL													
CALM												14.9	
	8.0	22.6	29.1	18.8	5.2	1.1	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14940 STATION DEFULT AFB NE 66-77 YEARS DEC
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	3.9	4.4	.5							9.9	10.8
NNE	.2	.9	1.0	.4								2.5	7.3
NE	.2	1.5	1.0	.4								3.1	6.9
NNE	.3	1.7	.6	.1	.1							2.9	6.0
E	.5	1.8	1.7	.5								4.1	6.8
ESE	.3	1.0	1.1	1.0								3.3	8.1
SE	.5	1.9	2.3	1.0	.2							6.6	8.3
SSE	.5	1.9	3.3	1.0								6.8	7.8
S	.6	2.8	4.5	2.0								10.0	8.3
SSW	.4	1.5	1.6	.5								4.3	7.2
SW	.3	1.0	1.4	.5								3.0	7.0
WSW	.0	1.4	1.5	.1	.1							3.8	6.7
W	.0	1.3	1.8	1.0	.1	.1	.2					5.9	10.2
WNW	.3	.8	2.0	3.0	1.3	.1						7.6	12.1
NW	.5	1.6	1.7	3.5	1.5	.6						9.6	12.1
NNW	.3	1.4	2.5	3.7	2.0	1.1						11.0	13.1
VARBL													
CALM												5.7	
	6.6	23.5	31.0	24.3	5.9	2.4	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 WRIGHT AFB NC STATION NAME WRIGHT AFB NC YEARS 66-77 MONTH DEC
 CLASS ALL WEATHER HOURS (LST) 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	1.8	3.8	3.3	.6	.3						10.3	10.1
NNE	.2	1.0	1.2	.6	.1							3.1	8.5
NE	.3	1.6	1.2	.1								3.2	6.4
ENE	.4	.6	.5	.2								1.8	6.1
E	1.5	1.5	1.4	.5								5.2	6.3
ESE	.9	1.4	1.9	.4								4.6	6.8
SE	.4	2.3	2.7	1.2								6.8	7.7
SSE	.8	2.4	3.8	.6								7.6	7.2
S	1.0	2.9	3.3	.5	.1							8.1	7.1
SSW	.2	.6	1.2	.3								2.4	7.6
SW	.9	1.3	.9	.7								3.2	5.7
WSW	.6	.6	.6	.2								2.2	6.0
W	1.1	1.9	1.5	.5	.1							5.4	6.7
WNW	.6	1.5	2.0	2.0	.6	.2						8.3	10.9
NW	.8	1.1	1.9	3.7	1.2	.4						9.0	11.9
NNW	.2	1.3	2.6	5.1	1.8	.2	.1					11.3	12.5
VARBL													
CALM												7.5	
	10.4	24.1	30.5	21.0	4.6	1.7	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 STATION NAME DIFUTT AFB NE YEARS 66-77 MONTH UEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	3.0	3.5	2.4	1.0	.1						10.5	2.7
NNE	.2	1.1	1.3	1.0								3.5	8.2
NE	.0	1.3	1.2	.4	.1							3.0	6.7
ENE	.0	1.2	1.1									2.9	5.6
E	1.9	2.3	1.0	.0								5.9	5.0
ESE	1.5	2.9	1.2	.5								6.1	5.7
SE	1.1	2.9	1.0	1.1								6.9	6.7
SSE	.5	2.5	1.7	.2								4.9	6.0
S	1.9	1.7	.8	.1								4.5	4.0
SSW	.4	.6	.1									1.2	4.1
SW	.4	.8	.2									1.8	3.9
WSW	.4	.9										1.3	3.9
W	.7	1.0	.4	.2	.3	.1						2.9	7.4
WNW	.4	.6	1.4	.0	.3	.1	.2					3.8	10.7
NW	.4	1.5	1.8	2.0	1.0	.2						7.0	10.9
NNW	.4	1.3	3.8	3.5	1.6	.1						10.8	11.2
VARBL													
CALM												27.2	
	13.0	25.5	21.3	12.9	4.3	.6	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14949 DI FULT AFB STATION NAME DI FULT AFB YEARS 61-77 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	4.1	3.3	.3	.1						10.8	9.6
NNE	.2	1.8	1.5	.6	.1							4.3	7.7
NE	.6	.8	.8	.5								2.8	6.4
NNE	.4	1.1	.6	.2								2.4	5.8
E	1.5	2.2	1.3	.5								5.3	5.2
ESE	.3	1.5	3.2	.4								5.9	7.0
SE	1.2	3.0	2.4	.7								7.4	6.4
SSE	1.3	2.4	1.9	.1								5.7	5.8
S	1.2	1.8	1.1	.1								4.2	5.1
SSW	.0	.6										1.3	3.5
SW	.2	.2	.1									.5	4.7
WSW	.3	.5	.1									1.4	3.7
W	.9	.3	.3	.4	.3							2.0	8.4
WNW	1.0	1.8	1.6	.6	.1	.2	.3					5.7	8.8
NW	.8	3.7	2.9	.5	1.2	.2						9.2	8.5
NNW	.1	1.0	1.1	4.0	1.0	.3						8.3	12.6
VARBL													
CALM												27.8	
	11.7	25.1	23.0	13.0	3.0	.7	.3					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIM TOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DIFUTT AF, 14F
STATION NAME

58-77
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	.5	2.2	3.0	3.2	.0	.1						10.1	9.7
NNE	.3	1.0	1.1	.0	.0							3.0	8.0
NE	.4	1.0	.9	.0	.0							2.7	6.7
ENE	.5	1.0	.8	.1	.0							2.4	5.8
E	1.2	1.9	1.1	.4								4.5	5.7
ESE	.9	2.0	1.8	.0								5.4	6.6
SE	.7	2.5	2.5	1.1	.1							7.0	7.2
SSE	.8	2.1	2.5	.0								5.9	6.9
S	1.2	2.0	1.9	.7	.0							5.6	6.4
SSW	.5	.8	.0	.7								2.1	6.0
SW	.5	.7	.5	.1	.0							1.9	5.6
WSW	.5	.9	.5	.1	.0	.0						1.9	5.7
W	.7	1.4	1.1	.2	.1	.1	.0					4.0	7.7
WNW	.7	1.4	1.0	1.7	.0	.1	.1					6.0	10.2
NW	.7	2.2	2.3	2.2	1.1	.4						9.2	10.3
NNW	.5	1.2	2.7	4.1	1.5	.3	.0					10.3	11.2
VARBL													
CALM												17.9	
	10.7	24.3	25.5	16.3	4.0	1.2	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

14949

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION: 14949 STATION NAME: DUFFT AFB YEARS: 61-78 MONTH: ALL
 CLASS: ALL WFT, THE HOUR (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	.8	2.0	3.5	2.6	.4	.1	.0					9.5	9.3
NNE	.6	1.2	1.4	.7	.1	.1						4.0	7.7
NE	.7	1.3	1.1	.4	.0	.1						3.5	6.6
ENE	.6	1.1	.8	.2	.0	.0						2.7	5.9
E	1.3	2.3	1.5	.5	.0	.2						5.5	6.0
ESE	1.0	2.2	1.7	.6	.1	.0	.0					6.1	6.7
SE	.9	2.4	2.7	1.3	.1	.1	.0					7.5	7.7
SSE	1.0	2.1	3.0	1.7	.2	.1	.0					8.2	8.3
S	1.2	2.3	3.3	2.0	.2	.1	.0					9.1	8.3
SSW	.2	.9	.9	.4	.0	.0						2.8	7.1
SW	.2	.7	.7	.2	.1	.1	.0					2.3	7.1
WSW	.5	.7	.6	.6	.0	.1		.0				2.1	6.7
W	.6	.9	.8	.4	.1	.1	.0	.0				2.9	7.3
WNW	.5	1.1	1.1	.6	.3	.1	.0	.0				3.9	8.8
NW	.7	2.0	2.1	1.7	.2	.2	.0	.0				7.2	9.4
NNW	.2	1.2	1.9	2.2	.6	.2	.0	.0				7.0	11.1
VARBL													
CALM												15.7	
	11.8	24.6	27.0	16.6	3.1	.1	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 87639

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14949
STATION

DEPUTT AFB NE
STATION NAME

68-78
YEARS

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

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI w/ CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.3	0.5	0.0	1.1	.5	.1					18.5	10.1
NNE	.7	2.0	2.7	2.1	.3	.1						7.9	9.0
NE	.9	2.0	2.1	1.1	.1	.1						6.1	7.0
ENE	.8	1.9	1.3	.9	.0	.1						4.5	6.2
E	1.2	2.0	2.9	.7	.1							7.7	6.9
ESE	.8	1.0	2.5	1.4	.2	.0						6.5	8.0
SE	.8	2.1	2.5	1.2	.2	.1						6.8	8.0
SSE	.5	1.8	2.3	1.0	.1	.0						5.6	7.7
S	.9	1.8	1.9	.9	.0							5.1	6.6
SSW	.4	.0	.4	.1	.0							1.5	5.6
SW	.4	.4	.2	.0	.0							1.0	5.1
WSW	.3	.4	.2	.0	.0	.4						1.0	5.3
W	.3	.2	.4	.2	.1	.1	.0					1.5	8.0
WNW	.4	.6	.8	.9	.1	.2	.1	.0				2.5	9.9
NW	.0	1.2	1.3	1.2	.4	.3	.1	.0				5.0	10.3
NNW	.2	1.1	2.3	3.0	1.0	.3	.1					8.4	11.4
VARBL													
CALM												17.4	
	10.5	23.9	30.0	19.4	3.7	1.3	.3	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 9706

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.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100					95.4		96.9			98.3						
0																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 = 99.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14940
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	49.4	54.7	55.6	56.5	57.0	57.4	57.5	57.7	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	50.8	56.5	57.3	58.4	59.1	59.7	59.8	60.0	60.1	60.2	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	51.0	56.8	57.6	58.7	59.5	60.0	60.1	60.3	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	51.4	57.2	58.1	59.1	59.9	60.4	60.5	60.8	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	52.0	58.0	58.9	60.0	60.8	61.3	61.4	61.6	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	53.1	59.6	60.5	61.6	62.4	62.9	63.0	63.2	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	56.0	62.7	63.9	64.9	65.7	66.2	66.3	66.6	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	56.6	63.3	64.5	65.7	66.5	67.0	67.1	67.3	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	57.3	64.3	65.5	66.7	67.4	68.0	68.1	68.3	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	58.8	65.8	67.0	68.2	69.0	69.6	69.7	69.9	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	59.6	66.6	67.7	69.1	70.0	70.5	70.6	70.9	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	60.4	67.6	68.8	70.2	71.1	71.6	71.7	72.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	60.4	67.7	68.9	70.3	71.2	71.8	71.9	72.4	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	61.2	68.8	70.1	71.5	72.4	73.0	73.1	73.5	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	62.3	70.1	71.4	73.0	74.0	74.6	74.7	75.2	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	63.3	71.5	72.9	74.7	75.7	76.3	76.5	76.9	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	64.1	72.3	73.8	75.6	76.7	77.3	77.5	78.0	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	62.9	74.8	76.5	78.4	79.6	80.2	80.4	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	66.0	75.2	76.8	78.8	80.0	80.6	80.9	81.4	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	67.2	76.7	78.3	80.4	81.6	82.3	82.5	83.2	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	68.2	79.1	81.0	83.2	84.9	85.8	86.0	86.9	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	68.8	80.4	82.3	84.6	86.5	87.4	87.6	88.6	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	68.8	80.4	82.5	84.9	86.9	87.8	88.2	89.2	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	69.0	81.4	83.4	86.0	88.3	89.2	89.6	90.6	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700	69.2	81.7	84.0	86.8	89.6	90.9	91.5	92.8	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	69.2	81.8	84.1	87.1	90.0	91.4	92.2	93.8	94.4	95.4	95.9	95.9	96.0	96.1	96.1	96.1
≥ 400	69.2	81.8	84.1	87.1	90.1	91.8	92.7	94.4	95.6	96.6	97.1	97.1	97.2	97.3	97.6	97.6
≥ 300	69.2	81.8	84.1	87.1	90.1	91.8	92.7	94.5	96.2	97.3	97.8	97.8	98.1	98.2	98.6	98.6
≥ 200	69.2	81.8	84.1	87.1	90.1	91.8	92.7	94.7	96.5	97.7	98.3	98.3	98.7	98.9	99.4	99.4
≥ 100	69.2	81.8	84.1	87.1	90.1	91.8	92.7	94.7	96.5	97.7	98.3	98.3	98.8	99.4	99.9	99.9
≥ 0	69.2	81.8	84.1	87.1	90.1	91.8	92.7	94.7	96.5	97.7	98.3	98.3	98.8	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1974
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS TST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥0	
NO CEILING	45.5	50.2	51.7	52.9	53.5	53.9	54.1	54.4	54.5	54.5	54.6	54.6	54.8	54.9	54.9
≥ 20000	47.0	51.7	54.2	54.6	55.3	55.6	55.8	56.1	56.2	56.2	56.4	56.3	56.6	56.7	56.7
≥ 18000	47.1	51.9	53.4	54.9	55.6	55.9	56.1	56.5	56.6	56.6	56.7	56.7	56.9	56.9	57.0
≥ 12000	47.2	52.3	53.8	55.3	56.0	56.3	56.6	56.9	57.0	57.0	57.1	57.1	57.3	57.3	57.4
≥ 14000	47.6	52.7	54.3	55.8	56.6	56.9	57.1	57.4	57.5	57.5	57.6	57.6	57.8	57.8	58.0
≥ 12000	49.1	54.5	56.2	57.7	58.5	58.8	59.0	59.4	59.5	59.5	59.6	59.6	59.8	59.8	59.9
≥ 10000	52.6	58.3	60.0	61.5	62.3	62.6	62.8	63.1	63.2	63.2	63.3	63.3	63.5	63.5	63.7
≥ 9000	53.1	59.1	60.9	62.4	63.1	63.4	63.7	64.0	64.1	64.1	64.2	64.2	64.4	64.4	64.5
≥ 7000	54.7	61.2	63.1	64.7	65.5	65.8	66.0	66.3	66.5	66.5	66.6	66.6	66.8	66.8	66.9
≥ 6000	55.8	62.6	64.5	66.1	66.9	67.2	67.6	68.0	68.1	68.1	68.2	68.2	68.4	68.4	68.5
≥ 5000	57.2	64.2	66.1	67.8	68.6	68.9	69.4	69.7	69.8	69.8	69.9	69.9	70.1	70.1	70.2
≥ 4500	58.3	65.7	67.7	69.5	70.2	70.5	71.0	71.3	71.4	71.4	71.5	71.5	71.7	71.7	71.8
≥ 4000	58.8	66.6	68.6	70.3	71.1	71.4	71.8	72.2	72.3	72.3	72.4	72.4	72.6	72.6	72.7
≥ 3500	59.8	68.0	70.0	71.7	72.5	72.8	73.2	73.5	73.7	73.7	73.8	73.8	74.0	74.0	74.1
≥ 3000	60.1	68.5	70.5	72.4	73.1	73.7	74.1	74.4	74.5	74.5	74.7	74.7	74.9	74.9	75.1
≥ 2500	60.6	69.2	71.3	73.2	74.0	74.5	74.9	75.4	75.5	75.5	75.7	75.7	75.9	75.9	76.0
≥ 2000	61.7	70.4	72.6	74.6	75.4	76.0	76.5	77.0	77.1	77.1	77.3	77.3	77.5	77.5	77.6
≥ 1800	64.1	74.1	76.3	78.6	79.4	80.0	80.4	81.0	81.2	81.3	81.3	81.5	81.7	81.7	81.8
≥ 1500	64.6	75.1	77.3	79.7	80.4	81.1	81.5	82.0	82.3	82.4	82.6	82.6	82.8	82.8	82.9
≥ 1200	65.1	76.0	78.5	81.3	82.1	83.1	83.5	84.1	84.3	84.4	84.6	84.6	84.8	84.8	84.9
≥ 1000	65.8	77.1	79.8	82.8	84.0	84.8	85.4	85.9	86.1	86.2	86.5	86.5	86.7	86.7	86.8
≥ 900	66.3	78.0	80.8	83.8	84.9	85.8	86.5	87.0	87.2	87.5	87.7	87.7	88.0	88.0	88.1
≥ 800	66.5	78.6	81.7	84.7	86.0	86.9	87.5	88.3	88.5	89.0	89.5	89.5	89.7	89.7	89.8
≥ 700	66.7	79.0	82.3	85.4	87.0	88.1	88.7	89.7	90.0	90.5	91.0	91.0	91.2	91.2	91.3
≥ 600	66.8	79.6	82.9	86.3	88.3	89.5	90.2	91.2	91.6	92.2	92.6	92.7	92.9	93.0	93.2
≥ 500	66.8	79.7	83.1	86.6	88.7	90.0	91.2	92.3	92.7	93.2	93.8	93.9	94.2	94.3	94.5
≥ 400	66.8	79.7	83.1	86.7	89.0	90.6	92.3	93.8	94.3	95.2	95.7	95.8	96.2	96.5	97.0
≥ 300	66.8	79.7	83.1	86.7	89.0	90.8	92.4	94.0	94.6	95.5	96.1	96.2	96.7	96.9	97.4
≥ 200	66.8	79.7	83.1	86.8	89.2	91.0	92.8	94.8	95.6	96.5	97.2	97.3	98.0	98.2	98.9
≥ 100	66.8	79.7	83.1	86.8	89.2	91.0	92.8	94.8	95.6	96.5	97.2	97.3	98.0	98.3	99.1
≥ 0	66.8	79.7	83.1	86.8	89.2	91.0	92.8	94.8	95.6	96.5	97.2	97.3	98.0	98.3	99.1

TOTAL NUMBER OF OBSERVATIONS 940

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/IAAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	46.5	51.0	52.3	52.7	53.2	53.3	53.7	53.8	53.9	54.3	54.3	54.3	54.4	54.4	54.4	54.6
≥ 2000	48.2	53.1	54.4	55.1	55.7	55.8	56.1	56.2	56.3	56.8	56.8	56.8	56.9	56.9	56.9	57.1
≥ 18000	48.4	53.3	54.6	55.3	55.9	56.0	56.3	56.5	56.6	57.0	57.0	57.0	57.1	57.1	57.1	57.3
≥ 16000	48.7	53.9	55.2	55.8	56.5	56.6	56.9	57.0	57.1	57.5	57.5	57.5	57.6	57.6	57.6	57.8
≥ 14000	49.1	54.6	56.0	56.7	57.3	57.4	57.7	57.8	58.0	58.4	58.4	58.4	58.5	58.5	58.5	58.7
≥ 12000	50.0	55.6	57.0	57.6	58.3	58.4	58.7	58.8	58.9	59.4	59.4	59.4	59.5	59.5	59.5	59.7
≥ 10000	51.9	57.7	59.1	59.8	60.4	60.5	60.9	61.0	61.1	61.5	61.5	61.5	61.6	61.6	61.6	61.8
≥ 9000	52.5	58.4	59.8	60.4	61.1	61.2	61.5	61.6	61.7	62.2	62.2	62.2	62.3	62.3	62.3	62.5
≥ 8000	54.4	60.6	62.0	62.7	63.3	63.4	63.8	63.9	64.0	64.4	64.4	64.4	64.4	64.5	64.5	64.7
≥ 7000	56.1	62.9	64.3	64.9	65.6	65.8	66.2	66.3	66.6	67.0	67.0	67.0	67.1	67.1	67.1	67.3
≥ 6000	58.2	65.1	66.5	67.1	67.7	68.0	68.4	68.5	68.7	69.1	69.1	69.1	69.2	69.2	69.2	69.5
≥ 5000	59.1	66.3	67.8	68.6	69.2	69.5	69.9	70.0	70.2	70.6	70.6	70.6	70.6	70.8	70.8	71.0
≥ 4500	59.6	66.8	68.3	69.0	69.7	69.9	70.3	70.4	70.6	71.1	71.1	71.1	71.2	71.2	71.2	71.4
≥ 4000	61.3	68.9	70.4	71.2	72.0	72.4	72.8	72.9	73.1	73.5	73.5	73.5	73.7	73.7	73.7	73.9
≥ 3500	61.9	69.9	71.5	72.4	73.4	73.8	74.2	74.3	74.5	74.9	74.9	74.9	75.1	75.1	75.1	75.3
≥ 3000	63.0	71.4	73.0	73.9	75.1	75.6	76.0	76.1	76.3	76.8	76.8	76.8	76.9	76.9	76.9	77.1
≥ 2500	64.1	72.8	74.5	75.5	76.8	77.3	77.8	78.0	78.2	78.6	78.7	78.7	78.8	78.8	78.8	79.0
≥ 2000	62.9	75.1	77.0	78.1	79.6	80.1	80.6	81.0	81.4	81.8	81.9	81.9	82.0	82.0	82.0	82.3
≥ 1800	65.9	75.7	77.6	78.7	80.2	80.8	81.4	81.7	82.2	82.6	82.7	82.7	82.8	82.8	82.8	83.0
≥ 1500	66.1	76.6	78.7	80.2	81.7	82.3	82.9	83.2	83.8	84.3	84.5	84.5	84.6	84.6	84.6	84.8
≥ 1200	65.3	77.1	79.4	81.1	82.8	83.3	84.0	84.3	85.2	85.8	86.0	86.0	86.1	86.1	86.1	86.3
≥ 1000	66.9	78.2	80.5	82.5	84.3	84.9	85.8	86.1	87.0	87.6	88.0	88.1	88.2	88.2	88.2	88.4
≥ 900	66.9	78.2	80.6	82.7	84.6	85.3	86.2	86.6	87.4	88.1	88.4	88.6	88.7	88.7	88.7	88.9
≥ 800	67.0	78.5	81.2	83.4	85.7	86.5	87.4	88.2	89.4	90.2	90.5	90.8	90.9	90.9	90.9	91.1
≥ 700	67.2	78.9	81.7	84.1	86.5	87.3	88.6	89.4	90.6	91.7	92.4	92.6	92.7	92.8	92.8	93.0
≥ 600	67.3	79.0	81.8	84.2	86.9	87.7	89.0	89.9	91.2	92.4	93.2	93.4	93.5	93.7	93.7	93.9
≥ 500	67.3	79.1	81.9	84.5	87.3	88.2	89.8	90.8	92.0	93.4	94.4	94.6	94.9	95.2	95.2	95.4
≥ 400	67.3	79.1	81.9	84.6	87.5	88.6	90.4	91.5	92.9	94.5	95.6	95.8	96.3	96.7	96.9	97.3
≥ 300	67.3	79.1	81.9	84.6	87.5	88.7	90.6	91.9	93.3	95.2	96.5	96.7	97.2	97.5	97.7	98.2
≥ 200	67.3	79.1	81.9	84.6	87.5	88.7	91.0	92.5	94.0	96.1	97.6	97.8	98.5	98.8	99.1	99.7
≥ 100	67.3	79.1	81.9	84.6	87.5	88.7	91.0	92.5	94.0	96.1	97.6	97.8	98.5	98.8	99.2	99.9
≥ 0	67.3	79.1	81.9	84.6	87.5	88.7	91.0	92.5	94.0	96.1	97.6	97.8	98.5	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	43.7	48.7	49.4	49.6	50.4	50.5	50.9	51.1	51.1	51.7	51.7	51.7	51.8	51.8	51.8	52.0
≥ 2000	46.9	51.6	52.8	53.0	54.0	54.2	54.5	54.7	54.7	55.4	55.4	55.4	55.5	55.5	55.5	55.7
≥ 1800	47.3	52.0	53.2	53.4	54.4	54.6	54.9	55.2	55.2	55.8	55.8	55.8	55.9	55.9	55.9	56.1
≥ 1600	47.3	52.2	53.3	53.5	54.5	54.7	55.1	55.3	55.3	55.9	55.9	55.9	56.0	56.0	56.0	56.2
≥ 1400	48.1	53.2	54.4	54.6	55.6	55.8	56.1	56.3	56.3	57.0	57.0	57.0	57.1	57.1	57.1	57.3
≥ 1200	49.4	55.1	56.2	56.6	57.5	57.7	58.2	58.4	58.4	59.0	59.0	59.0	59.1	59.1	59.1	59.4
≥ 1000	51.7	57.7	58.9	59.2	60.2	60.4	60.9	61.1	61.1	61.7	61.7	61.7	61.8	61.8	61.8	62.0
≥ 900	52.2	58.6	59.8	60.1	61.1	61.3	61.7	61.9	61.9	62.6	62.6	62.6	62.7	62.7	62.7	62.9
≥ 800	54.9	61.8	63.0	63.3	64.3	64.5	64.9	65.2	65.2	65.8	65.8	65.8	65.9	65.9	65.9	66.1
≥ 700	58.5	63.4	64.6	64.9	66.1	66.3	66.9	67.1	67.1	67.7	67.7	67.7	67.8	67.8	67.8	68.1
≥ 600	58.6	65.9	67.1	67.4	68.7	68.9	69.5	69.7	69.7	70.3	70.3	70.3	70.4	70.4	70.4	70.6
≥ 500	60.3	68.0	69.6	69.9	71.3	71.5	72.0	72.4	72.5	73.1	73.1	73.1	73.2	73.2	73.2	73.4
≥ 450	60.9	68.5	70.1	70.4	71.8	72.0	72.6	72.9	73.0	73.7	73.7	73.7	73.8	73.8	73.8	74.0
≥ 400	62.4	70.9	72.6	72.9	74.4	74.7	75.5	75.8	75.9	76.6	76.6	76.6	76.7	76.7	76.7	76.9
≥ 350	63.0	71.7	73.4	73.8	75.3	75.6	76.5	76.8	76.9	77.5	77.5	77.5	77.6	77.6	77.6	77.8
≥ 300	63.4	72.5	74.2	74.5	76.1	76.5	77.4	78.0	78.1	78.7	78.7	78.7	78.8	78.8	78.8	79.0
≥ 250	64.2	73.5	75.3	75.7	77.3	77.7	78.8	79.5	79.6	80.3	80.3	80.3	80.4	80.4	80.4	80.6
≥ 200	66.6	76.3	78.2	78.8	80.5	81.0	82.4	83.1	83.3	84.3	84.4	84.4	84.5	84.5	84.5	84.7
≥ 1800	66.8	76.9	78.8	79.5	81.2	81.6	83.0	83.8	84.0	84.9	85.1	85.1	85.2	85.2	85.2	85.4
≥ 1500	67.5	78.1	80.2	81.0	83.1	83.5	84.9	86.1	86.3	87.3	87.5	87.5	87.6	87.6	87.6	87.8
≥ 1000	67.8	79.9	81.2	82.2	84.4	84.8	86.2	87.4	87.6	88.6	88.8	88.8	88.9	88.9	88.9	89.1
≥ 900	68.4	79.8	82.3	83.5	85.8	86.2	87.8	89.2	89.5	90.4	90.8	91.0	91.4	91.4	91.4	91.6
≥ 800	68.4	80.8	83.2	84.5	86.9	87.4	89.6	91.2	91.4	92.6	93.0	93.2	93.7	93.7	93.7	93.9
≥ 700	68.4	80.9	83.3	84.7	87.2	87.8	90.1	92.0	92.3	93.8	94.2	94.4	94.8	95.1	95.2	95.4
≥ 600	68.4	80.9	83.3	84.7	87.2	87.8	90.1	92.2	92.7	94.2	94.6	94.8	95.4	95.6	95.7	96.1
≥ 500	68.4	80.9	83.3	84.9	87.5	88.2	90.5	92.6	93.4	95.4	95.9	96.1	96.7	97.0	97.3	97.5
≥ 400	68.4	80.9	83.3	84.9	87.5	88.2	90.5	92.6	93.4	95.5	96.0	96.2	96.9	97.3	97.6	98.0
≥ 300	68.4	80.9	83.3	84.9	87.5	88.2	90.5	92.8	93.7	95.9	96.5	96.7	97.5	98.1	98.4	99.0
≥ 200	68.4	80.9	83.3	84.9	87.5	88.2	90.5	93.0	93.9	96.1	96.9	97.2	98.3	98.8	99.2	99.9
≥ 100	68.4	80.9	83.3	84.9	87.5	88.2	90.5	93.0	93.9	96.1	96.9	97.2	98.3	98.8	99.2	100.0
≥ 0	68.4	80.9	83.3	84.9	87.5	88.2	90.5	93.0	93.9	96.1	96.9	97.2	98.3	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 940

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

TFFUTT AFU NF
STATION NAME

0-78
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.7	≥1.5	≥1	≥1	≥1	≥1	≥1.6	≥1	≥0
NO CEILING	48.8	54.4	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	51.9	58.1	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
18000	52.2	58.4	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
16000	52.6	58.8	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
14000	53.4	59.9	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
12000	54.3	60.8	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
10000	56.1	62.8	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
9000	56.7	63.3	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
8000	58.7	65.7	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
7000	60.2	67.7	68.8	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
6000	61.7	69.4	70.4	70.8	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
5000	63.4	71.4	72.5	72.8	73.1	73.7	74.1	74.2	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5
4500	64.5	72.6	73.7	74.0	74.3	74.8	75.4	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8
4000	67.1	75.4	76.5	76.8	77.1	77.6	78.2	78.3	78.5	78.6	78.8	78.9	78.9	78.9	78.9	78.9
3500	68.2	76.7	77.7	78.1	78.4	78.9	79.5	79.6	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2
3000	68.8	78.0	79.0	79.4	79.7	80.2	80.8	80.9	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5
2500	69.7	79.0	80.1	80.4	80.8	81.3	81.9	82.2	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.8
2000	71.3	81.0	82.2	82.5	82.9	83.5	84.2	84.6	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.4
1800	71.9	82.0	83.3	83.8	84.2	84.8	85.5	85.9	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7
1500	73.0	83.9	85.4	85.8	86.3	87.0	87.6	88.2	88.5	88.6	88.8	88.9	88.9	88.9	88.9	88.9
1200	74.2	85.7	87.3	87.8	88.5	89.1	89.9	90.6	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4
1000	74.4	86.0	88.0	88.7	89.7	90.3	91.2	92.0	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9
900	74.4	86.1	88.1	88.8	89.9	90.5	91.5	92.4	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2
800	74.4	86.3	88.3	89.1	90.2	91.2	92.3	93.2	94.0	94.5	94.9	95.1	95.2	95.2	95.2	95.2
700	74.5	86.5	88.4	89.4	90.5	91.5	92.7	93.9	94.6	95.2	95.7	95.8	95.9	95.9	95.9	95.9
600	74.5	86.5	88.6	89.6	90.6	91.9	93.1	94.3	95.1	95.8	96.5	96.6	96.9	96.9	96.9	96.9
500	74.5	86.5	88.7	89.7	91.0	92.0	93.3	94.6	95.5	96.2	96.9	97.0	97.5	97.5	97.5	97.5
400	74.5	86.5	88.7	89.8	91.1	92.2	93.5	94.9	95.8	96.9	97.5	97.6	98.4	98.4	98.4	98.4
300	74.5	86.5	88.7	89.8	91.1	92.2	93.5	95.2	96.2	97.6	98.3	98.5	99.2	99.4	99.6	99.8
200	74.5	86.5	88.7	89.8	91.1	92.2	93.5	95.2	96.2	97.7	98.4	98.6	99.4	99.6	99.8	100.0
100	74.5	86.5	88.7	89.8	91.1	92.2	93.5	95.2	96.2	97.7	98.4	98.6	99.4	99.6	99.8	100.0
0	74.5	86.5	88.7	89.8	91.1	92.2	93.5	95.2	96.2	97.7	98.4	98.6	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.5	≥1	≥0.7	≥0.5	≥0.3	≥0.25	≥0.2	≥0	
NO CEILING	51.0	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3
≥ 20000	55.9	59.4	59.8	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5
≥ 18000	50.0	57.6	60.0	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.8
≥ 16000	56.0	59.8	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0
≥ 14000	57.7	61.6	62.0	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8
≥ 12000	59.1	63.2	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5
≥ 10000	60.9	64.9	65.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3
≥ 9000	61.4	65.5	65.9	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9
≥ 8000	62.3	66.3	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.1
≥ 7000	63.4	67.7	68.5	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8
≥ 6000	64.9	69.4	70.1	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4
≥ 5000	67.5	72.2	72.9	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4
≥ 4500	68.4	73.3	74.1	75.1	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0
≥ 4000	69.9	75.2	75.9	76.9	77.3	77.6	77.6	77.7	77.7	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.2
≥ 3500	70.6	75.2	77.1	78.2	78.6	78.9	78.9	78.9	79.0	79.0	79.0	79.2	79.4	79.4	79.4	79.4	79.5
≥ 3000	71.8	77.8	78.8	79.9	80.4	80.6	80.6	80.8	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.2
≥ 2500	72.6	79.0	80.0	81.1	81.5	81.9	81.9	82.4	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8
≥ 2000	74.7	81.7	82.8	84.2	84.6	85.1	85.1	85.5	85.5	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.1
≥ 1800	75.1	82.3	83.3	84.7	85.2	85.6	85.6	86.0	86.0	86.0	86.2	86.5	86.5	86.6	86.6	86.6	86.7
≥ 1500	75.5	83.3	84.5	85.9	86.4	86.8	86.8	87.2	87.2	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.8
≥ 1400	76.5	84.6	86.1	87.6	88.5	89.0	89.5	89.9	89.9	89.9	90.3	90.8	90.8	90.9	90.9	90.9	91.0
≥ 1200	76.7	85.4	87.2	88.9	90.2	91.1	91.0	92.5	92.5	92.5	92.9	93.3	93.3	93.4	93.4	93.4	93.5
≥ 1000	76.7	85.4	87.2	88.9	90.4	91.3	91.5	92.9	93.1	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.2
≥ 900	76.7	85.7	87.5	89.4	91.0	91.8	91.8	93.0	93.5	93.5	94.5	94.9	94.9	95.1	95.1	95.1	95.2
≥ 800	76.7	85.7	87.5	89.4	91.0	91.8	91.8	93.0	93.9	94.2	94.8	95.3	95.3	95.4	95.4	95.4	95.5
≥ 700	76.7	85.7	87.6	89.6	91.4	92.3	92.3	93.4	94.4	95.1	95.8	96.5	96.5	96.6	96.6	96.6	96.7
≥ 600	76.7	85.7	87.6	89.7	91.5	92.4	92.4	93.7	94.7	95.4	96.1	96.9	96.9	97.1	97.2	97.2	97.3
≥ 500	76.7	85.7	87.6	89.8	91.6	92.5	92.5	93.9	95.2	95.8	96.9	97.0	97.6	97.8	98.0	98.2	98.3
≥ 450	76.7	85.7	87.6	89.8	91.7	92.6	92.6	94.0	95.5	96.1	97.2	98.2	98.2	98.5	98.7	98.9	99.1
≥ 400	76.7	85.7	87.6	89.8	91.7	92.6	92.6	94.0	95.5	96.1	97.3	98.4	98.4	98.7	99.0	99.2	99.7
≥ 300	76.7	85.7	87.6	89.8	91.7	92.6	92.6	94.0	95.5	96.1	97.3	98.4	98.4	98.9	99.2	99.5	100.0
≥ 200	76.7	85.7	87.6	89.8	91.7	92.6	92.6	94.0	95.5	96.1	97.3	98.4	98.4	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS, LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	52.2	54.5	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	59.3	59.7	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	57.0	59.6	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	57.3	59.9	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	58.2	61.1	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	59.0	62.0	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	61.2	64.2	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	61.7	64.7	65.4	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
≥ 8000	62.5	65.7	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000	63.9	67.4	68.1	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
≥ 6000	65.4	69.5	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	67.0	71.5	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	68.1	72.6	73.5	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	68.9	73.5	74.7	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	70.3	75.4	76.6	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	71.7	77.0	78.3	79.0	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	73.0	79.0	80.4	81.2	81.8	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	73.9	80.3	81.8	82.9	84.0	84.1	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	74.0	80.8	82.4	83.5	84.6	84.7	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	74.5	81.7	83.5	84.9	86.0	86.2	86.8	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	75.2	82.6	84.6	86.6	88.0	88.3	89.0	89.2	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	75.5	83.3	85.6	87.7	90.1	90.5	91.4	91.8	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	75.5	83.5	85.8	88.0	90.3	91.1	92.0	92.5	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	75.5	83.8	86.0	88.3	90.9	91.8	92.8	93.4	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	75.5	83.9	86.1	88.4	91.2	92.3	93.5	94.2	94.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	75.5	83.9	86.2	88.6	91.4	92.6	94.0	94.8	95.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	75.5	83.9	86.2	88.6	91.4	92.6	94.0	94.8	95.2	96.3	96.9	97.0	97.0	97.0	97.0	97.0
≥ 300	75.5	83.9	86.2	88.6	91.4	92.6	94.2	95.3	95.6	96.8	97.0	97.7	97.7	97.7	97.7	97.7
≥ 200	75.5	83.9	86.2	88.6	91.4	92.6	94.2	95.7	96.0	97.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	75.5	83.9	86.2	88.6	91.4	92.6	94.2	95.7	96.0	97.2	98.3	98.4	98.4	98.4	98.4	98.4
≥ 0	75.5	83.9	86.2	88.6	91.4	92.6	94.2	95.7	96.0	97.2	98.3	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DIFUTT AFB NF
STATION NAME

9-78
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	52.0	56.5	57.3	57.7	58.1	58.3	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4
≥ 20000	54.3	58.8	59.8	60.2	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2
≥ 18000	54.9	59.6	60.5	61.0	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9
≥ 16000	55.2	59.8	60.8	61.2	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2
≥ 14000	55.7	60.4	61.4	61.8	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.8
≥ 12000	56.7	61.4	62.4	62.8	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.8	63.8
≥ 10000	58.6	63.4	64.4	65.2	65.7	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.1
≥ 9000	58.9	63.8	64.7	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.5	66.5
≥ 8000	60.0	64.9	65.9	66.7	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6
≥ 7000	61.3	66.5	67.4	68.2	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2
≥ 6000	62.7	68.3	69.2	70.3	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4
≥ 5000	63.8	69.4	70.3	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.6
≥ 4500	64.6	70.3	71.5	72.6	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9
≥ 4000	65.7	71.6	72.9	74.0	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3
≥ 3500	67.2	73.5	74.9	76.0	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3
≥ 3000	68.7	75.1	76.6	77.8	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2
≥ 2500	69.5	76.2	78.0	79.1	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.8	80.8
≥ 2000	71.2	78.3	80.1	81.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9
≥ 1800	71.4	78.9	80.8	82.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.7	83.7
≥ 1500	72.0	80.5	82.7	84.1	85.1	85.6	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2
≥ 1200	72.6	81.8	84.3	85.7	86.9	87.2	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.8	87.8
≥ 1000	73.1	82.9	85.5	87.0	88.4	88.9	89.2	89.6	89.7	90.0	90.1	90.1	90.1	90.1	90.2	90.2
≥ 900	73.2	83.4	86.1	87.6	89.0	89.6	89.9	90.2	90.3	90.8	90.9	90.9	90.9	90.9	91.0	91.0
≥ 800	73.2	83.5	86.2	87.7	89.6	90.3	90.8	91.1	91.2	91.7	91.9	91.9	91.9	91.9	92.0	92.0
≥ 700	73.3	83.8	86.8	88.6	90.6	91.4	91.8	92.3	92.4	93.3	93.5	93.5	93.5	93.7	93.7	93.7
≥ 600	73.3	83.9	86.9	88.7	91.0	91.9	92.5	92.9	93.0	94.0	94.4	94.4	94.4	94.4	94.5	94.5
≥ 500	73.3	83.9	87.0	88.9	91.3	92.3	92.9	93.4	93.7	94.8	95.5	95.5	95.5	95.6	95.7	95.7
≥ 400	73.3	83.9	87.0	88.9	91.3	92.5	93.1	94.3	94.6	96.0	96.9	97.0	97.1	97.2	97.4	97.4
≥ 300	73.3	83.9	87.0	88.9	91.3	92.5	93.1	94.8	94.9	96.5	97.7	97.8	98.0	98.4	98.6	98.6
≥ 200	73.3	83.9	87.0	88.9	91.3	92.5	93.2	94.8	95.2	96.7	98.1	98.2	98.4	98.9	99.2	99.2
≥ 100	73.3	83.9	87.0	88.9	91.3	92.5	93.2	94.8	95.2	96.7	98.1	98.2	98.4	99.2	99.8	100.0
≥ 0	73.3	83.9	87.0	88.9	91.3	92.5	93.2	94.8	95.2	96.7	98.1	98.2	98.4	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

19-78
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	48.0	52.9	53.9	54.4	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.5
≥ 20000	51.4	56.0	56.9	57.5	58.0	58.2	58.3	58.4	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.8
≥ 18000	51.7	56.4	57.4	57.9	58.4	58.6	58.7	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.2
≥ 16000	52.0	56.7	57.7	58.2	58.7	58.9	59.0	59.2	59.2	59.3	59.4	59.4	59.4	59.5	59.5	59.6
≥ 14000	52.7	57.7	58.7	59.2	59.7	59.9	60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.6
≥ 12000	53.8	59.0	60.0	60.6	61.1	61.3	61.4	61.5	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9
≥ 10000	56.1	61.5	62.5	63.2	63.7	63.9	64.0	64.1	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5
≥ 9000	59.7	62.1	63.2	63.8	64.3	64.5	64.7	64.8	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.2
≥ 8000	58.1	63.8	65.0	65.7	66.2	66.3	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.9	66.9	67.0
≥ 7000	59.5	65.5	66.7	67.4	68.0	68.2	68.4	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.9	68.9
≥ 6000	61.0	67.3	68.4	69.2	69.9	70.1	70.3	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.8
≥ 5000	62.5	69.0	70.3	71.1	71.8	72.0	72.3	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.9	72.9
≥ 4500	63.2	69.8	71.1	72.0	72.7	73.0	73.3	73.4	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.9
≥ 4000	64.5	71.5	72.9	73.8	74.5	74.9	75.2	75.3	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9
≥ 3500	65.5	72.8	74.2	75.1	75.9	76.3	76.6	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.3
≥ 3000	66.4	74.1	75.5	76.6	77.4	77.8	78.1	78.3	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.9
≥ 2500	67.4	75.3	76.8	77.9	78.8	79.7	79.7	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6
≥ 2000	69.2	77.7	79.4	80.6	81.6	82.1	82.5	82.9	83.1	83.4	83.5	83.5	83.6	83.6	83.6	83.7
≥ 1800	69.5	78.3	80.0	81.3	82.4	82.8	83.3	83.7	83.9	84.1	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1500	70.1	79.6	81.5	83.0	84.1	84.6	85.1	85.6	85.8	86.1	86.3	86.3	86.4	86.4	86.4	86.5
≥ 1200	70.8	80.9	83.0	84.6	86.0	86.6	87.2	87.7	88.0	88.3	88.6	88.6	88.6	88.7	88.7	88.7
≥ 1000	71.3	81.7	84.0	85.8	87.4	88.1	88.8	89.4	89.7	90.1	90.4	90.4	90.5	90.5	90.6	90.6
≥ 900	71.3	81.9	84.3	86.1	87.8	88.5	89.4	90.1	90.4	90.9	91.2	91.2	91.3	91.3	91.4	91.4
≥ 800	71.4	82.4	84.7	86.7	88.6	89.4	90.4	91.3	91.7	92.3	92.7	92.8	92.9	92.9	92.9	93.0
≥ 700	71.4	82.6	85.0	87.1	89.2	90.1	91.2	92.2	92.7	93.5	93.9	94.0	94.1	94.2	94.3	94.3
≥ 600	71.5	82.6	85.2	87.3	89.6	90.6	91.8	92.9	93.4	94.4	94.9	95.0	95.2	95.3	95.3	95.4
≥ 500	71.5	82.7	85.3	87.5	89.9	90.9	92.3	93.5	94.1	95.3	95.9	96.0	96.3	96.4	96.5	96.5
≥ 400	71.5	82.7	85.3	87.6	89.9	91.1	92.6	93.9	94.7	96.0	96.7	96.8	97.1	97.3	97.6	97.7
≥ 300	71.5	82.7	85.3	87.6	90.0	91.2	92.6	94.2	95.1	96.5	97.3	97.5	97.9	98.1	98.4	98.6
≥ 200	71.5	82.7	85.3	87.6	90.0	91.2	92.7	94.5	95.4	96.9	97.9	98.0	98.5	98.9	99.2	99.5
≥ 100	71.5	82.7	85.3	87.6	90.0	91.2	92.7	94.5	95.4	96.9	97.9	98.0	98.6	99.0	99.5	99.9
≥ 0	71.5	82.7	85.3	87.6	90.0	91.2	92.7	94.5	95.4	96.9	97.9	98.0	98.6	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DI FULT AFU NF
STATION NAME

1978
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
TIME

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	50.8	52.6	53.4	54.3	54.6	54.7	55.4	55.6	55.6	55.8	56.0	56.0	56.1	56.1	56.1	56.5
≥ 20000	51.8	52.5	54.4	55.2	55.6	55.7	56.4	56.5	56.5	56.7	57.0	57.0	57.1	57.1	57.1	57.4
≥ 18000	52.0	52.8	54.6	55.4	55.8	55.9	56.6	56.7	56.7	57.0	57.2	57.2	57.3	57.3	57.3	57.8
≥ 16000	52.2	54.1	55.0	55.8	56.1	56.3	57.0	57.1	57.1	57.3	57.6	57.6	57.7	57.7	57.7	58.2
≥ 14000	53.0	54.8	55.7	56.5	56.9	57.0	57.7	57.8	57.8	58.0	58.3	58.3	58.4	58.4	58.4	58.9
≥ 12000	54.4	56.4	57.2	58.0	58.4	58.5	59.2	59.3	59.3	59.6	59.8	59.8	59.9	59.9	59.9	60.4
≥ 10000	55.2	57.3	58.2	59.0	59.3	59.5	60.2	60.3	60.3	60.5	60.9	60.8	60.9	60.9	60.9	61.3
≥ 9000	55.3	57.4	58.3	59.1	59.5	59.6	60.3	60.4	60.4	60.6	60.9	61.0	61.0	61.0	61.0	61.5
≥ 8000	55.8	58.0	58.9	59.7	60.0	60.2	60.9	61.0	61.0	61.2	61.5	61.5	61.6	61.6	61.6	62.1
≥ 7000	56.6	59.2	60.0	60.9	61.2	61.3	62.1	62.2	62.2	62.4	62.6	62.6	62.8	62.8	62.8	63.2
≥ 6000	58.2	60.8	61.6	62.4	62.8	62.9	63.6	63.7	63.7	63.9	64.2	64.2	64.3	64.3	64.3	64.8
≥ 5000	60.5	63.7	64.5	65.4	66.0	66.1	66.8	66.9	66.9	67.1	67.4	67.4	67.5	67.5	67.5	68.0
≥ 4500	62.1	65.5	66.5	67.6	68.3	68.4	69.3	69.4	69.4	69.6	69.9	69.9	70.0	70.0	70.0	70.4
≥ 4000	63.4	66.9	68.1	69.1	70.2	70.3	71.2	71.3	71.3	71.5	71.7	71.7	71.9	71.9	71.9	72.3
≥ 3500	63.8	67.5	68.7	69.7	70.6	71.0	71.9	72.0	72.0	72.2	72.5	72.5	72.6	72.6	72.6	73.0
≥ 3000	69.0	70.1	71.3	72.3	73.6	73.9	74.7	74.9	74.9	75.2	75.4	75.4	75.5	75.5	75.5	76.0
≥ 2500	66.5	70.8	72.3	73.5	74.9	75.2	76.1	76.4	76.4	76.6	76.8	76.8	77.0	77.0	77.0	77.4
≥ 2000	68.7	73.8	75.3	76.5	78.1	78.4	79.3	79.7	79.7	79.9	80.1	80.1	80.3	80.3	80.3	80.7
≥ 1800	69.0	74.1	75.7	76.8	78.6	78.8	79.8	80.1	80.1	80.4	80.6	80.6	80.7	80.7	80.7	81.2
≥ 1500	70.0	75.8	77.4	79.4	81.4	81.9	82.8	83.3	83.3	83.7	84.0	84.0	84.2	84.2	84.2	84.6
≥ 1200	70.7	77.8	80.3	81.8	83.8	84.5	85.8	86.6	86.8	87.0	87.5	87.5	87.6	87.6	87.6	88.1
≥ 1000	71.3	79.9	82.2	84.6	87.4	88.1	89.5	90.4	90.5	90.9	91.4	91.4	91.5	91.5	91.5	92.0
≥ 900	71.4	80.4	83.2	85.5	88.4	89.2	90.7	91.7	91.8	92.2	92.7	92.7	92.8	92.8	92.8	93.3
≥ 800	71.4	80.5	83.3	85.7	88.8	90.1	91.6	92.8	92.9	93.3	93.7	93.7	93.9	93.9	93.9	94.3
≥ 700	71.5	80.6	83.5	85.9	89.4	90.8	92.4	93.9	94.0	94.3	94.8	94.9	95.0	95.0	95.0	95.5
≥ 600	71.5	80.6	83.6	86.4	90.0	91.5	93.3	95.2	95.3	95.9	96.3	96.5	96.6	96.6	96.6	97.0
≥ 500	71.5	80.6	83.6	86.4	90.1	91.8	93.6	95.6	96.1	96.9	97.4	97.5	97.6	97.6	97.6	98.1
≥ 400	71.5	80.6	83.6	86.4	90.1	91.8	93.7	95.7	96.3	97.3	97.9	98.0	98.3	98.5	98.6	99.1
≥ 300	71.5	80.6	83.6	86.4	90.1	91.8	93.7	95.7	96.3	97.3	97.9	98.2	98.7	98.8	98.9	99.4
≥ 200	71.5	80.6	83.6	86.4	90.1	91.8	93.7	95.7	96.3	97.3	97.9	98.2	98.7	98.8	98.9	99.4
≥ 100	71.5	80.6	83.6	86.4	90.1	91.8	93.7	95.7	96.3	97.3	97.9	98.2	98.7	98.8	98.9	99.4
≥ 0	71.5	80.6	83.6	86.4	90.1	91.8	93.7	95.7	96.3	97.3	97.9	98.2	98.7	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEAR

FEET
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	48.1	51.8	52.8	53.5	54.0	54.3	54.5	54.5	54.5	54.8	55.2	55.4	55.4	55.6	55.6	55.8
≥ 20000	49.3	53.7	54.4	55.1	55.0	55.8	56.0	56.0	56.4	56.7	57.0	57.0	57.1	57.1	57.1	57.3
≥ 18000	49.6	53.8	54.8	55.6	56.0	56.3	56.5	56.5	56.9	57.2	57.4	57.4	57.6	57.6	57.6	57.8
≥ 16000	49.9	54.0	55.1	55.8	56.3	56.5	56.7	56.7	57.1	57.4	57.7	57.7	57.8	57.8	57.8	58.0
≥ 14000	50.5	54.6	55.7	56.4	56.9	57.1	57.6	57.6	57.9	58.3	58.5	58.5	58.6	58.6	58.6	58.9
≥ 12000	51.9	56.3	57.3	58.0	58.5	58.7	59.2	59.2	59.6	59.9	60.2	60.2	60.3	60.3	60.3	60.5
≥ 10000	53.7	59.0	59.1	59.8	60.3	60.5	61.1	61.1	61.5	61.8	62.1	62.1	62.2	62.2	62.2	62.4
≥ 8000	53.9	59.3	59.3	60.0	60.5	60.8	61.3	61.3	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.6
≥ 7000	54.0	59.4	59.5	60.2	60.8	61.0	61.6	61.6	61.9	62.3	62.5	62.5	62.6	62.6	62.6	62.9
≥ 6000	54.7	59.3	60.4	61.2	61.8	62.1	62.8	62.8	63.1	63.5	63.7	63.7	63.8	63.8	63.8	64.1
≥ 5000	56.3	60.9	61.9	62.9	63.5	63.7	64.4	64.4	64.8	65.1	65.4	65.4	65.5	65.5	65.5	65.7
≥ 4500	58.7	63.6	64.7	65.6	66.2	66.4	67.1	67.1	67.5	67.8	68.1	68.1	68.2	68.2	68.2	68.4
≥ 4000	59.7	64.7	65.8	66.8	67.5	67.7	68.4	68.4	68.8	69.1	69.4	69.4	69.5	69.5	69.5	69.7
≥ 3500	60.9	65.8	67.0	68.0	68.7	68.9	69.6	69.6	70.0	70.3	70.6	70.6	70.7	70.7	70.7	70.9
≥ 3000	61.5	66.4	67.6	68.9	69.9	70.1	70.8	70.8	71.2	71.5	71.7	71.7	71.9	71.9	71.9	72.1
≥ 2500	62.8	67.7	68.9	70.2	71.2	71.5	72.3	72.3	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.9
≥ 2000	63.8	69.0	70.4	71.7	72.9	73.3	74.2	74.5	74.9	75.3	75.5	75.5	75.7	75.7	75.7	75.9
≥ 1800	65.5	71.3	72.8	74.2	75.4	75.8	77.1	77.3	77.8	78.1	78.4	78.4	78.5	78.5	78.5	78.7
≥ 1500	65.6	71.5	73.0	74.5	75.7	76.0	77.3	77.5	78.0	78.4	78.6	78.6	78.7	78.7	78.7	79.0
≥ 1200	66.8	73.8	75.5	77.1	78.5	79.1	80.5	81.0	81.4	81.8	82.2	82.2	82.3	82.3	82.3	82.5
≥ 1000	67.8	74.1	78.1	79.8	81.2	82.0	83.5	84.2	84.6	85.3	86.1	86.1	86.2	86.2	86.2	86.4
≥ 900	68.1	75.6	79.2	81.1	83.1	84.2	85.7	86.4	87.0	87.7	88.4	88.4	88.5	88.5	88.5	88.8
≥ 800	68.1	77.1	79.8	81.8	84.2	85.5	87.0	87.9	88.5	89.4	90.1	90.1	90.2	90.2	90.2	90.4
≥ 700	68.2	77.4	80.3	82.9	85.5	86.8	88.7	90.0	90.5	91.4	92.1	92.1	92.2	92.2	92.2	92.4
≥ 600	68.2	78.0	80.9	83.8	86.9	88.3	90.2	91.6	92.2	93.1	93.9	93.9	94.0	94.0	94.0	94.2
≥ 500	68.2	78.0	80.9	83.9	87.5	89.4	91.7	93.6	94.2	95.4	96.2	96.2	96.3	96.3	96.3	96.7
≥ 400	68.2	78.0	80.9	83.9	87.5	89.4	91.8	93.9	94.6	95.7	96.6	96.6	96.7	96.7	96.8	97.2
≥ 300	68.2	78.0	80.9	83.9	87.5	89.4	92.1	94.2	94.9	96.2	97.1	97.3	97.6	97.8	97.9	98.2
≥ 200	68.2	78.0	80.9	83.9	87.5	89.4	92.1	94.3	95.4	96.8	97.9	97.9	98.2	98.3	98.6	99.1
≥ 100	68.2	78.0	80.9	83.9	87.5	89.4	92.1	94.3	95.4	96.8	97.9	97.9	98.2	98.3	98.6	99.3
≥ 0	68.2	78.0	80.9	83.9	87.5	89.4	92.1	94.3	95.4	96.8	97.9	97.9	98.2	98.3	98.6	99.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	45.9	47.5	50.5	51.3	51.7	52.5	53.1	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.7
≥ 2000	46.6	50.4	51.4	52.2	52.0	52.4	53.0	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6
18000	46.8	50.6	51.7	52.5	53.1	53.7	54.3	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8
16000	47.2	50.9	52.0	52.8	53.4	54.0	54.6	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2
14000	48.8	52.6	53.7	54.5	55.1	55.7	56.3	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.9
12000	49.8	53.5	54.6	55.4	56.0	56.6	57.2	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8
10000	51.4	55.2	56.4	57.2	57.8	58.4	59.0	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.6
9000	52.1	55.9	57.2	58.2	58.7	59.3	59.9	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.5
8000	52.8	56.6	57.9	58.9	59.5	60.2	60.8	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3
7000	53.7	57.4	58.7	59.7	60.3	61.0	61.8	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4
6000	55.2	59.2	60.5	61.5	62.1	62.8	63.7	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.4
5000	57.1	61.6	63.0	63.9	64.5	65.2	66.2	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0
4500	57.4	62.1	63.5	64.4	65.1	65.8	66.8	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.6
4000	58.6	63.5	64.9	65.8	66.5	67.3	68.2	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
3500	59.1	63.9	65.4	66.4	67.1	67.8	68.8	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6
3000	60.5	65.6	67.4	68.6	69.2	70.2	71.2	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3
2500	62.1	67.7	69.9	71.3	72.0	73.3	74.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.8
2000	63.4	69.3	71.6	73.4	75.1	75.8	77.0	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5
1800	63.8	70.0	72.3	74.1	75.9	76.6	77.8	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.3
1500	64.9	72.3	74.9	76.7	78.0	79.3	80.6	82.0	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.6
1200	65.6	74.7	77.5	79.4	81.3	82.0	83.3	85.0	85.2	85.2	85.2	85.5	85.6	85.6	85.6	85.7
1000	65.8	75.7	78.8	81.2	83.2	84.2	85.5	87.2	87.6	87.6	87.6	87.8	87.9	87.9	87.9	88.1
900	65.8	75.8	79.1	81.8	84.2	85.2	86.8	88.7	89.0	89.0	89.0	89.4	89.5	89.5	89.5	89.6
800	66.0	76.4	79.9	83.0	85.0	86.8	88.7	91.0	91.8	92.1	92.4	92.6	92.6	92.6	92.7	92.8
700	66.0	76.5	80.1	83.2	86.3	87.5	89.4	91.7	92.7	92.9	93.3	93.4	93.4	93.4	93.5	93.6
600	66.0	76.5	80.3	83.3	86.6	87.8	89.7	92.8	94.0	94.2	94.7	94.9	94.9	94.9	95.0	95.2
500	66.0	76.5	80.3	83.3	86.6	88.4	90.3	93.7	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0
400	66.0	76.5	80.4	83.5	86.8	88.5	90.2	94.0	95.6	96.0	97.0	97.3	97.3	97.3	97.3	97.3
300	66.0	76.5	80.4	83.5	86.8	88.5	90.7	94.1	96.0	96.7	97.9	98.2	98.3	98.3	98.3	98.4
200	66.0	76.5	80.4	83.5	86.8	88.5	90.7	94.1	96.0	96.7	97.9	98.2	98.3	98.3	98.3	98.4
100	66.0	76.5	80.4	83.5	86.8	88.5	90.7	94.1	96.0	96.7	97.9	98.2	98.3	98.3	98.3	98.4
0	66.0	76.5	80.4	83.5	86.8	88.5	90.7	94.1	96.0	96.7	97.9	98.2	98.3	98.3	98.3	98.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS - L.S.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	
NO CEILING	41.6	46.8	48.4	49.7	50.1	50.2	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	45.0	50.7	53.0	53.3	54.3	54.5	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	45.2	51.1	53.3	53.7	54.6	54.8	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	45.5	51.4	53.7	54.0	55.0	55.2	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	46.6	52.6	54.8	55.2	56.1	56.4	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000	48.3	54.4	56.7	57.1	58.0	58.3	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	50.6	56.6	59.2	59.7	60.6	60.9	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	51.4	57.4	60.0	60.5	61.5	61.7	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	53.0	59.0	61.6	62.1	63.0	63.2	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 7000	54.4	60.5	63.1	63.6	64.5	64.8	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	55.0	61.8	64.5	65.0	66.0	66.2	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	56.0	63.1	66.0	66.4	67.5	67.8	67.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4500	56.3	63.5	66.3	66.9	68.0	68.4	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	56.6	64.2	67.0	67.6	68.7	69.1	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	58.4	66.1	68.9	69.6	70.8	71.4	71.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	59.5	68.0	70.8	71.7	72.9	73.6	74.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	61.2	70.8	73.8	74.7	76.1	76.8	77.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000	62.5	72.5	76.1	77.1	78.8	79.6	80.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	63.1	73.8	77.0	77.9	79.7	80.4	81.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	63.9	76.0	79.3	80.3	82.0	82.9	83.5	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	64.3	77.4	80.7	81.7	83.7	84.8	85.5	87.2	87.6	87.9	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	64.3	78.0	81.4	82.4	84.9	85.9	86.8	88.5	89.0	89.5	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	64.3	78.4	81.8	82.7	85.7	86.8	87.6	89.6	90.2	90.8	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	64.3	78.6	82.2	83.1	86.2	87.2	88.2	90.7	91.5	92.1	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	64.3	78.6	82.2	83.2	86.3	87.5	88.5	91.3	92.2	92.8	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	64.3	78.7	82.3	83.5	86.4	87.9	89.4	92.2	93.3	93.9	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	64.3	78.7	82.3	83.5	86.9	88.1	89.5	92.3	93.9	95.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	64.3	78.7	82.3	83.5	87.0	88.2	89.6	92.6	94.4	96.1	97.4	97.5	97.5	97.5	97.5	97.5
≥ 300	64.3	78.7	82.3	83.5	87.0	88.2	89.6	92.8	94.8	96.6	98.1	98.2	98.2	98.2	98.2	98.2
≥ 200	64.3	78.7	82.3	83.5	87.0	88.2	89.6	92.8	94.8	96.6	98.1	98.3	98.3	98.3	98.3	98.3
≥ 100	64.3	78.7	82.3	83.5	87.0	88.2	89.6	92.8	94.8	96.6	98.1	98.3	98.3	98.3	98.3	98.3
≥ 0	64.3	78.7	82.3	83.5	87.0	88.2	89.6	92.8	94.8	96.6	98.1	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-70
YEARS

FEA
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	49.8	57.4	52.8	53.1	53.1	53.7	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 2000	52.1	55.1	55.7	55.9	55.9	56.0	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1800	53.4	56.4	57.0	57.2	57.2	57.3	57.8	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1600	53.9	56.5	57.1	57.4	57.4	57.6	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 1400	54.3	57.4	58.2	58.5	58.5	58.6	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1200	55.1	58.6	59.3	59.7	59.7	59.8	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1000	56.9	60.5	61.2	61.6	61.6	61.7	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
≥ 900	57.7	61.3	62.1	62.4	62.4	62.5	63.0	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 800	58.5	62.2	62.9	63.2	63.2	63.4	63.8	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1
≥ 700	60.2	63.9	64.7	65.0	65.0	65.1	65.6	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
≥ 600	61.2	65.6	66.3	66.7	66.7	66.8	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 500	63.5	68.4	69.4	69.9	69.9	70.0	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 450	64.1	69.0	70.0	70.4	70.6	70.7	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 400	65.6	70.8	71.7	72.2	72.5	72.7	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 350	66.1	71.4	72.3	72.8	73.0	73.3	74.0	74.0	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5
≥ 300	68.1	74.2	75.2	75.9	76.4	76.6	77.3	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
≥ 250	69.4	75.8	76.8	77.5	78.1	78.4	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 200	71.2	78.6	80.1	81.0	81.6	81.8	82.5	83.0	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1800	71.4	79.6	81.3	82.2	82.7	83.0	83.7	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	72.5	81.6	83.3	84.3	84.9	85.1	85.9	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	72.9	83.0	85.1	86.3	87.1	87.7	88.5	89.5	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	73.0	83.9	86.4	87.6	88.7	89.2	90.4	91.7	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	73.0	83.9	86.4	87.6	88.9	89.5	90.9	92.2	92.3	92.8	92.9	92.9	92.9	93.1	93.1	93.1
≥ 800	73.0	84.5	87.1	88.5	90.1	90.8	92.2	93.5	93.6	94.3	94.4	94.4	94.4	94.7	94.7	94.7
≥ 700	73.6	84.6	87.2	88.7	90.3	91.0	92.8	94.3	94.6	95.4	95.7	95.7	96.0	96.0	96.0	96.0
≥ 600	73.6	85.0	87.6	89.0	90.8	91.5	93.3	94.8	95.2	96.3	97.2	97.3	97.5	97.5	97.5	97.5
≥ 500	73.6	85.0	87.6	89.0	90.8	91.6	93.4	95.3	95.7	97.2	98.0	98.1	98.3	98.3	98.3	98.3
≥ 400	73.6	85.0	87.6	89.0	90.8	91.7	93.6	95.5	96.2	97.9	98.9	99.2	99.5	99.5	99.5	99.5
≥ 300	73.6	85.0	87.6	89.0	90.8	91.7	93.6	95.5	96.2	98.0	99.1	99.3	100.0	100.0	100.0	100.0
≥ 200	73.6	85.0	87.6	89.0	90.8	91.7	93.6	95.5	96.2	98.0	99.1	99.3	100.0	100.0	100.0	100.0
≥ 100	73.6	85.0	87.6	89.0	90.8	91.7	93.6	95.5	96.2	98.0	99.1	99.3	100.0	100.0	100.0	100.0
≥ 0	73.6	85.0	87.6	89.0	90.8	91.7	93.6	95.5	96.2	98.0	99.1	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

59-78
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS, LST

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	50.9	52.4	53.0	53.1	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000 ≥ 16000	54.4	56.4	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000 ≥ 12000	54.8	56.5	57.1	57.2	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000 ≥ 9000	55.8	57.4	58.2	58.3	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000 ≥ 7000	57.1	58.7	59.5	59.6	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000 ≥ 5000	58.3	59.9	60.6	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500 ≥ 4000	58.3	59.9	60.6	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 3500 ≥ 3000	59.6	61.3	62.1	62.2	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 2500 ≥ 2000	60.6	62.4	63.1	63.2	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1800 ≥ 1500	62.5	64.4	65.1	65.2	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 1200 ≥ 1000	62.5	64.4	65.1	65.2	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 900 ≥ 800	66.3	68.6	69.4	69.9	70.1	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 700 ≥ 600	68.0	70.6	71.4	72.0	72.2	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 500 ≥ 400	68.7	71.3	72.1	72.7	73.0	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 300 ≥ 200	71.5	74.1	75.1	75.7	76.0	76.0	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 100 ≥ 0	72.7	76.7	77.2	77.8	78.1	78.1	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1800 ≥ 1500	74.6	78.6	79.8	80.6	81.1	81.1	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1200 ≥ 1000	74.7	79.0	80.1	81.1	81.8	81.8	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 900 ≥ 800	76.1	81.6	82.2	84.9	85.6	85.9	87.0	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700 ≥ 600	76.1	81.6	84.3	86.1	86.8	87.1	88.5	88.9	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500 ≥ 400	76.5	83.3	85.8	88.4	89.4	89.7	91.6	92.2	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4
≥ 300 ≥ 200	76.5	83.7	86.2	89.1	90.3	90.7	92.7	93.3	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ 100 ≥ 0	76.6	83.8	86.4	89.6	90.8	91.1	93.1	94.0	95.0	95.3	95.9	96.1	96.5	96.5	96.5	96.5
≥ 1800 ≥ 1500	76.6	83.8	86.4	90.1	91.4	91.7	93.7	94.7	95.7	96.3	96.9	97.3	97.6	97.6	97.6	97.6
≥ 1200 ≥ 1000	76.6	83.8	86.4	90.1	91.4	91.7	93.7	94.9	96.0	96.7	97.5	97.7	98.2	98.2	98.2	98.2
≥ 900 ≥ 800	76.6	83.8	86.4	90.1	91.4	91.8	94.1	95.4	96.7	97.5	98.7	99.2	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	76.6	83.8	86.4	90.1	91.4	91.8	94.1	95.5	96.8	97.6	98.8	99.3	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	76.6	83.8	86.4	90.1	91.4	91.8	94.1	95.5	96.8	97.6	98.8	99.3	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	76.6	83.8	86.4	90.1	91.4	91.8	94.1	95.5	96.8	97.6	98.8	99.3	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	76.6	83.8	86.4	90.1	91.4	91.8	94.1	95.5	96.8	97.6	98.8	99.3	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-76

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	50.8	53.0	53.4	53.9	54.3	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	53.7	55.9	56.4	56.9	57.2	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	54.1	56.4	56.9	57.3	57.7	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
> 16000	54.4	56.6	57.1	57.6	57.9	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 14000	55.0	57.3	57.8	58.3	58.6	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 12000	55.7	58.0	58.5	59.0	59.3	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 10000	57.1	59.6	60.0	60.5	60.9	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
≥ 9000	57.1	59.7	60.2	60.6	61.0	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 8000	58.0	60.6	61.1	61.6	61.9	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 7000	59.0	61.7	62.2	62.6	63.0	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 5000	60.4	63.8	64.4	64.9	65.2	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 5000	62.3	66.1	66.8	67.4	67.7	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 4500	62.8	66.8	67.5	68.2	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1
≥ 4000	64.5	68.7	69.4	70.1	70.6	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2
≥ 3500	66.3	70.6	71.4	72.1	72.6	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥ 3000	69.4	74.1	74.9	75.7	76.4	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 2500	70.3	75.5	76.4	77.4	78.1	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 2000	72.6	78.5	79.4	80.5	81.2	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2
≥ 1800	72.9	79.1	80.0	81.3	82.0	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥ 1500	74.2	81.6	82.7	84.2	85.2	86.6	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 1200	74.7	82.9	84.2	86.8	87.7	88.7	89.6	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1000	74.8	83.6	84.9	88.2	89.6	90.8	92.2	93.0	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.9
≥ 900	74.8	83.6	85.1	88.5	90.0	91.1	92.7	93.7	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.6
≥ 800	74.8	83.9	85.0	89.2	90.8	92.1	93.6	94.9	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.9
≥ 700	74.8	83.9	85.6	89.4	91.0	92.4	94.4	96.0	96.2	96.7	96.7	97.0	97.2	97.3	97.3	97.4
≥ 600	74.8	83.9	85.7	89.5	91.3	92.7	94.7	96.2	96.5	96.9	96.9	97.3	97.4	97.6	97.6	97.8
≥ 500	74.8	83.9	85.7	89.5	91.3	92.7	94.8	96.6	97.0	97.8	97.8	98.1	98.2	98.5	98.5	98.6
≥ 400	74.8	83.9	85.7	89.6	91.4	92.8	94.9	96.7	97.3	98.2	98.2	98.6	98.9	99.1	99.3	99.4
≥ 300	74.8	83.9	85.7	89.6	91.4	92.8	94.9	96.7	97.3	98.2	98.2	98.7	99.1	99.2	99.5	99.6
≥ 200	74.8	83.9	85.7	89.6	91.4	92.8	94.9	96.7	97.3	98.3	98.3	98.8	99.2	99.3	99.8	100.0
≥ 100	74.8	83.9	85.7	89.6	91.4	92.8	94.9	96.7	97.3	98.3	98.3	98.8	99.2	99.3	99.8	100.0
≥	74.8	83.9	85.7	89.6	91.4	92.8	94.9	96.7	97.3	98.3	98.3	98.8	99.2	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1976
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	71.2	57.5	54.3	54.8	55.1	55.1	55.3	55.3	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.9
≥ 20000	73.1	58.4	56.1	56.7	57.0	57.0	57.2	57.2	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.8
≥ 18000	53.3	55.7	56.4	57.0	57.2	57.2	57.4	57.4	57.6	57.6	57.8	57.8	57.8	57.8	57.8	58.0
≥ 16000	53.7	56.0	56.7	57.3	57.6	57.6	57.8	57.8	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.4
≥ 14000	54.3	56.6	57.3	57.9	58.2	58.2	58.4	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	59.0
≥ 12000	55.4	58.0	58.9	59.5	59.7	59.7	59.9	59.9	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.5
≥ 10000	56.4	59.0	59.8	60.4	60.6	60.6	60.9	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.5
≥ 9000	56.6	59.2	60.0	60.6	60.9	60.9	61.1	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.7
≥ 8000	57.0	59.7	60.5	61.1	61.3	61.3	61.6	61.6	61.7	61.7	61.9	61.9	61.9	61.9	61.9	62.2
≥ 7000	57.4	60.4	61.2	61.8	62.1	62.1	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.9
≥ 6000	59.5	62.0	63.8	64.4	64.7	64.7	64.9	64.9	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.5
≥ 5000	60.9	64.8	65.8	66.4	67.0	67.1	67.4	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	68.0
≥ 4500	61.7	65.8	66.9	67.5	68.1	68.2	68.4	68.4	68.6	68.6	68.8	68.8	68.8	68.8	68.8	69.0
≥ 4000	63.2	67.6	68.7	69.3	70.0	70.2	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	71.0
≥ 3500	64.4	69.0	70.1	70.7	71.5	71.7	72.0	72.0	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.6
≥ 3000	66.8	71.9	73.0	74.1	75.2	75.4	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.4
≥ 2500	68.1	73.2	74.3	75.4	76.6	76.8	77.2	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.8
≥ 2000	70.6	76.8	78.0	79.1	80.3	80.5	80.9	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.4
≥ 1800	71.3	77.7	79.0	80.1	81.3	81.6	81.9	81.9	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.5
≥ 1500	73.0	79.7	81.1	82.3	83.7	84.0	84.5	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.2
≥ 1200	74.5	81.7	83.5	85.4	86.9	87.6	88.1	88.8	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.6
≥ 1000	74.8	82.5	85.1	87.8	89.4	90.2	90.7	91.4	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.3
≥ 900	75.1	82.9	85.8	88.9	90.4	91.5	92.1	93.0	93.3	93.5	93.7	93.7	93.7	93.7	93.7	94.0
≥ 800	75.1	83.0	86.1	89.1	90.8	91.8	92.6	94.0	94.3	94.6	94.8	94.8	94.8	94.8	94.8	95.0
≥ 700	75.1	83.0	86.1	89.4	91.1	92.7	93.1	94.7	95.2	95.5	95.9	96.0	96.0	96.0	96.0	96.2
≥ 600	75.1	83.0	86.1	89.5	91.7	92.9	93.9	95.7	96.3	96.7	97.0	97.4	97.4	97.4	97.4	97.6
≥ 500	75.1	83.0	86.1	89.5	92.0	93.4	94.4	96.3	96.9	97.3	97.8	98.1	98.1	98.1	98.1	98.5
≥ 400	75.1	83.0	86.1	89.5	92.1	93.5	94.6	96.5	97.0	97.5	98.3	98.7	98.7	98.7	98.8	99.1
≥ 300	75.1	83.0	86.1	89.5	92.1	93.5	94.6	96.5	97.0	97.5	98.5	98.8	98.9	98.9	99.1	99.4
≥ 200	75.1	83.0	86.1	89.5	92.1	93.5	94.6	96.5	97.2	97.6	98.6	99.1	99.2	99.2	99.3	99.8
≥ 100	75.1	83.0	86.1	89.5	92.1	93.5	94.6	96.5	97.2	97.6	98.6	99.1	99.2	99.2	99.3	100.0
≥ 0	75.1	83.0	86.1	89.5	92.1	93.5	94.6	96.5	97.2	97.6	98.6	99.1	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-78
YEAR

FEJ
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	48.6	51.5	52.4	52.9	53.3	53.5	53.8	53.9	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.4
≥ 20000	50.7	53.8	54.7	55.3	55.6	55.8	56.2	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.8
≥ 18000	51.2	54.3	55.2	55.7	56.1	56.3	56.6	56.8	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.3
≥ 16000	51.4	54.5	55.5	56.0	56.4	56.6	56.9	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.6
≥ 14000	52.3	55.4	56.4	56.9	57.3	57.5	57.9	58.0	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.5
≥ 12000	53.5	56.6	57.8	58.3	58.7	58.9	59.2	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.9
≥ 10000	54.9	58.3	59.3	59.9	60.3	60.4	60.8	61.0	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.5
≥ 9000	55.2	58.7	59.7	60.3	60.7	60.9	61.3	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.9
≥ 8000	56.1	59.5	60.5	61.1	61.5	61.7	62.1	62.2	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.7
≥ 7000	57.1	60.6	61.7	62.3	62.7	62.9	63.3	63.4	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.9
≥ 6000	58.5	62.4	63.5	64.1	64.5	64.7	65.2	65.4	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.8
≥ 5000	60.6	64.9	66.1	66.7	67.2	67.4	67.9	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.6
≥ 4500	61.3	65.7	67.0	67.7	68.3	68.5	69.0	69.2	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.7
≥ 4000	62.6	67.3	68.5	69.3	69.9	70.2	70.7	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.4
≥ 3500	63.5	68.3	69.6	70.4	71.1	71.4	72.0	72.3	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.7
≥ 3000	65.6	70.7	72.1	73.0	73.9	74.3	74.9	75.2	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.8
≥ 2500	66.8	72.4	73.9	74.9	75.9	76.3	77.0	77.4	77.5	77.6	77.7	77.7	77.8	77.8	77.8	78.0
≥ 2000	68.6	75.0	76.7	77.8	78.9	79.3	80.1	80.5	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.1
≥ 1800	69.0	75.6	77.3	78.5	79.7	80.1	80.9	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.8	82.0
≥ 1500	70.2	77.8	79.8	81.2	82.5	83.1	84.0	84.6	84.9	85.0	85.2	85.2	85.3	85.3	85.3	85.5
≥ 1200	70.8	79.5	81.7	83.4	84.8	85.5	86.6	87.5	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.6
≥ 1000	71.1	80.4	83.0	85.2	86.9	87.8	89.0	90.1	90.5	90.8	91.1	91.2	91.4	91.3	91.3	91.4
≥ 900	71.1	80.7	83.4	85.7	87.8	88.7	90.0	91.3	91.7	92.0	92.4	92.4	92.5	92.5	92.5	92.7
≥ 800	71.2	81.0	83.9	86.4	88.5	89.6	91.1	92.6	93.1	93.6	93.9	94.0	94.1	94.1	94.2	94.3
≥ 700	71.3	81.1	84.0	86.7	89.1	90.2	91.8	93.5	94.1	94.6	95.1	95.2	95.3	95.4	95.4	95.6
≥ 600	71.3	81.2	84.1	86.9	89.5	90.7	92.4	94.4	95.1	95.7	96.3	96.5	96.6	96.7	96.7	96.9
≥ 500	71.3	81.2	84.1	86.9	89.6	90.9	92.7	94.9	95.7	96.6	97.3	97.5	97.7	97.7	97.8	98.0
≥ 400	71.3	81.2	84.1	86.9	89.6	91.0	92.9	95.1	96.1	97.1	98.0	98.3	98.5	98.6	98.7	98.9
≥ 300	71.3	81.2	84.1	86.9	89.6	91.0	92.9	95.1	96.2	97.3	98.3	98.6	99.0	99.2	99.3	99.5
≥ 200	71.3	81.2	84.1	86.9	89.6	91.0	92.9	95.1	96.2	97.4	98.4	98.7	99.1	99.3	99.4	99.8
≥ 100	71.3	81.2	84.1	86.9	89.6	91.0	92.9	95.1	96.2	97.4	98.4	98.7	99.1	99.3	99.4	99.9
≥ 0	71.3	81.2	84.1	86.9	89.6	91.0	92.9	95.1	96.2	97.4	98.4	98.7	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

9-71

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	49.5	51.7	52.4	52.5	53.0	53.1	53.2	53.8	53.9	54.3	54.4	54.4	54.5	54.5	54.6	54.6
≥ 20000	51.0	53.5	54.2	54.3	54.8	54.9	55.1	55.6	55.7	56.1	56.2	56.2	56.5	56.5	56.6	56.6
≥ 18000	51.3	53.9	54.5	54.6	55.2	55.3	55.4	55.9	56.0	56.5	56.6	56.6	56.8	56.8	56.9	56.9
≥ 16000	51.8	54.5	55.2	55.3	55.8	55.9	56.0	56.6	56.7	57.1	57.2	57.2	57.4	57.4	57.5	57.5
≥ 14000	53.5	56.2	56.9	57.0	57.6	57.7	57.8	58.4	58.5	58.9	59.0	59.0	59.2	59.2	59.4	59.4
≥ 12000	54.3	57.0	57.0	58.1	58.7	58.8	58.9	59.5	59.6	60.0	60.1	60.1	60.3	60.3	60.4	60.4
≥ 10000	56.3	59.1	59.8	60.3	61.0	61.1	61.2	61.7	61.8	62.3	62.4	62.4	62.6	62.6	62.7	62.7
≥ 9000	57.0	60.0	60.6	61.2	61.8	61.9	62.0	62.6	62.7	63.1	63.2	63.2	63.4	63.4	63.5	63.5
≥ 8000	58.0	61.1	61.7	62.3	62.9	63.0	63.1	63.7	63.8	64.2	64.3	64.3	64.5	64.5	64.6	64.6
≥ 7000	59.4	62.5	63.1	63.7	64.3	64.5	64.6	65.2	65.3	65.7	65.8	65.8	66.0	66.0	66.1	66.1
≥ 6000	61.0	64.2	64.9	65.6	66.2	66.5	66.6	67.1	67.2	67.6	67.7	67.7	68.0	68.0	68.1	68.1
≥ 5000	63.4	67.1	67.8	68.5	69.1	69.4	69.6	70.1	70.2	70.6	70.8	70.8	71.0	71.0	71.1	71.1
≥ 4500	64.2	68.2	68.9	69.6	70.2	70.4	70.6	71.2	71.3	71.7	71.8	71.8	72.0	72.0	72.2	72.2
≥ 4000	65.7	70.0	70.8	71.5	72.2	72.4	72.6	73.1	73.2	73.7	73.8	73.8	74.0	74.0	74.1	74.1
≥ 3500	66.6	71.1	71.9	72.7	73.3	73.5	73.8	74.3	74.4	74.8	74.9	74.9	75.2	75.2	75.3	75.3
≥ 3000	68.2	73.7	74.6	75.4	76.2	76.5	76.7	77.2	77.3	77.7	77.8	77.8	78.1	78.1	78.2	78.2
≥ 2500	69.5	74.9	76.0	77.0	78.0	78.3	78.5	79.0	79.1	79.6	79.7	79.7	79.9	79.9	80.0	80.0
≥ 2000	71.4	77.2	78.6	79.7	80.6	81.0	81.2	81.7	81.8	82.3	82.4	82.4	82.6	82.6	82.7	82.7
≥ 1800	72.0	78.1	79.5	80.6	81.6	81.9	82.2	82.7	82.8	83.2	83.3	83.3	83.5	83.5	83.7	83.7
≥ 1500	74.2	81.0	82.7	84.1	85.7	86.0	86.3	86.9	87.0	87.4	87.5	87.5	87.7	87.7	87.8	87.8
≥ 1200	74.8	82.5	84.3	85.8	87.7	88.1	88.5	89.0	89.1	89.6	89.7	89.7	89.9	89.9	90.0	90.0
≥ 1000	74.9	83.1	85.1	87.2	89.6	90.0	90.9	91.5	91.8	92.4	92.5	92.5	92.7	92.7	92.8	92.8
≥ 900	75.3	83.8	86.0	88.2	90.5	91.1	91.9	92.6	92.9	93.5	93.7	93.7	93.9	93.9	94.0	94.0
≥ 800	75.4	83.9	86.1	88.5	91.1	91.8	92.7	93.4	93.8	94.4	94.5	94.5	94.9	94.9	95.1	95.1
≥ 700	75.4	84.3	86.8	89.1	91.7	92.6	93.4	94.3	94.6	95.4	95.5	95.5	95.9	95.9	96.0	96.0
≥ 600	75.4	84.3	86.8	89.2	92.0	93.0	94.0	94.8	95.2	96.0	96.1	96.1	96.6	96.6	96.7	96.7
≥ 500	75.4	84.3	86.8	89.4	92.4	93.3	94.6	95.3	96.0	96.9	97.0	97.0	97.4	97.4	97.5	97.5
≥ 400	75.4	84.4	86.9	89.5	92.6	93.5	94.8	95.8	96.5	97.3	97.4	97.4	97.8	97.8	98.0	98.0
≥ 300	75.4	84.4	86.9	89.5	92.6	93.5	94.8	96.2	96.9	97.7	97.8	97.8	98.3	98.3	98.4	98.4
≥ 200	75.4	84.4	86.9	89.5	92.6	93.5	94.4	96.5	97.1	98.2	98.4	98.5	98.9	98.9	99.1	99.2
≥ 100	75.4	84.4	86.9	89.5	92.6	93.5	94.4	96.5	97.1	98.2	98.4	98.5	98.9	99.2	99.6	99.9
≥ 0	75.4	84.4	86.9	89.5	92.6	93.5	94.4	96.5	97.1	98.2	98.4	98.5	98.9	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

09-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	>3	≥2	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	40.7	40.7	50.3	50.9	51.5	51.8	52.0	52.3	52.5	52.7	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	40.6	51.6	52.4	52.8	53.4	53.8	54.0	54.2	54.4	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	40.8	51.8	52.5	53.0	53.7	54.0	54.2	54.4	54.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	40.9	51.9	52.6	53.1	53.8	54.1	54.3	54.5	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	49.8	57.8	53.4	54.0	54.6	54.9	55.2	55.4	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	51.0	54.0	54.6	55.4	56.1	56.5	56.7	56.9	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	52.9	55.9	56.7	57.4	58.3	58.6	58.8	59.0	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	53.5	56.6	57.3	58.2	59.0	59.4	59.6	59.8	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4
≥ 8000	54.8	57.8	58.7	59.6	60.4	60.8	61.0	61.2	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	50.1	59.1	60.0	60.9	61.7	62.0	62.3	62.5	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	58.3	61.4	62.3	63.1	64.0	64.3	64.5	64.7	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥ 5000	61.0	64.8	65.8	66.8	67.8	68.2	68.4	68.6	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4500	61.0	65.7	66.8	67.8	68.9	69.2	69.5	69.7	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	62.2	67.0	68.1	69.2	70.4	70.8	71.0	71.2	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	63.2	67.7	68.8	70.0	71.4	71.7	71.9	72.2	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	64.9	70.0	71.1	72.3	73.7	74.0	74.2	74.4	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	65.8	71.4	72.5	73.7	75.1	75.4	75.7	75.9	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	68.3	74.3	75.7	77.1	78.9	79.2	79.5	79.8	80.1	80.3	80.5	80.6	80.6	80.6	80.6	80.6
≥ 1800	68.7	74.8	76.2	77.6	79.6	79.9	80.2	80.4	80.8	81.1	81.3	81.4	81.4	81.4	81.4	81.4
≥ 1500	70.2	76.6	78.0	80.2	82.2	82.5	82.8	83.1	83.4	84.0	84.2	84.3	84.3	84.3	84.3	84.3
≥ 1200	70.8	78.2	80.6	82.4	84.4	84.7	85.2	85.5	85.8	86.3	86.6	86.7	86.7	86.7	86.7	86.7
≥ 1000	71.2	79.2	82.0	84.1	86.6	87.0	87.7	88.1	88.4	88.9	89.2	89.4	89.4	89.4	89.4	89.4
≥ 900	71.2	79.8	82.9	85.4	88.3	88.7	89.5	89.8	90.1	90.6	91.0	91.1	91.1	91.1	91.1	91.1
≥ 800	71.2	79.9	83.1	85.8	89.1	89.6	90.5	91.0	91.3	91.8	92.2	92.3	92.3	92.3	92.3	92.3
≥ 700	71.2	80.3	83.5	86.3	89.7	90.3	91.3	91.9	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2
≥ 600	71.2	80.4	83.7	86.6	90.3	91.0	92.6	93.2	93.5	94.1	94.4	94.5	94.5	94.5	94.5	94.5
≥ 500	71.2	80.4	83.7	86.6	90.4	91.1	92.9	93.9	94.5	95.1	95.4	95.5	95.5	95.5	95.5	95.5
≥ 400	71.2	80.5	83.8	86.8	91.0	91.6	93.5	94.5	95.2	95.7	96.0	96.1	96.1	96.1	96.1	96.1
≥ 300	71.2	80.5	83.8	86.9	91.2	91.8	93.9	94.8	95.7	96.3	96.7	96.8	96.9	96.9	96.9	96.9
≥ 200	71.2	80.5	83.8	86.9	91.2	91.9	94.0	95.2	96.3	97.2	97.8	98.1	98.3	98.3	98.3	98.3
≥ 100	71.2	80.5	83.8	86.9	91.2	91.9	94.0	95.2	96.3	97.2	97.8	98.1	98.3	98.4	98.6	99.4
≥ 0	71.2	80.5	83.8	86.9	91.2	91.9	94.0	95.2	96.4	97.2	97.8	98.1	98.3	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1976
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0300
HOURS UTC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING ≥ 20000	44.0	47.5	48.2	48.7	49.5	49.5	51.1	50.4	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.2
≥ 18000 ≥ 16000	45.9	49.6	50.3	50.9	51.6	51.8	52.5	52.8	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.7
≥ 14000 ≥ 12000	46.5	50.1	51.0	51.5	52.3	52.5	53.1	53.4	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.3
≥ 11000 ≥ 9000	46.6	50.2	51.1	51.6	52.4	52.6	53.2	53.5	53.8	54.1	54.2	54.2	54.2	54.2	54.2	54.4
≥ 8000 ≥ 7000	47.5	51.2	52.2	52.8	53.5	53.8	54.4	54.7	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.6
≥ 6000 ≥ 5000	48.6	52.3	53.2	53.9	54.6	54.8	55.5	55.9	56.1	56.5	56.6	56.6	56.6	56.7	56.7	56.9
≥ 4500 ≥ 4000	50.2	54.0	54.9	55.6	56.3	56.6	57.2	57.6	57.8	58.2	58.3	58.3	58.3	58.4	58.4	58.6
≥ 3500 ≥ 3000	50.9	54.7	55.7	56.3	57.2	57.4	58.1	58.5	58.7	59.0	59.1	59.1	59.1	59.2	59.2	59.5
≥ 2500 ≥ 2000	51.7	55.6	56.6	57.3	58.2	58.4	59.0	59.7	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.6
≥ 1800 ≥ 1500	52.4	56.5	57.4	58.2	59.0	59.2	59.9	60.6	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.6
≥ 1200 ≥ 1000	53.3	57.6	58.7	59.7	60.5	60.8	61.4	62.2	62.4	62.7	62.8	62.8	62.9	62.9	62.9	63.1
≥ 900 ≥ 800	55.9	61.2	62.4	63.5	64.5	64.7	65.4	66.1	66.3	66.7	66.8	66.8	66.9	66.9	66.9	67.2
≥ 700 ≥ 600	56.6	61.9	63.1	64.3	65.3	65.5	66.1	67.0	67.2	67.5	67.6	67.6	67.7	67.7	67.7	68.1
≥ 500 ≥ 400	57.8	63.3	64.5	65.7	66.8	67.0	67.7	68.6	68.8	69.1	69.2	69.2	69.4	69.4	69.4	69.7
≥ 300 ≥ 200	58.5	64.2	65.4	66.7	67.8	68.1	68.8	69.7	69.9	70.2	70.3	70.3	70.4	70.4	70.4	70.8
≥ 150 ≥ 100	60.0	66.1	67.3	68.7	69.9	70.1	71.0	71.8	72.0	72.4	72.5	72.5	72.6	72.6	72.6	72.9
≥ 75 ≥ 50	61.7	68.3	69.5	70.9	72.0	72.3	73.1	74.0	74.2	74.5	74.6	74.6	74.7	74.7	74.7	75.1
≥ 25 ≥ 15	63.1	70.4	71.6	73.0	74.2	74.4	75.4	76.3	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.4
≥ 10 ≥ 5	64.1	71.6	72.8	74.3	75.5	75.7	76.7	77.6	77.8	78.2	78.3	78.3	78.4	78.4	78.4	78.7
≥ 3 ≥ 2	65.9	74.2	75.6	77.2	78.5	78.8	79.9	81.0	81.2	81.5	81.7	81.7	81.8	81.9	81.9	82.3
≥ 1 ≥ 0.75	67.5	76.8	78.3	80.1	81.8	82.3	83.4	84.6	85.1	85.4	85.7	85.8	85.9	86.0	86.0	86.3
≥ 0.5 ≥ 0.25	67.7	77.5	79.1	81.4	83.4	84.1	85.8	87.3	87.8	88.3	88.7	88.8	88.9	89.0	89.0	89.4
≥ 0.15 ≥ 0.1	68.0	78.2	79.8	82.2	84.2	85.1	86.8	88.3	88.8	89.2	89.7	89.9	90.0	90.1	90.1	90.4
≥ 0.05 ≥ 0.025	68.0	78.5	80.1	82.6	84.8	85.7	87.6	89.2	89.8	90.3	91.0	91.2	91.3	91.4	91.4	91.7
≥ 0.01 ≥ 0.005	68.1	78.7	80.3	82.9	85.3	86.1	88.1	89.8	90.4	91.0	91.6	91.8	91.9	92.0	92.0	92.4
≥ 0.005 ≥ 0.0025	68.1	78.9	80.5	83.1	85.7	86.6	88.9	91.1	91.7	92.4	93.0	93.3	93.4	93.5	93.5	93.9
≥ 0.001 ≥ 0.0005	68.1	78.9	80.6	83.2	85.8	86.7	89.1	91.6	92.5	93.2	93.9	94.2	94.3	94.5	94.5	94.8
≥ 0.0005 ≥ 0.00025	68.1	79.0	80.6	83.3	86.2	87.1	89.6	92.4	93.3	94.2	94.9	95.4	95.5	95.8	95.8	96.1
≥ 0.0001 ≥ 0.00005	68.1	79.0	80.8	83.4	86.5	87.3	89.8	92.9	94.1	95.1	96.1	96.7	96.8	97.2	97.2	97.5
≥ 0.00005 ≥ 0.000025	68.1	79.0	80.8	83.4	86.5	87.3	89.8	93.1	94.5	95.6	96.8	97.3	97.4	98.1	98.1	98.7
≥ 0.00001 ≥ 0.000005	68.1	79.0	80.8	83.4	86.5	87.3	89.8	93.2	94.6	95.7	97.1	97.6	97.7	98.5	98.5	99.8
≥ 0.000005 ≥ 0.0000025	68.1	79.0	80.8	83.4	86.5	87.3	89.8	93.2	94.6	95.7	97.1	97.6	97.7	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/PTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

DI FUTT AFB NE

69-76

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	42.3	44.5	44.7	45.4	45.5	45.5	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2
≥ 2000	45.2	47.7	48.0	48.7	48.8	48.8	49.2	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 1800	45.5	48.1	48.5	49.0	49.1	49.1	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1500	45.7	48.3	48.5	49.2	49.4	49.4	49.8	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1
≥ 1400	46.8	49.9	50.0	50.8	51.1	51.1	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
≥ 1200	47.2	50.4	50.6	51.4	51.7	51.8	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8
≥ 1000	50.1	53.5	53.8	54.6	54.9	55.1	55.7	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 900	50.6	54.1	54.3	55.3	55.6	55.7	56.3	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 800	52.2	55.8	56.0	57.1	57.4	57.5	58.2	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 700	53.3	57.3	57.5	58.6	58.9	59.0	59.7	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 600	54.9	59.0	59.2	60.3	60.6	60.8	61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2
≥ 500	56.8	61.1	61.3	62.4	62.7	62.8	63.5	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3
≥ 450	57.1	61.5	61.7	62.8	63.1	63.2	64.1	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.8	64.8
≥ 400	58.1	62.8	63.0	64.1	64.4	64.5	65.4	65.9	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1
≥ 350	59.0	63.8	64.0	65.2	65.5	65.6	66.5	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2
≥ 300	60.9	65.6	65.8	67.0	67.3	67.4	68.3	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 250	63.4	68.8	69.2	70.4	71.1	71.2	72.2	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9
≥ 200	66.3	72.6	73.1	74.4	75.1	75.2	76.5	77.1	77.1	77.1	77.4	77.4	77.5	77.5	77.5	77.5
≥ 180	67.2	73.5	74.2	75.6	76.2	76.3	77.6	78.4	78.4	78.4	78.7	78.7	78.8	78.8	78.8	78.8
≥ 150	68.3	75.8	77.0	78.6	79.4	79.5	81.2	81.9	82.3	82.3	82.6	82.6	82.7	82.7	82.7	82.7
≥ 120	69.4	77.5	79.0	80.6	81.6	82.2	83.7	84.6	85.2	85.3	85.6	85.6	85.7	85.7	85.7	85.7
≥ 100	69.7	78.3	80.0	81.8	83.0	83.7	85.4	86.7	87.2	87.3	87.7	87.8	88.0	88.0	88.0	88.0
≥ 90	69.8	78.5	80.4	82.3	83.4	84.1	86.1	87.7	88.3	88.4	88.8	88.9	89.0	89.0	89.0	89.0
≥ 80	70.0	79.1	81.2	83.4	84.8	85.5	87.5	89.4	90.0	90.1	90.5	90.6	90.8	90.8	90.8	90.9
≥ 70	70.2	79.8	81.9	84.2	85.9	86.6	88.8	90.6	91.3	91.4	91.9	92.0	92.2	92.2	92.2	92.3
≥ 60	70.2	79.9	82.0	84.3	86.2	87.1	89.4	91.2	91.8	92.2	92.8	93.0	93.1	93.2	93.2	93.3
≥ 50	70.2	79.9	82.0	84.3	86.2	87.1	89.8	91.6	92.3	92.7	93.3	93.5	93.9	94.0	94.0	94.1
≥ 40	70.2	79.9	82.0	84.3	86.3	87.2	89.9	92.4	93.4	94.1	95.1	95.4	95.8	95.9	96.2	96.2
≥ 30	70.2	79.9	82.0	84.3	86.3	87.2	89.9	92.5	93.7	94.6	95.7	96.0	96.5	96.7	96.8	97.0
≥ 20	70.2	79.9	82.0	84.3	86.3	87.2	89.9	92.7	94.1	95.2	96.9	97.5	98.0	98.3	98.6	99.2
≥ 10	70.2	79.9	82.0	84.3	86.3	87.2	89.9	92.7	94.1	95.2	97.0	97.6	98.1	98.4	98.9	99.7
≥ 0	70.2	79.9	82.0	84.3	86.3	87.2	89.9	92.7	94.1	95.2	97.0	97.6	98.1	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	45.4	46.6	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2000	49.1	50.8	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1800	49.5	51.2	51.5	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1600	49.7	51.4	51.7	51.9	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 1400	50.5	52.4	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 1200	51.4	53.2	53.5	54.1	54.3	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1000	53.7	55.6	55.9	56.5	56.7	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 900	54.1	56.0	56.3	57.0	57.2	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 800	55.8	58.1	58.5	59.2	59.5	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 700	57.4	60.1	60.5	61.3	61.5	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 600	59.4	61.7	62.4	63.1	63.3	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 500	61.7	64.4	65.1	65.9	66.1	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 450	61.9	64.6	65.3	66.1	66.3	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 400	63.2	65.9	66.6	67.6	67.8	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 350	64.8	67.5	68.5	69.4	69.6	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1
≥ 300	67.5	70.3	71.3	72.2	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 250	69.8	72.7	73.7	74.5	74.7	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 200	74.2	78.1	79.4	80.3	81.0	81.3	81.5	81.5	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 180	74.6	78.9	80.3	81.5	82.2	82.5	82.7	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0
≥ 150	75.4	80.4	82.2	83.7	84.0	85.2	85.4	85.4	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 120	75.9	81.7	83.7	85.3	86.6	87.2	87.4	87.6	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2
≥ 100	76.1	83.0	85.3	86.9	88.4	89.0	89.4	90.1	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.2
≥ 90	76.1	83.1	85.4	87.2	88.8	89.5	89.9	90.8	91.2	91.6	91.8	91.8	92.0	92.0	92.0	92.0
≥ 80	76.2	83.8	86.0	87.8	89.5	90.1	91.1	92.0	92.6	93.1	93.3	93.3	93.5	93.5	93.5	93.7
≥ 70	76.2	83.8	86.2	88.7	89.9	90.5	91.5	92.7	93.2	93.8	94.1	94.1	94.3	94.3	94.3	94.4
≥ 60	76.2	83.9	86.5	88.8	90.6	91.7	92.7	94.2	94.7	95.3	95.6	95.6	95.8	95.8	95.8	95.9
≥ 50	76.2	83.9	86.5	88.8	90.8	91.9	93.0	94.7	95.4	96.0	96.6	96.6	97.0	97.0	97.1	97.3
≥ 40	76.2	83.9	86.5	88.8	90.8	91.9	93.1	95.1	96.2	97.0	97.5	97.5	98.0	98.0	98.1	98.3
≥ 30	76.2	83.9	86.5	88.8	90.8	92.0	93.3	95.3	96.5	97.5	98.2	98.2	98.7	98.7	98.8	99.0
≥ 20	76.2	83.9	86.5	88.8	90.8	92.0	93.3	95.3	96.5	97.6	98.3	98.7	99.4	99.4	99.5	99.8
≥ 10	76.2	83.9	86.5	88.8	90.8	92.0	93.3	95.3	96.5	97.6	98.3	98.7	99.4	99.4	99.5	99.9
≥ 0	76.2	83.9	86.5	88.8	90.8	92.0	93.3	95.3	96.5	97.6	98.3	98.7	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	45.6	47.5	47.6	47.7	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	50.0	52.2	52.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	51.0	53.1	53.2	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	51.2	53.3	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	52.0	54.4	54.5	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	52.3	55.9	56.0	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	55.1	57.8	58.0	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	55.5	58.3	58.4	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	56.5	59.6	59.7	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 7000	58.1	61.5	61.7	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	60.3	63.9	64.3	64.7	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	63.8	67.4	67.8	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	64.1	67.7	68.2	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	66.9	70.6	71.1	71.7	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	68.2	72.0	72.7	73.1	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	70.6	75.2	75.9	76.5	76.9	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	73.8	78.6	79.4	80.7	80.4	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	76.5	82.4	83.3	84.2	84.6	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	77.0	83.3	84.5	85.4	85.9	86.1	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	78.2	85.1	86.2	87.4	88.1	88.5	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	78.7	86.6	88.1	89.1	90.0	90.5	91.1	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	78.7	87.2	88.8	90.1	91.0	91.5	92.3	92.3	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1
≥ 900	78.7	87.7	88.9	90.3	91.3	91.8	92.6	92.7	92.8	93.3	93.9	93.9	94.0	94.0	94.0	94.0
≥ 800	78.7	87.5	89.1	90.5	91.5	92.2	93.0	93.9	94.1	94.6	95.3	95.3	95.4	95.4	95.4	95.4
≥ 700	78.7	87.6	89.4	90.9	91.8	92.7	93.9	94.8	95.2	95.8	96.5	96.7	96.8	96.8	96.8	96.8
≥ 600	78.7	87.6	89.6	91.3	92.4	93.2	94.5	95.8	96.3	97.2	97.8	98.1	98.4	98.4	98.4	98.4
≥ 500	78.7	87.6	89.6	91.3	92.5	93.3	94.6	95.9	96.6	97.4	98.1	98.3	98.7	98.7	98.7	98.7
≥ 400	78.7	87.6	89.6	91.3	92.5	93.3	94.6	96.2	96.9	97.7	98.4	98.6	99.0	99.0	99.0	99.0
≥ 300	78.7	87.6	89.6	91.3	92.5	93.3	94.6	96.2	96.9	97.8	98.8	99.2	99.7	99.7	99.7	99.7
≥ 200	78.7	87.6	89.6	91.3	92.5	93.3	94.6	96.2	96.9	98.0	98.7	99.4	99.8	99.8	99.8	99.8
≥ 100	78.7	87.6	89.6	91.3	92.5	93.3	94.6	96.2	96.9	98.0	98.9	99.4	99.8	99.8	99.9	100.0
≥ 0	78.7	87.6	89.6	91.3	92.5	93.3	94.6	96.2	96.9	98.0	98.9	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DE FULT AFB NF
STATION NAME

19-78
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	51.0	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2000	55.2	57.8	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 1800	55.7	58.4	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1500	56.5	59.1	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1400	58.0	60.8	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 1200	59.7	62.6	63.1	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1000	61.8	64.8	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 900	61.9	65.2	65.7	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 800	62.8	66.0	66.6	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
≥ 700	63.7	67.1	67.7	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
≥ 600	65.5	68.9	69.6	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 500	67.7	71.4	72.2	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 450	68.6	72.3	73.0	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 400	70.2	74.2	75.1	76.0	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 350	71.6	75.8	76.7	77.6	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 300	73.2	77.8	78.7	79.8	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 250	75.6	81.1	81.9	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 200	77.6	84.0	85.1	86.1	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	78.3	84.7	85.8	87.0	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	78.7	85.8	87.0	88.4	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	78.9	86.7	88.2	89.8	90.4	90.4	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 1000	78.9	87.1	88.7	90.4	91.0	91.6	92.5	92.9	93.0	93.1	93.1	93.3	93.3	93.5	93.5	93.5
≥ 900	78.9	87.6	89.2	91.2	92.5	92.5	93.3	93.8	93.9	94.0	94.0	94.3	94.3	94.5	94.5	94.5
≥ 800	79.0	87.8	89.7	91.6	93.1	93.2	94.5	95.1	95.1	95.4	95.4	95.7	95.7	95.9	95.9	95.9
≥ 700	79.0	87.8	89.7	91.7	93.5	93.9	95.2	95.7	96.1	96.3	96.7	96.7	96.9	96.9	96.9	96.9
≥ 600	79.0	87.8	89.7	91.8	93.9	94.2	95.7	96.6	97.2	97.5	97.8	97.8	98.1	98.1	98.1	98.1
≥ 500	79.0	87.8	89.7	91.8	93.9	94.3	96.0	97.0	97.7	98.1	98.5	98.5	98.7	98.7	98.7	98.7
≥ 400	79.0	87.8	89.7	91.8	93.9	94.5	96.3	97.5	98.4	98.8	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	79.0	87.8	89.7	91.8	94.0	94.6	96.5	97.6	98.5	98.9	99.5	99.5	99.7	99.7	99.7	99.7
≥ 200	79.0	87.8	89.7	91.8	94.0	94.6	96.5	97.7	98.6	99.0	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	79.0	87.8	89.7	91.8	94.0	94.6	96.5	97.7	98.6	99.0	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	79.0	87.8	89.7	91.8	94.0	94.6	96.5	97.7	98.6	99.0	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

49-76
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
GROUP

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	55.7	57.2	57.8	58.4	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	57.1	58.6	59.2	59.8	60.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	57.3	58.8	59.6	60.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	57.7	59.2	60.0	60.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	58.7	60.4	61.3	61.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	59.6	61.3	62.2	62.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	62.0	64.0	65.2	65.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	62.2	64.2	65.4	65.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	62.7	64.8	66.0	66.6	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	62.9	66.1	67.2	67.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	65.9	68.3	69.5	70.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	68.2	70.9	72.0	72.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
4500	69.1	71.8	73.0	73.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
4000	71.0	73.7	74.9	75.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
3500	71.9	74.6	75.9	76.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
3000	73.5	76.3	77.6	78.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
2500	75.3	78.1	80.0	81.1	82.4	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2000	76.9	80.6	82.2	83.5	85.1	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1800	77.5	81.7	83.2	84.7	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1500	78.6	83.5	85.3	86.8	88.3	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
1200	79.6	85.6	87.5	89.2	91.0	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1000	80.0	86.6	88.7	90.8	92.6	92.7	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
900	80.3	87.6	89.8	91.8	93.7	93.8	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
800	80.3	87.7	89.9	92.2	94.4	94.5	94.9	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
700	80.4	88.0	90.2	92.6	94.9	95.3	95.0	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
600	80.4	88.0	90.2	92.6	95.1	95.5	95.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
500	80.4	88.0	90.2	92.7	95.2	95.6	95.6	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
400	80.4	88.0	90.2	92.9	95.4	96.0	95.3	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
300	80.4	88.0	90.2	92.9	95.6	96.2	95.2	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	80.4	88.0	90.2	92.9	95.6	96.2	95.2	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	80.4	88.0	90.2	92.9	95.6	96.2	95.2	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	80.4	88.0	90.2	92.9	95.6	96.2	95.2	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-71
YEAR

ALL
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING	47.6	49.9	50.3	50.7	51.1	51.1	51.3	51.5	51.0	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 20000	50.2	52.7	53.2	53.6	54.0	54.1	54.3	54.5	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8
≥ 18000	50.7	53.2	53.7	54.0	54.5	54.6	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.3
≥ 16000	51.0	53.5	54.0	54.4	54.8	54.9	55.1	55.2	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6
≥ 14000	52.1	54.7	55.3	55.7	56.1	56.2	56.4	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	53.1	55.8	56.4	56.9	57.4	57.5	57.8	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.3
≥ 10000	55.3	58.1	58.7	59.2	59.8	59.9	60.1	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.7
≥ 9000	55.7	58.6	59.2	59.8	60.3	60.5	60.7	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.3
≥ 8000	56.8	59.9	60.5	61.1	61.7	61.8	62.0	62.3	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 7000	58.1	61.3	61.9	62.6	63.2	63.3	63.6	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.2	64.2
≥ 6000	59.8	63.1	63.9	64.6	65.2	65.3	65.6	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.2	66.2
≥ 5000	62.2	66.0	66.8	67.6	68.3	68.4	68.7	68.9	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3
≥ 4500	62.9	66.7	67.5	68.4	69.0	69.1	69.4	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 4000	64.4	69.4	69.3	70.2	70.9	71.0	71.3	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0
≥ 3500	65.5	69.6	70.5	71.4	72.2	72.3	72.6	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.3
≥ 3000	67.4	71.9	72.8	73.8	74.6	74.7	75.1	75.3	75.4	75.6	75.6	75.7	75.8	75.8	75.8	75.8
≥ 2500	69.4	74.3	75.3	76.3	77.1	77.3	77.7	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4
≥ 2000	71.8	77.4	78.6	79.8	80.8	81.0	81.5	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.3
≥ 1800	72.4	78.3	79.0	80.8	81.9	82.1	82.5	82.8	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.4
≥ 1500	73.7	80.3	81.8	83.3	84.3	84.8	85.3	85.7	85.8	86.0	86.1	86.2	86.3	86.3	86.3	86.3
≥ 1200	74.4	81.9	83.7	85.3	86.7	87.1	87.7	88.2	88.4	88.6	88.8	88.8	88.8	88.9	88.9	89.0
≥ 1000	74.7	82.8	84.7	86.6	88.3	88.7	89.6	90.3	90.6	90.9	91.1	91.2	91.3	91.3	91.3	91.4
≥ 900	74.8	83.2	85.3	87.3	89.1	89.6	90.5	91.3	91.6	91.9	92.2	92.3	92.4	92.4	92.5	92.5
≥ 800	74.9	83.5	85.7	87.8	89.8	90.3	91.5	92.4	92.8	93.2	93.5	93.6	93.7	93.8	93.8	93.8
≥ 700	74.9	83.8	86.0	88.2	90.3	91.0	92.3	93.3	93.7	94.1	94.5	94.6	94.6	94.8	94.8	94.9
≥ 500	74.9	83.8	86.1	88.5	90.8	91.5	92.0	94.2	94.7	95.2	95.6	95.8	95.9	96.0	96.0	96.0
≥ 400	74.9	83.9	86.1	88.5	90.9	91.7	93.3	94.7	95.3	95.9	96.3	96.4	96.7	96.7	96.7	96.8
≥ 300	74.9	83.9	86.2	88.6	91.1	91.9	93.7	95.2	96.0	96.7	97.2	97.4	97.4	97.7	97.7	97.8
≥ 200	74.9	83.9	86.2	88.6	91.2	92.0	93.9	95.6	96.4	97.2	97.8	98.0	98.3	98.4	98.4	98.5
≥ 100	74.9	83.9	86.2	88.6	91.2	92.0	94.0	95.7	96.7	97.5	98.1	98.6	99.0	99.1	99.2	99.4
≥ 0	74.9	83.9	86.2	88.6	91.2	92.0	93.0	95.7	96.7	97.5	98.4	98.7	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DFWTT AFB NE
STATION NAME

69-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	53.8	55.9	56.2	56.6	56.6	56.9	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	57.1	59.2	59.6	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	57.7	59.8	60.1	60.4	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	57.9	60.0	60.3	60.7	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 14000	58.9	61.0	61.3	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	60.6	62.9	63.2	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 10000	62.9	65.4	65.8	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	63.2	65.8	66.1	66.4	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 8000	65.8	68.4	68.8	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	66.8	69.4	69.9	70.2	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 6000	69.6	72.6	73.0	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	72.8	76.3	76.8	77.1	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 4500	73.8	77.9	78.3	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	74.8	79.0	79.6	80.1	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3500	76.4	80.8	81.3	81.9	82.0	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	77.4	81.8	82.3	82.9	83.6	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 2500	78.7	83.4	84.3	85.0	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	79.8	85.3	86.8	87.4	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1600	80.0	85.9	87.6	88.3	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	80.3	86.7	88.7	89.7	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200	80.9	87.7	90.1	91.4	92.4	92.8	93.2	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	81.2	88.6	91.8	93.3	94.4	94.8	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 900	81.6	89.0	92.2	94.0	95.4	95.8	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	81.6	89.0	92.4	94.2	95.8	96.1	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	81.6	89.4	93.0	94.9	96.6	96.9	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	81.6	89.6	93.2	95.2	96.9	97.2	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	81.6	89.6	93.2	95.6	97.3	97.7	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	81.6	89.7	93.3	95.7	97.6	97.9	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	81.6	89.7	93.3	95.7	97.6	97.9	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	81.6	89.7	93.3	95.7	97.7	98.0	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	81.6	89.7	93.3	95.7	97.7	98.0	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	81.6	89.7	93.3	95.7	97.7	98.0	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS 157

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	51.6	55.1	55.9	56.0	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 2000	52.6	56.1	56.9	57.0	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1800	53.1	56.7	57.4	57.6	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1600	53.4	57.0	57.8	57.9	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 1400	54.3	58.0	58.8	58.9	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1200	59.1	59.8	60.6	60.7	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 1000	59.9	64.0	64.9	65.0	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 900	60.2	64.3	65.4	65.6	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 800	61.6	65.7	66.8	67.1	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 700	62.0	67.1	68.2	68.6	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 600	65.4	69.9	71.3	71.7	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 500	68.8	73.8	75.4	75.9	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 450	69.7	75.0	76.7	77.1	77.7	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 400	71.1	76.8	78.9	79.1	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 350	71.4	77.2	79.0	79.6	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 300	72.2	79.1	81.2	81.8	82.4	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 250	74.0	80.2	82.7	83.4	84.4	84.4	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 200	75.2	81.8	84.3	85.2	86.2	86.2	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	75.8	82.6	85.4	86.4	87.7	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	76.2	83.4	86.7	88.0	89.3	89.3	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	77.2	85.0	88.0	90.1	91.7	91.7	92.1	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	77.9	86.2	90.1	92.0	93.8	93.9	94.3	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	78.3	86.9	90.9	92.9	94.8	94.9	95.6	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	78.3	87.1	91.2	93.3	95.1	95.4	96.1	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	78.3	87.2	91.4	93.8	96.0	96.2	96.9	97.3	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	78.3	87.2	91.4	94.0	96.2	96.4	97.1	97.6	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	78.3	87.3	91.6	94.1	96.3	96.6	97.2	97.9	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	78.3	87.3	91.6	94.2	96.4	96.7	97.4	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	78.3	87.4	91.7	94.3	96.6	96.8	97.6	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	78.3	87.4	91.7	94.3	96.6	96.8	97.6	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	78.3	87.4	91.7	94.3	96.6	96.8	97.6	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	78.3	87.4	91.7	94.3	96.6	96.8	97.6	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14942
STATION

OFFUTT AFB NE
STATION NAME

1978
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO. CEILING	46.4	47.1	48.9	48.9	49.3	49.3	49.7	49.7	49.7	49.7	50.0	50.0	50.1	50.1	50.1	50.4
≥ 20000	48.4	50.4	51.4	51.4	51.9	51.9	52.2	52.2	52.2	52.2	52.6	52.6	52.7	52.7	52.7	53.0
≥ 18000	48.8	50.8	51.8	51.8	52.2	52.2	52.6	52.6	52.6	52.6	52.9	52.9	53.0	53.0	53.0	53.3
≥ 16000	49.4	51.4	52.4	52.4	52.9	52.9	53.2	53.2	53.2	53.2	53.6	53.6	53.7	53.7	53.7	54.0
≥ 14000	50.2	52.2	53.2	53.2	53.7	53.7	54.0	54.0	54.0	54.0	54.3	54.3	54.4	54.4	54.4	54.8
≥ 12000	51.0	53.6	54.6	54.7	55.1	55.1	55.4	55.4	55.4	55.4	55.8	55.8	55.9	55.9	55.9	56.2
≥ 10000	54.7	56.9	57.9	58.0	58.4	58.4	58.9	58.9	58.9	58.9	59.2	59.2	59.3	59.3	59.3	59.7
≥ 9000	55.0	57.2	58.2	58.3	58.8	58.8	59.2	59.2	59.2	59.2	59.6	59.6	59.7	59.7	59.7	60.0
≥ 8000	57.2	59.9	61.0	61.1	61.6	61.7	62.1	62.1	62.1	62.1	62.4	62.4	62.6	62.6	62.6	62.9
≥ 7000	58.4	61.6	62.7	62.8	63.2	63.2	63.8	63.8	63.8	63.8	64.1	64.1	64.2	64.2	64.2	64.6
≥ 6000	60.9	64.4	65.7	65.9	66.3	66.4	66.9	66.9	66.9	66.9	67.2	67.2	67.3	67.3	67.3	67.7
≥ 5000	63.7	67.7	68.9	69.1	69.7	69.8	70.3	70.3	70.3	70.3	70.7	70.7	70.8	70.8	70.8	71.1
≥ 4500	64.8	69.0	70.2	70.4	71.0	71.1	71.7	71.7	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.4
≥ 4000	65.9	70.2	71.7	72.0	72.9	73.1	73.8	73.8	73.8	73.8	74.1	74.1	74.2	74.2	74.2	74.6
≥ 3500	66.4	71.1	72.6	72.9	73.8	74.1	74.8	74.8	74.8	74.8	75.1	75.1	75.2	75.2	75.2	75.6
≥ 3000	68.2	73.2	74.8	75.1	76.1	76.4	77.2	77.2	77.2	77.2	77.5	77.5	77.7	77.7	77.7	78.0
≥ 2500	69.3	74.6	76.2	76.8	78.0	78.3	79.1	79.1	79.1	79.1	79.4	79.4	79.6	79.6	79.6	79.9
≥ 2000	71.4	77.2	78.9	79.6	80.8	81.1	81.9	81.9	81.9	81.9	82.2	82.2	82.3	82.3	82.3	82.7
≥ 1800	72.1	78.0	79.8	80.4	81.9	82.3	83.1	83.1	83.1	83.1	83.4	83.4	83.6	83.6	83.6	83.9
≥ 1500	73.7	80.2	82.3	83.6	85.2	85.7	86.4	86.4	86.4	86.4	86.7	86.7	87.0	87.1	87.1	87.4
≥ 1200	74.9	82.7	84.9	86.2	88.3	88.8	89.7	89.9	90.2	90.2	90.7	90.7	90.8	90.8	90.8	91.1
≥ 1000	75.3	84.2	86.6	87.9	90.9	91.3	92.6	92.9	93.3	93.3	93.8	93.8	94.9	93.9	93.9	94.3
≥ 900	75.8	85.0	87.3	88.7	91.7	92.1	93.3	93.8	94.2	94.3	94.8	94.8	94.9	94.9	94.9	95.3
≥ 800	75.8	85.1	87.6	88.9	92.1	92.8	94.0	94.4	94.9	95.1	95.6	95.6	95.7	95.7	95.7	96.1
≥ 700	75.8	85.1	87.6	88.9	92.4	93.1	94.4	95.0	95.4	95.7	96.2	96.2	96.3	96.3	96.3	96.8
≥ 600	75.9	85.3	87.8	89.4	93.1	93.8	95.1	95.8	96.3	96.7	97.3	97.3	97.4	97.4	97.4	97.9
≥ 500	75.9	85.3	87.8	89.4	93.3	94.0	95.3	96.3	97.0	97.3	98.0	98.0	98.1	98.1	98.1	98.6
≥ 400	75.9	85.3	87.8	89.4	93.3	94.0	95.3	96.3	97.1	97.4	98.1	98.1	98.2	98.2	98.2	98.7
≥ 300	75.9	85.3	87.8	89.4	93.3	94.0	95.4	96.4	97.2	97.6	98.3	98.3	98.6	98.6	98.7	99.1
≥ 200	75.9	85.4	87.9	89.6	93.4	94.1	95.6	96.6	97.3	97.7	98.5	98.6	98.8	98.8	99.2	99.8
≥ 100	75.9	85.4	87.9	89.6	93.4	94.1	95.6	96.6	97.3	97.7	98.6	98.6	98.8	98.8	99.2	99.8
≥ 0	75.9	85.4	87.9	89.6	93.4	94.1	95.6	96.6	97.3	97.7	98.6	98.6	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

0-70
FARE

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LT)

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	45.8	48.4	48.7	48.8	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	50.6	53.3	53.6	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 1800	50.8	53.7	53.9	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1600	51.2	54.1	54.3	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1400	52.1	55.0	55.2	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 1200	53.8	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 1000	57.2	60.3	60.6	60.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 900	57.9	61.0	61.2	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 800	60.2	63.6	63.8	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 700	61.2	64.6	64.8	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 600	63.1	67.1	67.3	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 500	66.2	70.2	70.6	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 450	66.6	70.7	71.0	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 400	68.4	73.4	73.9	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 350	69.9	75.0	75.4	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 300	71.3	77.1	77.7	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 250	73.1	79.2	79.9	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 200	75.4	82.3	83.1	83.2	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 180	76.1	83.3	84.1	84.2	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 150	76.3	86.6	87.6	87.7	88.2	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 120	80.0	89.4	90.9	91.1	91.7	92.0	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.8	92.8	92.8
≥ 100	80.3	91.1	93.1	93.3	94.2	94.6	94.6	95.0	95.2	95.3	95.3	95.3	95.3	95.7	95.7	95.7
≥ 90	80.3	91.3	93.4	93.7	94.8	95.1	95.4	95.6	95.8	95.9	96.1	96.1	96.1	96.4	96.4	96.4
≥ 80	80.3	91.4	93.7	93.9	95.1	95.6	95.6	96.7	97.1	97.2	97.4	97.4	97.4	97.8	97.8	97.8
≥ 70	80.4	91.7	94.1	94.3	95.7	96.2	97.2	97.3	97.8	98.0	98.2	98.3	98.3	98.7	98.7	98.7
≥ 60	80.6	91.8	94.3	94.7	96.0	96.6	97.6	97.7	98.1	98.4	98.7	98.8	98.8	99.1	99.1	99.1
≥ 50	80.6	91.8	94.3	94.7	96.0	96.6	97.6	97.7	98.2	98.7	98.9	99.0	99.0	99.3	99.3	99.3
≥ 40	80.6	91.8	94.3	94.8	96.1	96.7	97.8	97.9	98.6	99.0	99.3	99.4	99.4	99.8	99.8	99.8
≥ 30	80.6	91.8	94.3	94.8	96.1	96.7	97.8	97.9	98.7	99.1	99.4	99.6	99.6	99.9	99.9	99.9
≥ 20	80.6	91.8	94.3	94.8	96.1	96.7	97.8	97.9	98.7	99.1	99.4	99.6	100.0	100.0	100.0	100.0
≥ 10	80.6	91.8	94.3	94.8	96.1	96.7	97.8	97.9	98.7	99.1	99.4	99.6	100.0	100.0	100.0	100.0
≥ 0	80.6	91.8	94.3	94.8	96.1	96.7	97.8	97.9	98.7	99.1	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAAC

CEILING VERSUS VISIBILITY

14949

OFUTT AFB NE

69-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	46.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	52.3	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	52.7	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	53.0	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	53.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	55.8	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	57.9	57.9
≥ 10000	58.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	59.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	61.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	62.9	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	65.0	65.0
≥ 6000	65.1	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	68.4	72.0	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	69.7	73.3	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	71.9	76.0	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	73.4	77.8	78.1	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3000	75.6	81.1	81.4	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	77.9	82.8	83.1	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	79.4	85.7	86.0	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1800	80.4	87.0	87.4	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
1500	82.0	89.3	89.8	90.1	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
1200	83.2	90.8	91.4	91.8	92.8	92.9	93.2	93.3	93.3	93.3	93.3	93.4	93.7	93.7	93.7	93.7
1000	83.8	92.7	93.4	94.4	95.7	95.8	96.4	96.6	96.6	96.7	96.7	96.8	97.0	97.0	97.0	97.0
900	83.4	92.7	93.6	94.6	95.9	96.0	96.8	97.0	97.1	97.3	97.3	97.4	97.7	97.7	97.7	97.7
800	83.9	93.0	93.9	94.9	96.3	96.6	97.6	97.8	97.9	98.2	98.2	98.3	98.6	98.6	98.6	98.6
700	83.9	93.2	94.1	95.1	96.7	96.9	97.9	98.2	98.4	98.9	98.9	99.0	99.2	99.2	99.2	99.2
600	83.9	93.2	94.1	95.1	96.8	97.0	98.0	98.3	98.7	99.1	99.1	99.2	99.4	99.4	99.4	99.4
500	83.9	93.2	94.1	95.1	96.8	97.0	98.0	98.6	98.9	99.4	99.4	99.6	99.8	99.8	99.8	99.8
400	83.9	93.2	94.1	95.1	96.8	97.0	98.1	98.8	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0
300	83.9	93.2	94.1	95.1	96.8	97.0	98.1	98.8	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0
200	83.9	93.2	94.1	95.1	96.8	97.0	98.1	98.8	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0
100	83.9	93.2	94.1	95.1	96.8	97.0	98.1	98.8	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0
0	83.9	93.2	94.1	95.1	96.8	97.0	98.1	98.8	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/IIAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1 70
HOURS TT 5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 2000	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1800	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 1600	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 1400	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1200	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1000	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 900	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 800	65.6	66.2	66.2	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
≥ 700	66.9	67.6	67.6	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
≥ 600	68.3	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 500	70.2	71.2	71.4	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
≥ 400	71.2	72.6	72.8	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 300	74.0	75.8	76.0	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 250	77.0	78.9	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 200	79.4	81.4	81.8	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 180	81.2	84.2	84.7	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 160	83.1	86.4	87.0	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 150	84.7	89.3	90.0	91.4	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 120	86.0	91.3	92.2	93.9	94.2	94.3	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 100	86.8	92.4	93.6	95.3	96.2	96.3	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 90	86.8	92.9	94.2	96.1	97.1	97.2	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 80	86.8	93.0	94.3	96.3	97.4	97.6	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 70	86.8	93.0	94.3	96.3	97.7	97.8	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 60	86.8	93.0	94.3	96.3	97.7	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	86.8	93.0	94.3	96.3	97.7	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 40	86.8	93.0	94.3	96.3	97.7	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30	86.8	93.0	94.3	96.3	97.7	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20	86.8	93.0	94.3	96.3	97.7	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	86.8	93.0	94.3	96.3	97.7	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	86.8	93.0	94.3	96.3	97.7	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

69-7d

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
3000 LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	50.6	57.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 2000	55.0	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 1800	55.4	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 1500	55.4	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 1400	56.2	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1200	58.1	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1000	61.2	62.9	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	63.2
≥ 900	62.7	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 800	65.2	67.2	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 700	66.6	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 600	68.6	71.0	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	71.4	74.4	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 450	72.7	76.1	76.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 400	75.8	79.8	80.2	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 350	77.6	81.8	82.2	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 300	79.0	83.3	83.8	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 250	81.1	85.9	86.4	87.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 200	82.6	88.1	88.8	89.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 180	82.9	88.6	89.2	89.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 160	84.0	90.0	90.7	91.3	92.3	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 140	84.3	90.9	91.7	92.7	93.7	93.8	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 120	84.4	91.4	92.2	93.3	94.3	94.4	95.1	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	84.8	91.8	92.6	93.8	94.8	94.9	95.9	95.9	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 80	84.8	92.2	93.1	95.0	96.1	96.2	97.3	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 70	84.8	92.4	93.4	95.7	97.0	97.1	98.4	98.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 60	84.8	92.7	93.7	96.0	97.4	97.6	98.7	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 50	84.8	92.7	93.8	96.1	97.6	97.7	98.8	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 40	84.8	92.7	93.8	96.1	97.6	97.7	98.8	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30	84.8	92.7	93.8	96.1	97.6	97.7	98.8	98.9	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20	84.9	92.8	93.9	96.2	97.7	97.8	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	84.9	92.8	93.9	96.2	97.7	97.8	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.9	92.8	93.9	96.2	97.7	97.8	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
 USAF/ITAL
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
TIME

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING ≥ 20000	52.9	54.3	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	55.9	57.3	57.9	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	56.3	57.8	58.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	56.7	58.3	58.9	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
≥ 12000	57.0	59.4	60.0	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	58.0	60.4	61.0	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	61.1	62.8	63.3	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	61.4	63.1	63.7	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	63.2	65.1	65.6	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	65.3	67.4	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 5000	67.8	70.1	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	71.3	74.3	75.1	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	72.4	75.8	76.6	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	75.4	79.9	79.9	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	77.1	81.1	82.1	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	78.6	83.0	84.2	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	80.1	85.0	86.2	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	81.0	86.9	88.6	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	81.1	87.3	89.1	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	81.9	88.7	91.0	91.9	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	82.3	89.9	92.7	93.7	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	82.3	90.3	93.3	94.4	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	82.4	90.4	93.7	95.0	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	82.6	90.7	93.9	95.8	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	82.6	90.8	94.0	95.9	97.0	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	82.6	90.8	94.3	96.2	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	82.6	90.8	94.3	96.3	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	82.6	90.8	94.3	96.6	98.4	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	82.6	90.8	94.3	96.6	98.6	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	82.6	90.8	94.3	96.6	98.6	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	82.6	90.8	94.3	96.6	98.6	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

59-78
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0	
NO CEILING	49.7	51.5	51.8	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	57.3
≥ 2000	53.3	55.2	55.0	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
≥ 1800	53.6	55.6	56.0	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
≥ 1600	53.9	55.9	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9
≥ 1400	54.8	56.8	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8
≥ 1200	50.5	52.6	59.0	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6
≥ 1000	59.0	61.8	62.3	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 900	60.2	62.4	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5
≥ 800	62.5	64.9	65.4	65.5	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.1
≥ 700	63.9	66.4	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6
≥ 600	66.1	69.0	69.0	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
≥ 500	69.1	72.5	73.2	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2
≥ 4500	70.1	73.8	74.3	74.8	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 4000	72.2	76.2	77.0	77.4	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 3500	73.7	78.0	78.8	79.2	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 3000	75.5	80.0	80.9	81.4	81.9	81.9	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 2500	76.9	81.9	82.9	83.5	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 2000	78.2	84.2	85.4	86.1	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2
≥ 1800	79.0	85.0	86.3	87.0	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3
≥ 1500	80.1	86.8	88.3	89.2	90.1	90.3	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0
≥ 1200	81.1	88.5	90.3	91.4	92.4	92.7	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.6	93.6	93.7	93.7
≥ 1000	81.5	89.5	91.8	93.0	94.4	94.6	95.2	95.4	95.6	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0
≥ 900	81.7	90.0	92.2	93.5	95.0	95.3	96.0	96.2	96.4	96.6	96.7	96.7	96.8	96.8	96.9	96.9	96.9
≥ 800	81.8	90.2	92.5	94.0	95.7	96.0	96.8	97.0	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.9	97.9
≥ 700	81.8	90.4	92.8	94.4	96.2	96.5	97.4	97.7	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.6
≥ 600	81.8	90.6	92.9	94.6	96.5	96.8	97.8	98.0	98.3	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0
≥ 500	81.8	90.5	92.9	94.7	96.6	97.0	97.9	98.3	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3
≥ 450	81.8	90.5	92.9	94.8	96.7	97.1	98.0	98.5	98.8	99.1	99.1	99.2	99.3	99.4	99.4	99.5	99.5
≥ 400	81.8	90.5	93.0	94.8	96.8	97.1	98.1	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7
≥ 300	81.8	90.5	93.0	94.8	96.8	97.1	98.2	98.6	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.9
≥ 200	81.8	90.5	93.0	94.8	96.8	97.1	98.2	98.6	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.9	100.0
≥ 100	81.8	90.5	93.0	94.8	96.8	97.1	98.2	98.6	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
∞	58.1	61.6	61.9	62.0	62.2	62.2	62.3	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	63.0
≥ 2000	62.4	65.0	66.7	66.8	66.9	66.9	67.0	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.7
≥ 1800	62.4	66.0	66.7	66.9	67.0	67.0	67.1	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.8
≥ 1600	62.5	65.1	66.4	67.0	67.1	67.1	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	68.0
≥ 1400	63.4	67.1	67.7	68.0	68.2	68.2	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	69.0
≥ 1200	62.2	68.9	69.8	70.1	70.3	70.3	70.4	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.2
≥ 1000	67.4	71.3	72.2	72.5	72.7	72.7	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.5
≥ 900	68.4	72.3	73.1	73.4	73.7	73.7	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.5
≥ 800	71.2	75.1	75.9	76.2	76.5	76.5	76.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 700	72.9	76.8	77.6	78.0	78.2	78.2	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	79.0
≥ 600	75.2	79.5	80.3	81.0	81.2	81.2	81.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	82.0
≥ 500	77.7	82.3	83.2	84.1	84.3	84.3	84.4	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	85.2
≥ 450	78.4	83.3	84.3	85.2	85.4	85.4	85.5	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.2
≥ 400	80.0	85.4	86.3	87.2	87.4	87.5	87.6	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.4
≥ 350	80.2	85.8	86.8	87.6	87.8	88.0	88.1	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.8
≥ 300	81.4	87.2	88.4	89.4	89.6	89.7	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.5
≥ 250	81.9	88.0	89.2	90.2	90.4	90.5	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.4
≥ 200	82.7	88.8	90.1	91.2	91.7	91.8	91.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 180	82.8	89.0	90.3	91.4	91.9	92.0	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.9
≥ 150	83.9	90.1	91.5	92.6	93.2	93.3	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.2
≥ 120	84.4	90.9	92.4	93.4	94.1	94.3	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	95.2
≥ 100	84.6	91.6	93.1	94.5	95.2	95.6	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.5
≥ 90	85.1	92.2	93.8	95.2	95.8	96.2	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.1
≥ 80	85.5	92.7	94.3	95.7	96.3	96.9	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.7
≥ 70	85.6	92.8	94.4	95.8	96.6	97.1	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	98.1
≥ 60	85.6	92.8	94.4	95.8	96.7	97.2	97.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.2
≥ 50	85.6	92.8	94.6	96.1	97.3	98.0	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.9
≥ 40	85.6	92.9	94.8	96.3	97.5	98.3	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.4
≥ 30	85.6	92.9	94.8	96.3	97.5	98.4	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 20	85.6	92.9	94.8	96.3	97.5	98.4	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 10	85.6	92.9	94.8	96.3	97.5	98.4	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 0	85.6	92.9	94.8	96.3	97.5	98.4	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-78
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0	
NO CEILING	48.9	54.4	55.5	56.1	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8	56.8	57.4	57.4	57.5	57.8
≥ 20000	53.1	59.6	60.8	61.4	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.9	62.9	63.0	63.3
≥ 18000	53.5	60.0	61.2	61.8	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.7	62.7	63.3	63.3	63.4	63.8
≥ 16000	53.9	60.3	61.5	62.2	62.6	62.6	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.7	63.7	63.8	64.1
≥ 14000	54.3	60.9	62.0	62.8	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.5	64.5	64.6	64.9
≥ 12000	56.3	62.0	64.2	64.9	65.6	65.6	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.8	66.8	66.9	67.2
≥ 10000	59.8	66.7	68.0	68.8	69.5	69.5	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.6	70.6	70.8	71.1
≥ 9000	60.5	67.5	68.8	69.8	70.4	70.4	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.6	71.6	71.7	72.0
≥ 8000	63.0	70.1	71.5	72.5	73.2	73.2	73.5	73.5	73.7	73.7	73.7	73.8	73.8	74.4	74.4	74.5	74.8
≥ 7000	64.2	71.7	73.3	74.3	75.1	75.1	75.4	75.4	75.5	75.5	75.5	75.6	75.6	76.2	76.2	76.3	76.7
≥ 6000	64.6	72.3	74.0	74.9	75.8	75.8	76.1	76.1	76.2	76.2	76.2	76.3	76.3	77.0	77.0	77.1	77.4
≥ 5000	67.5	75.7	77.5	78.5	79.4	79.4	79.7	79.7	79.8	79.8	79.9	80.0	80.0	80.6	80.6	80.8	81.1
≥ 4500	68.1	76.5	78.4	79.4	80.2	80.2	80.5	80.5	80.6	80.6	80.8	80.9	80.9	81.5	81.5	81.6	81.9
≥ 4000	70.4	79.0	81.2	82.2	83.3	83.3	83.7	83.7	83.8	84.0	84.1	84.1	84.1	84.7	84.7	84.8	85.2
≥ 3500	71.0	80.1	82.3	83.2	84.4	84.4	84.7	84.7	84.8	85.1	85.2	85.2	85.2	85.8	85.8	85.9	86.2
≥ 3000	71.9	81.3	83.4	84.5	85.6	85.6	86.1	86.1	86.2	86.5	86.6	86.6	86.6	87.2	87.2	87.3	87.6
≥ 2500	73.4	82.7	85.5	86.6	87.8	87.8	88.2	88.2	88.3	88.5	88.6	88.6	88.6	89.2	89.2	89.4	89.7
≥ 2000	74.3	84.3	86.8	88.0	89.2	89.4	89.7	89.7	89.8	90.0	90.1	90.1	90.1	90.8	90.8	90.9	91.2
≥ 1800	74.6	84.7	87.4	88.6	90.0	90.1	90.4	90.4	90.5	90.8	90.9	90.9	90.9	91.5	91.5	91.6	91.9
≥ 1500	75.3	85.7	88.6	89.9	91.3	91.4	91.7	91.7	91.8	92.0	92.2	92.2	92.2	92.8	92.8	92.9	93.2
≥ 1200	75.8	87.0	89.9	91.2	92.6	92.8	93.1	93.1	93.2	93.4	93.5	93.5	93.5	94.2	94.2	94.3	94.6
≥ 1000	75.9	87.8	90.8	92.7	93.5	93.8	94.1	94.2	94.3	94.5	94.6	94.6	94.6	95.3	95.3	95.4	95.7
≥ 900	76.2	88.3	91.4	92.8	94.2	94.4	94.7	94.8	94.8	95.2	95.3	95.3	95.3	95.9	95.9	96.0	96.3
≥ 800	76.2	88.5	91.8	93.2	94.7	94.9	95.3	95.6	95.7	95.9	96.0	96.0	96.0	96.7	96.7	96.8	97.1
≥ 700	76.2	88.6	91.9	93.3	94.8	95.1	95.6	95.7	95.8	96.0	96.1	96.1	96.1	96.8	96.8	96.9	97.2
≥ 600	76.3	88.7	92.2	93.5	95.2	95.4	95.9	96.0	96.1	96.3	96.5	96.5	96.5	97.1	97.1	97.2	97.5
≥ 500	76.3	88.9	92.4	94.7	96.0	96.6	97.1	97.2	97.3	97.5	97.6	97.6	97.6	98.3	98.3	98.4	98.7
≥ 400	76.3	88.9	92.5	94.4	96.5	97.1	97.6	97.7	97.8	98.0	98.2	98.3	98.3	98.9	98.9	99.0	99.4
≥ 300	76.3	88.9	92.5	94.4	96.5	97.1	97.6	97.8	98.1	98.3	98.4	98.4	98.4	99.0	99.0	99.1	99.5
≥ 200	76.3	88.9	92.5	94.4	96.5	97.1	97.6	98.0	98.3	98.6	98.7	98.7	98.7	99.4	99.4	99.5	99.8
≥ 100	76.3	88.9	92.5	94.4	96.5	97.1	97.6	98.0	98.3	98.7	98.8	98.8	98.8	99.5	99.5	99.6	99.9
≥ 0	76.3	88.9	92.5	94.4	96.5	97.1	97.6	98.0	98.3	98.7	98.8	98.8	98.8	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-70
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	45.2	50.5	51.4	52.5	53.5	53.5	53.8	53.8	53.9	54.1	54.1	54.1	54.1	54.2	54.2	54.2
≥ 20000	49.1	55.3	56.2	57.3	58.4	58.5	58.7	58.7	58.8	59.0	59.0	59.0	59.0	59.1	59.1	59.1
IV 18000	49.2	55.6	56.6	57.6	58.7	58.8	59.0	59.0	59.1	59.4	59.4	59.4	59.4	59.5	59.5	59.5
IV 16000	49.5	55.8	56.8	57.8	58.9	59.0	59.2	59.2	59.4	59.6	59.6	59.6	59.6	59.7	59.7	59.7
IV 14000	50.3	56.7	57.6	58.7	59.8	59.9	60.1	60.1	60.2	60.4	60.4	60.4	60.4	60.5	60.5	60.5
IV 12000	52.1	59.0	60.0	61.1	62.2	62.3	62.5	62.5	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9
IV 10000	55.9	62.9	63.9	64.9	66.1	66.2	66.6	66.6	66.7	66.9	66.9	66.9	66.9	67.0	67.0	67.0
IV 9000	56.7	63.7	64.7	65.8	67.0	67.1	67.4	67.4	67.5	67.7	67.7	67.7	67.7	67.8	67.8	67.8
IV 8000	59.4	67.0	68.2	69.4	70.8	70.9	71.2	71.2	71.3	71.5	71.5	71.5	71.5	71.6	71.6	71.6
IV 7000	60.6	68.9	70.3	71.5	72.9	73.0	73.3	73.3	73.4	73.7	73.7	73.7	73.7	73.8	73.8	73.8
IV 6000	61.5	70.2	71.6	72.8	74.2	74.3	74.6	74.6	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1
IV 5000	63.3	73.0	74.6	76.0	77.5	77.6	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.6	78.6	78.6
IV 4500	64.1	73.9	75.6	77.0	78.6	78.7	79.1	79.1	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7
IV 4000	66.7	76.8	78.6	80.1	81.9	82.0	82.6	82.6	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1
IV 3500	67.2	77.4	79.2	80.8	82.6	82.7	83.2	83.2	83.4	83.7	83.7	83.7	83.7	83.8	83.8	83.8
IV 3000	68.8	79.2	81.1	82.6	84.6	84.8	85.4	85.4	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0
IV 2500	70.0	80.9	82.8	84.5	86.6	87.0	87.5	87.5	87.8	88.1	88.1	88.1	88.2	88.3	88.3	88.3
IV 2000	70.6	81.7	83.7	85.4	87.7	88.0	88.6	88.9	89.2	89.5	89.5	89.5	89.6	89.7	89.7	89.7
IV 1800	71.2	82.5	84.4	86.2	88.6	88.8	89.6	89.9	90.2	90.4	90.4	90.4	90.5	90.6	90.6	90.6
IV 1500	71.7	83.4	85.5	87.5	89.9	90.1	91.0	91.4	91.8	92.2	92.2	92.2	92.3	92.4	92.4	92.4
IV 1200	72.2	84.2	86.2	88.3	90.8	91.1	91.9	92.4	92.8	93.1	93.1	93.1	93.2	93.3	93.3	93.3
IV 1000	72.8	85.4	87.4	89.7	92.2	92.6	93.4	94.0	94.4	94.7	94.7	94.7	94.8	94.9	94.9	94.9
IV 900	72.9	85.7	87.7	90.1	92.6	93.0	94.0	94.5	94.9	95.3	95.3	95.3	95.4	95.5	95.5	95.5
IV 800	73.0	86.5	88.5	90.9	93.3	93.8	94.7	95.3	95.7	96.1	96.1	96.1	96.2	96.3	96.3	96.3
IV 700	73.0	86.5	88.6	91.3	93.8	94.2	95.2	95.7	96.1	96.6	96.6	96.6	96.7	96.8	96.8	96.8
IV 600	73.0	86.6	88.8	91.5	94.1	94.5	95.5	96.0	96.5	96.9	96.9	96.9	97.0	97.1	97.1	97.1
IV 500	73.0	86.8	89.0	91.9	94.6	95.1	96.2	96.8	97.2	97.6	97.6	97.6	97.7	97.8	97.8	97.8
IV 400	73.0	86.9	89.1	92.0	94.9	95.4	96.9	98.1	98.5	98.9	98.9	98.9	99.0	99.1	99.2	99.2
IV 300	73.0	86.9	89.1	92.0	94.9	95.4	96.9	98.2	98.7	99.1	99.2	99.2	99.4	99.5	99.5	99.5
IV 200	73.0	86.9	89.1	92.0	94.9	95.4	96.9	98.3	98.8	99.2	99.4	99.4	99.5	99.6	99.6	99.7
IV 100	73.0	86.9	89.1	92.0	94.9	95.4	96.9	98.3	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0
IV 0	73.0	86.9	89.1	92.0	94.9	95.4	96.9	98.3	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
GROUP (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	50.1	53.1	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	54.8	58.3	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	54.9	58.4	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	55.3	58.7	59.2	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	56.3	60.2	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	57.6	61.7	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	60.1	64.3	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	61.1	65.3	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	64.3	69.1	70.0	70.3	70.4	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	65.5	70.8	71.6	71.9	72.0	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	66.3	71.8	72.7	73.0	73.1	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	68.5	74.5	75.5	75.9	76.2	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	68.9	75.3	76.2	76.7	77.0	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	70.8	76.1	77.4	77.9	80.2	80.3	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	71.5	77.8	80.1	80.6	81.0	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	73.3	81.5	82.8	83.5	84.1	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	74.1	82.5	83.8	84.5	85.1	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	75.9	85.2	86.7	87.4	88.0	88.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	76.5	86.2	87.8	88.6	89.1	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	77.5	88.0	90.1	91.0	91.6	91.7	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	78.6	89.7	91.9	92.9	93.5	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	79.1	91.1	93.5	94.5	95.2	95.3	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	79.6	91.6	94.1	95.2	95.8	95.9	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	79.9	92.3	94.7	96.0	96.7	96.8	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	80.1	92.6	95.2	96.6	97.2	97.4	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	80.3	92.8	95.4	96.9	97.5	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	80.4	93.1	95.8	97.3	98.0	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	80.4	93.1	95.8	97.3	98.0	98.5	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	80.4	93.1	95.8	97.3	98.0	98.5	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.4	93.1	95.8	97.3	98.0	98.5	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.4	93.1	95.8	97.3	98.0	98.5	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.4	93.1	95.8	97.3	98.0	98.5	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	49.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	56.6	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	56.7	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	56.9	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	58.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	60.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	63.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	66.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	68.0	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	69.7	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	72.2	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	72.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	74.9	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	77.5	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	81.0	86.7	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	83.1	89.2	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	84.3	91.4	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	84.8	92.5	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	85.5	93.7	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	86.7	94.9	95.9	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
≥ 1000	87.1	96.2	97.2	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 900	87.2	96.6	97.5	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 800	87.2	97.0	98.2	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 700	87.2	97.0	98.2	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 600	87.2	97.1	98.3	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	87.2	97.7	98.4	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	87.2	97.7	98.4	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	87.2	97.7	98.4	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	87.2	97.7	98.4	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	87.2	97.7	98.4	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	87.2	97.7	98.4	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UTC

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	55.7	56.2	56.3	56.3	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	62.8	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 18000	63.1	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 16000	63.3	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	64.1	64.1
IV 14000	64.0	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 12000	65.8	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 10000	68.6	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 9000	69.9	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 8000	71.7	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 7000	73.1	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 6000	74.3	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 5000	77.2	78.9	79.0	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 4500	78.5	80.2	80.3	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4000	83.1	85.2	85.5	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3500	84.9	87.2	87.5	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 3000	86.8	89.1	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	88.1	90.5	91.0	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000	89.6	92.4	92.9	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	90.1	92.9	93.4	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	91.1	94.3	94.9	95.3	95.4	95.4	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1200	91.5	95.2	95.8	96.3	96.6	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	92.2	96.3	97.2	97.7	98.0	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	92.2	96.6	97.4	98.0	98.3	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	92.2	96.6	97.4	98.0	98.3	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	92.2	96.9	97.7	98.3	98.6	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	92.2	97.0	97.8	98.4	98.7	98.7	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	92.2	97.0	97.8	98.4	98.8	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	92.2	97.0	97.8	98.4	98.9	98.9	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	92.2	97.0	97.8	98.4	98.9	98.9	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	92.2	97.0	97.8	98.4	98.9	98.9	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.2	97.0	97.8	98.4	98.9	98.9	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.2	97.0	97.8	98.4	98.9	98.9	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	59.8	60.1	60.4	60.4	60.4	60.4	60.4	60.5	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9
≥ 20000	66.6	67.0	67.3	67.3	67.3	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 18000	67.1	67.6	68.0	68.0	68.0	68.0	68.0	68.1	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 16000	67.8	68.4	68.7	68.7	68.7	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
≥ 14000	68.7	69.4	69.7	69.7	69.7	69.7	69.7	69.8	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1
≥ 12000	70.5	71.3	71.6	71.6	71.6	71.6	71.6	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 10000	72.0	72.9	73.2	73.2	73.2	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7
≥ 9000	72.7	73.7	74.0	74.0	74.0	74.0	74.0	74.1	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 8000	75.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3
≥ 7000	76.6	77.5	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥ 6000	78.3	79.7	80.0	80.0	80.0	80.0	80.0	80.1	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 5000	80.8	82.5	82.8	82.8	82.8	82.8	82.8	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 4500	81.6	83.4	83.8	83.8	83.8	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 4000	84.1	86.1	86.7	86.7	86.7	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 3500	85.2	87.3	87.8	87.8	87.8	87.8	87.8	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 3000	86.2	88.9	89.5	89.5	89.5	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 2500	87.6	90.8	91.3	91.4	91.6	91.6	91.6	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 2000	89.0	91.6	92.2	92.3	92.3	92.3	92.3	92.3	92.6	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 1800	88.6	92.3	92.8	93.0	93.2	93.2	93.2	93.3	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1500	89.7	93.8	94.3	94.5	95.1	95.1	95.1	95.3	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1200	90.0	94.3	94.9	95.3	96.0	96.0	96.0	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0
≥ 1000	90.2	94.6	95.4	95.7	96.5	96.5	96.6	97.0	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 900	90.4	95.1	95.9	96.3	97.1	97.1	97.2	97.6	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 800	90.4	95.2	96.3	96.9	97.6	97.6	97.6	98.0	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	90.4	95.4	96.6	97.1	97.8	97.8	98.2	98.7	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	90.4	95.4	96.7	97.2	98.0	98.0	98.3	98.9	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	90.4	95.4	96.7	97.2	98.1	98.1	98.4	99.0	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	90.4	95.4	96.7	97.2	98.1	98.2	98.5	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	90.4	95.4	96.7	97.2	98.1	98.2	98.6	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.4	95.4	96.7	97.2	98.1	98.2	98.6	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.4	95.4	96.7	97.2	98.1	98.2	98.6	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.4	95.4	96.7	97.2	98.1	98.2	98.6	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	62.0	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.5	63.8
≥ 20000	67.4	68.6	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.4
≥ 18000	67.8	69.0	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.8
≥ 16000	68.3	69.5	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.2
≥ 14000	69.8	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.7
≥ 12000	71.4	72.8	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.5
≥ 10000	73.1	74.8	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.7
9000	73.8	75.6	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.6
8000	76.3	78.3	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.4
7000	76.8	78.7	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.8
6000	78.8	81.0	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	82.0
5000	81.2	83.7	84.3	84.3	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	85.1
4500	81.8	84.3	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.8
4000	84.1	87.1	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.8
3500	84.6	87.6	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.4
3000	85.9	89.1	90.1	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8	91.0
2500	87.0	90.5	91.6	91.8	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.5
2000	87.5	91.4	92.5	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.5
1800	87.8	91.7	92.8	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8	93.8	93.8	94.0
1500	88.4	92.5	93.5	94.2	94.2	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.9
1200	88.7	93.1	94.2	95.1	95.2	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.8	95.8	95.8	96.0
1000	88.7	93.3	94.4	95.4	95.8	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.9
900	89.0	93.9	94.9	95.9	96.5	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.6
800	89.2	94.2	95.3	96.2	96.8	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.8	97.8	97.8	98.1
700	89.4	94.3	95.4	96.5	97.0	97.1	97.5	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.4
600	89.5	94.6	96.0	97.1	97.6	97.7	98.2	98.6	98.7	98.7	98.7	98.7	98.9	98.9	98.9	99.1
500	89.5	94.6	96.0	97.2	97.7	97.8	98.4	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.4
400	89.5	94.6	96.0	97.2	97.7	97.8	98.4	98.8	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.6
300	89.5	94.6	96.0	97.3	97.8	98.0	98.5	98.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8
200	89.5	94.6	96.0	97.3	97.8	98.0	98.5	98.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8
100	89.5	94.6	96.0	97.3	97.8	98.0	98.5	98.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6	100.0
0	89.5	94.6	96.0	97.3	97.8	98.0	98.5	98.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (24)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	53.7	56.3	56.7	56.9	57.1	57.1	57.2	57.2	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.6
≥ 20000	59.1	62.1	62.6	62.8	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.5	63.5	63.6
≥ 18000	59.4	62.4	62.9	63.2	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.9
≥ 16000	59.7	62.7	63.2	63.5	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.2
≥ 14000	60.8	63.9	64.4	64.7	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.5
≥ 12000	62.4	65.7	66.2	66.5	66.8	66.8	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.3
≥ 10000	65.0	68.5	69.1	69.4	69.7	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
≥ 9000	65.8	69.3	70.0	70.3	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.1
≥ 8000	68.5	72.2	72.9	73.3	73.6	73.6	73.7	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.1
≥ 7000	69.7	73.6	74.4	74.7	75.1	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.6
≥ 6000	71.1	75.4	76.1	76.6	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.5
≥ 5000	73.5	78.3	79.2	79.7	80.1	80.1	80.2	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.7
≥ 4500	74.2	79.7	80.1	80.6	81.0	81.0	81.1	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.6
≥ 4000	76.8	82.2	83.2	83.8	84.2	84.2	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.9
≥ 3500	77.8	83.4	84.4	85.0	85.5	85.5	85.6	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.2
≥ 3000	79.4	85.4	86.4	87.1	87.7	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.4
≥ 2500	80.7	86.9	88.1	88.8	89.4	89.4	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1
≥ 2000	81.6	87.3	89.6	90.3	91.0	91.0	91.2	91.3	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.8
≥ 1800	82.1	89.0	90.3	91.0	91.7	91.7	92.0	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.6
≥ 1500	82.9	90.2	91.6	92.4	93.2	93.2	94.5	94.5	94.8	95.0	95.2	95.3	95.3	95.4	95.4	95.6
≥ 1200	83.5	91.2	92.7	93.6	94.4	94.4	94.5	94.8	95.0	95.2	95.3	95.3	95.3	95.4	95.5	95.6
≥ 1000	83.8	92.1	93.6	94.7	95.5	95.5	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.8
≥ 900	84.1	92.5	94.1	95.2	96.1	96.2	96.6	96.8	97.0	97.1	97.1	97.1	97.2	97.3	97.3	97.4
≥ 800	84.2	92.8	94.6	95.7	96.6	96.6	97.2	97.4	97.6	97.7	97.8	97.8	97.9	97.9	97.9	98.0
≥ 700	84.3	93.0	94.7	95.9	96.9	97.1	97.5	97.7	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.3
≥ 600	84.3	93.1	94.9	96.2	97.2	97.4	97.8	98.0	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.7
≥ 500	84.3	93.2	95.1	96.4	97.5	97.7	98.3	98.5	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.2
≥ 400	84.3	93.3	95.1	96.5	97.6	98.0	98.5	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥ 300	84.3	93.3	95.1	96.5	97.7	98.0	98.6	99.0	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8
≥ 200	84.3	93.3	95.1	96.5	97.7	98.0	98.6	99.0	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9
≥ 100	84.3	93.3	95.1	96.5	97.7	98.0	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	100.0
≥ 0	84.3	93.3	95.1	96.5	97.7	98.0	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	
NO CEILING	73.6	76.1	76.3	76.4	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	78.6	81.2	81.4	81.6	82.1	82.2	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
IV 18000	78.9	81.6	81.8	81.9	82.4	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
IV 16000	79.2	81.9	82.1	82.2	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 14000	79.7	82.4	82.7	82.8	83.3	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 12000	80.9	83.9	84.1	84.2	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 10000	84.1	87.3	87.6	87.7	88.2	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 9000	84.4	87.7	87.9	88.0	88.6	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 8000	85.3	88.7	88.9	89.0	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 7000	85.4	89.1	89.2	89.4	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 6000	86.2	89.6	89.8	89.9	90.4	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 5000	87.9	91.3	91.6	91.7	92.2	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4500	87.9	91.4	91.7	91.8	92.3	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4000	88.8	93.0	93.2	93.3	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3500	89.0	93.7	93.8	93.9	94.1	94.2	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3000	89.3	93.6	93.8	94.0	94.6	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2500	89.7	94.1	94.4	94.7	95.2	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2000	90.2	95.0	95.4	95.7	96.3	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	90.4	95.2	95.7	95.9	96.6	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	91.0	95.9	96.2	96.6	97.2	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	91.1	96.2	96.8	97.0	97.7	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	92.0	97.2	97.4	98.0	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	92.0	97.2	97.8	98.0	98.9	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	92.0	97.2	97.8	98.0	98.9	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	92.0	97.2	97.8	98.0	98.9	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	92.1	97.3	97.9	98.1	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	92.1	97.3	97.9	98.1	99.0	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	92.1	97.3	97.9	98.1	99.0	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	92.1	97.3	97.9	98.1	99.0	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	92.1	97.3	97.9	98.1	99.0	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.1	97.3	97.9	98.1	99.0	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV U	92.1	97.3	97.9	98.1	99.0	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	64.7	67.8	68.4	68.7	69.7	69.7	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6
≥ 20000	71.1	74.3	75.0	75.2	76.2	76.2	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 18000	71.3	74.7	75.3	75.6	76.6	76.6	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 16000	71.8	75.1	75.8	76.0	77.0	77.0	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 14000	72.7	76.1	76.8	77.0	78.0	78.0	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 12000	74.8	78.3	79.0	79.2	80.2	80.3	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 10000	78.2	82.0	82.8	83.0	84.0	84.1	84.6	84.7	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 9000	79.0	82.8	83.0	83.9	84.9	85.0	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 8000	80.0	83.8	84.6	84.9	86.0	86.1	86.6	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 7000	80.9	84.8	85.7	86.0	87.2	87.3	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 6000	81.8	85.7	86.6	86.9	88.1	88.2	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 5000	81.0	87.1	88.1	88.4	89.8	89.9	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 4500	83.0	87.1	88.1	88.4	89.8	89.9	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 4000	84.2	88.4	89.4	89.8	91.1	91.2	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 3500	84.8	89.1	90.1	90.4	91.8	91.9	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 3000	86.6	91.0	92.0	92.6	94.1	94.2	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 2500	86.7	91.1	92.1	92.7	94.2	94.3	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 2000	87.2	91.8	92.8	93.3	94.9	95.0	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1800	87.2	91.8	92.8	93.3	94.9	95.0	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1500	87.7	92.3	93.3	93.9	95.4	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1200	87.9	93.1	94.2	94.8	96.4	96.6	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1000	88.7	93.9	95.1	95.9	97.6	97.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 900	88.7	93.9	95.1	95.9	97.6	97.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 800	88.7	93.9	95.1	95.9	97.8	97.9	98.4	98.6	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	88.7	94.0	95.3	96.1	98.1	98.2	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	88.7	94.0	95.3	96.1	98.1	98.2	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	88.7	94.1	95.4	96.3	98.3	98.4	99.0	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	88.7	94.2	95.6	96.4	98.4	98.6	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	88.7	94.2	95.6	96.4	98.4	98.6	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	88.7	94.2	95.6	96.4	98.4	98.6	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	88.7	94.2	95.6	96.4	98.4	98.6	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	88.7	94.2	95.6	96.4	98.4	98.6	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	57.3	61.9	62.9	63.2	63.8	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	64.0	69.4	70.4	70.8	71.3	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	64.7	70.1	71.1	71.4	72.0	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 16000	64.7	70.1	71.1	71.4	72.0	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 14000	65.8	71.3	72.3	72.7	73.2	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 12000	68.9	74.6	75.6	75.9	76.4	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3
≥ 10000	73.2	79.0	80.0	80.3	81.0	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
≥ 9000	74.4	80.3	81.3	81.7	82.3	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 8000	76.3	82.7	83.2	83.7	84.3	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
≥ 7000	78.3	84.2	85.2	85.7	86.3	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 6000	78.8	84.7	85.7	86.1	86.8	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
≥ 5000	80.2	86.1	87.1	87.6	88.2	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 4500	80.3	86.7	87.2	87.7	88.3	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
≥ 4000	81.6	87.6	88.6	89.0	89.7	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6
≥ 3500	82.9	89.0	90.0	90.4	91.1	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 3000	84.0	90.2	91.2	91.7	92.3	92.7	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7
≥ 2500	84.3	90.7	91.8	92.3	93.0	93.3	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
≥ 2000	84.6	91.4	92.6	93.2	93.9	94.2	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 1800	84.9	91.9	93.0	93.8	94.6	94.9	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 1500	85.4	92.7	93.8	94.6	95.3	95.7	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 1200	85.8	93.0	94.2	95.0	95.8	96.1	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 1000	86.1	93.6	94.9	95.7	96.8	97.1	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 900	86.2	93.7	95.0	95.8	96.9	97.2	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 800	86.4	94.1	95.7	96.4	97.6	97.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 700	86.4	94.1	95.7	96.7	97.8	98.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 600	86.4	94.1	95.7	96.8	97.9	98.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 500	86.4	94.1	95.7	96.9	98.0	98.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	86.4	94.1	95.7	96.9	98.0	98.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	86.4	94.1	95.7	96.9	98.0	98.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	86.4	94.1	95.7	96.9	98.0	98.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	86.4	94.1	95.7	96.9	98.0	98.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	86.4	94.1	95.7	96.9	98.0	98.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS UTC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING ≥ 20000	61.9	64.3	64.6	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 18000 ≥ 16000	67.7	70.8	71.1	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 14000 ≥ 12000	68.0	71.1	71.4	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000 ≥ 9000	69.7	72.9	73.2	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 8000 ≥ 7000	76.4	80.0	80.3	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 6000 ≥ 5000	77.3	80.9	81.2	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4500 ≥ 4000	80.0	83.6	83.9	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500 ≥ 3000	82.0	85.6	85.9	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2500 ≥ 2000	83.2	86.8	87.1	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1800 ≥ 1500	84.7	88.6	88.9	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200 ≥ 1000	84.8	88.8	89.1	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 900 ≥ 800	86.2	90.3	90.7	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 700 ≥ 600	87.4	91.6	91.9	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 500 ≥ 400	88.7	93.0	93.4	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 300 ≥ 200	89.4	93.9	94.3	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 100 U	90.2	94.8	95.2	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	90.6	95.1	95.7	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	91.0	95.6	96.1	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	91.1	96.0	96.9	97.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	91.2	96.4	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	91.2	96.4	97.3	97.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	91.2	96.4	97.3	97.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	91.2	96.6	97.4	98.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	91.2	96.6	97.4	98.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	91.3	96.7	97.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91.3	96.7	97.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91.3	96.7	97.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91.3	96.7	97.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	≥0
NO CEILING	65.3	66.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	72.8	74.0	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	74.8
IV 18000	74.1	75.3	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 16000	74.2	75.6	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 14000	74.9	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 12000	77.7	78.9	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	81.2	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 9000	81.6	82.9	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 8000	83.2	84.9	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 7000	84.2	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 6000	84.4	86.1	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 5000	87.1	89.0	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	88.4	90.3	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 4000	90.9	92.8	93.7	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3500	91.7	93.6	94.4	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 3000	93.2	95.1	96.0	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 2500	94.2	96.2	97.1	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2000	94.4	96.6	97.4	97.8	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	94.6	96.7	97.6	97.9	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	94.7	96.9	97.8	98.1	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	94.9	97.1	98.0	98.4	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.9	97.1	98.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

(9-78)
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.15	≥.1	≥0
NO CEILING	68.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	77.8	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 18000	78.2	79.4	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
IV 15000	78.7	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	78.9	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 12000	80.9	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 10000	83.7	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	84.0	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 8000	85.7	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 7000	86.4	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 6000	87.2	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 5000	89.2	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	89.7	91.2	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4000	92.0	93.9	94.6	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
IV 3500	93.1	95.0	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3000	94.8	97.0	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2500	95.6	97.8	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	95.6	97.8	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	95.6	97.8	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	95.7	97.9	98.7	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.9	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS TT ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	72.6	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	80.4	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 18000	80.8	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 16000	81.6	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 14000	82.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 12000	83.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 10000	85.8	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	87.3	87.3
IV 9000	86.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 8000	87.7	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 7000	88.7	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 6000	88.8	90.1	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 5000	89.9	91.3	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4500	90.8	92.2	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4000	92.8	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3500	93.4	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	94.4	96.7	97.0	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2500	94.7	96.9	97.2	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2000	95.1	97.3	97.7	97.9	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	95.1	97.4	97.8	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	95.2	97.8	98.1	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	95.3	98.2	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	95.3	98.2	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	95.3	98.2	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	95.3	98.2	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	95.3	98.2	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	95.3	98.2	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	95.3	98.2	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	95.3	98.2	98.7	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.3	98.2	98.7	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.3	98.2	98.7	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.3	98.2	98.7	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.3	98.2	98.7	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING FEET.	VISIBILITY STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.5	≥5 16	≥.4	≥0
NO CEILING	75.4	76.7	76.8	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	80.8	82.3	82.4	82.4	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 18000	81.1	82.7	82.8	82.8	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 16000	81.6	83.1	83.2	83.2	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 14000	82.1	83.7	83.8	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 12000	84.3	85.9	86.1	86.1	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 10000	86.7	88.2	88.4	88.4	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 9000	87.0	88.6	88.9	88.9	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 8000	87.8	89.3	89.8	89.8	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 7000	87.9	89.6	90.0	90.0	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 6000	88.1	89.8	90.2	90.2	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 5000	89.6	91.4	92.0	92.1	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4500	90.2	92.1	92.7	92.8	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 4000	91.2	93.4	94.0	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3500	91.2	93.7	94.2	94.3	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 3000	92.1	94.6	95.1	95.3	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2500	92.7	95.1	95.7	95.9	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 2000	93.6	96.1	96.7	96.9	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1800	93.6	96.1	96.7	96.9	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	93.8	96.6	97.2	97.4	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	93.8	96.8	97.6	97.8	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	93.9	97.0	97.8	98.1	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	93.9	97.0	97.8	98.1	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.9	97.2	98.0	98.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE 69-78 YEARS JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS EST

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.6	≥.5	≥0
NO CEILING	67.4	69.5	69.9	70.1	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	74.1	76.5	77.0	77.1	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IN 18000	74.6	77.0	77.5	77.7	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IN 16000	75.0	77.4	77.9	78.0	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IN 14000	75.8	78.3	78.7	78.9	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
IN 12000	77.9	80.5	81.0	81.2	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
IN 10000	81.2	83.9	84.4	84.6	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
IN 9000	81.7	84.5	85.0	85.2	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
IN 8000	83.3	86.1	86.6	86.8	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IN 7000	84.2	87.1	87.6	87.8	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IN 6000	84.8	87.7	88.2	88.4	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
IN 5000	86.4	89.5	90.1	90.3	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
IN 4500	86.9	89.9	90.5	90.7	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IN 4000	88.5	91.7	92.3	92.6	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN 3500	89.2	92.6	93.2	93.5	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IN 3000	90.4	93.9	94.5	94.9	95.5	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IN 2500	90.9	94.5	95.2	95.5	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IN 2000	91.4	95.1	95.8	96.2	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
IN 1800	91.5	95.3	96.0	96.4	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IN 1500	91.8	95.7	96.4	96.8	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IN 1200	92.0	96.1	96.9	97.3	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 1000	92.3	96.4	97.3	97.8	98.8	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 900	92.3	96.5	97.3	97.8	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IN 800	92.3	96.5	97.4	97.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 700	92.3	96.6	97.5	98.0	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 600	92.3	96.6	97.5	98.0	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 500	92.3	96.6	97.5	98.1	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 400	92.3	96.6	97.5	98.1	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IN 300	92.3	96.6	97.5	98.1	99.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	92.3	96.6	97.5	98.1	99.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	92.3	96.6	97.5	98.1	99.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	92.3	96.6	97.5	98.1	99.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
TIME OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.9	73.1	73.0	74.6	75.0	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 20000	75.8	78.0	78.9	79.7	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 18000	76.1	78.4	79.2	80.1	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 16000	76.1	78.4	79.2	80.1	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 14000	77.8	80.1	81.1	81.9	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 12000	79.2	81.7	82.7	83.5	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 10000	82.0	84.8	86.0	86.9	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 9000	82.3	85.1	86.3	87.2	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 8000	83.6	87.1	88.3	89.1	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 7000	83.6	87.1	88.4	89.2	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 6000	84.5	88.2	89.6	90.4	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 5000	85.5	89.3	90.7	91.6	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 4500	85.8	89.8	91.2	92.0	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 4000	87.2	91.5	92.9	93.8	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3500	87.6	91.9	93.3	94.2	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 3000	88.3	92.8	94.2	95.0	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2500	88.3	92.8	94.2	95.0	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	88.5	93.5	95.2	96.1	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	88.5	93.5	95.3	96.3	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	88.6	93.6	95.4	96.8	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	88.6	93.9	95.6	97.0	97.5	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	88.8	94.1	95.8	97.2	97.7	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	88.8	94.1	96.1	97.5	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	88.8	94.2	96.3	97.7	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	88.8	94.3	96.4	97.8	98.4	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	88.8	94.3	96.4	98.0	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	88.8	94.3	96.4	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	88.8	94.4	96.6	98.2	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	88.8	94.4	96.6	98.2	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	88.8	94.4	96.6	98.2	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	88.8	94.4	96.6	98.2	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	88.8	94.4	96.6	98.2	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

III
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (ZST)

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	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	63.8	66.3	67.5	67.8	68.4	68.6	68.7	69.0	69.0	69.2	69.4	69.4	69.6	69.6	69.6	69.6
≥ 20000	68.7	71.6	72.8	73.1	73.8	74.0	74.2	74.5	74.5	74.7	74.8	74.8	75.1	75.1	75.1	75.1
IV 18000	68.7	71.6	72.8	73.1	73.8	74.0	74.2	74.5	74.5	74.7	74.8	74.8	75.1	75.1	75.1	75.1
IV 16000	68.7	71.6	72.8	73.1	73.8	74.0	74.2	74.5	74.5	74.7	74.8	74.8	75.1	75.1	75.1	75.1
IV 14000	69.4	72.4	73.8	74.2	74.8	75.1	75.3	75.6	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.1
IV 12000	71.5	74.8	76.2	76.8	77.5	77.7	78.0	78.3	78.3	78.5	78.6	78.6	78.8	78.8	78.8	78.8
IV 10000	75.3	79.1	80.5	81.3	82.2	82.4	82.6	82.9	82.9	83.1	83.2	83.2	83.4	83.4	83.4	83.4
IV 9000	75.7	79.6	81.0	81.9	82.8	83.0	83.2	83.5	83.5	83.8	83.9	83.9	84.1	84.1	84.1	84.1
IV 8000	77.0	81.1	82.6	83.7	84.5	84.7	84.9	85.3	85.3	85.5	85.6	85.6	85.8	85.8	85.8	85.8
IV 7000	77.5	81.6	83.2	84.3	85.2	85.4	85.6	85.9	85.9	86.1	86.2	86.2	86.5	86.5	86.5	86.5
IV 6000	79.0	83.9	85.5	86.7	87.5	87.7	88.0	88.3	88.3	88.5	88.6	88.6	88.8	88.8	88.8	88.8
IV 5000	80.9	86.7	88.6	90.0	90.9	91.1	91.3	91.6	91.6	91.8	91.9	91.9	92.2	92.2	92.2	92.2
IV 4500	81.2	87.0	88.9	90.3	91.2	91.4	91.6	91.9	91.9	92.2	92.3	92.3	92.5	92.5	92.5	92.5
IV 4000	82.0	88.5	91.1	92.5	93.4	93.7	93.9	94.2	94.2	94.4	94.5	94.5	94.7	94.7	94.7	94.7
IV 3500	82.4	89.1	91.7	93.1	94.1	94.3	94.5	94.8	94.8	95.1	95.2	95.2	95.4	95.4	95.4	95.4
IV 3000	83.2	90.1	92.7	94.2	95.1	95.3	95.7	96.0	96.0	96.2	96.3	96.3	96.6	96.6	96.6	96.6
IV 2500	83.2	90.1	92.8	94.4	95.5	95.7	95.9	96.2	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8
IV 2000	83.2	90.1	92.8	94.4	95.5	95.7	95.9	96.2	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8
IV 1800	83.3	90.5	93.2	94.8	95.9	96.1	96.3	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2
IV 1500	83.3	90.6	93.3	94.9	96.2	96.5	96.7	97.0	97.0	97.2	97.3	97.3	97.5	97.5	97.5	97.5
IV 1200	83.3	90.6	93.3	94.9	96.2	96.5	96.7	97.1	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.6
IV 1000	83.4	90.9	93.5	95.2	96.5	96.7	96.9	97.3	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8
IV 900	83.4	90.9	93.5	95.2	96.5	96.7	96.9	97.3	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8
IV 800	83.4	91.1	93.8	95.4	96.7	96.9	97.1	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1
IV 700	83.5	91.3	94.1	95.7	97.0	97.2	97.5	98.1	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6
IV 600	83.5	91.4	94.2	95.8	97.1	97.3	97.6	98.2	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.7
IV 500	83.5	91.4	94.4	96.2	97.5	97.8	98.2	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2
IV 400	83.5	91.4	94.4	96.2	97.5	97.8	98.3	98.8	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.4
IV 300	83.5	91.4	94.4	96.2	97.5	97.8	98.3	99.0	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8
IV 200	83.5	91.4	94.4	96.2	97.5	97.8	98.3	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9
IV 100	83.5	91.4	94.4	96.2	97.5	97.8	98.3	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9
U	83.5	91.4	94.4	96.2	97.5	97.8	98.3	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE 69-78 JUL 0600-0800
STATION STATION NAME YEARS MONTH HOURS (L T)

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	55.1	58.9	60.1	60.4	61.8	61.8	62.0	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	61.0	65.3	66.6	66.9	68.3	68.3	68.5	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	61.3	65.7	67.0	67.3	68.7	68.7	68.9	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	61.5	65.9	67.2	67.5	68.9	68.9	69.1	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	62.5	67.1	68.4	68.7	70.2	70.2	70.4	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	65.3	70.3	71.7	72.0	73.8	73.8	74.0	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	70.9	75.9	77.5	77.8	79.8	79.8	80.0	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	71.7	76.8	78.3	78.8	80.8	80.8	81.0	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	74.1	79.6	81.4	81.8	83.8	83.8	84.0	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	75.3	80.9	82.7	83.1	85.2	85.2	85.4	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	76.2	82.3	84.2	84.6	86.7	86.7	87.0	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	78.1	84.6	86.6	87.3	89.6	89.6	89.9	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	78.4	85.1	87.0	87.7	90.0	90.0	90.3	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	79.1	86.2	88.3	89.0	91.5	91.5	91.8	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	79.4	86.6	88.6	89.4	91.8	91.8	92.2	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	80.3	87.5	89.7	90.4	93.1	93.1	93.5	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	80.5	88.3	90.4	91.3	94.0	94.0	94.4	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	81.0	88.8	91.0	91.8	94.6	94.6	95.1	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	81.0	88.9	91.1	91.9	94.7	94.7	95.2	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	81.4	89.7	91.8	92.7	95.5	95.5	95.9	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	81.7	90.2	92.4	93.2	96.0	96.0	96.5	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	81.9	90.9	93.0	93.9	96.7	96.7	97.1	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	81.9	90.9	93.1	94.1	97.0	97.0	97.4	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	82.0	91.1	93.3	94.4	97.3	97.3	97.7	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	82.0	91.1	93.4	94.5	97.5	97.5	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	82.0	91.1	93.5	94.7	97.8	97.8	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	82.0	91.1	93.5	94.7	97.8	97.8	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	82.0	91.2	93.7	94.8	98.0	98.0	98.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	82.0	91.2	93.7	94.8	98.0	98.0	98.7	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	82.0	91.2	93.7	94.8	98.0	98.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.0	91.2	93.7	94.8	98.0	98.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.0	91.2	93.7	94.8	98.0	98.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14940
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	61.4	63.1	63.5	63.5	63.8	63.8	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	69.0	71.3	71.7	71.7	72.1	72.1	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	69.5	71.9	72.3	72.3	72.8	72.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	69.9	72.2	72.7	72.7	73.1	73.1	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	71.2	73.7	74.2	74.2	74.6	74.6	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	74.6	77.4	77.8	77.8	78.3	78.3	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	78.1	81.3	81.9	82.0	82.5	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	78.4	81.8	82.5	82.7	83.1	83.1	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	80.5	84.6	85.3	85.5	85.9	85.9	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	81.9	86.1	86.8	87.0	87.4	87.4	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	82.8	87.1	87.7	87.9	88.4	88.4	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	84.2	88.6	89.2	89.5	89.9	89.9	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	84.4	88.9	89.6	89.8	90.2	90.2	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	85.3	90.0	90.6	90.9	91.3	91.3	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	86.1	91.1	91.7	91.9	92.4	92.4	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	87.1	92.6	93.3	93.5	94.0	94.0	94.5	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	87.4	92.9	93.6	93.9	94.3	94.3	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	87.8	93.3	94.1	94.3	94.8	94.8	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	87.9	93.5	94.3	94.5	95.2	95.2	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	88.4	94.4	95.3	95.5	96.1	96.1	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	88.9	95.0	95.9	96.2	97.1	97.2	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	89.1	95.4	96.3	96.7	97.5	97.6	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	89.1	95.5	96.4	96.8	97.6	97.7	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	89.2	95.7	96.7	97.1	98.0	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	89.2	95.7	96.8	97.2	98.1	98.3	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	89.2	96.0	97.1	97.5	98.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	89.2	96.0	97.1	97.5	98.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	89.2	96.0	97.1	97.5	98.4	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.2	96.0	97.1	97.5	98.4	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.2	96.0	97.1	97.5	98.4	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.2	96.0	97.1	97.5	98.4	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.2	96.0	97.1	97.5	98.4	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFH NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UT

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1	≥0
NO CEILING	60.5	61.9	62.3	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	70.5	72.0	72.4	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	70.9	72.7	73.0	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	71.3	73.4	73.8	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	73.1	75.4	75.7	75.9	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	76.3	79.0	79.4	79.6	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
≥ 10000	81.5	84.6	84.9	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	81.9	85.1	85.4	85.6	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
≥ 8000	85.3	88.4	88.8	89.0	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	86.0	89.1	89.6	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	86.7	89.8	90.2	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	87.4	90.5	91.2	91.4	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
≥ 4500	88.0	91.1	91.7	91.9	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	89.8	93.2	93.9	94.1	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	90.6	94.1	94.7	94.9	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	91.6	95.3	95.9	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	92.2	95.8	96.5	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	93.0	96.8	97.4	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	93.2	97.0	97.6	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	93.3	97.5	98.2	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	93.5	97.8	98.5	98.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	93.9	98.2	98.8	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	93.9	98.2	98.8	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	93.9	98.2	98.8	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.0	98.3	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DPFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	66.3	66.9	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	73.3	74.0	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	73.9	74.5	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	74.2	74.8	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	76.2	77.1	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	80.1	81.2	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	83.9	85.5	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	84.9	86.6	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	88.0	89.7	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	88.5	90.2	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	89.1	91.0	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	91.2	93.2	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	91.7	93.9	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	92.9	95.3	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	93.1	95.6	96.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	93.7	96.2	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	94.1	96.9	97.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	94.7	97.5	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	94.8	97.6	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	94.8	98.2	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	98.6	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	69.7	71.5	71.8	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IN 18000	75.5	77.3	77.6	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IN 16000	76.2	78.1	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IN 14000	76.5	78.3	78.6	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
IN 12000	77.6	79.6	79.9	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IN 10000	81.8	83.8	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IN 9000	85.4	87.7	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IN 8000	86.0	88.4	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IN 7000	87.3	90.0	90.3	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
IN 6000	88.2	90.9	91.2	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IN 5000	88.9	91.7	92.0	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IN 4500	91.1	94.4	94.8	94.8	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IN 4000	91.8	95.7	95.6	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IN 3500	92.6	96.1	96.6	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IN 3000	93.0	96.6	97.0	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IN 2500	93.4	97.2	97.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IN 2000	93.9	97.7	98.2	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 1800	94.1	98.0	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IN 1500	94.2	98.1	98.5	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1200	94.5	98.6	99.0	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 1000	94.6	98.8	99.2	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 900	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 800	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 700	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 600	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 500	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 400	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 300	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	94.6	98.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING ≥ 20000	70.6	77.8	73.5	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	76.8	79.0	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	77.0	79.2	80.0	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	78.0	80.7	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 12000	80.9	83.4	84.3	84.3	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
≥ 10000	84.3	87.4	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	84.5	87.6	88.5	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	85.9	89.1	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	86.1	89.4	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	87.0	90.2	91.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	88.4	92.3	93.1	93.3	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
≥ 4500	89.1	93.1	94.0	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	90.3	94.7	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500	90.6	95.2	96.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	91.1	95.7	96.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	91.1	96.0	97.0	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	91.4	96.3	97.3	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	91.4	96.3	97.3	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	91.6	96.8	98.0	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	91.7	97.0	98.2	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	91.8	97.2	98.5	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	91.8	97.2	98.5	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	91.9	97.3	98.6	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.9	97.3	98.6	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	91.9	97.3	98.6	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	91.9	97.3	98.6	98.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	91.9	97.3	98.7	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.9	97.3	98.7	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.9	97.3	98.7	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.9	97.3	98.7	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
U	91.9	97.3	98.7	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	64.8	66.8	67.5	67.7	68.2	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
≥ 20000	71.3	73.6	74.3	74.5	75.0	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	71.7	74.0	74.7	74.9	75.4	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	71.9	74.2	75.0	75.2	75.7	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 14000	73.2	75.7	76.5	76.7	77.2	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	76.2	79.0	79.8	80.0	80.5	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 10000	80.2	83.3	84.2	84.5	85.0	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 9000	80.7	83.9	84.8	85.1	85.7	85.8	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	82.7	86.2	87.1	87.5	88.1	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	83.4	86.9	87.9	88.2	88.8	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	84.3	88.0	89.0	89.4	90.0	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	85.8	90.0	91.0	91.5	92.1	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	86.3	90.5	91.6	92.0	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 4000	87.4	91.9	93.1	93.6	94.3	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 3500	87.9	92.5	93.7	94.2	94.9	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 3000	88.6	93.4	94.6	95.1	95.9	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	88.8	93.8	95.0	95.5	96.3	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	89.2	94.3	95.6	96.1	96.9	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	89.3	94.4	95.7	96.3	97.1	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	89.5	94.9	96.2	96.8	97.7	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	89.7	95.3	96.6	97.2	98.0	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	89.9	95.5	96.9	97.4	98.3	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	89.9	95.5	96.9	97.5	98.4	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	89.9	95.6	97.0	97.7	98.6	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	89.9	95.7	97.1	97.8	98.7	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	89.9	95.7	97.2	97.9	98.8	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	89.9	95.7	97.2	97.9	98.9	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	89.9	95.8	97.3	98.0	99.0	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	89.9	95.8	97.3	98.0	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	89.9	95.8	97.3	98.0	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.9	95.8	97.3	98.0	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	89.9	95.8	97.3	98.0	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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CEILING VERSUS VISIBILITY

14949
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AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO. CEILING	62.6	68.5	69.6	71.4	72.3	77.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.7
≥ 20000	66.0	72.5	73.8	75.6	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.9
≥ 18000	66.0	72.5	73.8	75.6	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.9
≥ 16000	66.0	72.5	73.8	75.6	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.9
≥ 14000	67.6	74.2	75.5	77.3	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.5	78.6
≥ 12000	69.4	76.0	77.3	79.1	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.4
≥ 10000	73.0	79.7	81.1	82.9	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.2
≥ 9000	74.0	80.8	82.3	84.1	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.4
≥ 8000	73.3	82.5	84.1	85.9	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.2
≥ 7000	76.3	83.7	85.3	87.1	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.4
≥ 6000	77.2	84.5	86.1	88.1	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.5	89.6
≥ 5000	7d.6	86.2	88.3	90.4	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.0	92.2
≥ 4500	78.9	86.6	88.6	90.8	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.4	92.5
≥ 4000	80.0	87.7	89.8	92.0	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	94.0
≥ 3500	80.1	88.0	90.1	92.4	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.5
≥ 3000	80.6	88.5	90.8	93.0	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.1	95.2
≥ 2500	80.6	88.8	91.1	93.3	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.5
≥ 2000	81.0	89.1	91.5	93.8	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.8	95.9
≥ 1800	81.0	89.1	91.6	93.9	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	96.0
≥ 1500	81.0	89.1	91.6	93.9	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	96.0
≥ 1200	81.1	89.4	91.8	94.1	95.4	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.3
≥ 1000	81.2	89.6	92.0	94.6	96.1	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.0	97.1
≥ 900	81.2	89.8	92.5	95.2	96.7	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.6	97.7
≥ 800	81.3	90.0	92.8	95.6	97.1	97.3	97.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.2	98.3
≥ 700	81.4	90.2	93.1	96.0	97.5	97.8	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.9
≥ 600	81.4	90.3	93.3	96.6	98.3	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8
≥ 500	81.4	90.3	93.3	96.6	98.3	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 400	81.4	90.3	93.3	96.6	98.3	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 300	81.4	90.3	93.3	96.6	98.3	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 200	81.4	90.3	93.3	96.6	98.3	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	81.4	90.3	93.3	96.6	98.3	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	81.4	90.3	93.3	96.6	98.3	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS UT

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING	55.3	67.5	64.2	65.2	66.2	66.3	66.7	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.5
≥ 20000	59.5	66.8	68.5	69.5	70.6	70.8	71.2	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	72.0
IV 18000	59.7	67.0	68.7	69.7	70.9	71.0	71.4	71.6	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.3
IV 16000	60.2	67.5	69.2	70.5	71.7	71.9	72.4	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.2
IV 14000	60.9	68.2	69.9	71.2	72.5	72.7	73.1	73.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	74.0
IV 12000	62.0	70.0	71.9	73.3	74.6	74.8	75.3	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	76.1
IV 10000	66.1	74.9	76.9	78.3	79.6	79.8	80.2	80.4	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	81.1
IV 9000	66.8	75.6	77.6	79.0	80.3	80.5	81.0	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.8
IV 8000	68.0	77.7	79.2	80.6	81.9	82.2	82.7	82.9	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.5
IV 7000	68.8	78.2	80.2	81.6	82.9	83.1	83.7	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.5
IV 6000	70.0	79.8	81.8	83.3	84.6	84.8	85.4	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.2
IV 5000	71.9	82.0	84.2	85.9	87.2	87.4	88.0	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.8
IV 4500	72.4	82.6	84.7	86.5	87.7	88.3	88.8	89.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.7
IV 4000	73.2	83.9	86.0	87.8	89.2	89.8	90.4	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.3
IV 3500	73.8	84.6	86.8	88.6	90.0	90.5	91.2	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	92.0
IV 3000	74.6	85.6	87.7	89.6	91.1	91.6	92.3	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.1
IV 2500	74.9	85.9	88.2	90.0	91.5	92.0	92.7	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.5
IV 2000	75.2	86.2	88.5	90.4	91.9	92.5	93.1	93.3	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	94.0
IV 1800	75.2	86.2	88.5	90.5	92.2	92.7	93.3	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.2
IV 1600	75.6	86.8	89.0	91.2	93.0	93.5	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	95.1
IV 1400	75.7	86.9	89.1	91.4	93.2	93.8	94.4	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.3
IV 1200	75.8	87.1	89.6	92.0	94.1	94.6	95.2	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.1
IV 1000	75.8	87.2	89.8	92.7	94.7	95.3	95.9	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.8
IV 900	76.1	87.6	90.2	93.1	95.2	95.7	96.3	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.2
IV 800	76.1	87.8	90.4	93.4	95.7	96.5	97.2	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.3
IV 700	76.1	88.2	90.9	93.9	96.3	97.3	98.1	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.2
IV 600	76.1	88.2	90.9	93.9	96.5	97.4	98.2	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.5
IV 500	76.1	88.3	91.0	94.0	96.7	97.6	98.4	98.9	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8
IV 400	76.1	88.3	91.0	94.0	96.7	97.7	98.5	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9
IV 300	76.1	88.3	91.0	94.1	96.8	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 200	76.1	88.3	91.0	94.1	96.8	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 100	76.1	88.3	91.0	94.1	96.8	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 0	76.1	88.3	91.0	94.1	96.8	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.7	52.9	55.2	56.5	57.1	57.2	58.1	58.9	59.0	59.2	59.4	59.5	59.6	59.6	59.7	60.3
≥ 20000	50.9	59.6	62.3	63.8	64.7	64.8	65.8	66.7	66.8	67.1	67.3	67.4	67.5	67.5	67.6	68.3
IV 18000	50.8	59.9	62.6	64.1	65.1	65.2	66.1	67.0	67.1	67.4	67.6	67.7	67.8	67.8	68.0	68.6
IV 16000	51.0	60.1	62.8	64.3	65.3	65.4	66.3	67.2	67.3	67.6	67.8	68.0	68.1	68.1	68.2	68.8
IV 14000	52.4	61.8	64.5	66.0	67.0	67.1	68.2	69.0	69.1	69.3	69.7	69.8	69.9	69.9	70.0	70.6
IV 12000	53.7	63.4	66.2	67.8	68.9	69.1	70.3	71.2	71.3	71.6	71.8	71.9	72.0	72.0	72.2	72.8
IV 10000	58.4	68.8	71.7	73.4	74.6	74.8	76.1	77.1	77.2	77.5	77.7	77.8	78.0	78.0	78.1	78.7
IV 9000	58.7	69.4	72.3	74.0	75.2	75.4	76.7	77.7	77.8	78.2	78.4	78.5	78.6	78.6	78.7	79.4
IV 8000	60.6	71.8	74.7	76.5	77.7	78.0	79.4	80.4	80.8	81.1	81.3	81.4	81.5	81.5	81.6	82.3
IV 7000	61.2	72.7	75.6	77.3	78.6	78.9	80.4	81.5	81.8	82.2	82.4	82.5	82.6	82.6	82.7	83.3
IV 6000	62.4	73.7	76.6	78.3	79.7	80.0	81.5	82.6	82.9	83.2	83.4	83.5	83.7	83.7	83.8	84.4
IV 5000	63.8	75.3	78.2	80.2	81.6	82.0	83.5	84.6	84.9	85.3	85.5	85.6	85.7	85.7	85.8	86.5
IV 4500	64.0	75.6	78.6	80.5	81.9	82.4	83.9	85.2	85.5	85.8	86.0	86.1	86.2	86.2	86.3	87.0
IV 4000	64.7	76.6	79.6	81.5	82.9	83.3	84.8	86.2	86.6	86.9	87.1	87.2	87.3	87.3	87.4	88.1
IV 3500	65.4	77.4	80.4	82.6	84.1	84.5	86.0	87.4	87.7	88.1	88.3	88.4	88.5	88.5	88.6	89.2
IV 3000	65.9	78.0	81.0	83.1	84.6	85.1	86.6	88.0	88.3	88.6	88.8	88.9	89.0	89.0	89.1	89.8
IV 2500	66.0	78.2	81.5	83.7	85.2	85.6	87.1	88.5	88.8	89.1	89.4	89.5	89.6	89.6	89.7	90.3
IV 2000	66.3	78.6	81.9	84.3	85.8	86.3	88.0	89.4	89.7	90.0	90.2	90.3	90.4	90.4	90.5	91.2
IV 1800	66.3	78.6	81.9	84.4	85.9	86.5	88.1	89.5	89.8	90.1	90.3	90.4	90.5	90.5	90.6	91.3
IV 1500	66.7	79.1	82.5	85.1	86.7	87.2	88.8	90.2	90.5	90.9	91.1	91.2	91.3	91.3	91.4	92.0
IV 1200	67.3	80.2	83.8	86.3	88.0	88.5	90.1	91.6	92.0	92.3	92.7	92.8	92.9	92.9	93.0	93.7
IV 1000	67.7	81.1	84.6	87.3	89.0	89.6	91.4	92.9	93.3	93.8	94.0	94.1	94.2	94.2	94.3	94.9
IV 900	68.1	81.5	85.1	87.7	89.8	90.3	92.2	93.7	94.1	94.5	94.7	94.8	94.9	94.9	95.1	95.7
IV 800	68.2	81.9	85.5	88.3	90.5	91.1	92.9	94.4	94.8	95.3	95.5	95.6	95.7	95.7	95.8	96.5
IV 700	68.5	82.5	86.1	89.4	91.8	92.4	94.2	95.9	96.3	96.8	97.0	97.1	97.2	97.2	97.3	98.0
IV 600	68.5	82.5	86.2	89.5	91.9	92.5	94.4	96.6	97.0	97.5	97.8	98.0	98.1	98.1	98.2	98.8
IV 500	68.5	82.6	86.3	89.7	92.4	92.9	94.9	97.3	97.7	98.3	98.4	98.7	98.8	98.8	98.9	99.6
IV 400	68.5	82.6	86.3	89.7	92.4	92.9	94.9	97.4	97.8	98.4	98.7	98.8	99.0	99.0	99.1	99.8
IV 300	68.5	82.6	86.3	89.7	92.4	92.9	94.9	97.4	97.8	98.4	98.7	98.8	99.0	99.0	99.1	99.8
IV 200	68.5	82.6	86.3	89.7	92.4	92.9	94.9	97.4	97.8	98.4	98.7	98.8	99.0	99.0	99.1	99.8
IV 100	68.5	82.6	86.3	89.7	92.4	92.9	94.9	97.4	97.8	98.4	98.7	98.8	99.0	99.0	99.1	99.8
IV 0	68.5	82.6	86.3	89.7	92.4	92.9	94.9	97.4	97.8	98.4	98.7	98.8	99.0	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.1	≥.16	≥.1	≥0
NO CEILING	53.7	60.8	61.0	62.2	62.5	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 20000	61.1	68.5	68.7	69.9	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 18000	61.9	69.4	69.6	70.8	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 16000	63.4	71.2	71.4	72.6	73.1	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 14000	64.1	71.8	72.0	73.2	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 12000	65.8	73.8	74.1	75.4	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 10000	68.8	77.7	78.2	79.5	80.1	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 9000	69.0	78.1	78.5	79.8	80.4	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 8000	71.2	80.6	81.1	82.6	83.3	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 7000	71.9	81.4	81.8	83.3	84.1	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 6000	72.4	81.8	82.3	84.0	84.7	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 5000	73.4	83.0	83.4	85.4	86.1	86.2	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	73.5	83.1	83.5	85.5	86.2	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4000	74.3	84.2	84.6	86.7	87.4	87.5	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500	75.2	85.2	85.6	87.6	88.4	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	75.8	86.1	86.7	88.9	89.7	89.8	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2500	76.5	87.2	87.8	90.1	90.9	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	77.0	87.8	88.5	90.8	91.5	91.6	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800	77.4	88.3	89.0	91.3	92.0	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1500	77.8	88.9	89.7	92.3	93.1	93.2	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1200	78.8	90.6	91.8	94.6	95.6	95.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	79.5	91.9	93.3	96.3	97.4	97.5	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	79.5	91.9	93.3	96.3	97.4	97.5	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	79.5	91.9	93.3	96.3	97.4	97.5	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	79.5	92.0	93.4	96.8	97.8	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	79.8	92.4	93.8	97.1	98.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	79.8	92.4	93.8	97.1	98.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	79.8	92.4	93.8	97.1	98.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	79.8	92.4	93.8	97.1	98.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	79.8	92.4	93.8	97.1	98.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	79.8	92.4	93.8	97.1	98.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	79.8	92.4	93.8	97.1	98.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	60.8	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	67.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 18000	68.4	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 16000	69.0	74.0	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 14000	70.0	75.1	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 12000	71.8	77.2	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 10000	74.8	81.1	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 9000	75.3	81.7	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 8000	77.4	84.4	84.8	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 7000	78.3	85.4	85.8	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
IV 6000	78.6	85.8	86.2	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 5000	78.7	86.1	86.6	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500	78.7	86.2	86.7	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	79.8	87.6	88.3	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3500	81.0	89.2	89.9	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	82.2	91.8	92.5	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	84.2	93.1	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	85.1	94.3	95.2	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	85.4	94.6	95.5	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	85.9	95.3	96.3	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	86.2	95.9	97.1	97.8	98.6	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	86.6	96.2	97.4	98.2	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	86.6	96.2	97.4	98.2	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	86.7	96.5	97.6	98.4	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	86.9	96.7	97.8	98.6	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	86.9	96.7	97.8	98.6	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	86.9	96.7	97.8	98.6	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	86.9	96.7	97.8	98.6	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	86.9	96.7	97.8	98.6	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	86.9	96.7	97.8	98.6	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	86.9	96.7	97.8	98.6	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	86.9	96.7	97.8	98.6	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	63.5	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	72.2	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 18000	72.3	75.4	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	75.7
IV 16000	72.6	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 14000	73.3	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 12000	75.4	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 10000	77.7	82.3	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 9000	78.3	82.8	82.8	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
IV 8000	80.0	84.7	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 7000	80.8	85.5	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	81.6	86.5	86.6	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 5000	83.2	88.5	88.8	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	83.5	88.8	89.1	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
IV 4000	85.4	91.5	91.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	86.5	92.9	93.2	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	88.6	95.3	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2500	89.9	96.6	96.9	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2000	90.2	96.9	97.3	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	90.2	96.9	97.6	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
IV 1500	90.2	96.9	97.6	98.3	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	90.3	97.0	97.7	98.4	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	90.3	97.2	98.0	98.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	90.3	97.4	98.2	98.8	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.3	97.6	98.4	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE 69-78 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	66.2	70.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	72.8	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	73.2	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	73.4	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 14000	74.1	78.6	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
IV 12000	75.4	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 10000	78.5	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 9000	79.5	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 8000	81.6	86.6	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 7000	82.8	88.0	88.6	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	83.8	89.1	89.8	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 5000	85.3	91.0	91.8	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4500	85.9	91.7	92.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000	86.6	92.4	93.2	93.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3500	87.1	93.1	94.0	94.2	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3000	88.9	95.3	96.2	96.5	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2500	89.0	95.4	96.3	96.6	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	89.4	95.8	96.9	97.1	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	89.4	95.8	97.1	97.3	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	89.4	95.9	97.2	97.5	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	89.4	95.9	97.2	97.5	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	89.6	96.2	97.6	98.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	89.6	96.3	97.7	98.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	89.6	96.3	97.7	98.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	89.6	96.3	97.7	98.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	89.6	96.3	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	89.6	96.3	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	89.6	96.3	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	89.6	96.3	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	89.6	96.3	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	89.6	96.3	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	89.6	96.3	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	67.4	72.7	73.9	74.9	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	72.0	77.4	78.6	79.7	79.8	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	72.3	77.6	78.8	79.9	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	72.8	78.2	79.4	80.4	80.6	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	74.0	79.4	80.5	81.6	81.8	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	75.4	80.8	82.0	83.1	83.3	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	78.8	84.4	85.7	86.8	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	79.4	84.9	86.2	87.3	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	80.6	86.5	87.7	88.8	89.0	89.0	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	81.8	87.7	89.0	90.1	90.3	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	82.7	88.6	90.0	91.1	91.3	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	84.3	90.2	91.8	92.9	93.3	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	84.3	90.4	92.0	93.1	93.7	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	84.6	90.9	92.6	93.8	94.4	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	84.8	91.3	93.0	94.2	94.8	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	85.5	92.5	94.2	95.4	96.0	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	85.7	92.9	94.6	95.9	96.6	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	85.8	93.0	94.7	96.0	96.7	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	85.8	93.0	94.7	96.0	96.7	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	85.8	93.1	94.8	96.2	96.9	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	85.9	93.3	95.1	96.6	97.2	97.3	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	86.1	93.8	95.5	97.0	97.7	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	86.1	94.1	95.8	97.3	98.1	98.2	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	86.1	94.2	96.0	97.5	98.3	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	86.1	94.3	96.1	98.1	98.8	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	86.1	94.3	96.1	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	86.1	94.3	96.1	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	86.1	94.3	96.1	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.1	94.3	96.1	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.1	94.3	96.1	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.1	94.3	96.1	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	86.1	94.3	96.1	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-7B

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	59.3	65.0	65.9	66.8	67.2	67.2	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.8
≥ 20000	65.2	71.3	72.3	73.1	73.6	73.6	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.3
≥ 18000	65.6	71.6	72.6	73.5	73.9	74.0	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.7
≥ 16000	66.1	72.2	73.2	74.1	74.6	74.6	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.4
≥ 14000	67.0	73.2	74.2	75.2	75.7	75.7	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5
≥ 12000	68.6	75.0	76.1	77.0	77.6	77.6	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.4
IV 10000	72.0	79.0	80.2	81.1	81.7	81.8	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.6
IV 9000	72.6	79.7	80.9	81.8	82.4	82.5	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.3
IV 8000	74.3	81.8	83.0	84.0	84.6	84.7	85.1	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
IV 7000	75.3	82.8	84.0	85.0	85.7	85.8	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.7
IV 6000	76.1	83.7	84.9	86.0	86.7	86.8	87.2	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.8
IV 5000	77.4	85.3	86.7	87.9	88.6	88.7	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.7
IV 4500	77.7	85.6	87.0	88.2	89.0	89.1	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.2
IV 4000	78.6	86.8	88.2	89.5	90.3	90.5	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.6
IV 3500	79.2	87.7	89.1	90.5	91.3	91.5	91.9	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5
IV 3000	80.4	89.1	90.6	92.0	92.8	93.0	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.1
IV 2500	80.9	89.8	91.3	92.7	93.5	93.7	94.2	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8
IV 2000	81.2	90.2	91.8	93.3	94.2	94.4	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.5
IV 1800	81.3	90.3	92.0	93.5	94.4	94.6	95.1	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.7
IV 1500	81.5	90.6	92.4	93.9	94.9	95.3	95.8	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.4
IV 1200	81.8	91.2	93.0	94.6	95.6	96.0	96.5	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.2
IV 1000	82.1	91.6	93.5	95.3	96.4	96.7	97.3	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	98.1
IV 900	82.1	91.8	93.7	95.5	96.7	97.0	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.4
IV 800	82.2	92.0	94.0	95.8	97.0	97.3	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.7
IV 700	82.3	92.2	94.1	96.2	97.5	97.8	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.3
IV 600	82.3	92.3	94.3	96.4	97.7	98.1	98.8	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.7
IV 500	82.3	92.3	94.3	96.4	97.8	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.9
IV 400	82.3	92.3	94.3	96.4	97.8	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
IV 300	82.3	92.3	94.3	96.4	97.8	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
IV 200	82.3	92.3	94.3	96.4	97.8	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
IV 100	82.3	92.3	94.3	96.4	97.8	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
IV 0	82.3	92.3	94.3	96.4	97.8	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UT

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	59.8	64.2	65.0	66.1	67.1	67.2	67.9	67.9	67.9	68.0	68.0	68.0	68.2	68.2	68.3	68.7
≥ 20000	61.7	66.2	67.0	68.1	69.1	69.2	69.9	69.9	69.9	70.0	70.0	70.0	70.2	70.2	70.3	70.7
IV 18000	61.8	66.3	67.1	68.2	69.2	69.3	70.0	70.0	70.0	70.1	70.1	70.1	70.3	70.3	70.4	70.8
IV 16000	62.1	66.7	67.4	68.5	69.6	69.7	70.3	70.3	70.3	70.4	70.4	70.4	70.7	70.7	70.8	71.1
IV 14000	63.8	68.4	69.2	70.3	71.3	71.4	72.1	72.1	72.1	72.2	72.2	72.7	72.4	72.4	72.6	72.9
IV 12000	65.1	69.8	70.6	71.7	72.7	72.8	73.4	73.4	73.4	73.6	73.6	73.6	73.8	73.8	73.8	74.2
IV 10000	67.3	72.7	73.0	74.1	75.1	75.2	75.9	75.9	75.9	76.0	76.0	76.0	76.2	76.2	76.3	76.7
IV 9000	68.1	73.0	73.8	74.9	75.9	76.0	76.7	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.1	77.4
IV 8000	69.9	74.8	75.7	76.8	77.9	78.0	78.7	78.7	78.7	78.8	78.8	78.8	79.0	79.0	79.1	79.4
IV 7000	70.6	75.4	76.3	77.4	78.6	78.7	79.3	79.3	79.3	79.4	79.4	79.4	79.7	79.7	79.8	80.1
IV 6000	72.2	77.3	78.2	79.3	80.4	80.6	81.2	81.2	81.2	81.3	81.3	81.3	81.6	81.6	81.7	82.0
IV 5000	74.0	79.7	80.6	81.7	82.8	82.9	83.6	83.6	83.6	83.7	83.7	83.7	83.9	83.9	84.0	84.3
IV 4500	74.3	80.2	81.2	82.4	83.6	83.7	84.3	84.3	84.3	84.4	84.4	84.4	84.7	84.7	84.8	85.1
IV 4000	74.8	81.0	82.0	83.2	84.3	84.4	85.1	85.1	85.1	85.2	85.2	85.2	85.4	85.4	85.6	85.9
IV 3500	75.7	81.9	82.9	84.1	85.2	85.3	86.0	86.0	86.0	86.1	86.1	86.1	86.3	86.3	86.4	86.8
IV 3000	76.9	83.4	84.4	85.9	87.1	87.2	87.9	87.9	87.9	88.0	88.0	88.0	88.2	88.2	88.3	88.7
IV 2500	78.2	85.3	86.3	87.8	89.1	89.2	89.9	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.3	90.7
IV 2000	78.8	86.0	87.1	88.6	89.9	90.0	90.7	90.7	90.7	90.8	90.8	90.8	91.0	91.0	91.1	91.4
IV 1800	78.9	86.1	87.2	88.7	90.0	90.1	90.8	90.8	90.8	90.9	90.9	90.9	91.1	91.1	91.2	91.6
IV 1500	79.4	86.8	88.0	89.4	90.8	90.9	91.7	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.1	92.4
IV 1200	79.9	87.3	88.8	90.3	91.7	91.8	92.6	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.1	93.4
IV 1000	80.2	88.0	89.4	91.2	92.8	92.9	93.7	94.0	94.0	94.1	94.1	94.1	94.3	94.3	94.4	94.8
IV 900	81.1	89.0	90.4	92.2	93.8	93.9	94.7	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.4	95.8
IV 800	81.2	89.3	91.0	92.8	94.4	94.6	95.3	95.8	95.8	95.9	95.9	95.9	96.1	96.1	96.2	96.6
IV 700	81.3	89.6	91.3	93.2	94.9	95.0	95.9	96.3	96.4	96.6	96.6	96.6	96.8	96.8	96.9	97.2
IV 500	81.4	89.7	91.6	93.6	95.2	95.3	96.2	96.7	97.0	97.2	97.2	97.2	97.4	97.4	97.6	97.9
IV 400	81.6	89.9	92.1	94.2	95.9	96.1	97.0	97.6	97.9	98.1	98.1	98.1	98.3	98.3	98.4	98.8
IV 300	81.6	89.9	92.1	94.2	96.0	96.2	97.1	97.7	98.0	98.2	98.2	98.3	98.6	98.6	98.7	99.0
IV 200	81.6	89.9	92.1	94.3	96.1	96.3	97.2	98.2	98.7	98.9	98.9	99.0	99.2	99.2	99.3	99.7
IV 100	81.6	89.9	92.1	94.3	96.1	96.3	97.3	98.3	98.8	99.0	99.1	99.2	99.4	99.4	99.6	99.9
IV 0	81.6	89.9	92.1	94.3	96.1	96.3	97.3	98.3	98.8	99.0	99.2	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 STATION OFFUTT AFB NE STATION NAME 69-76 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	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	57.3	61.0	61.7	62.7	64.0	64.8	65.2	65.6	65.7	65.8	65.9	65.9	65.9	66.0	66.1	66.4
≥ 20000	58.4	62.1	62.8	63.8	65.7	65.9	66.3	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.2	67.6
≥ 18000	58.4	62.1	62.8	63.8	65.7	65.9	66.3	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.2	67.6
≥ 16000	59.3	63.0	63.7	64.7	66.6	66.8	67.2	67.6	67.7	67.8	67.9	67.9	67.9	68.0	68.1	68.4
≥ 14000	60.4	64.1	64.8	65.8	67.7	67.9	68.3	68.7	68.8	68.9	69.0	69.0	69.0	69.1	69.2	69.6
≥ 12000	62.2	65.9	66.6	67.6	69.4	69.7	70.1	70.4	70.6	70.7	70.8	70.8	70.8	70.9	71.0	71.3
≥ 10000	65.0	69.1	70.1	71.1	73.0	73.2	73.7	74.0	74.1	74.2	74.3	74.3	74.3	74.4	74.6	74.9
≥ 9000	65.2	69.3	70.3	71.3	73.2	73.4	73.9	74.2	74.3	74.4	74.6	74.6	74.6	74.7	74.8	75.1
≥ 8000	67.1	71.3	72.3	73.3	75.2	75.4	75.9	76.2	76.3	76.4	76.6	76.6	76.6	76.7	76.8	77.1
≥ 7000	67.6	71.8	72.8	73.8	75.7	75.9	76.3	76.7	76.8	76.9	77.0	77.0	77.0	77.1	77.2	77.6
≥ 6000	68.8	73.0	74.0	75.0	76.9	77.1	77.6	77.9	78.0	78.1	78.2	78.2	78.2	78.3	78.4	78.8
≥ 5000	71.1	75.3	76.6	77.6	79.4	79.7	80.1	80.4	80.6	80.7	80.8	80.8	80.8	80.9	81.0	81.3
≥ 4500	71.3	75.7	76.9	77.9	79.8	80.0	80.4	80.8	80.9	81.0	81.1	81.1	81.1	81.2	81.3	81.7
≥ 4000	71.9	76.6	77.8	78.8	80.8	81.0	81.4	81.8	81.9	82.0	82.1	82.1	82.1	82.2	82.3	82.7
≥ 3500	72.3	77.0	78.2	79.2	81.2	81.4	81.9	82.2	82.3	82.4	82.6	82.6	82.6	82.7	82.8	83.1
≥ 3000	73.1	78.1	79.3	80.4	82.4	82.7	83.1	83.4	83.6	83.7	83.8	83.8	83.8	83.9	84.0	84.3
≥ 2500	74.1	79.2	80.7	81.9	83.9	84.1	84.6	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.4	85.8
≥ 2000	75.8	81.0	82.7	83.9	85.9	86.1	86.6	86.9	87.0	87.1	87.2	87.2	87.2	87.3	87.4	87.8
≥ 1800	75.8	81.1	82.8	84.0	86.0	86.2	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.4	87.6	87.9
≥ 1500	76.0	81.9	83.6	84.8	86.8	87.0	87.4	87.8	87.9	88.0	88.1	88.1	88.1	88.2	88.3	88.7
≥ 1200	76.6	82.9	84.9	86.3	88.4	88.7	89.1	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.1	90.4
≥ 1000	77.8	84.3	86.3	87.9	90.2	90.7	91.1	91.7	91.9	92.0	92.1	92.1	92.1	92.2	92.3	92.8
≥ 900	77.8	84.6	86.6	88.2	90.6	91.0	91.4	92.1	92.3	92.4	92.6	92.6	92.6	92.7	92.8	93.2
≥ 800	78.1	85.1	87.2	88.9	91.3	91.8	92.2	93.1	93.3	93.4	93.6	93.6	93.6	93.7	93.8	94.2
≥ 700	78.2	85.8	88.0	89.7	92.2	92.7	93.1	94.0	94.3	94.4	94.6	94.6	94.6	94.7	94.8	95.2
≥ 600	78.3	86.1	88.4	90.3	93.1	93.6	94.0	94.9	95.3	95.4	95.7	95.7	95.7	95.8	95.9	96.3
≥ 500	78.3	86.2	88.7	90.6	93.7	94.2	94.8	95.7	96.3	96.6	96.8	96.8	96.8	96.9	97.0	97.4
≥ 400	78.3	86.2	88.9	91.0	94.2	94.8	95.6	96.6	97.2	97.4	97.8	97.8	97.8	97.9	98.0	98.6
≥ 300	78.3	86.2	88.9	91.1	94.3	94.9	95.7	96.9	97.6	97.8	98.1	98.1	98.1	98.2	98.3	98.9
≥ 200	78.3	86.2	88.9	91.1	94.3	94.9	95.9	97.2	97.9	98.1	98.7	98.9	99.0	99.1	99.3	99.9
≥ 100	78.3	86.2	88.9	91.1	94.3	94.9	96.0	97.2	97.9	98.1	98.7	98.9	99.1	99.2	99.4	100.0
≥ 0	78.3	86.2	88.9	91.1	94.3	94.9	96.0	97.2	97.9	98.1	98.7	98.9	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.4	≥.3	≥.2	≥0
NO CEILING	48.3	52.6	53.9	55.2	56.7	57.2	58.0	58.3	59.0	59.3	59.4	59.4	59.6	59.6	59.8	60.1
≥ 20000	50.6	53.0	56.3	57.7	59.1	59.7	60.4	60.8	61.4	61.8	61.9	61.9	62.0	62.0	62.2	62.6
≥ 18000	51.1	55.6	56.9	58.2	59.7	60.2	61.0	61.3	62.0	62.3	62.4	62.4	62.6	62.6	62.8	63.1
≥ 16000	51.2	55.7	57.0	58.3	59.8	60.3	61.1	61.4	62.1	62.4	62.6	62.6	62.7	62.7	62.9	63.2
≥ 14000	52.1	56.6	57.9	59.2	60.7	61.2	62.0	62.3	63.0	63.3	63.4	63.4	63.6	63.6	63.8	64.1
≥ 12000	53.8	58.2	59.6	60.9	62.3	62.9	63.7	64.0	64.7	65.0	65.1	65.1	65.2	65.2	65.4	65.8
≥ 10000	55.7	60.8	62.2	63.7	65.1	65.7	66.4	66.8	67.4	67.8	67.9	67.9	68.0	68.0	68.2	68.6
≥ 9000	55.8	60.9	62.3	63.8	65.2	65.8	66.6	66.9	67.6	67.9	68.0	68.0	68.1	68.1	68.3	68.7
≥ 8000	58.2	63.3	64.8	66.2	67.7	68.2	69.0	69.3	70.0	70.3	70.4	70.4	70.6	70.6	70.8	71.1
≥ 7000	59.9	65.1	66.6	68.2	69.7	70.2	71.0	71.3	72.0	72.3	72.4	72.4	72.6	72.6	72.8	73.1
≥ 6000	61.0	66.3	67.8	69.4	70.9	71.4	72.2	72.6	73.2	73.6	73.7	73.7	73.8	73.8	74.0	74.3
≥ 5000	61.9	67.3	68.8	70.4	71.9	72.4	73.2	73.6	74.3	74.7	74.8	74.8	74.9	74.9	75.1	75.4
≥ 4500	62.3	67.8	69.2	70.9	72.3	72.9	73.7	74.0	74.8	75.1	75.2	75.2	75.3	75.3	75.6	75.9
≥ 4000	63.6	69.2	70.7	72.4	73.9	74.4	75.2	75.6	76.3	76.7	76.8	76.8	76.9	76.9	77.1	77.4
≥ 3500	64.6	70.2	71.7	73.4	74.9	75.4	76.2	76.7	77.4	77.8	77.9	77.9	78.0	78.0	78.2	78.6
≥ 3000	66.8	72.9	74.4	76.2	77.7	78.2	79.0	79.4	80.2	80.6	80.7	80.7	80.8	80.8	81.0	81.3
≥ 2500	68.4	74.7	76.4	78.2	79.9	80.4	81.2	81.7	82.4	82.8	82.9	82.9	83.0	83.0	83.2	83.6
≥ 2000	69.9	76.3	78.3	80.2	81.9	82.4	83.2	83.7	84.4	84.8	84.9	84.9	85.0	85.0	85.2	85.6
≥ 1800	70.1	76.7	78.7	80.6	82.2	82.8	83.6	84.0	84.8	85.1	85.2	85.2	85.3	85.3	85.6	85.9
≥ 1500	70.4	77.2	79.3	81.3	83.0	83.6	84.4	84.9	85.7	86.0	86.1	86.1	86.2	86.2	86.4	86.8
≥ 1200	71.0	78.3	80.6	82.6	84.3	85.0	85.9	86.3	87.1	87.4	87.6	87.6	87.7	87.7	87.9	88.2
≥ 1000	71.7	79.7	82.2	84.4	86.3	87.1	88.0	88.4	89.2	89.6	89.7	89.7	89.8	89.8	90.0	90.3
≥ 900	71.7	80.0	82.6	85.0	87.0	87.8	88.8	89.2	90.0	90.3	90.4	90.4	90.6	90.6	90.8	91.1
≥ 800	71.8	80.4	83.0	85.6	87.6	88.3	89.4	89.9	90.7	91.0	91.1	91.1	91.2	91.2	91.4	91.8
≥ 700	71.8	80.9	83.7	86.2	88.2	89.2	90.8	91.2	92.0	92.3	92.4	92.4	92.6	92.6	92.8	93.1
≥ 600	71.8	81.4	84.3	86.9	89.3	90.3	92.4	93.1	93.9	94.2	94.3	94.3	94.6	94.6	94.8	95.1
≥ 500	71.8	81.8	84.9	87.6	90.0	91.0	93.3	94.1	95.0	95.4	95.6	95.6	95.8	95.8	96.0	96.3
≥ 400	71.8	81.8	84.9	87.6	90.0	91.1	93.8	94.8	95.7	96.1	96.3	96.3	96.6	96.6	96.8	97.1
≥ 300	71.8	81.8	84.9	87.6	90.0	91.1	93.9	95.0	96.2	96.9	97.1	97.1	97.6	97.6	98.0	98.3
≥ 200	71.8	81.8	84.9	87.6	90.0	91.1	94.9	95.1	96.3	97.1	97.3	97.3	97.8	97.8	98.6	99.2
≥ 100	71.8	81.8	84.9	87.6	90.0	91.1	94.0	95.2	96.4	97.2	97.4	97.4	98.0	98.6	99.0	100.0
0	71.8	81.8	84.9	87.6	90.0	91.1	94.0	95.2	96.4	97.2	97.4	97.4	98.0	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
TIME PERIOD

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	53.4	59.1	58.4	59.0	59.2	59.2	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	57.0	61.8	62.1	62.7	62.9	62.9	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	57.0	61.8	62.1	62.7	62.9	62.9	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	57.1	61.9	62.2	62.8	63.0	63.0	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	58.1	63.0	63.3	63.9	64.1	64.1	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	60.3	65.2	65.6	66.1	66.3	66.3	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	63.2	68.3	68.8	69.3	69.6	69.6	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	63.6	68.7	69.1	69.7	69.9	69.9	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	67.1	72.4	72.9	73.4	73.7	73.7	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	68.0	73.4	73.9	74.4	74.7	74.7	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	69.3	74.8	75.2	76.0	76.2	76.2	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	70.6	76.1	76.6	77.3	77.6	77.6	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	70.6	76.1	76.6	77.3	77.6	77.6	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	71.2	76.9	77.3	78.1	78.3	78.3	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	72.1	78.1	78.6	79.4	79.7	79.7	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	73.8	80.0	80.8	81.9	82.3	82.3	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	74.3	80.7	81.4	82.6	83.0	83.0	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	76.1	82.9	83.7	84.8	85.4	85.4	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	76.4	83.2	84.0	85.1	85.8	85.8	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	77.7	84.9	85.9	87.0	87.9	87.9	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	78.8	86.8	87.9	89.1	90.1	90.1	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	79.7	88.2	90.0	91.2	92.4	92.4	92.6	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4
≥ 900	80.1	89.7	91.0	92.3	93.6	93.7	94.2	94.3	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6
≥ 800	80.2	89.6	91.3	92.7	93.9	94.1	94.7	94.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0
≥ 700	80.3	89.9	92.0	93.4	94.9	95.2	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	80.3	89.9	92.1	93.8	95.3	95.8	96.9	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	80.4	90.1	92.4	94.1	95.8	96.3	97.6	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4
≥ 400	80.4	90.7	92.6	94.3	96.0	94.7	97.9	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
≥ 300	80.4	90.2	92.6	94.3	96.0	96.7	97.9	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.6
≥ 200	80.4	90.2	92.6	94.3	96.0	96.7	97.9	98.8	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.9
≥ 100	80.4	90.2	92.6	94.3	96.0	96.7	97.9	98.8	99.2	99.3	99.6	99.7	99.7	99.7	99.8	100.0
≥ 0	80.4	90.2	92.6	94.3	96.0	96.7	97.9	98.8	99.2	99.3	99.6	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	56.1	57.2	57.2	57.2	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 18000 16000	61.2	62.9	62.9	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 14000 12000	63.6	65.4	65.4	65.4	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 10000 9000	69.7	71.9	72.1	72.2	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 8000 7000	73.0	75.3	75.6	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 6000 5000	75.7	78.3	78.7	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4500 4000	77.1	79.8	80.1	80.4	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500 3000	79.6	82.3	82.8	83.1	83.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 2500 2000	83.1	87.1	87.6	87.9	88.1	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1800 1500	85.4	90.2	90.8	91.1	91.4	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1200 1000	87.2	93.7	94.3	94.7	95.0	95.0	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 900 800	88.2	95.7	96.4	97.2	97.6	97.7	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700 600	88.3	96.2	97.0	97.8	98.2	98.3	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500 400	88.3	96.3	97.1	98.0	98.4	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300 200	88.3	96.3	97.1	98.0	98.4	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	88.3	96.3	97.1	98.0	98.4	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING ≥ 20000	62.2	63.6	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
18000 16000	66.1	67.4	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
14000 12000	67.9	69.2	69.3	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
10000 9000	74.4	76.0	76.1	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
8000 7000	78.0	79.9	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
6000 5000	80.3	82.2	82.6	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
4500 4000	82.2	84.3	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
3500 3000	84.6	86.7	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2500 2000	87.9	90.8	91.1	91.2	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
1800 1500	89.3	92.4	92.8	92.9	93.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1200 1000	90.4	94.6	95.1	95.2	96.1	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
900 800	91.7	95.9	96.6	96.7	97.7	97.9	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
700 600	91.8	96.4	97.2	97.6	98.6	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
500 400	91.8	96.4	97.3	97.8	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300 200	91.8	96.4	97.3	97.8	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100 0	91.8	96.4	97.3	97.8	98.8	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 STATION OFFUTT AFB NE STATION NAME 69-78 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	61.3	64.2	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	66.7	69.7	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	66.9	69.9	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 16000	67.0	70.0	70.3	70.3	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	68.7	71.7	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	70.9	74.1	74.4	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	73.9	77.2	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	74.9	78.2	78.6	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	76.9	80.2	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 7000	77.9	81.2	81.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	79.0	82.4	82.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	80.6	84.3	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	81.6	85.3	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	82.8	86.6	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	83.9	87.9	88.2	88.2	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	85.9	89.9	90.2	90.3	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	86.8	91.2	91.6	91.7	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	87.1	91.6	92.2	92.3	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	87.2	91.8	92.6	92.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	88.3	92.9	93.7	94.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	88.7	93.9	94.7	95.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	88.9	94.2	95.0	95.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	89.2	94.6	95.3	95.9	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	89.4	95.0	95.8	96.3	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	89.6	95.2	96.1	96.8	98.1	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	89.6	95.3	96.2	97.0	98.7	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	89.6	95.3	96.2	97.0	98.8	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	89.6	95.3	96.3	97.1	99.0	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.6	95.3	96.3	97.1	99.0	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.6	95.3	96.3	97.1	99.0	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.6	95.3	96.3	97.1	99.0	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	89.6	95.3	96.3	97.1	99.0	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS OF DAY

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥0
NO CEILING	63.3	67.8	68.6	69.2	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	65.8	70.4	71.2	71.9	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	66.1	70.8	71.6	72.2	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	66.4	71.1	71.9	72.6	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	67.0	71.7	72.4	73.1	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	68.2	72.9	73.7	74.3	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	70.0	75.0	75.8	76.4	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	70.8	75.9	76.7	77.3	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	73.3	78.4	79.2	80.0	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	74.4	79.6	80.3	81.1	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	75.6	81.0	81.8	82.6	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	76.8	83.0	83.9	84.8	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500	77.3	83.7	84.7	85.6	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	78.0	84.6	85.7	86.6	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	78.9	85.6	86.7	87.6	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	80.0	86.7	88.1	89.0	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	81.6	88.4	90.0	90.9	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	82.6	89.4	91.0	91.9	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	82.9	89.8	91.3	92.2	92.6	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	83.7	90.7	92.2	93.1	93.5	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	84.3	91.3	93.1	94.0	94.6	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	85.2	92.4	94.3	95.2	95.8	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	85.8	93.1	95.0	95.9	96.6	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	85.9	93.7	95.8	96.7	97.3	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	85.9	93.9	96.1	97.0	97.7	98.1	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	86.0	94.0	96.2	97.1	97.9	98.3	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	86.0	94.1	96.4	97.3	98.2	98.7	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	86.0	94.1	96.6	97.4	98.4	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.0	94.2	96.7	97.6	98.6	99.0	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.0	94.2	96.7	97.6	98.6	99.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.0	94.2	96.7	97.6	98.6	99.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.0	94.2	96.7	97.6	98.6	99.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-76
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	57.7	61.1	61.6	62.2	62.9	63.1	63.4	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 20000	60.8	64.4	64.9	65.5	66.2	66.4	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.2
≥ 18000	61.1	64.6	65.1	65.7	66.5	66.6	66.9	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.5
≥ 16000	61.4	64.9	65.5	66.1	66.8	67.0	67.3	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.7	67.8
IV 14000	62.7	66.3	66.8	67.4	68.1	68.3	68.6	68.7	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.1
IV 12000	64.6	68.2	68.8	69.4	70.1	70.3	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.1
IV 10000	67.4	71.3	72.0	72.6	73.3	73.5	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.3
IV 9000	68.0	71.9	72.6	73.2	74.0	74.1	74.4	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	75.0
IV 8000	70.4	74.5	75.1	75.8	76.6	76.7	77.0	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.6
IV 7000	71.4	75.4	76.1	76.8	77.6	77.7	78.0	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.6
IV 6000	72.7	76.9	77.6	78.3	79.1	79.3	79.6	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.1
IV 5000	74.2	78.6	79.3	80.1	80.8	81.0	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.8	81.9
IV 4500	74.0	79.1	79.9	80.6	81.4	81.6	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.5
IV 4000	75.5	80.2	81.0	81.7	82.5	82.7	83.0	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.6
IV 3500	76.4	81.2	82.0	82.8	83.6	83.8	84.1	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.7
IV 3000	78.2	83.2	84.1	85.0	85.8	86.0	86.4	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.9
IV 2500	79.3	84.7	85.6	86.5	87.4	87.6	88.0	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.6
IV 2000	80.6	86.2	87.3	88.1	89.1	89.3	89.7	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.3
IV 1800	80.8	86.4	87.5	88.4	89.4	89.6	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.6
IV 1500	81.6	87.6	88.8	89.7	90.7	90.9	91.4	91.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8	92.0
IV 1200	82.1	88.6	89.9	90.9	92.0	92.3	92.8	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.4
IV 1000	82.8	89.6	91.1	92.3	93.5	93.8	94.3	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.9	95.0
IV 900	83.2	90.3	91.7	92.9	94.2	94.5	95.0	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.8
IV 800	83.3	90.7	92.2	93.4	94.8	95.1	95.6	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.5
IV 700	83.4	91.0	92.7	94.0	95.3	95.7	96.4	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.3
IV 600	83.4	91.1	92.9	94.3	95.8	96.2	97.0	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.9	98.0
IV 500	83.5	91.3	93.2	94.6	96.2	96.6	97.5	97.9	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.7
IV 400	83.5	91.3	93.2	94.7	96.4	96.8	97.8	98.3	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.2
IV 300	83.5	91.3	93.2	94.7	96.4	96.9	97.8	98.5	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.5
IV 200	83.5	91.3	93.2	94.7	96.4	96.9	97.9	98.6	99.0	99.1	99.3	99.4	99.5	99.6	99.7	99.7
IV 100	83.5	91.3	93.2	94.7	96.4	96.9	97.9	98.6	99.0	99.2	99.3	99.4	99.5	99.6	99.8	100.0
IV 0	83.5	91.3	93.2	94.7	96.4	96.9	97.9	98.6	99.0	99.2	99.4	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-70
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0230
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ .5	≥ 1/2	≥ 0	≥ 0
NO CEILING	63.1	64.8	65.3	65.8	66.1	66.2	66.6	66.9	66.9	67.1	67.4	67.4	67.6	67.6	67.7	68.5
≥ 20000	65.5	67.3	67.7	68.3	68.6	68.7	69.0	69.4	69.4	69.6	69.9	69.9	70.1	70.1	70.2	71.0
≥ 18000	65.6	67.4	67.8	68.4	68.7	68.8	69.1	69.5	69.5	69.7	70.0	70.0	70.2	70.2	70.3	71.1
≥ 16000	65.8	67.6	68.1	68.6	68.9	69.0	69.4	69.7	69.7	69.9	70.2	70.2	70.4	70.4	70.5	71.3
≥ 14000	66.2	68.1	68.5	69.0	69.4	69.5	69.8	70.1	70.1	70.3	70.6	70.6	70.9	70.9	71.0	71.7
≥ 12000	67.5	69.4	69.8	70.3	70.6	70.8	71.1	71.4	71.4	71.6	71.9	71.9	72.2	72.2	72.3	73.0
≥ 10000	69.1	71.4	71.8	72.6	72.9	73.0	73.3	73.7	73.7	73.9	74.2	74.2	74.4	74.4	74.5	75.3
≥ 9000	69.5	71.7	72.2	72.9	73.2	73.3	73.7	74.0	74.0	74.2	74.5	74.5	74.7	74.7	74.8	75.6
≥ 8000	71.0	73.2	73.7	74.4	74.7	74.8	75.2	75.5	75.5	75.7	76.0	76.0	76.2	76.2	76.3	77.1
≥ 7000	72.5	74.8	75.3	76.0	76.3	76.5	76.8	77.1	77.1	77.3	77.6	77.6	77.8	77.8	78.0	78.7
≥ 6000	73.9	76.2	76.7	77.4	77.7	77.8	78.2	78.5	78.5	78.7	79.0	79.0	79.2	79.2	79.4	80.1
≥ 5000	75.5	77.8	78.3	79.0	79.4	79.5	79.8	80.1	80.1	80.3	80.6	80.6	80.9	80.9	81.0	81.7
≥ 4500	76.1	78.4	79.0	80.2	80.5	80.6	81.0	81.3	81.3	81.5	81.8	81.8	82.0	82.0	82.2	82.9
≥ 4000	77.1	79.4	80.4	81.2	81.5	81.6	81.9	82.3	82.3	82.7	83.0	83.0	83.2	83.2	83.3	84.1
≥ 3500	77.7	80.5	81.2	81.9	82.3	82.4	82.7	83.0	83.0	83.4	83.8	83.8	84.0	84.0	84.1	84.8
≥ 3000	78.5	81.5	82.2	82.9	83.1	83.4	83.9	84.2	84.2	84.6	84.9	84.9	85.2	85.2	85.3	86.0
≥ 2500	79.2	82.6	83.2	84.0	84.4	84.5	84.9	85.3	85.3	85.7	86.0	86.0	86.2	86.2	86.3	87.1
≥ 2000	79.9	83.2	84.0	84.7	85.2	85.3	85.7	86.0	86.0	86.5	86.8	86.8	87.0	87.0	87.1	87.8
≥ 1800	80.2	83.5	84.3	85.3	85.7	85.8	86.2	86.6	86.6	87.0	87.3	87.3	87.5	87.5	87.6	88.4
≥ 1500	80.4	83.8	84.6	85.6	86.1	86.2	86.8	87.1	87.1	87.5	87.8	87.8	88.1	88.1	88.2	88.9
≥ 1200	81.0	84.6	85.7	87.2	87.8	88.0	88.6	88.9	88.9	89.4	89.7	89.7	89.9	89.9	90.0	90.8
≥ 1000	81.4	85.6	87.0	88.7	89.5	89.6	90.2	90.5	90.5	91.0	91.3	91.3	91.5	91.5	91.6	92.4
≥ 900	81.4	86.0	87.5	89.4	90.4	90.5	91.2	91.5	91.5	91.9	92.3	92.3	92.5	92.5	92.6	93.3
≥ 800	81.4	86.7	88.5	90.3	91.5	91.6	92.3	92.6	92.6	93.0	93.3	93.3	93.5	93.5	93.7	94.4
≥ 700	81.4	86.9	88.7	90.5	91.8	91.9	92.6	93.0	93.0	93.4	93.8	93.8	94.0	94.0	94.1	94.8
≥ 600	81.4	87.1	89.1	91.2	92.6	92.7	93.4	93.9	93.9	94.4	94.7	94.7	94.9	94.9	95.1	95.8
≥ 500	81.4	87.2	89.4	91.4	93.0	93.3	94.1	95.1	95.3	95.9	96.2	96.2	96.5	96.5	96.6	97.3
≥ 400	81.4	87.3	89.5	91.7	93.5	93.9	94.7	96.0	96.5	97.3	97.6	97.6	97.8	97.8	98.0	98.7
≥ 300	81.4	87.3	89.5	91.7	93.5	93.9	94.7	96.1	96.7	97.5	98.0	98.0	98.2	98.2	98.3	99.0
≥ 200	81.4	87.3	89.5	91.7	93.5	93.9	94.7	96.1	96.7	97.7	98.2	98.2	98.4	98.4	98.5	99.4
≥ 100	81.4	87.3	89.5	91.7	93.5	93.9	94.8	96.5	97.0	98.1	98.5	98.5	98.8	98.8	98.9	99.8
≥ 0	81.4	87.3	89.5	91.7	93.5	93.9	94.8	96.5	97.0	98.1	98.5	98.5	98.8	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1	≥0
NO CEILING	60.0	62.6	63.1	64.0	64.1	64.3	64.7	65.1	65.2	65.2	65.4	65.4	65.9	66.0	66.1	67.1	
≥ 20000	61.3	63.9	64.7	65.6	65.7	65.9	66.3	66.7	66.8	66.8	67.0	67.0	67.5	67.6	67.7	68.7	
IV 18000	61.6	64.7	65.1	65.9	66.0	66.2	66.7	67.0	67.1	67.1	67.3	67.3	67.8	68.0	68.1	68.2	69.0
IV 16000	61.7	64.3	65.2	66.0	66.1	66.3	66.8	67.1	67.2	67.2	67.4	67.4	68.0	68.1	68.2	69.1	
IV 14000	61.8	64.4	65.3	66.1	66.2	66.5	66.9	67.2	67.3	67.3	67.5	67.5	68.1	68.2	68.3	69.2	
IV 12000	62.3	64.8	65.8	66.7	66.8	67.0	67.4	67.7	67.8	67.8	68.1	68.1	68.6	68.7	68.8	69.8	
IV 10000	63.5	66.7	67.2	68.3	68.4	68.6	69.0	69.4	69.5	69.5	69.7	69.7	70.2	70.3	70.4	71.4	
IV 9000	63.6	66.5	67.4	68.5	68.6	68.8	69.2	69.6	69.7	69.7	69.9	69.9	70.4	70.5	70.6	71.6	
IV 8000	65.2	68.7	69.1	70.2	70.3	70.5	71.0	71.3	71.4	71.4	71.6	71.6	72.2	72.3	72.4	73.3	
IV 7000	66.7	69.8	70.8	71.8	71.9	72.2	72.6	72.9	73.0	73.0	73.2	73.2	73.8	73.9	74.0	74.9	
IV 6000	68.0	71.4	72.4	73.4	73.5	73.9	74.3	74.6	74.7	74.7	74.9	74.9	75.5	75.6	75.7	76.7	
IV 5000	69.2	72.9	73.9	74.9	75.1	75.5	75.9	76.2	76.3	76.3	76.6	76.6	77.1	77.2	77.3	78.3	
IV 4500	69.8	73.9	75.1	76.1	76.2	76.7	77.1	77.4	77.5	77.7	77.7	77.7	78.3	78.4	78.5	79.5	
IV 4000	71.2	75.7	76.9	78.1	78.2	78.8	79.2	79.6	79.7	79.7	79.9	79.9	80.4	80.5	80.6	81.6	
IV 3500	71.9	76.5	77.7	79.0	79.1	79.8	80.2	80.5	80.6	80.6	80.9	80.9	81.4	81.5	81.6	82.6	
IV 3000	73.8	78.5	79.8	81.1	81.2	81.8	82.3	82.6	82.7	82.7	82.9	82.9	83.4	83.5	83.7	84.6	
IV 2500	74.4	79.4	80.8	82.2	82.3	82.9	83.3	83.7	83.8	83.8	84.0	84.0	84.5	84.6	84.7	85.7	
IV 2000	72.6	80.6	82.2	83.5	83.7	84.3	84.7	85.2	85.3	85.3	85.5	85.5	86.0	86.1	86.2	87.2	
IV 1800	76.1	81.2	82.7	84.1	84.2	84.8	85.4	85.8	85.9	85.9	86.1	86.1	86.7	86.8	86.9	87.8	
IV 1500	76.7	82.2	83.7	85.1	85.2	85.8	86.3	86.8	86.9	86.9	87.1	87.1	87.6	87.7	87.8	88.8	
IV 1200	77.2	82.8	84.3	85.8	85.9	86.6	87.1	87.5	87.6	87.6	87.8	87.8	88.4	88.5	88.6	89.6	
IV 1000	77.7	83.9	85.4	87.5	87.8	88.5	89.6	90.0	90.1	90.1	90.3	90.3	90.9	91.0	91.1	92.0	
IV 900	77.8	84.1	85.7	88.0	88.4	89.0	90.1	90.5	90.6	90.6	90.9	90.9	91.4	91.5	91.6	92.6	
IV 800	78.0	84.4	86.0	88.6	89.0	89.8	90.9	91.4	91.5	91.5	91.7	91.7	92.3	92.4	92.5	93.4	
IV 700	78.0	84.4	86.2	88.9	89.4	90.2	91.4	91.9	92.0	92.5	92.7	92.7	93.2	93.3	93.4	94.4	
IV 600	78.0	84.6	86.7	89.6	90.1	91.0	92.4	93.1	93.2	93.8	94.0	94.0	94.5	94.6	94.7	95.7	
IV 500	78.0	84.7	86.8	90.1	91.0	91.8	93.4	94.4	94.6	95.2	95.4	95.4	95.9	96.0	96.1	97.1	
IV 400	78.0	84.7	86.8	90.4	91.3	92.3	94.0	94.9	95.3	95.8	96.1	96.1	96.7	96.8	96.9	97.8	
IV 300	78.0	84.7	86.8	90.4	91.3	92.3	94.2	95.2	95.7	96.3	97.0	97.0	97.5	97.6	97.8	98.8	
IV 200	78.0	84.7	86.8	90.4	91.4	92.5	94.5	95.6	96.2	97.0	97.6	97.6	98.2	98.3	98.5	99.5	
IV 100	78.0	84.7	86.8	90.4	91.4	92.5	94.5	95.6	96.2	97.0	97.7	97.7	98.4	98.5	98.7	99.9	
IV U	78.0	84.7	86.8	90.4	91.4	92.5	94.5	95.6	96.2	97.0	97.7	97.7	98.4	98.5	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
GROUP TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3	
NO CEILING	52.7	55.2	55.4	55.7	56.5	56.9	57.4	57.5	57.7	57.7	57.7	57.7	58.1	58.1	58.3	59.4		
≥ 20000	56.2	58.8	59.4	59.7	60.4	60.9	61.4	61.5	61.7	61.8	61.8	61.8	62.2	62.2	62.4	63.7		
IV 18000	56.3	58.9	59.5	59.8	60.5	61.0	61.5	61.6	61.8	61.9	61.9	61.9	62.3	62.3	62.5	63.8		
IV 16000	56.6	59.1	59.7	60.0	60.8	61.2	61.7	61.8	62.0	62.2	62.2	62.2	62.5	62.5	62.7	64.0		
IV 14000	56.9	59.7	60.4	60.8	61.5	61.9	62.5	62.6	62.8	62.9	62.9	62.9	63.2	63.2	63.4	64.7		
IV 12000	58.4	61.3	62.2	62.5	63.2	63.7	64.2	64.3	64.5	64.6	64.6	64.6	64.9	64.9	65.2	66.6		
IV 10000	60.4	63.5	64.5	64.8	65.6	66.0	66.6	66.7	66.9	67.0	67.0	67.0	67.3	67.3	67.5	68.9		
IV 9000	60.4	62.5	64.5	64.8	65.6	66.0	66.6	66.7	66.9	67.0	67.0	67.0	67.3	67.3	67.5	68.9		
IV 8000	61.6	64.8	65.8	66.1	67.0	67.4	68.1	68.2	68.4	68.5	68.5	68.5	68.8	68.8	69.0	70.4		
IV 7000	62.5	65.8	66.8	67.1	68.0	68.4	69.2	69.5	69.7	69.8	69.8	69.8	70.1	70.1	70.3	71.7		
IV 6000	63.8	67.2	68.4	68.7	69.6	70.0	70.9	71.1	71.3	71.4	71.4	71.4	71.7	71.7	71.9	73.3		
IV 5000	64.8	68.5	69.7	70.0	70.9	71.4	72.3	72.5	72.7	72.8	72.8	72.8	73.1	73.1	73.3	74.7		
IV 4500	65.8	69.6	70.9	71.2	72.0	72.6	73.4	73.7	73.9	74.0	74.0	74.0	74.3	74.3	74.5	75.9		
IV 4000	66.3	70.2	71.6	72.0	72.9	73.4	74.3	74.5	74.7	74.9	74.9	74.9	75.3	75.3	75.5	76.9		
IV 3500	67.0	70.9	72.3	72.7	73.5	74.1	74.9	75.2	75.4	75.6	75.6	75.6	75.9	75.9	76.1	77.5		
IV 3000	68.9	73.0	74.5	75.2	76.0	76.7	77.6	77.8	78.1	78.3	78.3	78.3	78.6	78.6	78.8	80.2		
IV 2500	70.2	74.8	76.3	77.3	78.2	78.8	79.8	80.0	80.2	80.4	80.4	80.4	80.8	80.8	81.0	82.4		
IV 2000	71.2	75.9	77.4	78.4	79.2	79.9	81.0	81.2	81.4	81.6	81.6	81.6	81.9	81.9	82.3	83.7		
IV 1800	71.4	76.2	77.7	78.8	79.7	80.3	81.4	81.6	81.8	82.0	82.0	82.0	82.4	82.4	82.7	84.1		
IV 1500	73.1	78.2	79.9	81.0	82.0	82.7	83.8	84.0	84.2	84.4	84.4	84.4	84.7	84.7	85.1	86.5		
IV 1200	74.3	79.5	81.2	82.4	83.5	84.2	85.3	85.5	85.7	85.9	85.9	85.9	86.2	86.2	86.6	88.0		
IV 1000	74.6	80.8	82.7	84.2	85.7	86.7	88.0	88.2	88.4	88.6	88.6	88.6	88.9	88.9	89.2	90.6		
IV 900	74.9	81.5	83.5	85.3	86.9	88.0	89.2	89.5	89.7	89.9	89.9	89.9	90.2	90.2	90.5	91.9		
IV 800	75.2	82.5	84.6	86.6	88.2	89.2	90.5	91.0	91.2	91.4	91.4	91.4	91.7	91.7	92.0	93.8		
IV 700	75.3	82.8	84.9	87.1	88.9	90.0	91.3	91.7	91.9	92.2	92.5	92.5	92.8	92.8	93.1	94.5		
IV 600	75.6	83.2	85.4	87.6	89.7	91.2	92.7	93.1	93.3	93.5	93.9	93.9	94.4	94.4	94.7	96.1		
IV 500	75.7	83.3	85.6	87.8	89.9	91.4	93.0	93.8	94.0	94.2	94.5	94.5	95.1	95.1	95.4	96.8		
IV 400	75.7	83.3	85.6	87.8	90.0	91.5	93.3	94.3	94.5	94.7	95.2	95.2	95.7	95.7	96.0	97.4		
IV 300	75.7	83.3	85.6	87.8	90.0	91.5	93.3	94.3	94.6	95.2	95.8	95.8	96.7	96.7	97.0	98.4		
IV 200	75.7	83.3	85.6	87.8	90.0	91.5	93.4	94.4	94.7	95.4	96.0	96.0	96.9	97.0	97.4	99.2		
IV 100	75.7	83.3	85.6	87.8	90.0	91.5	93.4	94.4	94.7	95.4	96.1	96.1	97.0	97.1	97.6	99.9		
IV 0	75.7	83.3	85.6	87.8	90.0	91.5	93.4	94.4	94.7	95.4	96.1	96.1	97.1	97.2	97.7	100.0		

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS OF DAY

CEILING FEET	VISIBILITY STATUTE MILES.														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.7	≥ 2	≥ 1.7	≥ 1.4	≥ 1	≥ .7	≥ .5	≤ 5 16	≥ .	≥ 0
NO CEILING	52.3	54.8	55.3	55.3	55.4	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	56.0
≥ 20000	57.7	60.6	61.1	61.3	61.5	61.6	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.4
≥ 18000	58.0	61.0	61.4	61.6	61.8	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.7
≥ 16000	58.1	61.1	61.5	61.7	61.9	62.0	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.8
≥ 14000	58.8	62.2	62.6	62.8	63.0	63.1	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.9
≥ 12000	60.8	64.4	64.9	65.2	65.4	65.5	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.2
≥ 10000	62.9	66.7	67.2	67.4	67.6	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.5
≥ 9000	63.2	67.2	67.7	68.0	68.2	68.3	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	69.0
≥ 8000	65.3	69.4	70.0	70.2	70.4	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.3
≥ 7000	66.2	70.5	71.2	71.5	71.7	71.8	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.6
≥ 6000	67.1	71.7	72.4	72.8	73.0	73.1	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.9
≥ 5000	67.7	72.4	73.1	73.5	73.8	73.9	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.7
≥ 4500	68.6	73.4	74.2	74.6	74.8	74.9	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.8
≥ 4000	70.2	75.1	75.8	76.2	76.5	76.6	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.4
≥ 3500	70.5	75.6	76.3	76.8	77.0	77.1	77.3	77.6	77.6	77.7	77.7	77.7	77.7	77.7	78.0
≥ 3000	72.5	77.6	78.6	79.0	79.2	79.4	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.3
≥ 2500	73.4	78.8	79.8	80.2	80.8	81.0	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.9
≥ 2000	75.3	81.0	82.0	82.5	83.1	83.3	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.3
≥ 1800	76.1	81.8	82.9	83.4	84.1	84.3	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.3
≥ 1500	76.8	82.9	84.0	84.5	85.2	85.4	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.3
≥ 1200	77.7	84.2	85.3	86.0	86.7	86.9	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	88.0
≥ 1000	78.8	85.3	86.9	87.6	88.7	89.1	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.9
≥ 900	79.0	85.8	87.4	88.3	89.5	89.9	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.8
≥ 800	79.6	86.6	88.2	89.4	90.5	91.1	92.2	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.2
≥ 700	79.9	87.2	88.8	90.1	91.5	92.0	93.3	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.6
≥ 600	80.0	87.4	89.1	90.5	92.2	92.8	94.4	95.2	95.2	95.6	95.7	95.7	95.9	95.9	96.1
≥ 500	80.0	87.6	89.5	91.0	93.0	93.7	95.5	96.6	96.7	97.2	97.5	97.5	97.7	97.8	98.1
≥ 400	80.0	87.6	89.5	91.0	93.1	93.8	95.7	97.2	97.3	98.0	98.6	98.7	98.9	99.0	99.2
≥ 300	80.0	87.6	89.5	91.0	93.1	93.8	95.7	97.3	97.5	98.2	98.8	98.9	99.4	99.5	99.7
≥ 200	80.0	87.6	89.5	91.0	93.1	93.8	95.7	97.3	97.5	98.2	98.8	98.9	99.5	99.6	99.9
≥ 100	80.0	87.6	89.5	91.0	93.1	93.8	95.7	97.3	97.5	98.2	98.8	98.9	99.5	99.6	99.9
≥ 0	80.0	87.6	89.5	91.0	93.1	93.8	95.7	97.3	97.5	98.2	98.8	98.9	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-78
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING	55.3	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	60.5	61.9	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	60.8	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	60.8	62.4	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	62.7
≥ 14000	61.2	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	63.2	65.4	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	65.7
≥ 10000	66.6	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	67.0	69.4	69.3	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
≥ 8000	68.6	71.0	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	71.3
≥ 7000	69.4	71.8	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	70.3	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	71.6	74.3	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
≥ 4500	71.9	74.6	74.7	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	73.4	76.5	76.6	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
≥ 3500	75.2	78.2	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	77.3	80.9	81.0	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	79.2	83.1	83.2	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	81.7	86.5	86.6	87.1	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	81.9	86.7	86.8	87.3	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	82.4	87.5	87.7	88.3	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	82.9	88.8	89.0	89.7	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	83.4	90.1	90.4	91.2	91.6	92.4	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	83.5	90.4	90.8	91.5	91.9	92.7	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	83.9	91.2	91.5	92.3	92.8	93.8	94.2	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6
≥ 700	84.0	91.3	91.7	92.5	93.2	94.2	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	84.3	92.0	92.5	93.3	94.3	95.3	96.1	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	84.3	92.3	92.9	93.8	94.8	95.9	97.0	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	84.3	92.3	93.0	93.9	95.2	96.3	97.4	98.8	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	84.3	92.3	93.0	93.9	95.2	96.3	97.4	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.3	92.3	93.0	93.9	95.2	96.3	97.4	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	84.3	92.3	93.0	93.9	95.2	96.3	97.4	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	84.3	92.3	93.0	93.9	95.2	96.3	97.4	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.4	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	57.7	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	62.3	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 18000	62.5	63.3	63.3	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 16000	62.6	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 14000	63.1	64.0	64.0	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
IV 12000	64.8	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 10000	68.0	69.0	69.0	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
IV 9000	68.6	69.7	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 8000	70.5	71.6	71.7	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	71.8	72.9	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 6000	73.1	74.2	74.3	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
IV 5000	75.4	76.6	76.7	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
IV 4500	75.7	76.9	77.0	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 4000	77.3	78.6	78.8	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
IV 3500	79.5	80.9	81.3	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3000	81.6	83.3	83.8	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	83.4	85.2	85.6	86.2	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2000	84.8	87.2	87.6	88.3	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	85.2	87.7	88.2	88.8	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1500	85.8	88.8	89.2	90.1	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200	86.2	90.3	90.9	91.9	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1000	86.5	90.5	91.2	92.3	92.7	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 900	86.5	90.6	91.3	92.4	92.9	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 800	86.5	91.1	91.8	93.1	93.9	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 700	86.5	91.1	91.9	93.4	94.4	95.6	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 600	86.6	91.6	92.5	94.1	95.1	96.2	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	86.7	91.7	92.6	94.2	95.3	96.6	97.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	86.7	91.7	92.6	94.5	95.7	97.1	97.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	86.7	91.7	92.6	94.6	96.0	97.4	98.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	86.7	91.7	92.6	94.6	96.0	97.4	98.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	86.7	91.7	92.6	94.6	96.0	97.4	98.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	86.7	91.7	92.6	94.6	96.0	97.4	98.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

UCT
USDT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM FOURLY OBSERVATIONS)

1800-2000
HOURS UST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.2	≥.1	≥0
NO CEILING	61.7	63.0	63.1	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
IV 20000	65.4	66.8	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7
IV 18000	65.6	67.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.0
IV 15000	65.6	67.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.0
IV 14000	66.2	67.7	67.8	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.7
IV 12000	66.8	68.3	68.4	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
IV 10000	68.9	70.5	70.6	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6
IV 9000	69.4	71.0	71.1	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.0
IV 8000	71.2	72.9	73.0	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.1
IV 7000	72.5	74.4	74.5	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.6
IV 6000	74.0	75.9	76.0	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.1
IV 5000	74.6	76.6	76.8	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8
IV 4500	75.9	78.0	78.2	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.2
IV 4000	77.3	79.5	79.7	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6
IV 3500	79.6	81.9	82.2	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.3
IV 3000	81.6	84.5	84.7	85.4	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0
IV 2500	81.9	85.7	86.0	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
IV 2000	82.8	87.3	87.6	88.3	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
IV 1800	83.1	87.8	88.2	88.9	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6
IV 1500	83.2	88.2	88.6	89.4	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.1
IV 1200	84.6	89.8	90.2	91.2	91.5	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.3
IV 1000	84.8	90.4	91.2	92.3	92.7	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.5
IV 900	85.1	90.8	91.5	92.6	93.0	93.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.2
IV 800	85.2	91.1	91.8	93.0	93.9	93.9	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.2
IV 700	85.2	91.2	91.9	93.2	94.5	94.5	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2
IV 600	85.3	91.4	92.3	93.9	95.2	95.2	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.2
IV 500	85.3	91.5	92.4	94.2	95.7	95.7	96.6	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.1	98.2
IV 400	85.3	91.5	92.4	94.3	96.0	96.0	97.2	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.2
IV 300	85.3	91.5	92.4	94.3	96.0	96.0	97.2	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.8	99.9
IV 200	85.3	91.5	92.4	94.3	96.0	96.0	97.2	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.8	99.9
IV 100	85.3	91.5	92.4	94.3	96.0	96.0	97.2	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.8	99.9
IV 0	85.3	91.5	92.4	94.3	96.0	96.0	97.2	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LGT)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	62.5	64.7	64.4	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.4	65.4	65.5	65.6	65.6	66.0
≥ 20000	64.9	66.9	67.1	67.5	67.7	67.7	67.8	67.8	67.8	67.8	68.1	68.1	68.2	68.3	68.3	68.7
≥ 18000	65.1	67.0	67.2	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.2	68.2	68.3	68.4	68.4	68.8
≥ 16000	65.2	67.1	67.3	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.3	68.3	68.4	68.5	68.5	68.9
≥ 14000	65.7	67.7	68.0	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.9	68.9	69.0	69.1	69.1	69.6
≥ 12000	67.3	69.4	69.6	70.1	70.4	70.4	70.5	70.5	70.5	70.5	70.8	70.8	70.9	71.0	71.0	71.4
≥ 10000	69.8	72.0	72.4	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.7	73.7	73.8	73.9	73.9	74.3
≥ 9900	70.3	72.6	72.9	73.5	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.3	74.4	74.5	74.5	74.9
≥ 8000	72.2	74.4	74.7	75.4	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.1	76.2	76.3	76.3	76.8
≥ 7000	73.8	76.0	76.3	77.0	77.4	77.4	77.5	77.5	77.5	77.5	77.7	77.7	77.8	78.0	78.0	78.4
≥ 6000	75.3	77.6	78.0	78.6	79.0	79.0	79.1	79.1	79.1	79.1	79.4	79.4	79.5	79.6	79.6	80.0
≥ 5000	76.3	79.0	79.4	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.8	80.8	80.9	81.0	81.0	81.4
≥ 4500	76.6	79.4	79.7	80.3	80.8	80.8	80.9	80.9	80.9	80.9	81.1	81.1	81.2	81.3	81.3	81.7
≥ 4000	77.1	79.9	80.2	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.7	81.8	81.8	82.3
≥ 3500	78.7	81.6	81.9	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.3	83.3	83.4	83.5	83.5	84.0
≥ 3000	79.9	83.1	83.4	84.1	84.5	84.5	84.6	84.6	84.6	84.6	84.8	84.8	84.9	85.1	85.1	85.5
≥ 2500	80.9	84.8	85.4	86.1	86.6	86.6	86.7	86.8	86.8	86.8	87.0	87.0	87.1	87.2	87.2	87.6
≥ 2000	81.4	85.6	86.2	87.0	87.4	87.4	87.5	87.6	87.6	87.6	87.8	87.8	88.0	88.1	88.1	88.5
≥ 1800	81.8	86.0	86.7	87.6	88.1	88.1	88.2	88.3	88.3	88.3	88.5	88.5	88.6	88.7	88.7	89.1
≥ 1500	82.2	86.3	87.0	88.1	88.5	88.5	88.6	88.7	88.7	88.7	88.9	88.9	89.0	89.1	89.1	89.6
≥ 1200	83.4	88.0	88.9	90.0	90.4	90.4	90.5	90.6	90.6	90.6	90.9	90.9	91.0	91.1	91.1	91.5
≥ 1000	84.0	88.9	90.1	91.2	91.6	91.6	91.7	92.0	92.0	92.0	92.3	92.3	92.4	92.5	92.5	92.9
≥ 900	84.4	89.4	90.5	91.7	92.5	92.5	92.9	93.2	93.2	93.2	93.4	93.4	93.5	93.7	93.7	94.1
≥ 800	84.4	89.5	90.6	91.9	92.7	92.8	93.4	93.8	93.8	93.8	94.0	94.0	94.1	94.2	94.2	94.6
≥ 700	84.4	89.5	90.8	92.2	93.1	93.3	94.0	94.4	94.4	94.4	94.6	94.6	94.7	94.8	94.8	95.3
≥ 600	84.4	89.7	91.1	92.5	93.4	93.7	94.5	95.1	95.1	95.1	95.3	95.3	95.4	95.5	95.5	95.9
≥ 500	84.4	90.0	91.5	93.0	94.1	94.4	95.5	96.6	96.6	96.6	96.8	96.8	96.9	97.0	97.0	97.4
≥ 400	84.4	90.0	91.5	93.1	94.4	94.7	96.3	97.6	97.7	97.8	98.1	98.1	98.2	98.3	98.3	98.7
≥ 300	84.4	90.0	91.5	93.1	94.6	94.9	96.6	98.2	98.4	98.5	98.8	98.8	99.0	99.1	99.1	99.6
≥ 200	84.4	90.0	91.5	93.1	94.6	94.9	96.6	98.4	98.7	98.8	99.1	99.1	99.4	99.5	99.5	99.9
≥ 100	84.4	90.0	91.5	93.1	94.6	95.1	96.7	98.5	98.8	98.9	99.2	99.2	99.5	99.6	99.6	100.0
≥ 0	84.4	90.0	91.5	93.1	94.6	95.1	96.7	98.5	98.8	98.9	99.2	99.2	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	>10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	58.2	59.9	60.2	60.6	60.8	60.9	61.1	61.2	61.2	61.3	61.4	61.4	61.5	61.5	61.6	62.0
≤ 20000	61.7	63.7	64.0	64.4	64.7	64.8	65.0	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.5	66.0
≥ 18000	61.9	63.9	64.2	64.6	64.9	65.0	65.2	65.3	65.3	65.4	65.5	65.5	65.6	65.6	65.7	66.2
≥ 16000	62.0	64.0	64.3	64.7	65.0	65.1	65.3	65.4	65.5	65.5	65.6	65.6	65.8	65.8	65.8	66.3
≥ 14000	62.5	64.6	65.0	65.4	65.6	65.7	65.9	66.0	66.1	66.1	66.2	66.2	66.4	66.4	66.5	66.9
≥ 12000	63.9	66.1	66.5	66.9	67.2	67.3	67.5	67.6	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.5
≥ 10000	66.2	68.5	69.0	69.5	69.7	69.8	70.1	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.6	71.1
≥ 9000	66.5	68.9	69.4	69.9	70.1	70.3	70.5	70.6	70.6	70.7	70.8	70.8	70.9	71.0	71.0	71.5
≥ 8000	68.2	70.7	71.1	71.6	71.9	72.1	72.3	72.4	72.4	72.5	72.6	72.6	72.7	72.8	72.8	73.3
≥ 7000	69.4	72.0	72.5	73.0	73.3	73.4	73.7	73.8	73.8	73.9	74.0	74.0	74.1	74.2	74.2	74.7
≥ 6000	70.7	73.4	73.9	74.4	74.7	74.9	75.1	75.2	75.3	75.3	75.4	75.4	75.6	75.6	75.7	76.2
≥ 5000	71.9	74.8	75.3	75.8	76.1	76.3	76.5	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.1	77.6
≥ 4500	72.6	75.6	76.1	76.7	77.0	77.1	77.4	77.5	77.6	77.6	77.7	77.7	77.9	77.9	78.0	78.5
≥ 4000	72.8	76.9	77.3	78.1	78.4	78.6	78.9	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.5	80.0
≥ 3500	75.0	78.3	78.9	79.5	79.8	80.0	80.3	80.4	80.5	80.6	80.7	80.7	80.8	80.8	80.9	81.4
≥ 3000	76.8	80.3	81.0	81.7	82.0	82.2	82.5	82.7	82.7	82.8	82.9	82.9	83.1	83.1	83.2	83.7
≥ 2500	77.8	81.8	82.5	83.3	83.7	84.0	84.3	84.5	84.5	84.6	84.7	84.7	84.8	84.9	84.9	85.4
≥ 2000	79.1	83.4	84.2	85.0	85.4	85.7	86.0	86.2	86.2	86.3	86.4	86.4	86.6	86.6	86.7	87.2
≥ 1800	79.5	83.9	84.7	85.5	86.0	86.3	86.6	86.8	86.8	86.9	87.0	87.0	87.2	87.2	87.3	87.8
≥ 1500	80.1	84.7	85.6	86.5	87.0	87.3	87.6	87.8	87.9	88.0	88.1	88.1	88.2	88.2	88.3	88.8
≥ 1200	80.9	86.0	87.0	88.0	88.5	88.8	89.3	89.5	89.5	89.6	89.7	89.7	89.9	89.9	90.0	90.4
≥ 1000	81.4	86.9	88.1	89.4	90.0	90.5	91.1	91.4	91.4	91.5	91.6	91.6	91.8	91.8	91.9	92.4
≥ 900	81.6	87.3	88.5	89.9	90.7	91.2	91.8	92.2	92.2	92.3	92.4	92.4	92.6	92.6	92.7	93.1
≥ 800	81.7	87.9	89.1	90.6	91.6	92.1	92.9	93.3	93.3	93.5	93.6	93.6	93.8	93.8	93.9	94.4
≥ 700	81.8	88.0	89.4	91.0	92.1	92.7	93.6	94.1	94.2	94.3	94.5	94.5	94.6	94.7	94.7	95.2
≥ 600	81.9	88.4	89.8	91.6	92.8	93.5	94.5	95.2	95.3	95.5	95.7	95.7	95.9	95.9	96.0	96.5
≥ 500	82.0	88.5	90.1	91.9	93.3	94.1	95.3	96.3	96.5	96.7	96.9	96.9	97.1	97.2	97.3	97.7
≥ 400	82.0	88.6	90.1	92.1	93.7	94.4	95.8	97.1	97.3	97.7	97.9	98.0	98.2	98.2	98.3	98.8
≥ 300	82.0	88.6	90.1	92.1	93.7	94.5	95.9	97.3	97.6	98.1	98.4	98.5	98.8	98.8	98.9	99.4
≥ 200	82.0	88.6	90.1	92.1	93.7	94.5	96.0	97.4	97.8	98.2	98.6	98.7	99.0	99.1	99.2	99.7
≥ 100	82.0	88.6	90.1	92.1	93.7	94.6	96.0	97.5	97.8	98.3	98.7	98.7	99.1	99.2	99.3	99.9
≥ 50	82.0	88.6	90.1	92.1	93.7	94.6	96.0	97.5	97.8	98.3	98.7	98.7	99.1	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.T.C.

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING	52.0	54.7	54.8	55.2	55.8	55.8	56.0	56.2	56.2	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	53.4	55.7	56.2	56.7	57.2	57.2	57.4	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 18000	53.4	55.7	56.2	56.7	57.2	57.2	57.4	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 16000	54.0	56.2	56.8	57.2	57.8	57.8	58.0	58.2	58.2	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 14000	54.4	56.7	57.2	57.7	58.2	58.2	58.4	58.7	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 12000	55.6	57.8	58.3	58.8	59.3	59.3	59.6	59.8	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 10000	56.8	59.0	59.6	60.0	60.6	60.6	60.8	61.0	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 9000	57.7	59.9	60.4	60.9	61.4	61.4	61.7	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 8000	58.9	61.1	61.7	62.1	62.7	62.7	62.9	63.1	63.1	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 7000	59.3	61.6	62.1	62.6	63.1	63.1	63.3	63.6	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 6000	60.7	62.9	63.4	63.9	64.4	64.4	64.7	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 5000	62.8	65.2	65.9	66.3	66.9	66.9	67.1	67.3	67.3	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 4500	64.7	67.1	67.8	68.2	68.8	68.8	69.0	69.2	69.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 4000	65.8	68.3	69.0	69.4	70.0	70.0	70.2	70.4	70.4	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 3500	66.3	68.9	69.6	70.0	70.6	70.6	70.8	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 3000	67.7	70.6	71.2	71.9	72.4	72.6	72.8	73.1	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 2500	69.2	72.3	73.0	73.8	74.3	74.4	74.7	75.0	75.1	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 2000	71.0	74.3	75.2	76.1	76.7	76.8	77.0	77.3	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1800	71.8	75.1	76.0	76.9	77.4	77.6	77.8	78.1	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1500	74.0	78.4	79.4	80.3	81.1	81.2	81.6	82.2	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 1200	75.8	80.4	81.8	82.8	83.8	83.9	84.3	85.1	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1000	76.9	81.8	83.3	84.4	85.4	85.6	86.1	86.9	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 900	77.0	82.2	83.8	85.0	86.2	86.3	86.9	87.7	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 800	77.0	82.9	84.7	86.1	87.7	87.8	88.3	89.2	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 700	77.0	83.1	85.0	86.8	88.9	89.0	89.6	90.7	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 600	77.0	83.3	85.2	87.4	90.1	90.3	91.0	92.4	92.7	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 500	77.1	83.3	85.7	88.1	91.1	91.4	92.2	93.7	93.9	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 400	77.1	83.3	85.7	88.2	91.3	91.8	92.7	94.3	94.6	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 300	77.1	83.3	85.7	88.3	91.6	92.0	93.1	95.1	95.6	96.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
IV 200	77.1	83.3	85.7	88.4	91.8	92.2	93.3	95.3	95.9	96.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9
IV 100	77.1	83.3	85.7	88.4	91.8	92.2	93.3	95.3	95.9	96.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9
IV J	77.1	83.3	85.7	88.4	91.8	92.2	93.3	95.3	95.9	96.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS OF DAY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	46.3	49.7	50.1	50.6	51.2	51.4	51.9	52.3	52.3	52.3	52.6	52.6	53.0	53.0	53.2	53.7
≥ 20000	48.0	51.6	52.0	52.4	53.1	53.3	53.8	54.2	54.2	54.2	54.4	54.4	54.9	54.9	55.1	55.6
≥ 18000	48.6	52.3	52.8	53.2	53.9	54.1	54.6	55.0	55.0	55.0	55.2	55.2	55.7	55.7	55.9	56.3
≥ 16000	49.1	52.9	53.3	53.8	54.4	54.7	55.1	55.6	55.6	55.6	55.8	55.8	56.2	56.2	56.4	56.9
≥ 14000	49.3	53.1	53.6	54.0	54.7	54.9	55.3	55.8	55.8	55.8	56.0	56.0	56.4	56.4	56.7	57.1
≥ 12000	50.4	54.2	54.7	55.1	55.8	56.0	56.4	56.9	56.9	56.9	57.1	57.1	57.6	57.6	57.8	58.2
≥ 10000	52.2	56.0	56.7	57.1	57.8	58.0	58.4	58.9	58.9	58.9	59.1	59.1	59.6	59.6	59.8	60.2
≥ 9000	52.9	56.7	57.3	57.8	58.4	58.7	59.1	59.6	59.6	59.6	59.8	59.8	60.2	60.2	60.4	60.9
≥ 8000	54.4	58.3	59.0	59.4	60.1	60.3	60.8	61.2	61.2	61.2	61.4	61.4	61.9	61.9	62.1	62.6
≥ 7000	55.0	58.9	59.6	60.0	60.7	60.9	61.3	61.8	61.8	61.8	62.0	62.0	62.4	62.4	62.7	63.1
≥ 6000	56.0	60.1	60.8	61.2	61.9	62.1	62.6	63.0	63.0	63.0	63.2	63.2	63.7	63.7	63.9	64.3
≥ 5000	57.3	61.4	62.3	62.8	63.6	63.8	64.2	64.7	64.7	64.7	64.9	64.9	65.3	65.3	65.6	66.0
≥ 4500	58.1	62.3	63.1	63.6	64.3	64.6	65.0	65.4	65.4	65.4	65.7	65.7	66.1	66.1	66.3	66.8
≥ 4000	59.1	62.9	63.7	64.2	65.0	65.2	65.7	66.1	66.1	66.1	66.3	66.3	66.7	66.7	66.9	67.4
≥ 3500	60.3	64.6	65.3	65.8	66.7	66.9	67.3	67.8	67.8	67.8	68.0	68.0	68.4	68.4	68.7	69.1
≥ 3000	61.4	65.7	66.6	67.1	68.1	68.3	68.7	69.3	69.3	69.3	69.6	69.6	70.0	70.0	70.2	70.7
≥ 2500	62.8	67.3	68.3	68.9	70.0	70.2	70.8	71.3	71.3	71.3	71.6	71.6	72.0	72.0	72.2	72.7
≥ 2000	65.7	70.4	71.6	72.1	73.3	73.6	74.1	74.8	74.8	74.8	75.0	75.0	75.4	75.4	75.7	76.1
≥ 1800	66.0	71.0	72.1	72.7	74.0	74.2	74.8	75.4	75.4	75.4	75.7	75.7	76.1	76.1	76.3	76.8
≥ 1500	67.7	73.4	74.7	75.2	76.7	76.9	77.4	78.2	78.2	78.3	78.6	78.6	79.0	79.0	79.2	79.7
≥ 1200	69.8	76.3	77.8	78.3	79.8	80.0	80.6	81.4	81.4	81.6	81.8	81.8	82.2	82.2	82.4	82.9
≥ 1000	70.9	78.3	79.9	80.8	82.3	82.6	83.2	84.2	84.2	84.3	84.6	84.6	85.0	85.0	85.2	85.8
≥ 900	71.4	79.0	80.7	81.7	83.2	83.4	84.3	85.3	85.3	85.9	86.1	86.1	86.6	86.6	86.8	87.3
≥ 800	71.7	80.3	82.3	83.4	85.3	85.6	86.4	87.4	87.4	88.0	88.2	88.2	88.7	88.7	88.9	89.4
≥ 700	71.8	80.6	82.6	84.1	86.0	87.0	87.9	89.0	89.0	89.6	89.8	89.8	90.2	90.2	90.4	91.0
≥ 600	71.8	80.6	82.6	84.1	87.0	87.4	88.6	89.9	90.1	90.7	91.2	91.2	91.7	91.7	91.9	92.4
≥ 500	71.8	80.9	83.0	85.0	88.2	88.9	90.1	91.4	91.8	92.7	93.2	93.2	93.9	93.9	94.1	94.7
≥ 400	71.8	81.0	83.1	85.1	88.8	89.7	91.1	92.8	93.1	94.0	94.6	94.7	95.4	95.4	95.7	96.3
≥ 300	71.8	81.0	83.1	85.2	89.1	90.0	91.7	93.6	93.9	95.0	96.0	96.1	97.1	97.3	97.7	98.3
≥ 200	71.8	81.0	83.1	85.2	89.2	90.1	91.9	93.9	94.4	96.0	97.2	97.3	98.4	98.7	99.0	99.7
≥ 100	71.8	81.0	83.1	85.2	89.2	90.1	91.9	93.9	94.6	96.1	97.4	97.6	98.7	98.9	99.2	99.9
≥ 0	71.8	81.0	83.1	85.2	89.2	90.1	91.9	93.9	94.6	96.1	97.4	97.6	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 STATION OFFUTT AFB NE 69-78 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥0
NO CEILING	41.9	44.1	44.4	44.7	45.3	45.6	46.0	46.0	46.1	46.2	46.6	45.6	46.9	46.9	47.1	47.7
≥ 2000	45.6	48.1	48.6	48.9	49.8	50.0	50.4	50.4	50.6	50.7	51.0	51.0	51.4	51.4	51.7	52.2
≥ 1800	45.9	48.6	49.0	49.3	50.2	50.4	50.9	50.9	51.0	51.1	51.4	51.4	51.9	51.9	52.1	52.7
≥ 1600	46.2	49.0	49.4	49.8	50.7	51.0	51.4	51.4	51.6	51.7	52.0	52.0	52.4	52.4	52.7	53.2
≥ 1400	46.6	49.3	49.8	50.1	51.0	51.3	51.8	51.8	51.9	52.0	52.3	52.3	52.8	52.8	53.0	53.6
≥ 1200	47.0	50.3	50.8	51.1	52.0	52.3	52.8	52.8	52.9	53.0	53.3	53.3	53.8	53.8	54.0	54.6
≥ 1000	49.9	52.7	53.3	53.7	54.6	54.9	55.3	55.3	55.4	55.6	55.9	55.9	56.3	56.3	56.6	57.1
≥ 900	50.2	53.0	53.7	54.0	54.9	55.2	55.7	55.7	55.8	55.9	56.2	56.2	56.7	56.7	56.9	57.4
≥ 800	51.9	54.9	55.6	55.9	56.8	57.1	57.6	57.6	57.7	57.8	58.1	58.1	58.6	58.6	58.8	59.3
≥ 700	52.6	55.6	56.2	56.6	57.4	57.8	58.2	58.2	58.3	58.4	58.8	58.8	59.2	59.2	59.4	60.0
≥ 600	53.7	56.9	57.7	58.1	59.0	59.3	59.8	59.8	59.9	60.0	60.3	60.3	60.8	60.8	61.0	61.6
≥ 500	55.9	59.2	60.1	60.6	61.4	61.8	62.2	62.2	62.3	62.4	62.8	62.8	63.2	63.2	63.4	64.0
≥ 450	56.7	60.0	60.9	61.3	62.3	62.7	63.1	63.1	63.2	63.3	63.7	63.7	64.1	64.1	64.3	64.9
≥ 400	57.8	61.1	62.0	62.6	63.6	64.0	64.4	64.4	64.6	64.7	65.0	65.0	65.4	65.4	65.7	66.2
≥ 350	59.1	62.8	63.7	64.2	65.2	65.8	66.2	66.2	66.3	66.4	66.8	66.8	67.2	67.2	67.4	68.0
≥ 300	60.1	63.9	64.8	65.3	66.3	66.9	67.4	67.4	67.6	67.7	68.0	68.0	68.4	68.4	68.7	69.2
≥ 2500	60.9	65.2	66.1	66.8	67.8	68.3	68.9	68.9	69.0	69.1	69.4	69.4	69.9	69.9	70.1	70.7
≥ 2000	62.8	67.2	68.4	69.1	70.1	70.7	71.3	71.3	71.4	71.6	71.9	71.9	72.3	72.3	72.6	73.1
≥ 1800	63.3	68.1	69.4	70.2	71.3	71.9	72.8	72.9	73.0	73.2	73.6	73.6	74.0	74.0	74.2	74.8
≥ 1500	64.9	70.6	72.1	72.9	74.1	74.7	75.9	76.0	76.1	76.3	76.8	76.8	77.3	77.3	77.6	78.1
≥ 1200	67.2	73.9	75.7	76.4	77.7	78.2	79.6	79.8	79.9	80.1	80.6	80.6	81.1	81.1	81.3	81.9
≥ 1000	68.3	75.7	78.0	79.0	80.4	81.0	82.4	82.8	82.9	83.1	83.6	83.6	84.1	84.1	84.3	84.9
≥ 900	68.4	77.0	79.1	80.3	82.0	82.7	84.1	84.4	84.7	85.0	85.4	85.4	86.0	86.0	86.2	86.8
≥ 800	68.4	77.6	79.7	81.1	83.0	83.8	85.3	85.8	86.0	86.3	86.9	86.9	87.6	87.6	87.8	88.3
≥ 700	68.4	77.9	80.1	82.1	84.7	85.6	87.4	88.1	88.3	88.7	89.4	89.4	90.1	90.1	90.3	90.9
≥ 600	68.4	77.9	80.2	82.4	85.6	86.7	89.0	90.1	90.6	91.0	91.8	91.8	92.4	92.4	92.7	93.2
≥ 500	68.4	77.9	80.6	82.8	86.1	87.4	89.9	91.0	91.9	92.3	93.1	93.1	93.9	93.9	94.1	94.7
≥ 400	68.4	77.9	80.6	82.8	86.3	87.9	91.4	91.8	92.7	93.2	94.0	94.0	95.1	95.2	95.4	96.0
≥ 300	68.4	77.9	80.6	82.8	86.6	88.3	91.1	92.6	93.6	94.1	95.0	95.0	96.2	96.3	96.8	97.4
≥ 200	68.4	77.9	80.6	82.8	86.8	88.3	91.2	92.8	93.9	94.7	95.7	95.7	97.1	97.2	97.8	98.7
≥ 100	68.4	77.9	80.6	82.8	86.8	88.3	91.2	92.9	94.0	94.9	95.9	96.0	97.6	97.7	98.2	99.4
≥ 0	68.4	77.9	80.6	82.8	86.8	88.3	91.2	92.9	94.0	94.9	95.9	96.0	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING	40.1	43.4	43.6	43.9	44.2	44.3	44.4	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8
≥ 20000	45.2	47.2	49.3	49.7	50.1	50.2	50.3	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.8	50.8
≥ 18000	46.1	50.1	50.2	50.6	51.0	51.1	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.7	51.7
≥ 16000	46.7	50.7	50.8	51.1	51.6	51.7	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.3	52.3
≥ 14000	47.4	51.4	51.6	51.9	52.3	52.4	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.1	53.1
≥ 12000	48.4	52.6	52.7	53.0	53.4	53.6	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2
≥ 10000	51.2	55.4	55.6	55.9	56.3	56.4	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.3	57.3
≥ 9000	51.7	56.0	56.1	56.4	56.9	57.0	57.3	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.9	57.9
≥ 8000	53.7	58.0	58.1	58.4	58.9	59.0	59.3	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.9	59.9
≥ 7000	54.0	59.1	59.2	59.6	60.0	60.1	60.4	60.6	60.6	60.8	60.8	60.8	60.8	60.8	61.0	61.0
≥ 6000	54.4	59.7	59.8	60.1	60.6	60.7	61.0	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.6	61.6
≥ 5000	56.3	61.8	61.9	62.2	62.8	62.9	63.2	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.8	63.8
≥ 4500	56.7	62.2	62.4	62.8	63.3	63.4	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥ 4000	57.7	64.0	64.2	64.7	65.2	65.3	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.2	66.2
≥ 3500	59.2	65.8	66.0	66.4	67.0	67.1	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	68.0	68.0
≥ 3000	60.6	67.4	67.7	68.1	68.7	68.8	69.2	69.6	69.6	69.8	69.8	69.8	69.8	69.8	70.0	70.0
≥ 2500	61.1	68.1	68.4	68.9	69.4	69.6	70.0	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 2000	62.6	70.4	71.0	71.4	72.1	72.2	72.9	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.8	73.8
≥ 1800	62.9	71.3	71.9	72.3	73.0	73.1	73.9	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.8	74.8
≥ 1500	64.3	74.1	75.3	76.2	76.9	77.0	77.9	78.4	78.6	78.8	78.9	78.9	78.9	78.9	79.1	79.1
≥ 1200	66.7	78.2	79.7	80.6	81.4	81.6	82.4	83.2	83.3	83.7	83.8	83.8	83.8	83.8	84.0	84.0
≥ 1000	67.0	80.3	82.2	83.2	84.4	84.7	85.9	86.9	87.1	87.9	88.0	88.0	88.0	88.0	88.2	88.2
≥ 900	67.2	80.8	82.9	84.0	85.2	85.4	86.8	87.8	88.0	88.8	88.9	88.9	88.9	88.9	89.1	89.1
≥ 800	67.3	81.1	83.3	84.7	86.0	86.2	87.7	88.9	89.3	90.1	90.3	90.4	90.4	90.4	90.7	90.7
≥ 700	67.6	81.7	84.0	85.4	87.2	87.4	88.9	90.2	90.8	91.8	92.0	92.1	92.1	92.1	92.3	92.3
≥ 600	67.6	81.7	84.1	85.8	88.0	88.3	90.2	91.9	92.7	93.8	94.0	94.1	94.1	94.1	94.3	94.3
≥ 500	67.6	81.7	84.1	85.9	88.2	88.6	90.8	92.6	93.4	94.7	95.0	95.1	95.1	95.4	95.7	95.7
≥ 400	67.6	81.7	84.1	86.0	88.3	88.7	91.2	93.3	94.3	95.7	96.2	96.4	96.6	97.0	97.2	97.2
≥ 300	67.6	81.7	84.1	86.1	88.4	88.8	91.3	93.7	94.7	96.0	96.8	97.0	97.4	98.0	98.2	98.2
≥ 200	67.6	81.7	84.1	86.1	88.4	88.8	91.3	93.9	94.9	96.3	97.1	97.6	98.1	98.7	99.1	99.4
≥ 100	67.6	81.7	84.1	86.1	88.4	88.8	91.3	93.9	94.9	96.3	97.3	97.6	98.1	98.7	99.3	99.9
≥ "	67.6	81.7	84.1	86.1	88.4	88.8	91.3	93.9	94.9	96.3	97.3	97.6	98.1	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.4	≥1	≥1	≥1	≥1	≥1.6	≥1	≥0
NO CEILING	43.4	45.7	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 20000	49.2	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 18000	49.9	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 16000	50.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 14000	51.9	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 12000	53.1	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 10000	55.3	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 9000	55.8	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 8000	57.3	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 7000	57.7	61.1	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 6000	57.9	61.6	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 5000	59.3	63.2	63.8	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
IV 4500	60.1	64.1	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 4000	61.4	66.0	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 3500	62.4	67.1	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 3000	64.7	69.6	70.2	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 2500	66.0	71.7	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 2000	69.3	76.1	76.8	77.1	77.3	77.3	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1800	70.3	77.6	78.2	78.7	78.9	78.9	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1500	72.3	81.0	81.7	82.2	82.6	82.7	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 1200	73.8	83.6	84.4	85.1	85.8	85.9	86.4	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1000	74.0	85.0	86.4	87.1	87.9	88.1	88.7	89.1	89.1	89.7	90.2	90.2	90.2	90.2	90.2	90.2
IV 900	74.0	85.2	86.9	87.7	88.7	88.9	89.4	90.1	90.1	90.7	91.2	91.2	91.2	91.2	91.2	91.2
IV 800	74.2	85.7	87.3	88.1	89.3	89.6	90.2	90.9	90.9	91.4	92.0	92.0	92.0	92.0	92.0	92.0
IV 700	74.3	85.9	87.6	88.3	89.7	90.1	91.3	92.1	92.3	93.1	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	74.4	86.2	87.9	88.7	90.3	90.8	92.2	93.3	93.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2
IV 500	74.4	86.3	88.0	88.8	90.4	91.0	92.7	94.6	95.1	96.3	97.3	97.4	97.4	97.6	97.6	97.6
IV 400	74.4	86.3	88.0	88.8	90.4	91.2	93.1	95.1	95.8	97.1	98.2	98.3	98.6	98.8	98.8	98.8
IV 300	74.4	86.3	88.0	88.8	90.4	91.2	93.1	95.1	95.9	97.4	98.8	98.9	99.2	99.4	99.4	99.4
IV 200	74.4	86.3	88.0	88.8	90.4	91.2	93.2	95.2	95.9	97.4	98.9	99.0	99.0	99.8	99.9	99.9
IV 100	74.4	86.3	88.0	88.8	90.4	91.2	93.2	95.2	96.0	97.6	99.0	99.1	99.7	99.9	100.0	100.0
IV 0	74.4	86.3	88.0	88.8	90.4	91.2	93.2	95.2	96.0	97.6	99.0	99.1	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING	47.4	48.3	48.6	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9
≥ 20000	51.6	52.8	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 18000	52.4	53.8	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥ 16000	52.9	54.3	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 14000	54.1	55.7	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 12000	55.1	56.9	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
≥ 10000	57.9	59.9	60.1	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
≥ 9000	58.3	60.3	60.6	60.7	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
≥ 8000	60.4	62.4	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 7000	61.0	63.1	63.4	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 6000	62.3	64.6	65.0	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 5000	64.6	67.2	67.8	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 4500	64.9	67.7	68.2	68.3	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 4000	66.2	69.0	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 3500	68.1	71.2	72.0	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6
≥ 3000	69.3	72.4	73.2	73.6	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 2500	71.1	74.8	75.6	75.9	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 2000	73.7	78.6	79.3	79.7	80.1	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥ 1800	74.1	79.7	80.6	80.9	81.3	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 1500	76.9	83.6	84.7	85.1	85.8	86.0	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 1200	77.4	84.6	85.7	86.2	87.3	87.7	88.0	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 1000	77.6	85.8	86.9	87.7	89.0	89.4	90.0	90.7	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 900	77.6	86.1	87.4	88.4	89.9	90.3	91.1	91.8	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
≥ 800	77.6	86.2	87.9	89.2	90.7	91.2	92.2	93.1	93.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 700	77.6	86.4	88.1	89.7	91.3	91.9	93.2	94.3	94.8	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 600	77.6	86.7	88.3	89.9	91.8	92.3	94.1	95.3	95.8	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 500	77.6	86.7	88.3	89.9	91.9	92.4	94.2	95.6	96.0	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.3
≥ 400	77.6	86.7	88.3	89.9	91.9	92.4	94.4	96.3	96.9	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.3
≥ 300	77.6	86.7	88.3	89.9	91.9	92.4	94.4	96.3	97.1	98.2	98.7	98.8	98.8	98.8	98.8	98.9	99.0
≥ 200	77.6	86.7	88.3	89.9	91.9	92.4	94.4	96.4	97.4	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.8
≥ 100	77.6	86.7	88.3	89.9	91.9	92.4	94.4	96.4	97.4	98.8	99.3	99.4	99.4	99.6	99.7	99.7	99.8
≥ 0	77.6	86.7	88.3	89.9	91.9	92.4	94.4	96.4	97.4	98.8	99.3	99.4	99.4	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0
NO CEILING ≥ 20000	49.9	51.1	51.2	51.2	51.2	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.7	52.0
IV 18000	53.0	54.2	54.3	54.3	54.3	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	55.1
IV 16000	53.1	54.3	54.4	54.4	54.4	54.5	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	55.0	55.2
IV 14000	54.0	55.2	55.2	55.3	55.3	55.4	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.9	56.1
IV 12000	55.2	56.4	56.5	56.5	56.5	56.6	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.3
IV 10000	57.3	58.5	58.6	58.6	58.6	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.4
IV 9000	59.3	60.6	60.8	60.8	60.8	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.5
IV 8000	59.9	61.2	61.3	61.3	61.3	61.4	61.5	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.9	62.1
IV 7000	61.4	62.8	62.9	62.9	62.9	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.7
IV 6000	62.7	64.0	64.1	64.1	64.1	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.9
IV 5000	64.2	65.6	65.8	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.4	66.7
IV 4500	66.4	68.1	68.3	68.5	68.6	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.3
IV 4000	67.4	69.1	69.3	69.5	69.6	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.3
IV 3500	68.7	70.6	70.8	71.0	71.1	71.2	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.9
IV 3000	70.9	73.0	73.2	73.5	73.6	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.4
IV 2500	72.8	75.3	75.5	75.7	75.9	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.7
IV 2000	73.9	76.7	77.0	77.3	77.5	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.3
IV 1800	75.9	78.9	79.6	79.8	80.0	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.8
IV 1500	76.9	80.3	80.9	81.2	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.1	82.3
IV 1200	78.1	82.5	83.3	83.7	84.3	84.4	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.1	85.3
IV 1000	78.9	84.2	85.3	85.8	86.5	86.7	87.2	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.8	88.1
IV 900	79.4	85.5	86.7	87.5	88.3	88.5	89.1	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.9	90.1
IV 800	79.5	85.8	87.2	88.1	89.2	89.4	90.0	90.4	90.6	90.7	90.9	90.9	90.9	90.9	91.0	91.2
IV 700	79.6	86.1	87.6	89.0	90.6	91.0	91.8	92.3	92.5	92.8	92.9	92.9	92.9	92.9	93.0	93.2
IV 600	79.6	86.1	87.8	89.9	92.0	92.3	93.5	94.1	94.3	94.6	94.8	94.8	94.8	94.8	94.9	95.1
IV 500	79.6	86.1	87.8	90.0	92.3	92.9	94.9	95.4	95.9	96.2	96.3	96.3	96.3	96.3	96.4	96.7
IV 400	79.6	86.1	87.8	90.0	93.0	93.8	96.1	96.9	97.3	97.7	97.9	97.9	97.9	97.9	98.0	98.2
IV 300	79.6	86.1	87.8	90.0	93.1	93.9	96.2	97.3	98.0	98.6	98.9	98.9	98.9	98.9	99.0	99.2
IV 200	79.6	86.1	87.8	90.0	93.1	93.9	96.2	97.3	98.0	98.6	98.9	98.9	98.9	99.1	99.1	99.4
IV 100	79.6	86.1	87.8	90.0	93.1	93.9	96.2	97.3	98.0	98.6	98.9	98.9	98.9	99.2	99.3	99.4
IV 0	79.6	86.1	87.8	90.0	93.1	93.9	96.2	97.3	98.0	98.6	98.9	98.9	98.9	99.2	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	52.8	54.4	54.5	54.5	54.5	54.5	54.7	54.8	54.8	54.8	54.8	54.8	55.0	55.1	55.4	55.9
≥ 20000	54.7	56.3	56.4	56.4	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.9	57.0	57.3	57.7
IV 18000	55.0	56.5	56.6	56.6	56.6	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.2	57.5	58.0
IV 16000	55.1	56.6	56.7	56.7	56.7	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.3	57.6	58.1
IV 14000	55.9	57.4	57.5	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	57.9	58.0	58.1	58.4	58.9
IV 12000	57.7	59.3	59.4	59.4	59.4	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.0	60.8
IV 10000	59.8	61.3	61.4	61.4	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.9	62.0	62.3	62.8
IV 9000	60.6	62.2	62.3	62.3	62.3	62.3	62.5	62.7	62.7	62.7	62.7	62.7	62.8	62.9	63.2	63.7
IV 8000	62.4	64.1	64.2	64.2	64.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.7	64.8	65.1	65.6
IV 7000	64.2	65.9	66.0	66.0	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.6	66.9	67.3
IV 6000	65.2	66.9	67.0	67.0	67.0	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.6	67.9	68.3
IV 5000	67.1	68.8	68.9	68.9	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.5	69.8	70.3
IV 4500	67.8	69.6	69.7	69.7	69.7	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.2	70.6	71.1
IV 4000	69.8	71.6	71.7	71.8	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.4	72.7	73.2
IV 3500	71.1	72.9	73.0	73.1	73.1	73.1	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.8	74.1	74.7
IV 3000	73.1	75.0	75.1	75.3	75.3	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.9	76.3	76.8
IV 2500	74.1	76.0	76.4	76.5	76.5	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.6	78.1
IV 2000	76.1	78.0	78.4	78.7	78.8	78.8	79.3	79.5	79.6	79.6	79.6	79.6	79.7	79.8	80.2	80.7
IV 1800	76.4	78.4	78.7	79.0	79.2	79.2	79.6	79.8	79.9	79.9	79.9	79.9	80.0	80.2	80.5	81.0
IV 1500	77.6	80.8	81.4	81.8	81.9	81.9	82.4	82.8	82.9	82.9	82.9	82.9	83.1	83.2	83.5	84.1
IV 1200	78.7	82.8	83.6	84.1	84.3	84.3	84.8	85.4	85.5	85.6	85.6	85.6	85.7	85.8	86.2	86.7
IV 1000	79.3	84.3	85.2	85.6	86.1	86.2	86.8	87.4	87.5	87.6	87.6	87.6	87.7	87.8	88.2	88.7
IV 900	79.7	85.1	86.0	86.6	87.2	87.6	88.4	89.0	89.1	89.2	89.2	89.2	89.3	89.4	89.7	90.3
IV 800	79.7	85.4	86.3	87.6	88.2	88.7	89.5	90.1	90.2	90.3	90.3	90.3	90.4	90.5	90.9	91.4
IV 700	79.8	85.8	87.3	88.9	89.6	90.3	91.2	91.9	92.0	92.1	92.1	92.1	92.2	92.3	92.6	93.2
IV 600	79.8	86.0	88.0	90.0	91.5	92.4	93.3	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.6	95.5
IV 500	79.8	86.0	88.0	90.1	91.8	92.8	94.2	95.4	95.7	96.0	96.0	96.0	96.1	96.2	96.5	97.1
IV 400	79.8	86.0	88.0	90.1	91.9	92.9	94.5	96.2	96.9	97.2	97.2	97.2	97.3	97.4	97.8	98.3
IV 300	79.8	86.0	88.0	90.1	91.9	92.9	94.6	96.5	97.3	97.9	98.0	98.0	98.2	98.3	98.9	99.4
IV 200	79.8	86.0	88.0	90.1	91.9	92.9	94.6	96.5	97.3	97.9	98.0	98.0	98.2	98.3	98.9	99.4
IV 100	79.8	86.0	88.0	90.1	91.9	92.9	94.6	96.5	97.3	97.9	98.0	98.0	98.2	98.3	98.9	99.4
IV 0	79.8	86.0	88.0	90.1	91.9	92.9	94.6	96.5	97.3	97.9	98.0	98.0	98.2	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-51

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING	40.7	48.8	49.1	49.3	49.6	49.6	49.8	50.0	50.0	50.0	50.2	50.2	50.3	50.3	50.4	50.7
≥ 20000	50.1	52.4	52.7	52.9	53.2	53.3	53.5	53.6	53.6	53.7	53.8	53.8	53.9	53.9	54.1	54.4
≥ 18000	50.5	52.9	53.2	53.4	53.7	53.8	54.0	54.1	54.2	54.2	54.3	54.3	54.4	54.5	54.6	54.9
≥ 16000	51.1	53.5	53.8	54.0	54.3	54.4	54.6	54.7	54.8	54.8	54.9	54.9	55.0	55.1	55.2	55.5
≥ 14000	51.8	54.1	54.5	54.8	55.1	55.2	55.4	55.5	55.5	55.6	55.7	55.7	55.8	55.8	56.0	56.3
≥ 12000	53.2	55.6	55.9	56.1	56.4	56.5	56.8	56.9	56.9	56.9	57.1	57.1	57.2	57.2	57.4	57.7
≥ 10000	55.3	57.9	58.2	58.4	58.7	58.8	59.1	59.2	59.2	59.3	59.4	59.4	59.5	59.5	59.7	60.0
≥ 9000	55.9	58.5	58.8	59.0	59.3	59.5	59.7	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.3	60.6
≥ 8000	57.6	60.3	60.6	60.8	61.1	61.3	61.5	61.6	61.6	61.7	61.8	61.8	61.9	62.0	62.1	62.4
≥ 7000	58.3	61.1	61.5	61.7	62.1	62.2	62.4	62.6	62.6	62.6	62.8	62.8	62.9	62.9	63.1	63.3
≥ 6000	59.3	62.3	62.7	62.9	63.3	63.4	63.6	63.8	63.8	63.8	64.0	64.0	64.1	64.1	64.2	64.5
≥ 5000	61.2	64.4	64.9	65.1	65.5	65.6	65.9	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.5	66.8
≥ 4500	62.0	65.3	65.8	66.0	66.4	66.5	66.8	66.9	66.9	67.0	67.1	67.1	67.2	67.3	67.4	67.7
≥ 4000	63.4	66.8	67.3	67.6	68.1	68.2	68.4	68.6	68.6	68.6	68.8	68.8	68.9	68.9	69.1	69.4
≥ 3500	64.7	68.3	68.8	69.1	69.6	69.7	69.9	70.1	70.1	70.1	70.3	70.3	70.4	70.4	70.6	70.9
≥ 3000	66.2	70.0	70.5	70.9	71.4	71.6	71.9	72.0	72.0	72.1	72.2	72.2	72.4	72.4	72.5	72.8
≥ 2500	67.4	71.5	72.1	72.5	73.0	73.2	73.5	73.7	73.7	73.7	73.9	73.9	74.0	74.0	74.2	74.5
≥ 2000	69.6	74.3	75.0	75.5	76.1	76.2	76.6	76.9	76.9	77.0	77.1	77.1	77.2	77.3	77.4	77.7
≥ 1800	70.2	75.2	76.0	76.5	77.1	77.2	77.7	77.9	78.0	78.1	78.2	78.2	78.3	78.4	78.5	78.8
≥ 1500	72.0	78.1	79.1	79.7	80.4	80.6	81.1	81.5	81.6	81.7	81.9	81.9	82.0	82.0	82.2	82.5
≥ 1200	73.5	80.5	81.7	82.4	83.3	83.5	84.2	84.7	84.8	84.9	85.1	85.1	85.3	85.3	85.4	85.7
≥ 1000	74.2	82.1	83.6	84.4	85.5	85.8	86.5	87.2	87.3	87.6	87.8	87.8	88.0	88.0	88.1	88.4
900	74.4	82.7	84.2	85.2	86.4	86.8	87.6	88.3	88.4	88.8	89.1	89.1	89.2	89.2	89.4	89.7
800	74.4	83.2	84.9	86.2	87.6	88.0	88.9	89.7	89.9	90.3	90.6	90.6	90.8	90.8	90.9	91.3
700	74.5	83.4	85.3	86.9	88.7	89.1	90.3	91.2	91.5	91.9	92.2	92.3	92.4	92.4	92.6	92.9
600	74.5	83.5	85.5	87.2	89.4	89.9	91.3	92.5	92.8	93.4	93.8	93.8	94.0	94.0	94.1	94.4
500	74.5	83.6	85.7	87.5	90.0	90.6	92.3	93.6	94.0	94.7	95.1	95.2	95.4	95.5	95.6	95.9
400	74.5	83.6	85.7	87.6	90.2	91.0	92.9	94.5	95.0	95.8	96.3	96.4	96.7	96.8	97.0	97.3
300	74.5	83.6	85.7	87.6	90.4	91.2	93.2	95.0	95.7	96.6	97.3	97.4	97.8	98.0	98.2	98.5
200	74.5	83.6	85.7	87.7	90.4	91.2	93.3	95.2	96.0	97.0	97.9	98.0	98.6	98.7	99.1	99.5
100	74.5	83.6	85.7	87.7	90.4	91.2	93.3	95.2	96.0	97.1	97.9	98.1	98.7	98.8	99.2	99.7
≥ 0	74.5	83.6	85.7	87.7	90.4	91.2	93.3	95.2	96.0	97.1	97.9	98.1	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	46.9	50.3	50.3	50.9	51.5	51.5	52.0	52.5	52.5	52.6	52.9	52.9	53.2	53.3	53.5	53.8
≥ 20000	48.6	52.2	52.2	52.7	53.3	53.3	53.9	54.3	54.3	54.4	54.7	54.7	55.1	55.2	55.4	55.6
≥ 18000	48.7	52.3	52.3	52.8	53.4	53.4	54.0	54.4	54.4	54.5	54.8	54.8	55.2	55.3	55.5	55.7
≥ 16000	49.2	53.0	53.0	53.5	54.2	54.2	54.7	55.2	55.2	55.3	55.6	55.6	55.9	56.0	56.2	56.5
≥ 14000	50.3	54.1	54.1	54.6	55.3	55.3	55.8	56.2	56.2	56.3	56.7	56.7	57.0	57.1	57.3	57.5
≥ 12000	50.5	54.3	54.3	54.8	55.5	55.5	56.1	56.6	56.6	56.7	57.0	57.0	57.3	57.4	57.6	57.8
≥ 10000	52.8	56.9	56.9	57.4	58.2	58.2	58.8	59.2	59.2	59.4	59.7	59.7	60.0	60.1	60.3	60.5
≥ 9000	53.3	57.4	57.4	58.0	58.7	58.7	59.4	59.8	59.8	59.9	60.2	60.2	60.5	60.6	60.9	61.1
≥ 8000	54.4	58.5	58.5	59.0	59.8	59.8	60.4	60.9	60.9	61.0	61.3	61.3	61.6	61.7	61.9	62.2
≥ 7000	55.6	59.7	59.7	60.2	61.0	61.0	61.6	62.0	62.0	62.2	62.5	62.5	62.8	62.9	63.1	63.3
≥ 6000	57.2	61.3	61.3	61.8	62.6	62.6	63.2	63.7	63.7	63.8	64.1	64.1	64.4	64.5	64.7	64.9
≥ 5000	58.0	62.0	62.0	62.6	63.3	63.3	64.0	64.4	64.4	64.5	64.8	64.8	65.2	65.3	65.5	65.7
≥ 4500	58.6	62.8	62.8	63.3	64.1	64.1	64.7	65.1	65.1	65.5	65.5	65.6	65.9	65.9	66.2	66.3
≥ 4000	58.9	63.2	63.2	63.8	64.5	64.5	65.2	65.6	65.6	66.0	66.0	66.1	66.5	66.5	66.8	66.9
≥ 3500	59.8	64.8	64.8	65.4	66.1	66.1	66.7	67.1	67.1	67.6	67.6	67.7	68.1	68.1	68.4	68.5
≥ 3000	60.5	66.0	66.0	66.6	67.3	67.3	68.0	68.4	68.4	68.9	68.9	69.4	69.4	69.7	69.8	70.0
≥ 2500	61.0	67.0	67.0	67.7	68.5	68.5	69.2	70.1	70.1	70.2	70.5	70.5	70.9	71.0	71.2	71.4
≥ 2000	61.6	68.5	68.5	69.1	70.5	70.5	71.7	72.2	72.2	72.3	72.6	72.6	72.9	73.0	73.2	73.4
≥ 1800	61.9	69.2	69.2	70.3	71.4	71.4	72.6	73.0	73.0	73.1	73.4	73.4	73.8	73.9	74.1	74.3
≥ 1500	63.1	70.2	70.2	72.0	73.1	73.2	74.5	75.1	75.1	75.2	75.5	75.5	75.8	75.9	76.1	76.3
≥ 1200	64.9	74.2	74.2	76.1	77.2	77.5	78.9	79.5	79.5	79.6	79.7	80.0	80.0	80.3	80.4	80.6
≥ 1000	65.2	75.1	75.1	78.0	79.4	80.0	81.5	82.4	82.4	82.9	83.0	83.3	83.3	83.7	83.8	84.0
≥ 900	65.3	75.0	75.0	79.6	81.0	81.7	83.2	84.1	84.1	84.6	84.7	85.1	85.1	85.4	85.5	85.7
≥ 800	65.3	76.6	76.6	81.1	82.7	83.5	85.1	85.9	85.9	86.5	86.8	87.1	87.1	87.4	87.5	87.7
≥ 700	65.3	77.0	77.0	81.9	83.8	84.7	86.6	87.4	87.4	88.0	88.4	88.8	88.8	89.1	89.2	89.3
≥ 600	65.5	77.4	77.4	82.9	85.7	87.0	89.1	90.3	90.3	91.3	92.0	92.5	92.5	92.8	92.9	93.1
≥ 500	65.5	77.5	77.5	83.0	86.2	87.5	90.0	91.9	91.9	92.9	93.8	94.2	94.2	94.5	94.6	94.8
≥ 400	65.5	77.8	77.8	83.3	86.8	88.5	91.3	93.3	93.3	94.6	95.7	96.2	96.3	96.7	96.8	97.0
≥ 300	65.5	77.8	77.8	83.3	86.9	88.6	91.8	93.9	93.9	95.4	96.6	97.1	97.2	97.5	97.6	97.8
≥ 200	65.5	77.8	77.8	83.3	86.9	88.6	91.8	93.9	93.9	95.5	96.9	97.5	97.6	98.1	98.2	98.4
≥ 100	65.5	77.8	77.8	83.3	86.9	88.6	91.8	93.9	93.9	95.5	97.0	97.6	97.7	98.2	98.4	98.7
≥ 0	65.5	77.8	77.8	83.3	86.9	88.6	91.8	93.9	93.9	95.5	97.0	97.6	97.7	98.2	98.4	98.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.T.

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	40.3	50.8	51.3	51.8	52.4	52.4	52.5	52.6	52.7	53.0	53.1	53.1	53.2	53.2	53.5	53.7
IV 20000	48.2	52.7	53.2	53.8	54.3	54.3	54.4	54.5	54.6	54.9	55.1	55.1	55.2	55.2	55.5	55.6
IV 18000	48.2	52.8	53.3	53.9	54.4	54.4	54.5	54.6	54.7	55.1	55.2	55.2	55.3	55.3	55.6	55.7
IV 16000	48.3	53.0	53.5	54.1	54.6	54.6	54.7	54.8	54.9	55.3	55.4	55.4	55.5	55.5	55.8	55.9
IV 14000	48.4	53.1	53.7	54.2	54.7	54.7	54.8	54.9	55.1	55.4	55.5	55.5	55.6	55.6	55.9	56.0
IV 12000	48.9	53.7	54.2	54.7	55.3	55.3	55.4	55.5	55.6	55.9	56.0	56.0	56.1	56.1	56.5	56.6
IV 10000	51.0	56.0	56.6	57.1	57.6	57.6	57.7	57.8	58.0	58.3	58.4	58.4	58.5	58.5	58.8	58.9
IV 9000	51.3	56.3	56.9	57.4	58.0	58.0	58.1	58.2	58.3	58.6	58.7	58.7	58.8	58.8	59.1	59.2
IV 8000	52.8	58.0	58.5	59.0	59.7	59.7	59.9	60.1	60.2	60.5	60.6	60.6	60.8	60.8	61.1	61.2
IV 7000	53.4	58.7	59.2	59.8	60.4	60.4	60.8	61.0	61.1	61.4	61.5	61.5	61.6	61.6	61.9	62.0
IV 6000	54.1	59.6	60.1	60.6	61.3	61.3	61.6	61.8	62.0	62.4	62.5	62.5	62.6	62.6	62.9	63.0
IV 5000	54.9	60.4	61.0	61.6	62.3	62.3	62.6	62.8	63.0	63.3	63.4	63.4	63.5	63.5	63.9	64.0
IV 4500	55.4	60.9	61.4	62.0	62.7	62.7	63.0	63.2	63.4	63.8	63.9	63.9	64.0	64.0	64.3	64.4
IV 4000	56.7	62.3	62.8	63.5	64.2	64.2	64.5	64.7	64.9	65.3	65.4	65.4	65.5	65.5	65.8	65.9
IV 3500	57.0	63.0	63.5	64.3	64.9	64.9	65.3	65.5	65.7	66.0	66.1	66.1	66.2	66.2	66.6	66.7
IV 3000	58.0	64.2	64.8	65.6	66.2	66.2	66.6	66.8	67.0	67.3	67.4	67.4	67.5	67.5	67.8	68.0
IV 2500	58.2	65.3	65.9	66.8	67.4	67.4	67.7	68.0	68.2	68.5	68.6	68.6	68.7	68.7	69.0	69.1
IV 2000	59.6	67.3	68.0	68.9	69.9	69.9	70.3	70.5	70.9	71.2	71.3	71.3	71.4	71.4	71.7	71.8
IV 1800	59.8	67.7	68.6	69.7	70.8	70.8	71.2	71.4	71.7	72.0	72.2	72.2	72.3	72.3	72.6	72.7
IV 1500	60.5	69.4	70.8	71.8	73.2	73.2	73.8	74.1	74.4	74.7	74.8	74.8	74.9	74.9	75.3	75.4
IV 1200	61.5	71.5	73.0	74.1	76.2	76.3	77.1	77.5	77.8	78.2	78.3	78.3	78.4	78.4	78.7	78.8
IV 1000	61.6	71.9	73.2	75.5	77.7	78.0	79.2	79.8	80.4	80.8	80.9	80.9	81.0	81.0	81.3	81.4
IV 900	61.7	73.1	75.8	77.3	79.7	80.0	81.3	81.9	82.8	83.1	83.2	83.2	83.3	83.3	83.7	83.8
IV 800	62.0	73.7	76.7	78.4	81.1	81.4	82.8	83.5	84.6	84.9	85.1	85.1	85.4	85.4	85.7	85.8
IV 700	62.2	74.2	77.4	79.5	82.6	83.3	84.8	85.9	87.0	87.3	87.7	87.7	87.8	87.8	88.2	88.3
IV 600	62.2	74.3	77.5	79.8	83.2	84.2	85.9	87.1	88.4	88.9	89.7	89.7	89.8	89.8	90.1	90.2
IV 500	62.2	74.4	77.6	80.4	84.3	85.5	87.5	89.5	90.9	91.4	92.2	92.3	92.4	92.5	92.8	92.9
IV 400	62.2	74.4	77.7	81.1	85.1	86.6	89.2	91.5	93.0	93.8	94.6	94.8	94.9	95.1	95.4	95.5
IV 300	62.2	74.4	77.7	81.1	85.1	86.8	89.6	91.9	93.7	94.8	95.9	96.1	96.3	96.6	96.9	97.2
IV 200	62.2	74.4	77.7	81.1	85.2	86.9	89.7	92.0	94.0	95.5	96.6	96.8	97.0	97.2	97.7	98.3
IV 100	62.2	74.4	77.7	81.1	85.2	86.9	89.7	92.0	94.0	95.5	96.6	96.8	97.2	97.4	98.1	99.1
IV 0	62.2	74.4	77.7	81.1	85.2	86.9	89.7	92.0	94.0	95.5	96.6	96.8	97.2	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE 68-77 YEAR MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	42.3	46.3	47.4	47.6	48.2	48.2	48.4	48.5	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.9
≥ 20000	46.0	50.1	51.2	51.4	51.9	51.9	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8	52.8	53.0
≥ 18000	46.3	50.5	51.6	51.8	52.4	52.4	52.9	53.0	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.4
≥ 16000	46.7	50.9	51.9	52.2	52.7	52.7	53.2	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.8
≥ 14000	47.4	51.6	52.7	52.9	53.4	53.4	54.0	54.1	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.5
≥ 12000	48.5	52.7	53.8	54.0	54.5	54.5	55.1	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.6
≥ 10000	50.6	55.1	56.1	56.3	56.9	56.9	57.4	57.5	57.5	57.5	57.6	57.6	57.7	57.7	57.7	58.0
≥ 9000	50.6	55.1	56.1	56.3	56.9	56.9	57.4	57.5	57.5	57.5	57.6	57.6	57.7	57.7	57.7	58.0
≥ 8000	52.3	57.1	58.2	58.4	58.9	58.9	59.5	59.6	59.6	59.6	59.7	59.7	59.8	59.8	59.8	60.0
≥ 7000	53.3	58.4	59.5	59.7	60.2	60.2	60.8	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.3
≥ 6000	54.4	59.8	60.9	61.1	61.6	61.7	62.3	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.8
≥ 5000	55.1	60.6	61.8	62.0	62.6	62.7	63.2	63.3	63.3	63.3	63.4	63.4	63.5	63.5	63.5	63.8
≥ 4500	55.5	61.1	62.3	62.5	63.0	63.1	63.7	63.8	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.2
≥ 4000	56.5	62.0	63.3	63.8	64.4	64.5	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.6
≥ 3500	57.3	62.9	64.2	64.6	65.3	65.4	65.9	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.5
≥ 3000	58.1	64.2	65.6	66.0	66.7	66.8	67.3	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.8
≥ 2500	59.0	66.2	68.0	68.5	69.1	69.2	69.8	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.4
≥ 2000	60.8	68.4	70.4	71.1	71.8	71.9	72.7	72.9	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.4
≥ 1800	61.0	68.6	70.6	71.3	72.0	72.2	72.9	73.1	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.7
≥ 1500	61.4	69.0	71.9	72.9	74.1	74.2	75.2	75.7	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.2
≥ 1200	62.0	72.3	74.9	75.9	77.3	77.5	78.5	79.1	79.2	79.2	79.5	79.5	79.7	79.7	79.7	79.9
≥ 1000	62.2	73.1	76.1	77.5	79.1	79.5	80.6	81.5	81.6	81.7	81.9	81.9	82.2	82.2	82.2	82.6
≥ 900	62.2	74.3	78.0	79.9	81.7	82.0	83.3	84.2	84.3	84.5	84.7	84.7	84.9	84.9	84.9	85.2
≥ 800	62.4	74.9	79.1	81.3	83.3	83.7	84.9	85.9	86.0	86.3	86.8	86.9	87.2	87.2	87.2	87.4
≥ 700	62.4	74.9	79.5	81.7	84.2	84.7	86.5	87.5	87.6	88.0	88.4	88.5	88.9	88.9	88.9	89.1
≥ 600	62.4	74.9	79.7	82.3	85.1	85.8	87.8	89.2	89.4	90.0	90.8	90.9	91.4	91.4	91.4	91.6
≥ 500	62.4	74.9	79.9	82.5	85.4	86.3	88.8	91.2	91.4	92.3	93.0	93.1	93.7	93.7	93.7	93.9
≥ 400	62.4	75.1	80.0	82.6	85.7	86.9	90.1	92.7	92.9	94.1	94.8	94.9	95.5	95.5	95.5	95.7
≥ 300	62.4	75.2	80.1	82.7	86.0	87.2	90.8	93.8	94.2	95.5	96.3	96.5	97.1	97.1	97.2	97.8
≥ 200	62.4	75.2	80.1	82.7	86.0	87.2	90.8	93.8	94.2	95.6	96.7	96.8	97.8	98.0	98.1	98.7
≥ 100	62.4	75.2	80.1	82.7	86.0	87.2	90.8	93.8	94.2	95.6	96.7	96.8	97.8	98.0	98.1	98.7
≥ 0	62.4	75.2	80.1	82.7	86.0	87.2	90.8	93.8	94.2	95.6	96.7	96.8	98.0	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

08-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	38.8	44.2	44.9	45.5	45.9	46.0	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	47.1
≥ 20000	43.9	49.4	50.4	51.0	51.5	51.6	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.7
≥ 18000	44.2	49.7	50.8	51.3	51.6	51.9	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	53.0
≥ 16000	44.4	49.9	51.0	51.5	52.0	52.2	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.2
≥ 14000	44.7	50.2	51.4	51.9	52.5	52.6	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.7
≥ 12000	46.1	52.0	53.2	53.8	54.3	54.4	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.5
≥ 10000	48.1	54.2	55.4	56.0	56.6	56.7	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.7
≥ 9000	48.7	54.8	56.0	56.7	57.2	57.3	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.4
≥ 8000	49.5	55.9	57.1	57.7	58.3	58.4	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.5
≥ 7000	49.8	56.3	57.5	58.2	58.7	58.8	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.9
≥ 6000	50.8	57.7	58.9	59.6	60.1	60.2	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.4
≥ 5000	51.8	59.1	60.3	61.0	61.5	61.7	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.9
≥ 4500	52.2	59.5	60.6	61.3	61.8	62.0	62.7	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	63.3
≥ 4000	52.6	60.0	61.2	61.9	62.6	62.8	63.4	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	64.1
≥ 3500	53.4	61.0	62.2	62.9	63.5	63.8	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	65.1
≥ 3000	54.6	62.3	63.5	64.3	64.9	65.2	65.8	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.6
≥ 2500	55.7	63.7	65.6	66.6	67.2	67.4	68.2	68.2	68.3	68.7	68.7	68.7	68.7	68.7	68.7	69.1
≥ 2000	57.5	66.6	68.7	70.1	70.8	71.0	71.8	71.9	72.2	72.7	72.7	72.7	72.7	72.7	72.7	73.1
≥ 1800	58.0	67.1	69.2	70.6	71.4	71.6	72.5	72.6	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.8
≥ 1500	58.6	68.3	70.9	72.4	73.2	73.4	74.3	74.7	75.1	75.6	75.6	75.6	75.8	75.8	75.8	76.2
≥ 1200	59.1	70.0	72.9	74.7	75.8	76.1	77.2	77.7	78.1	78.7	78.8	78.8	79.0	79.0	79.0	79.5
≥ 1000	59.8	71.5	74.6	77.5	78.8	79.1	80.6	81.5	82.0	82.7	83.3	83.4	83.9	83.9	83.9	84.3
≥ 900	60.0	72.5	76.0	79.2	80.8	81.3	82.9	84.0	84.5	85.2	85.9	86.0	86.5	86.5	86.5	86.9
≥ 800	60.1	73.8	77.4	81.1	82.9	83.5	85.3	86.5	87.1	87.8	88.8	88.9	89.4	89.4	89.4	89.8
≥ 700	60.2	74.0	77.6	81.4	83.5	84.3	86.0	87.6	88.3	89.1	90.3	90.4	90.9	90.9	90.9	91.3
≥ 600	60.2	74.1	77.7	81.9	84.7	85.7	87.6	89.8	90.4	91.4	92.8	92.9	93.3	93.3	93.3	93.8
≥ 500	60.2	74.1	77.7	82.0	85.1	86.3	88.4	91.0	91.7	93.0	94.5	94.6	95.1	95.1	95.2	95.6
≥ 400	60.2	74.1	77.7	82.0	85.1	86.5	88.7	92.0	92.9	94.3	96.1	96.2	96.8	96.8	97.0	97.5
≥ 300	60.2	74.1	77.7	82.0	85.1	86.6	89.0	92.5	93.4	95.1	97.2	97.3	97.8	97.8	98.1	98.8
≥ 200	60.2	74.1	77.7	82.0	85.1	86.6	89.0	92.5	93.4	95.2	97.5	97.6	98.2	98.3	98.5	99.5
≥ 100	60.2	74.1	77.7	82.0	85.1	86.6	89.0	92.5	93.4	95.2	97.5	97.6	98.2	98.4	98.7	100.0
≥ 0	60.2	74.1	77.7	82.0	85.1	86.6	89.0	92.5	93.4	95.2	97.5	97.6	98.2	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

8-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, U.S.T.

CEILING, FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0.25	≥ 0.2	≥ 0
NO. CEILING	42.8	45.7	46.3	46.6	46.8	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.6	47.6	47.6	47.6
≥ 20000	47.5	50.9	51.5	51.7	51.9	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.8	52.8	52.8	52.8
≥ 18000	48.1	51.4	52.0	52.3	52.5	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.3	53.3	53.3	53.3
> 16000	48.4	51.8	52.5	52.7	52.9	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.8	53.8	53.8	53.8
≥ 14000	49.1	52.7	53.3	53.5	53.8	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.6	54.6	54.6	54.6
≥ 12000	50.8	54.3	54.9	55.2	55.5	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.3	56.3	56.3	56.3
≥ 10000	54.3	58.4	59.1	59.4	59.7	60.0	60.1	60.2	60.2	60.2	60.3	60.3	60.6	60.6	60.6	60.6
> 9000	54.8	59.0	59.8	60.0	60.3	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.3	61.3	61.3	61.3
≥ 8000	55.9	60.3	61.4	61.6	62.0	62.4	62.6	62.7	62.7	62.7	62.8	62.8	63.1	63.1	63.1	63.1
> 7000	56.1	60.9	61.9	62.2	62.6	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.7	63.7	63.7	63.7
≥ 6000	56.9	61.6	62.7	62.9	63.3	63.7	63.9	64.0	64.0	64.0	64.1	64.1	64.4	64.4	64.4	64.4
≥ 5000	58.0	63.0	64.1	64.4	64.8	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.9	65.9	65.9	65.9
≥ 4500	58.5	63.7	64.7	65.1	65.5	65.8	66.0	66.1	66.1	66.1	66.2	66.2	66.6	66.6	66.6	66.6
≥ 4000	59.1	64.4	65.5	65.8	66.2	66.6	66.8	66.9	66.9	66.9	67.0	67.0	67.3	67.3	67.3	67.3
≥ 3500	59.5	64.9	66.3	66.7	67.1	67.4	67.6	67.7	67.7	67.7	67.8	67.8	68.2	68.2	68.2	68.2
> 3000	60.3	66.1	67.5	68.0	68.4	68.9	69.1	69.2	69.2	69.2	69.4	69.4	69.7	69.7	69.7	69.7
≥ 2500	61.1	68.1	69.7	70.1	70.8	71.1	71.3	71.8	71.9	71.9	72.0	72.0	72.4	72.4	72.4	72.4
> 2000	63.9	72.3	74.0	74.4	75.5	75.8	76.0	76.7	76.9	77.0	77.1	77.1	77.4	77.4	77.4	77.4
≥ 1800	64.0	72.8	74.5	75.1	76.1	76.6	76.8	77.4	77.6	77.7	77.8	77.8	78.2	78.2	78.2	78.2
≥ 1500	64.9	74.5	76.2	76.9	78.4	78.8	79.5	80.2	80.5	80.8	80.9	80.9	81.3	81.3	81.3	81.3
≥ 1200	65.3	75.9	77.6	78.8	80.4	80.9	81.6	82.7	83.2	83.4	83.5	83.5	84.0	84.0	84.0	84.0
≥ 1000	65.6	78.2	80.3	82.0	83.7	84.1	85.2	86.5	87.0	87.4	87.6	87.6	88.2	88.2	88.2	88.2
≥ 900	65.6	78.6	80.9	82.8	84.5	84.9	86.2	87.5	88.1	88.6	88.8	88.8	89.5	89.5	89.5	89.5
> 800	65.6	79.6	82.0	84.3	86.1	86.7	88.2	89.7	90.4	91.0	91.2	91.2	91.9	91.9	91.9	91.9
≥ 700	65.6	79.7	82.4	84.8	86.7	87.4	89.1	91.2	92.0	92.7	93.0	93.0	93.9	93.9	93.9	93.9
≥ 600	65.6	79.8	82.7	85.4	87.5	88.2	90.1	92.5	93.4	94.3	94.7	94.7	95.6	95.6	95.6	95.6
≥ 500	65.6	79.8	82.8	85.5	87.6	88.4	90.5	93.1	94.1	95.1	95.6	95.6	96.6	96.6	96.6	96.6
> 400	65.6	79.8	82.8	85.6	88.0	88.7	91.1	94.0	95.1	96.0	96.7	96.7	97.7	97.7	97.7	97.7
≥ 300	65.6	79.8	82.8	85.6	88.0	88.7	91.1	94.0	95.6	97.0	97.7	97.7	99.1	99.5	99.5	99.5
≥ 200	65.6	79.8	82.8	85.6	88.0	88.7	91.1	94.0	95.6	97.0	97.7	97.7	99.1	99.5	99.5	99.5
≥ 100	65.6	79.8	82.8	85.6	88.0	88.7	91.1	94.0	95.6	97.0	97.7	97.7	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

R-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	42.7	45.4	46.0	46.3	46.9	47.1	47.1	47.2	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5
≥ 20000	46.9	50.0	50.6	51.0	51.6	51.8	51.8	51.9	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3
≥ 18000	47.7	50.9	51.5	51.8	52.5	52.7	52.7	52.8	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 16000	47.8	51.2	51.8	52.2	52.8	53.0	53.0	53.1	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4
≥ 14000	49.0	52.4	53.0	53.4	54.1	54.3	54.3	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7
≥ 12000	51.1	54.5	55.2	55.7	56.3	56.6	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 10000	54.5	58.4	59.1	59.6	60.3	60.5	60.5	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 9000	55.2	59.1	59.9	60.3	61.1	61.3	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 8000	56.6	60.8	61.5	61.9	62.7	62.9	62.9	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 7000	56.8	61.1	61.8	62.3	63.0	63.2	63.2	63.3	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.7
≥ 6000	57.2	61.5	62.3	62.7	63.4	63.7	63.7	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 5000	57.4	62.4	63.1	63.8	64.5	64.7	64.7	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2
≥ 4500	58.0	62.9	63.7	64.3	65.1	65.3	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 4000	58.6	63.5	64.3	64.9	65.7	65.9	65.9	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 3500	59.2	64.2	64.9	65.6	66.3	66.6	66.6	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 3000	60.3	65.8	66.9	67.5	68.5	68.7	68.7	68.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 2500	61.5	67.6	68.7	69.7	70.8	71.2	71.4	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 2000	64.2	70.8	72.2	73.5	74.6	75.2	75.5	76.2	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 1800	64.5	71.7	73.2	74.9	76.0	76.7	77.0	77.7	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥ 1500	66.7	74.8	76.8	78.6	80.0	80.8	81.1	81.8	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1200	67.3	75.8	79.0	81.6	83.5	84.3	84.8	85.8	86.2	86.5	86.7	86.7	86.9	86.9	86.9	86.9
≥ 1000	67.3	77.7	80.6	83.0	85.5	86.2	87.1	88.1	88.5	88.7	88.9	88.9	89.1	89.1	89.1	89.1
≥ 900	67.3	77.7	80.8	83.1	85.7	86.5	87.4	88.4	88.8	89.0	89.4	89.4	89.6	89.6	89.6	89.6
≥ 800	67.4	78.1	81.1	83.4	86.2	87.3	88.3	89.2	89.7	89.9	90.2	90.3	90.5	90.5	90.6	90.6
≥ 700	67.4	78.1	81.1	83.4	86.5	87.6	88.8	91.2	91.6	92.0	92.4	92.5	92.7	92.7	92.8	92.8
≥ 600	67.4	78.2	81.6	84.0	87.2	88.4	90.0	92.9	93.3	93.9	94.3	94.4	94.6	94.6	94.7	94.7
≥ 500	67.4	78.7	82.3	84.7	88.0	89.2	91.0	94.3	95.2	95.9	96.3	96.5	96.9	97.0	97.1	97.1
≥ 400	67.4	78.8	82.4	85.1	88.4	89.7	91.4	94.7	95.6	96.3	96.9	97.0	97.4	97.5	97.6	97.7
≥ 300	67.4	78.8	82.4	85.1	88.6	89.9	91.6	95.1	96.0	97.1	97.8	98.0	98.5	98.6	98.7	98.8
≥ 200	67.4	78.8	82.4	85.1	88.6	89.9	91.6	95.1	96.1	97.4	98.5	98.6	99.2	99.4	99.6	99.8
≥ 100	67.4	78.8	82.4	85.1	88.6	89.9	91.6	95.1	96.1	97.4	98.5	98.6	99.2	99.4	99.6	99.9
≥ 0	67.4	78.8	82.4	85.1	88.6	89.9	91.6	95.1	96.1	97.4	98.5	98.6	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE 8-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	45.3	48.3	49.1	49.9	50.4	50.4	50.5	50.6	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	48.3	51.4	52.3	53.1	53.8	53.8	54.9	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	48.8	52.2	53.0	53.9	54.5	54.5	54.6	54.7	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	49.1	52.5	53.3	54.2	54.8	54.8	54.9	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	50.2	53.7	54.5	55.4	56.1	56.1	56.2	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	51.7	55.3	56.1	57.0	57.7	57.7	57.8	58.0	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	53.5	57.3	58.2	59.0	59.9	59.9	60.0	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	53.7	57.5	58.4	59.2	60.1	60.1	60.2	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	55.2	59.2	60.3	61.2	62.0	62.0	62.2	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	55.9	60.0	61.1	61.9	62.8	62.8	62.9	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	57.1	61.7	62.4	63.2	64.1	64.1	64.2	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	57.5	61.7	63.0	64.0	64.8	64.8	64.9	65.1	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	58.0	62.2	63.5	64.5	65.4	65.4	65.5	65.6	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4000	59.0	63.4	64.8	65.8	66.7	66.7	66.8	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500	60.0	64.7	66.2	67.2	68.1	68.1	68.2	68.3	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	60.4	65.5	67.0	68.1	68.9	68.9	69.0	69.1	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2500	62.2	67.6	69.1	70.2	71.3	71.3	71.4	71.5	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	64.5	71.4	73.0	74.4	75.7	75.7	75.8	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1800	65.5	72.9	74.6	76.2	77.8	77.8	78.1	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1500	67.7	75.7	77.7	79.7	81.3	81.4	81.7	81.8	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1200	68.4	77.0	79.4	82.0	83.8	84.0	84.3	84.4	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	69.1	78.1	80.5	84.2	86.5	86.7	87.1	87.4	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	69.1	78.7	80.8	84.4	86.7	87.2	87.7	88.3	88.8	89.1	89.3	89.6	89.6	89.6	89.6	89.6
≥ 800	69.1	78.6	81.2	85.4	87.8	88.5	89.2	89.8	90.3	90.6	91.0	91.1	91.1	91.1	91.1	91.1
≥ 700	69.1	78.6	81.2	85.8	88.5	89.1	90.6	91.6	92.2	92.6	92.9	93.0	93.0	93.0	93.0	93.0
≥ 600	69.1	78.7	81.3	86.6	89.4	90.3	91.9	92.9	93.4	94.0	94.3	94.4	94.4	94.4	94.4	94.4
≥ 500	69.1	78.7	81.3	86.7	89.7	90.8	92.5	93.8	94.4	95.1	95.4	95.5	95.6	95.6	95.6	95.6
≥ 400	69.1	78.7	81.6	87.1	90.1	91.2	92.9	94.4	95.1	95.7	96.2	96.3	96.6	96.6	96.6	96.6
≥ 300	69.1	79.0	81.9	87.5	90.5	91.6	93.4	95.7	96.5	97.1	97.7	97.8	98.1	98.1	98.1	98.1
≥ 200	69.1	79.0	81.9	87.5	90.5	91.6	93.4	96.0	96.9	97.6	98.4	98.8	99.5	99.5	99.5	99.5
≥ 100	69.1	79.0	81.9	87.5	90.5	91.6	93.4	96.0	96.9	97.6	98.4	98.8	99.5	99.5	99.5	100.0
≥ 0	69.1	79.0	81.9	87.5	90.5	91.6	93.4	96.0	96.9	97.6	98.4	98.8	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.5	≥1	≥.7	≥.5	≥.4	≥.3	≥.2	≥0
NO CEILING	45.5	47.7	48.6	48.8	49.4	49.5	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.4	50.4	51.0
≥ 20000	48.0	50.6	51.5	51.8	52.4	52.5	53.1	53.2	53.2	53.2	53.7	53.3	53.3	53.4	53.4	54.0
≥ 18000	48.3	51.0	51.8	52.2	52.7	52.8	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.8	53.8	54.3
≥ 16000	48.9	51.7	52.6	52.9	53.4	53.5	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.5	55.1
≥ 14000	50.2	53.0	53.9	54.2	54.7	54.8	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.8	55.8	56.3
≥ 12000	51.4	54.2	55.1	55.4	55.9	56.0	56.7	56.8	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.5
≥ 10000	53.0	55.8	56.7	57.0	57.8	58.0	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.9	59.5
≥ 9000	53.1	55.9	56.8	57.1	58.0	58.1	58.7	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.6
≥ 8000	54.4	57.3	58.3	58.6	59.5	59.6	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	61.1
≥ 7000	55.9	58.9	59.9	60.2	61.1	61.2	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.7
≥ 6000	56.7	59.8	60.8	61.3	62.3	62.4	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.9
≥ 5000	57.4	60.9	61.9	62.6	63.5	63.7	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.6	65.2
≥ 4500	57.7	61.3	62.4	63.0	64.0	64.1	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.6
≥ 4000	58.9	62.9	64.0	64.6	65.6	65.7	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7	67.2
≥ 3500	59.4	64.0	65.1	65.7	66.8	66.9	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.8	68.4
≥ 3000	60.5	65.4	66.6	67.2	68.5	68.6	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	70.3
≥ 2500	62.2	67.8	69.1	69.9	71.3	71.5	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.7	72.7	73.2
≥ 2000	63.8	70.4	71.7	72.6	74.1	74.3	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.6	75.6	76.1
≥ 1800	64.5	71.8	73.1	74.0	75.5	75.8	76.6	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.6
≥ 1500	66.2	74.3	75.8	76.8	78.3	78.8	79.6	79.8	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.8
≥ 1200	67.6	77.7	78.9	80.2	82.2	82.7	83.4	83.8	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.8
≥ 1000	68.1	78.0	79.8	81.8	83.9	84.6	85.8	86.1	86.5	86.6	86.7	86.7	86.7	86.8	86.8	87.3
≥ 900	68.3	78.4	80.2	82.7	84.8	85.6	86.8	87.2	87.5	87.6	87.7	87.7	87.7	87.8	87.8	88.4
≥ 800	68.3	79.1	81.2	84.1	86.6	87.4	88.8	89.4	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.6
≥ 700	68.3	79.5	81.7	84.9	87.6	88.5	89.9	90.6	91.1	91.3	91.4	91.4	91.4	91.5	91.5	92.0
≥ 600	68.3	79.5	82.2	85.5	88.7	89.7	91.5	92.3	93.0	93.2	93.3	93.3	93.3	93.4	93.4	94.0
≥ 500	68.3	79.6	82.3	85.6	89.0	90.1	92.0	93.0	94.0	94.2	94.3	94.4	94.4	94.4	94.5	95.1
≥ 400	68.3	79.9	82.6	86.0	89.6	90.8	92.9	94.3	95.4	95.7	95.9	96.0	96.0	96.1	96.1	96.7
≥ 300	68.3	79.9	82.6	86.0	89.9	91.1	93.4	95.5	96.9	97.3	97.5	97.6	97.7	97.8	97.8	98.4
≥ 200	68.3	79.9	82.6	86.0	89.9	91.1	93.4	95.6	97.4	97.8	98.1	98.2	98.0	98.8	98.8	99.4
≥ 100	68.3	79.9	82.6	86.0	89.9	91.1	93.4	95.7	97.4	98.0	98.3	98.4	98.9	99.1	99.1	99.7
≥ 0	68.3	79.9	82.6	86.0	89.9	91.1	93.4	95.8	97.6	98.2	98.5	98.6	99.1	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING - FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1.5	≥1	≥1.5	≥1	≥1.5	≥1	≥0
NO CEILING	43.8	47.3	48.0	48.4	48.9	49.0	49.3	49.4	49.5	49.6	49.7	49.7	49.8	49.8	49.9	50.1
≥ 20000	47.2	50.9	51.8	52.1	52.6	52.7	53.0	53.1	53.2	53.3	53.4	53.4	53.5	53.5	53.6	53.8
IV 18000	47.5	51.3	52.0	52.5	53.0	53.1	53.4	53.6	53.6	53.7	53.8	53.8	53.9	54.0	54.0	54.2
IV 16000	47.9	51.7	52.5	52.9	53.4	53.5	53.9	54.0	54.0	54.1	54.2	54.2	54.3	54.4	54.4	54.6
IV 14000	48.7	52.6	53.3	53.8	54.3	54.4	54.7	54.9	54.9	55.0	55.1	55.1	55.2	55.3	55.3	55.5
IV 12000	49.9	53.9	54.6	55.1	55.6	55.7	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.6	56.6	56.8
IV 10000	52.2	56.5	57.3	57.7	58.4	58.5	58.8	58.9	59.0	59.1	59.2	59.2	59.3	59.3	59.4	59.6
IV 9000	52.6	56.9	57.7	58.1	58.8	58.9	59.2	59.3	59.4	59.5	59.6	59.6	59.7	59.7	59.8	60.0
IV 8000	53.9	58.4	59.2	59.7	60.4	60.5	60.8	61.0	61.0	61.1	61.2	61.2	61.3	61.4	61.4	61.6
IV 7000	54.6	59.2	60.1	60.6	61.2	61.3	61.7	61.8	61.9	62.0	62.1	62.1	62.2	62.2	62.3	62.5
IV 6000	55.5	60.3	61.2	61.7	62.3	62.4	62.8	63.0	63.0	63.1	63.2	63.2	63.4	63.4	63.5	63.6
IV 5000	56.3	61.3	62.2	62.7	63.4	63.5	63.9	64.1	64.2	64.2	64.4	64.4	64.5	64.5	64.6	64.8
IV 4500	56.7	61.8	62.7	63.3	63.9	64.1	64.5	64.6	64.7	64.8	64.9	64.9	65.0	65.1	65.1	65.3
IV 4000	57.5	62.7	63.6	64.3	65.0	65.1	65.6	65.7	65.8	65.9	66.0	66.0	66.1	66.1	66.2	66.4
IV 3500	58.2	63.7	64.7	65.3	66.0	66.1	66.6	66.7	66.8	66.9	67.0	67.0	67.2	67.2	67.2	67.4
IV 3000	59.1	64.9	66.0	66.7	67.5	67.6	68.1	68.2	68.3	68.4	68.5	68.5	68.6	68.7	68.7	68.9
IV 2500	60.1	66.7	67.9	68.7	69.5	69.7	70.2	70.4	70.6	70.7	70.8	70.8	70.9	70.9	71.0	71.2
IV 2000	62.0	69.4	70.9	71.8	72.9	73.0	73.6	73.9	74.1	74.3	74.4	74.4	74.5	74.6	74.6	74.8
IV 1800	62.4	70.7	71.7	72.8	73.9	74.1	74.7	75.0	75.2	75.4	75.5	75.5	75.6	75.6	75.7	75.9
IV 1500	63.7	72.2	73.9	75.1	76.5	76.7	77.4	77.9	78.1	78.3	78.5	78.5	78.6	78.6	78.7	78.9
IV 1200	64.3	74.4	76.5	77.9	79.6	79.9	80.7	81.3	81.6	81.9	82.0	82.0	82.2	82.2	82.3	82.5
IV 1000	64.9	75.4	77.9	79.9	81.8	82.3	83.4	84.2	84.6	84.9	85.1	85.1	85.4	85.4	85.5	85.7
IV 900	64.9	76.1	78.8	81.1	83.1	83.7	84.9	85.7	86.2	86.5	86.8	86.8	87.1	87.1	87.2	87.3
IV 800	65.0	76.8	79.7	82.4	84.6	85.3	86.6	87.5	88.1	88.4	88.8	88.8	89.1	89.1	89.2	89.4
IV 700	65.1	77.0	80.1	82.9	85.4	86.2	87.8	89.1	89.7	90.2	90.6	90.7	91.0	91.0	91.1	91.3
IV 600	65.1	77.1	80.4	83.5	86.4	87.4	89.3	90.9	91.6	92.2	92.4	92.8	93.2	93.2	93.3	93.5
IV 500	65.1	77.2	80.6	83.8	86.9	88.0	90.1	92.2	93.1	93.8	94.4	94.5	94.9	95.0	95.1	95.3
IV 400	65.1	77.3	80.7	84.1	87.3	88.6	91.0	93.4	94.3	95.2	95.9	96.0	96.5	96.5	96.7	96.9
IV 300	65.1	77.4	80.8	84.2	87.5	88.8	91.3	94.0	95.2	96.3	97.1	97.2	97.7	97.8	97.9	98.3
IV 200	65.1	77.4	80.8	84.2	87.5	88.8	91.4	94.1	95.4	96.6	97.6	97.8	98.4	98.6	98.8	99.2
IV 100	65.1	77.4	80.8	84.2	87.5	88.8	91.4	94.1	95.4	96.7	97.7	97.8	98.5	98.7	99.0	99.7
IV 0	65.1	77.4	80.8	84.2	87.5	88.8	91.4	94.1	95.4	96.7	97.7	97.8	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

48-78
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	55.9	56.7	57.3	57.7	58.1	58.1	58.3	58.4	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.8
≥ 20000	58.0	61.1	61.7	62.1	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.3
≥ 18000	58.3	61.5	62.1	62.5	62.9	63.0	63.2	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.6	63.7
IV 16000	58.6	61.8	62.4	62.8	63.2	63.3	63.5	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	64.1
IV 14000	59.6	62.8	63.5	63.9	64.3	64.4	64.6	64.7	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.1
IV 12000	61.2	64.6	65.2	65.6	66.1	66.2	66.4	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.9
IV 10000	63.8	67.4	68.1	68.6	69.0	69.2	69.4	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.9
IV 9000	64.4	68.0	68.7	69.2	69.6	69.7	70.0	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.5
≥ 8000	66.1	69.9	70.6	71.1	71.6	71.7	71.9	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.4	72.5
IV 7000	67.1	71.1	71.8	72.3	72.8	72.9	73.2	73.3	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.7
IV 6000	68.4	72.5	73.3	73.9	74.3	74.5	74.7	74.8	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.3
IV 5000	70.1	74.6	75.5	76.1	76.6	76.7	77.0	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.6
IV 4500	70.7	75.3	76.2	76.8	77.4	77.5	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.4
IV 4000	72.1	77.0	77.9	78.6	79.1	79.3	79.6	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.2
IV 3500	73.1	78.1	79.0	79.7	80.3	80.5	80.8	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.3	81.4
IV 3000	74.5	79.8	80.8	81.6	82.2	82.4	82.7	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.4
IV 2500	75.6	81.2	82.3	83.1	83.8	84.0	84.4	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.9	85.0
IV 2000	76.9	83.0	84.2	85.1	85.9	86.1	86.5	86.7	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.3
IV 1800	77.3	83.5	84.8	85.7	86.6	86.8	87.2	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.8	87.9
IV 1500	78.1	84.9	86.3	87.3	88.3	88.6	89.0	89.3	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.9
IV 1200	78.8	86.2	87.8	88.9	90.0	90.3	90.8	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.9
IV 1000	79.2	87.0	88.8	90.2	91.4	91.8	92.5	92.9	93.1	93.3	93.4	93.4	93.5	93.5	93.6	93.7
IV 900	79.3	87.4	89.2	90.7	92.0	92.4	93.1	93.6	93.8	94.0	94.2	94.2	94.3	94.3	94.4	94.5
IV 800	79.4	87.7	89.7	91.2	92.7	93.2	94.0	94.5	94.8	95.0	95.2	95.2	95.3	95.3	95.4	95.5
IV 700	79.4	87.9	89.9	91.6	93.2	93.7	94.6	95.3	95.5	95.8	96.0	96.1	96.2	96.2	96.3	96.4
IV 600	79.5	88.0	90.1	91.9	93.7	94.2	95.2	96.0	96.3	96.7	96.9	96.9	97.1	97.1	97.1	97.3
IV 500	79.5	88.1	90.2	92.0	93.9	94.5	95.6	96.6	96.9	97.4	97.6	97.7	97.8	97.9	97.9	98.1
IV 400	79.5	88.1	90.2	92.1	94.1	94.7	95.9	97.0	97.4	97.9	98.1	98.3	98.5	98.6	98.6	98.8
IV 300	79.5	88.1	90.2	92.1	94.1	94.8	96.1	97.2	97.7	98.3	98.7	98.7	99.0	99.0	99.1	99.3
IV 200	79.5	88.1	90.2	92.2	94.1	94.8	96.1	97.3	97.8	98.4	98.9	99.0	99.3	99.4	99.5	99.7
IV 100	79.5	88.1	90.2	92.2	94.1	94.8	96.1	97.3	97.9	98.5	98.9	99.0	99.3	99.4	99.6	99.9
IV 0	79.5	88.1	90.2	92.2	94.1	94.8	96.1	97.3	97.9	98.5	98.9	99.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87640

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949 OFFUTT AFB NE

71-78

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
APR	00-02	28.6			18.3						17.9	35.1	5.7	720	
	03-05	25.7			21.3						17.2	35.7	5.8	719	
	06-08	15.2			19.7						22.9	42.3	6.9	717	
	09-11	15.2			21.1						21.0	42.7	6.8	719	
	12-14	14.4			16.7						26.4	42.5	7.1	720	
	15-17	13.0			18.9						25.8	40.3	6.9	720	
	18-20	14.4			22.6						22.1	40.8	6.8	720	
	21-23	27.9			16.7						19.6	35.5	5.8	720	
TOTALS		19.6			19.4						21.6	39.4	6.5	5755	

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE
STATION NAME

71-78
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9	10				
MAY	00-02	29.6			24.5								15.2	30.7	5.2	743
	03-05	21.5			26.3								20.6	31.6	5.8	741
	06-08	16.4			21.0								24.9	37.0	6.6	746
	09-11	13.4			23.7								24.1	38.8	6.8	746
	12-14	9.9			24.3								29.7	36.0	7.0	746
	15-17	9.0			28.2								27.3	35.5	6.9	744
	18-20	12.5			27.0								28.0	31.9	6.5	743
	21-23	25.8			26.2								19.8	28.1	5.9	743
	TOTALS	17.3			25.3								23.7	33.7	6.3	5946

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE
STATION NAME

71-78
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	32.6			31.9						16.9	18.3	4.3	720
	03-05	23.8			31.7						24.1	20.9	5.2	718
	06-08	16.0			32.2						28.2	23.6	5.9	720
	09-11	11.3			36.3						30.1	22.4	6.0	720
	12-14	7.1			40.3						32.4	20.3	6.1	720
	15-17	8.1			40.1						32.9	18.9	6.1	720
	18-20	10.3			42.5						31.0	16.3	5.7	720
	21-23	25.4			41.0						18.8	14.9	4.4	720
	TOTALS	16.9			36.9						26.8	19.5	5.5	5758

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE
STATION NAME

71-78
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	36.9			30.1						15.1	17.8	4.0	734
	03-05	26.3			32.7						18.8	22.2	4.9	734
	06-08	15.1			32.1						28.7	24.1	6.0	735
	09-11	15.2			33.6						30.6	20.6	5.8	738
	12-14	11.1			38.0						33.6	16.7	5.9	741
	15-17	10.5			43.3						33.1	13.1	5.6	741
	18-20	15.9			47.0						24.1	13.0	4.9	738
	21-23	26.2			38.0						20.2	14.9	4.5	738
TOTALS		19.7			37.0						25.5	17.8	5.2	5899

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949 DEPUTT AFB NE 71-78 AUG
STATION PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	35.8			28.6						16.3	19.4	4.3	744
	03-05	30.6			29.6						19.9	19.8	4.7	742
	06-08	15.1			31.9						31.5	21.4	5.9	742
	09-11	19.8			28.8						27.6	23.9	5.7	744
	12-14	15.7			32.7						32.3	19.4	5.8	744
	15-17	12.9			39.8						29.6	17.7	5.6	744
	18-20	19.0			42.3						24.6	14.1	4.9	744
	21-23	33.3			32.8						19.9	14.0	4.2	744
TOTALS		22.8			33.3						25.2	18.7	5.1	5948

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE
STATION NAME

71-78
PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
SEP	00-02	39.0			22.1							14.3	24.6	4.4	720
	03-05	38.4			20.5							14.5	26.6	4.6	717
	06-08	19.3			31.4							19.3	30.0	5.7	714
	09-11	20.1			28.8							20.9	30.2	5.8	718
	12-14	16.9			29.2							23.5	30.4	6.0	720
	15-17	17.4			31.7							23.5	27.4	5.8	719
	18-20	25.7			27.4							22.5	24.3	5.3	719
	21-23	38.1			25.6							13.8	22.6	4.3	720
TOTALS		26.9			27.1							19.0	27.0	5.2	5747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE
STATION NAME

71-77
PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	24.2			21.0						12.3	42.5	6.0	649
	03-05	27.3			16.3						14.3	42.1	6.0	651
	06-08	16.7			20.7						14.8	47.8	6.7	648
	09-11	10.3			23.5						17.9	48.3	7.1	648
	12-14	8.6			20.0						25.1	46.2	7.5	649
	15-17	10.0			19.9						23.4	46.7	7.4	649
	18-20	17.7			22.0						18.0	42.2	6.5	649
	21-23	21.1			23.1						14.6	41.1	6.1	649
TOTALS		17.0			20.8						17.6	44.6	6.7	5192

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 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

14949
 STATION

OFFUTT AFB NE
 STATION NAME

71-78
 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	23.1			21.5							17.5	37.9	6.0	5198
FEB		22.4			19.9							16.5	41.2	6.2	4732
MAR		17.2			22.2							17.2	43.4	6.6	5191
APR		19.6			19.4							21.6	39.4	6.5	5755
MAY		17.3			25.3							23.7	33.7	6.3	5946
JUN		16.9			36.9							26.8	19.5	5.5	5758
JUL		19.7			37.0							25.5	17.8	5.2	5899
AUG		22.8			33.3							25.2	18.7	5.1	5948
SEP		26.9			27.1							19.0	27.0	5.2	5747
OCT		29.0			24.4							19.2	27.4	5.2	5931
NOV		17.9			20.3							17.2	44.6	6.6	5733
DEC		17.0			20.8							17.6	44.6	6.7	5192
TOTALS		20.8			25.7							20.6	32.9	5.9	67030

USAFETAC

FORM
 JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- * 1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- * 2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 14949 OFFUTT AFB NE

DAILY TEMPERATURES

STATION 14949 STATION NAME OFFUTT AFB NE YEARS 48-78

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105						.1	.9	.1					.1
100						1.3	4.6	1.0					.6
95					.4	7.9	13.0	7.6	1.7				2.6
90				.6	3.4	19.3	34.9	24.8	8.2	.8			7.7
85			.1	2.8	13.2	41.7	61.1	51.3	19.4	4.0			16.3
80			.9	8.1	28.6	63.2	82.7	74.6	34.9	11.3	.1		25.5
75		.7	3.0	17.2	46.0	83.3	94.0	90.1	54.3	25.3	.8		34.7
70		.5	7.1	25.1	64.9	93.1	99.4	97.5	74.1	40.9	4.0		42.8
65		1.4	12.4	42.9	79.9	98.1	100.0	99.7	87.1	55.6	12.0	.3	49.4
60	.4	3.2	18.3	57.2	90.6	99.6		100.0	94.6	70.4	21.6	2.3	55.1
55	1.9	8.3	28.0	72.2	96.5	99.9			98.4	83.5	33.4	7.4	61.0
50	5.7	17.1	39.2	83.6	98.7	100.0			100.0	91.6	47.8	16.3	66.9
45	13.1	28.2	52.0	92.6	99.7					96.7	61.9	25.9	72.7
40	24.3	40.7	65.1	97.8	99.9					99.7	75.8	37.8	78.5
35	38.7	55.6	78.9	99.7	100.0					99.9	87.0	54.5	84.6
30	52.6	69.8	88.6	99.8						100.0	94.6	70.6	89.7
25	64.5	81.4	95.2	100.0							97.4	81.1	93.3
20	75.5	89.5	98.2								99.4	90.4	96.1
15	83.3	96.1	99.1								100.0	95.6	97.6
10	91.4	99.1	99.9									97.3	99.0
5	96.5	99.9	100.0									99.4	99.6
0	99.5	100.0										100.0	100.0
-5	100.0												100.0
MEAN	29.4	36.5	46.3	62.1	73.0	82.2	86.5	84.3	75.6	65.9	48.7	35.9	60.5
S D	13.430	17.922	14.323	12.158	9.947	8.315	7.351	7.261	9.642	11.227	12.381	12.561	22.592
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 14949 OFFUTT AFB NE

DAILY TEMPERATURES

STATION 14949 STATION NAME OFFUTT AFB NE YEARS 48-70

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.2	.4	.3					.1
75						3.4	8.6	3.2	.1				1.3
70					1.4	13.2	35.7	19.6	3.8	.2			6.2
65				.4	6.4	37.0	68.6	53.5	13.8	1.3			15.2
60			.1	2.7	23.4	68.6	88.7	80.4	29.1	4.7			25.0
55				6.9	43.7	86.8	97.4	94.8	50.6	14.9	.3		33.2
50			1.5	17.9	66.0	96.9	99.8	99.0	72.2	28.5	1.9		40.5
45		.2	4.2	35.1	82.2	92.3	100.0	99.8	90.2	46.6	6.4	.5	47.4
40	.1	.9	11.8	54.2	93.8	100.0		100.0	97.1	66.6	16.3	1.2	53.8
35	.9	3.7	24.7	72.7	98.3				99.2	83.3	29.9	3.4	59.9
33	2.4	8.5	31.3	80.2	99.0				99.8	89.1	36.9	6.3	63.0
30	6.2	19.1	46.3	91.1	99.8				99.9	94.8	52.8	15.5	69.0
25	18.4	37.2	66.7	97.1	100.0				100.0	99.2	73.4	33.1	77.2
20	31.2	51.8	79.2	99.4						99.9	85.4	52.3	83.4
15	45.3	62.2	87.5	99.9						100.0	93.2	67.6	88.1
10	55.5	74.7	93.8	100.0							96.4	79.1	91.7
5	67.1	85.4	97.8								98.9	88.1	94.8
0	80.8	92.4	99.2								99.8	93.0	97.1
-5	91.0	97.3	99.7								99.9	97.4	98.8
-10	93.7	99.2										99.2	99.5
-15	99.2	99.8	100.0								100.0	100.0	99.9
-20	99.9	100.0											100.0
-25	100.0												100.0
MEAN	11.6	18.7	27.6	40.9	52.0	62.2	66.9	64.5	54.8	44.0	29.7	18.5	41.0
S D	12.534	11.854	10.644	9.203	8.719	6.686	5.743	5.865	8.286	9.332	9.953	11.037	20.956
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

4
 GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC
 14949 OFFUTT AFB NE

DAILY TEMPERATURES

48-78

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC.	ANNUAL
90						.6	1.7	.2					.2
85					.1	4.0	11.4	4.0	.6				1.7
80					1.1	16.0	35.5	20.6	5.1	.1			6.6
75				.7	8.4	38.1	65.2	53.5	14.7	1.0			15.3
70			.1	3.6	25.6	66.4	87.7	79.2	29.4	6.5			25.1
65			.5	11.0	43.4	87.4	98.3	95.7	54.2	18.1	.2		34.3
60			2.7	23.9	66.6	96.0	99.9	99.1	76.7	34.3	1.4		41.9
55		.2	7.4	39.6	84.6	99.4	100.0	100.0	91.2	52.4	8.1		48.8
50		1.4	14.0	55.4	93.9	100.0			97.8	70.5	17.2	1.1	54.5
45	.9	5.9	26.6	74.8	98.2				99.8	86.5	31.7	4.0	60.9
40	3.7	16.5	42.4	88.8	99.8				100.0	95.1	50.3	12.6	67.6
35	15.7	31.1	58.8	97.3	99.9					99.0	68.8	28.5	75.1
30	27.3	48.3	75.2	99.6	100.0					99.9	83.7	47.3	81.9
25	42.4	61.7	85.4	99.7						100.0	92.7	63.2	87.2
20	56.6	73.9	92.9	100.0							96.3	75.6	91.3
15	67.1	84.5	97.5								98.3	86.1	94.5
10	78.7	92.2	99.1								99.7	92.8	96.9
5	88.3	97.5	99.6								99.9	96.9	98.5
0	94.6	99.2	99.8								100.0	98.7	99.4
-5	98.6	99.5	100.0									99.9	99.9
-10	99.9	100.0										100.0	100.0
-15	100.0												100.0
MEAN	20.7	27.6	37.1	51.7	63.1	72.4	76.9	74.6	65.4	55.2	39.4	27.4	51.0
S D	12.435	11.686	11.737	9.839	8.387	6.971	6.062	5.985	8.189	9.390	10.432	11.136	21.451
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE STATION NAME

48-78 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48												62	
49	50	44	70	88	91	96	95	93	89	88	78	56	96
50	50	53	75	92	90	95	90	88	87	85	71	56	95
51	64	72	75	85	86	87	95	100	90	85	67	60	100
52	57	58	75	85	93	103	105	91	93	80	76	53	105
53	52	55	72	84	93	103	98	98	100	94	78	56	103
54	54	68	63	90	88	105	106	105	100	89	75	55	106
55	53	44	72	89	91	93	103	104	102	85	73	55	104
56	63	63	81	92	96	101	106	99	98	89	70	64	106
57	44	64	74	85	85	93	105	98	90	79	56	62	105
58	49	59	62	84	91	96	92	97	90	90	80	58	97
59	50	53	74	86	92	96	95	97	93	75	69	63	97
60	43	48	59	90	86	94	98	94	94	84	74	57	98
61	60	66	68	88	86	99	96	93	94	83	67	58	99
62	45	58	76	85	92	88	95	92	88	83	67	60	95
63	57	54	80	82	90	95	95	99	88	93	67	60	99
64	62	56	71	89	90	90	98	103	91	80	78	66	103
65	55	58	61	86	90	88	93	96	86	80	76	63	96
66	47	59	79	79	95	94	103	96	82	85	67	56	103
67	57	70	83	83	98	89	97	91	88	85	67	57	98
68	54	53	88	86	90	97	99	101	92	84	67	60	101
69	45	46	69	76	88	100	96	92	88	90	68	54	100
70	46	65	66	88	90	96	100	94	94	84	67	61	100
71	57	55	79	69	83	100	96	93	97	86	69	54	100
72	50	77	78	90	87	95	94	98	92	84	66	54	98
73	53	60	66	78	90	96	93	98	86	83	70	65	98
74	55	64	75	82	86	101	109	97	91	85	68	51	109
75	43	42	70	80	90	88	96	98	95	91	68	62	98
76	55	68	79	84	84	95	98	100	94	90	72	68	100
77	42	69	77	85	88	102	102	92	84	75	64	55	102
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE
STATION STATION NAME

48-78
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
78	39	41	82	85	90	96	96	95	93	86	74		
MEAN	51.7	58.1	73.3	85.2	89.6	95.7	98.1	96.4	91.6	85.0	70.3	58.7	100.4
S. D.	6.545	9.344	6.988	4.046	3.449	4.886	4.732	4.090	4.774	4.646	5.140	4.252	3.629
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ALL MONTHS
48												-5	
49	-11	-7	7	29	43	56	56	52	33	22	21	5	-11
50	-14	-8	5	18	37	43	52	42	42	33	6	-12	-14
51	-7	-13	6	28	38	44	53	52	31	20	13	-12	-13
52	-3	13	3	21	38	53	55	54	42	25	2	5	-3
53	-8	8	16	23	37	51	58	55	42	28	19	4	-8
54	-12	12	9	20	32	46	62	61	40	26	18	11	-12
55	-7	-11	3	30	41	47	63	52	40	29	1	0	-11
56	-8	-8	4	23	40	42	56	51	34	34	9	5	-8
57	-11	8	18	17	39	51	62	57	45	23	14	1	-11
58	-5	-15	14	27	43	47	59	50	41	29	8	-1	-15
59	-13	-5	15	24	35	51	51	57	41	32	1	12	-13
60	-10	-8	-15	28	38	53	54	58	40	23	11	-2	-15
61	-13	-1	25	25	31	48	57	58	36	29	18	-13	-13
62	-17	-16	-12	21	37	51	53	48	39	25	20	-10	-17
63	-19	-2	14	27	31	56	59	55	42	28	17	-11	-19
64	-13	5	3	27	40	43	57	45	38	27	-11	-8	-13
65	-13	-7	3	31	41	52	58	52	29	26	9	6	-13
66	-20	-2	7	23	32	47	59	42	42	26	13	3	-20
67	-11	-4	3	27	28	47	51	47	36	23	15	-10	-11
68	-16	-2	9	20	37	48	52	56	44	29	5	-14	-16
69	-13	-6	6	26	38	43	59	59	41	22	15	4	-13
70	-14	-2	10	19	31	51	51	54	37	29	8	7	-14
71	-14	-18	5	23	32	56	45	51	34	29	14	10	-18
72	-14	-9	6	23	42	47	48	53	34	18	22	-5	-14
73	-11	-1	26	25	37	53	59	55	36	30	21	-8	-11
74	-22	5	7	29	42	48	57	51	37	32	20	10	-22
75	-5	-15	-3	10	39	49	52	56	34	27	7	-4	-15
76	-11	5	9	31	29	47	55	52	38	25	0	-11	-11
77	-16	1	17	30	51	53	58	56	50	34	8	0	-16
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OIA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE STATION STATION NAME

48-78 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	-6	-7	-5	31	36	48	56	48	46	33	10		
MEAN	-11.9	-3.7	7.2	24.3	37.2	49.0	55.6	52.6	38.8	27.5	11.1	-1.4	-13.4
S.D	4.536	8.197	9.018	4.897	4.956	3.978	4.183	4.687	4.649	3.910	7.740	8.093	3.823
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION STATION NAME

59-78 YEARS

JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
50/ 49		.1																														1	1			
48/ 47		.1																														1	1			
46/ 45		.2																														2	2	1	2	
44/ 43		.2			.1																											3	3	3	1	
42/ 41			.1	.1																												3	3	1	2	
40/ 39		1.0	.4	.4																												17	17		1	
38/ 37	.1	.1	.8	.8	.1																											17	17	15	1	
36/ 35	.2	1.4	1.0	.4	.1																											29	29	12	6	
34/ 33	.1	4.0	2.0	.1																													58	58	23	10
32/ 31	.2	2.3	.8	.1																													34	34	73	21
30/ 29	.5	3.8	1.3																														52	52	54	41
28/ 27	1.2	4.3	1.7																														67	67	46	40
26/ 25	.5	3.5	.2	.2																													42	42	64	62
24/ 23	.2	4.0	.1																														40	40	41	32
22/ 21	.4	3.7	.4																														42	42	49	40
20/ 19	.6	4.3																															46	46	39	52
18/ 17	.6	3.4																															38	38	52	44
16/ 15	.6	2.9	.1																														34	34	37	56
14/ 13	.3	2.8	.4																														33	33	30	31
12/ 11	1.0	2.8	.3																														38	38	36	32
10/ 9	.6	4.3	.1																														47	47	37	38
8/ 7	.6	3.2																															36	36	46	33
6/ 5	1.1	1.6																															25	25	37	28
4/ 3	.6	3.0																															35	35	22	27
2/ 1	.4	5.4																															54	54	44	37
0/ -1	2.9	1.8																															44	44	63	26
-2/ -3	1.1	1.7																															21	26	34	26
-4/ -5	.6	1.1																															16	16	15	29
-6/ -7	1.7	.4																															27	22	26	31
-8/ -9	1.7																																16	16	17	25
-10/-11	.6																																6	6	6	33
-12/-13	.3																																3	3	3	28
-14/-15	.2																																2	2	2	21
-16/-17																																				25
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 69-76 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 2 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
-18/-19																																				23
-20/-21	.1																																			12
-22/-23																																				2
-24/-25																																				3
-26/-27																																				4
-32/-33																																				1
TOTAL	20.2	67.4	9.9	2.3	.2																														930	
												930	930	930	930																					

Element (X)	$\Sigma X'$	ΣX	\bar{X}	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.	5066349	67569	72.7	13.006	930							
Dry Bulb	431300	15548	16.7	3.582	930	13.6	79.9					93
Wet Bulb	376130	14292	15.4	2.979	930	16.7	87.4					93
Dew Point	302969	8583	9.2	15.520	930	26.7	90.7					93

USAF/TAC FORM 84 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
46/45		.1		.1														2	2																	
44/43		.2	.4	.1														7	7	3																
42/41		.2	.1	.1														4	4	2	3															
40/39		.3	.5	.5														13	13	6	2															
38/37		.2	.8	.5														14	14	5	1															
36/35	.1	1.1	1.1	.2														23	23	11	6															
34/33	.5	3.4	1.5	.2														53	53	31	8															
32/31	.3	2.4	.2	.1														28	28	57	20															
30/29	.2	4.2	1.4	.1														55	55	43	26															
28/27	1.2	3.7	.9															53	53	56	45															
26/25	.4	3.4																36	36	54	70															
24/23	.5	3.9	.2															43	43	39	33															
22/21	.8	2.8	.9															41	41	39	45															
20/19	1.0	4.9	.1															56	56	40	43															
18/17	.8	2.7	.2															33	33	61	37															
16/15	.6	3.3																37	37	35	44															
14/13	.8	4.0	.1															45	45	41	34															
12/11	.5	2.9	.2															34	34	29	31															
10/9	1.5	4.1	.1															53	53	50	55															
8/7	1.3	2.5																35	35	47	30															
6/5	.3	2.7																28	28	30	41															
4/3	1.2	2.6																35	35	31	34															
2/1	.8	4.4																48	48	40	22															
0/-1	3.2	.9																38	38	57	32															
-2/-3	.8	3.0																35	35	34	29															
-4/-5	.5	1.0																14	14	19	26															
-6/-7	.2	.2																7	7	9	26															
-8/-9	3.3																	31	31	32	27															
-10/-11	1.4																	13	13	13	27															
-12/-13	1.1																	10	10	10	17															
-14/-15	.3																	3	3	3	22															
-16/-17	.1																	1	1	1	27															
-18/-19	.1																	1	1	1	23															
-20/-21																					18															
Element (X)	ΣX^2	ΣX	\bar{X}	s_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																																				

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION NAME

69-78 YEARS

JAN MONTH

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
-22/-23	.1																																1	1	1	7
-24/-25																																				11
-26/-27																																				5
-30/-31																																				1
-32/-33																																				2
TOTAL	24.2	65.1	8.7	2.0																													930	930	930	
Element (X)						ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																			
Rel. Hum.	5129774	67978	73.1	13.162	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	93																							
Dry Bulb	403836	14488	15.6	13.847	930	15.4	81.4					93																								
Wet Bulb	354412	13338	14.3	13.251	930	18.0	87.2					93																								
Dew Point	297006	7706	8.3	15.842	930	30.0	91.0					93																								

USAFETAC FORM 0 26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
44/ 43		.3																		3	3	2	
42/ 41		.1	.2																	3	3	1	2
40/ 39		.3	.2	.3																8	8	1	1
38/ 37		.5	.8	.5																17	17	5	
36/ 35		.4	1.3	.1																17	17	11	2
34/ 33	.6	2.5	1.4	.2																44	44	25	13
32/ 31	.8	2.9	.6																	40	40	53	18
30/ 29	.8	4.0	.9																	52	52	47	27
28/ 27	.8	4.3	.6																	53	53	58	51
26/ 25	.3	4.2																		42	42	48	56
24/ 23	.5	2.7	.5																	35	35	42	30
22/ 21	.5	2.9	.2																	34	34	32	49
20/ 19	1.0	3.7																		43	43	37	39
18/ 17	1.1	3.3	.2																	43	43	49	31
16/ 15	.8	3.9	.1																	44	44	51	35
14/ 13	.9	4.3																		48	48	38	40
12/ 11	.5	3.5	.3																	41	41	48	42
10/ 9	2.0	3.2																		49	49	46	54
8/ 7	.6	2.9																		33	33	35	44
6/ 5	.3	3.0																		31	31	31	33
4/ 3	1.4	3.3																		44	44	48	33
2/ 1	1.5	2.9																		41	41	36	16
0/ -1	2.4	.8																		29	29	43	31
-2/ -3	1.7	1.3																		28	28	30	34
-4/ -5	1.2	1.7																		27	27	23	35
-6/ -7	1.9	.1																		14	14	23	25
-8/ -9	1.7																			16	16	16	24
-10/-11	2.8																			26	26	26	21
-12/-13	1.7																			16	16	16	12
-14/-15	.2																			5	5	5	21
-16/-17	.1																			1	1	1	27
-18/-19	.2																			2	2	2	30
-20/-21	.1																			1	1	1	18
-22/-23																							8
Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 69-78 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
46/ 45		.2		.1	.4													7	7				
44/ 43		.1	.1	.3	.1													6	6	3	1		
42/ 41			.2	.8		.1												10	10		2		
40/ 39		.1	.8	.5	.3													16	16	2			
38/ 37		1.1	1.9	.4														32	32	14			
36/ 35	.3	.9	2.3	.3	.1													36	36	30	1		
34/ 33	.5	1.8	1.6	.4														41	41	37	17		
32/ 31	.3	2.5	1.6	.2														43	43	58	23		
30/ 29	.4	3.0	1.0															41	41	50	36		
28/ 27	.5	4.4	1.1	.1														57	57	47	55		
26/ 25	.6	2.9	1.0															42	42	58	42		
24/ 23	.6	2.5	.3															32	32	37	51		
22/ 21	.1	4.0	.9															46	46	37	45		
20/ 19	.9	4.1	.3															49	50	51	28		
18/ 17	.2	4.4	.2															45	45	46	50		
16/ 15	.8	3.6	.5															45	45	52	47		
14/ 13	.5	3.3																36	36	43	41		
12/ 11	.9	2.6	.2															34	34	36	36		
10/ 9	.5	3.0	.1															34	34	33	61		
8/ 7	.2	4.2	.1															42	42	22	34		
6/ 5	.3	2.7																28	28	52	24		
4/ 3	.5	4.4																46	46	27	20		
2/ 1	.4	3.0																32	32	44	33		
0/ -1	2.2	.8																27	27	42	18		
-2/ -3	1.1	1.8																27	27	28	25		
-4/ -5	.3	1.1																13	13	15	24		
-6/ -7	1.6	.5																20	20	22	27		
-8/ -9	2.4																	22	22	23	30		
-10/-11	1.3																	12	12	12	25		
-12/-13	.4																	4	4	4	24		
-14/-15	.2																	2	2	2	22		
-16/-17																					24		
-18/-19	.1																	1	1	1	21		
-20/-21																					12		
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												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23																					12
-24/-25																					10
-26/-27																					5
-28/-29																					2
TOTAL	18.4	63.0	14.2	3.2	1.0	.1											928	929	928	928	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	4705367	64825	69.9	13.819	928							93
Dry Bulb	460263	16109	17.3	13.963	929	12.8	78.2					93
Wet Bulb	390226	14596	15.7	13.165	928	14.9	84.4					93
Dew Point	305445	8239	8.9	15.830	928	28.2	90.9					93

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
56/55							.1											1	1	
54/53							.1											1	1	
52/51			.1		.2	.2	.1											6	6	
50/49		.1		.1	.4	.3												9	9	1
48/47		.1	.2	.1	.2	.3												9	9	1
46/45			.3	.9	.9	1.0	.1											29	29	2
44/43			.2	.8	1.0	.4												27	22	7
42/41			.5	1.5	.6	.1	.1											27	27	12
40/39		.2	1.6	1.1	.5	.1												33	33	20
38/37		.6	1.2	.9	1.3													37	37	35
36/35	.6	1.4	2.0	.4	.3													45	45	52
34/33		1.5	2.6	.8	.4													49	49	41
32/31	.3	1.5	2.0	.8	.1													44	44	55
30/29	.2	1.7	1.7	.4														38	38	58
28/27	.3	3.2	2.0	.3														55	55	54
26/25	.4	2.4	1.8	.2														45	45	59
24/23	.1	2.8	1.0	.1														37	37	48
22/21		3.1	1.6															44	44	38
20/19	.2	3.8	1.2	.1														49	49	48
18/17	.1	2.5	.5															29	29	45
16/15	.3	2.6	.6															33	35	36
14/13	.1	2.3	.9															30	30	30
12/11		2.7	.9															33	33	28
10/9	.1	3.9	1.3															49	49	36
8/7	.1	4.0	.5															43	43	50
6/5		2.5																23	23	42
4/3	.1	2.5																24	24	29
2/1	.2	1.9																20	20	24
0/-1	1.6	1.0																24	24	33
-2/-3	.1	1.9																19	19	17
-4/-5	.4	1.3																16	16	18
-6/-7	.2	.2																4	4	7
-8/-9	.1																	1	1	2
-10/-11																				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	≥ 92 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
-12/-13																																						18
-14/-15																																						22
-16/-17																																						16
-18/-19																																						12
-20/-21																																						8
-22/-23																																						4
-24/-25																																						3
-26/-27																																						3
TOTAL	5.6	51.7	5.0	8.4	6.0	2.5	.5																															928
																																						930
																																						928
Element (X)	Z _x ¹	Z _x	X	Y	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	3905469	58617	63.2	14.796	928	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	669135	21247	22.8	14.073	930	6.4	66.2					93																										
Wet Bulb	522095	18615	20.1	12.665	928	7.7	75.6					93																										
Dew Point	336886	10794	11.6	15.099	928	24.0	89.5					93																										

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
58/ 57							.1																									1	1		
56/ 55							.3	.1																								4	4		
54/ 53			.1				.1																									2	2		
52/ 51			.2			.2	.3	.1																								8	8		
50/ 49			.2	.2		.2	.1	.1																								5	5	3	
48/ 47			.2	.2	.2	.5	.2																									13	13	1	
46/ 45			.1	1.2	1.0	1.3																										33	33	3	
44/ 43			.4	1.3	.9	.5																										29	29	11	
42/ 41		.2	1.0	.6	.4	.2																										23	23	7	
40/ 39		.6	1.9	1.0	.9	.1																										42	42	28	
38/ 37		.9	2.2	1.5	.8	.2																										51	51	46	
36/ 35	.5	.8	1.4	.8	.3																											35	35	58	
34/ 33	.3	2.2	3.3	1.0	.3																											66	66	48	
32/ 31		1.9	1.0	.1	.1																											35	35	58	
30/ 29	.4	1.6	1.8	.5																												41	41	73	
28/ 27		1.7	1.9	.4																												38	38	35	
26/ 25	.3	1.6	2.5	.3																													44	44	47
24/ 23	.2	1.7	1.4	.2																													34	34	39
22/ 21	.1	4.2	2.5	.3																													66	66	42
20/ 19	.1	3.5	1.0																														43	43	65
18/ 17	.1	2.2	.6																														27	27	46
16/ 15	.1	1.9	1.2																														30	30	32
14/ 13		1.9	1.6																														33	33	19
12/ 11	.1	3.4	.6																														39	39	41
10/ 9	.3	4.1	.5																														46	46	47
8/ 7		3.3	.8																														38	38	46
6/ 5		2.7																															25	25	34
4/ 3		1.7																															16	16	23
2/ 1		2.2																															20	20	21
0/ -1	1.7	1.3																															28	28	38
-2/ -3	.2	.8																															9	9	14
-4/ -5		.2																															3	3	2
-6/ -7	.1	.2																															3	3	4
-8/ -9																																			29
Element (X)	Z _X ²	Z _X	Y	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 84 0-26-5 (DL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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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																
-10/-11																																					
-12/-13																						13															
-14/-15																						23															
-16/-17																						17															
-18/-19																						12															
-20/-21																						6															
-22/-23																						5															
-24/-25																						1															
-26/-27																						3															
TOTAL	4.8	47.0	78.9	9.8	5.1	3.4	.9	.1										930			930																

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3815032	57948	62.3	14.830	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	729345	22657	24.4	13.817	930	4.3	61.8					93
Wet Bulb	563905	19811	21.3	12.358	930	5.8	72.6					93
Dew Point	350014	11798	12.7	14.685	930	22.9	88.0					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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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																
52/ 51			.1																														1	1			
48/ 47		.1		.2	.1	.1																												5	5	1	
46/ 45		.2	.1	.1	.1	.1																												5	5	1	1
44/ 43		.2		.1	.1	.1																												6	6	3	3
42/ 41			.9	1.0	.2																													19	19	5	2
40/ 39		.6	1.8	.4	.3																													30	30	2	
38/ 37		1.4	2.2	1.0	.2	.2																												46	46	27	1
36/ 35	.8	1.8	2.6	1.0	.1																													58	58	47	13
34/ 33	.4	1.5	2.9	1.6	.2																													67	62	58	22
32/ 31	.2	2.7	1.1	.3																														40	40	53	39
30/ 29	.3	2.3	2.5	.1																														48	48	68	40
28/ 27	.6	3.1	1.9	.3																														56	56	60	57
26/ 25	.4	3.2	1.3																															46	46	47	52
24/ 23	.2	2.0	.5	.1																														27	27	47	43
22/ 21	.1	3.4	1.1																															43	43	36	51
20/ 19		5.3	1.5	.1																														64	64	35	36
18/ 17	.3	2.3	.5	.1																														30	30	67	54
16/ 15	.3	3.1	1.0																															41	41	35	33
14/ 13	.2	2.3	.4																															27	27	37	36
12/ 11		3.3	.8																															38	38	33	37
10/ 9	.3	4.8	.4																															52	52	36	44
8/ 7		3.5																																33	33	52	39
6/ 5		2.6																																24	24	32	41
4/ 3	.1	4.0																																38	38	24	25
2/ 1		3.3																																31	31	43	19
0/ -1	1.9	1.0																																24	24	38	26
-2/ -3	.2	1.6																																17	17	19	39
-4/ -5	.3	.5																																8	8	12	25
-6/ -7	.2	.3																																5	5	5	29
-8/ -9	.4																																	4	4	5	29
-10/-11	.2																																	7	2	2	19
-12/-13																																					25
-14/-15																																					15
-16/-17																																					19
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM JUL 64 0-23-5 (DL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
-18/-19																																				0	
-20/-21																																					4
-22/-23																																					3
-26/-27																																					3
TOTAL	7.4	60.6	73.5	6.5	1.6	.3																											930	930	930	930	

Element (X)	ΣX	ΣX^2	\bar{X}	S^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum	4454872	63114	67.913	594	930							
Dry Bulb	574397	19661	21.113	072	930	6.0	69.8					93
Wet Bulb	475669	17669	19.012	275	930	8.1	78.6					93
Dew Point	333500	10994	11.814	802	930	24.2	88.8					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

JAN

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2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
52/ 51		.1																1	1			
50/ 49																					1	
48/ 47		.2		.1														3	3		1	
46/ 45					.2													2	2	2	2	
44/ 43			.1	.1														2	2			
42/ 41		.1	.1	.2														4	4	2	1	
40/ 39		.5	1.2	.3														19	19	3		
38/ 37	.2	1.5	1.1	.8	.2													35	35	11	2	
36/ 35	.3	2.0	1.7	1.1	.2													50	50	35	6	
34/ 33	.8	3.0	1.9															53	53	44	19	
32/ 31	.5	2.5	1.4	.2														43	43	59	33	
30/ 29	.2	2.3	2.3															44	44	57	42	
28/ 27	1.3	3.6	1.7															61	61	46	53	
26/ 25	.3	2.8	1.0	.1														39	39	56	46	
24/ 23	.4	3.4	.5															41	41	51	36	
22/ 21	.3	3.1	.5															37	37	45	42	
20/ 19	.5	5.2	.3															56	56	35	41	
18/ 17	.2	4.1	.2															45	45	54	55	
16/ 15	.2	3.4	.8															41	41	41	44	
14/ 13	.5	2.2	.5															30	30	41	33	
12/ 11	.3	2.5	.1															27	27	31	43	
10/ 9	.9	4.3	.5															53	53	39	40	
8/ 7	.5	3.2																35	35	43	37	
6/ 5	.9	2.0																27	27	37	38	
4/ 3	.5	3.9																41	41	33	24	
2/ 1	.8	4.1																45	45	40	27	
0/ -1	2.2	1.4																33	33	53	36	
-2/ -3	.9	1.7																24	24	26	23	
-4/ -5	.8	.4																11	11	16	29	
-6/ -7	1.2	.4																15	15	16	32	
-8/ -9	.6																	6	6	6	26	
-10/-11	.2																	2	2	2	32	
-12/-13	.4																	4	4	4	21	
-14/-15																					17	
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
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2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-16/-17																					27
-18/-19																					9
-20/-21																					6
-22/-23																					1
-24/-25																					2
-26/-27																					3
TOTAL	16.4	64.0	16.0	2.9	.6												929	929	929	929	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4869058	66126	71.2	13.222	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	482290	17252	18.6	13.209	929	9.5	76.1					93									
Wet Bulb	412113	15737	16.9	12.523	929	12.3	83.2					93									
Dew Point	309789	9763	10.5	14.942	929	26.4	89.9					93									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew Point		
58/ 57							.0													1	1		
56/ 55							.1	.0												5	5		
54/ 53			.0				.0													3	3		
52/ 51		.0	.1			.1	.1	.0												16	16		
50/ 49		.0		.1	.1	.1	.0													15	15	5	
48/ 47		.1	.1	.1	.1	.1	.0													31	31	3	3
46/ 45		.1	.1	.3	.3	.3	.0													80	80	9	8
44/ 43		.1	.2	.3	.3	.3	.1													78	78	32	6
42/ 41		.1	.4	.5	.2	.1	.0													93	93	30	12
40/ 39		.5	1.1	.6	.3	.0														178	178	62	12
38/ 37	.0	.8	1.3	.8	.3	.1														249	249	158	11
36/ 35	.4	1.2	1.7	.5	.1															293	293	256	51
34/ 33	.4	2.5	2.2	.5	.1															426	426	307	137
32/ 31	.4	2.3	1.2	.2	.0															307	307	466	230
30/ 29	.4	2.9	1.6	.1																371	371	450	307
28/ 27	.7	3.5	1.5	.1																440	440	402	409
26/ 25	.4	3.0	1.0	.1																336	336	433	428
24/ 23	.4	2.9	.6	.1																289	289	344	321
22/ 21	.3	3.4	1.0	.0																353	353	318	370
20/ 19	.5	4.3	.6	.0																406	407	350	330
18/ 17	.5	3.1	.3	.0																290	290	420	357
16/ 15	.5	3.1	.5																	305	307	319	357
14/ 13	.4	2.9	.5																	282	282	279	304
12/ 11	.4	3.0	.4																	284	284	282	303
10/ 9	.6	4.0	.4																	383	383	324	386
8/ 7	.4	3.4	.2																	295	295	341	271
6/ 5	.4	2.5																		211	211	295	252
4/ 3	.6	3.2																		279	279	237	212
2/ 1	.5	3.4																		291	291	292	202
0/ -1	2.2	1.1																		247	247	367	222
-2/ -3	.8	1.7																		185	185	202	226
-4/ -5	.5	.9																		108	108	120	233
-6/ -7	.9	.3																		90	90	112	223
-8/ -9	1.3																			96	96	101	219
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 1978 JAN
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-10/-11	.8																			61	61	61	192
-12/-13	.5																			37	37	37	168
-14/-15	.2																			12	12	12	157
-16/-17	.0																			2	2	2	175
-18/-19	.1																			4	4	4	130
-20/-21	.0																			2	2	2	83
-22/-23	.0																			1	1	1	38
-24/-25																							47
-26/-27																							33
-28/-29																							6
-30/-31																							1
-32/-33																							3
TOTAL	15.7	60.3	16.7	4.5	1.8	.8	.2	.0												7435	7438	7435	7435
Element (X)	Z _X ²	Z _X	X	%	No. Obs.	Mean No. of Hours with Temperature				Total													
Rel. Hum.	37153381	514693	69.2	14.315	7435	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744											
Dry Bulb	4129372	140582	18.9	14.070	7438	84.5	597.2					744											
Wet Bulb	3429792	126632	17.0	13.086	7435	102.2	657.7					744											
Dew Point	2526076	74920	10.1	11.435	7435	215.7	720.0					744											

FORM 0-26-5 (OL A) JUL 64 USAFETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 19-76 FEB
 STATION STATION NAME YEARS MONTH

PAGE 2 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb		Wet Bulb	Dew Point	
10/-11																						8
12/-13	.2																		2	2	2	14
14/-15																						6
16/-17																						1
18/-19																						1
20/-21																						2
TOTAL	11.36	2.17	0.0	5.7	.7	.1		.1										846	846	846	846	

FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	4746810	62660	74.11	1.191	846							84
Dry Bulb	624982	20696	24.51	1.852	846	2.3	60.5					84
Wet Bulb	530780	19036	22.51	1.011	846	3.3	69.5					84
Dew Point	377224	14500	17.11	2.341	846	8.1	79.9					84

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 09-78 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/55			.1															1	1		
54/53		.2																2	2		
52/51			.1				.1											2	2	3	
50/49			.1				.2											3	3		3
48/47		.2																2	2	1	
46/45		.1	.1		.1													3	3	4	3
44/43			.4	.1														4	4		2
42/41			.2	.9														10	10	1	
40/39		.1	1.3	.5														16	16	6	
38/37	.1	.8	2.1	.1														27	27	15	5
36/35	.2	2.1	2.8	.4														47	47	22	6
34/33	.5	5.3	2.6	.5														75	75	55	6
32/31	.5	4.5	3.0	.1														68	68	77	34
30/29	.7	5.1	1.9															65	65	74	68
28/27	.4	5.1	1.9															62	62	77	68
26/25	.4	5.8	1.2															62	62	62	53
24/23	.1	5.2	.5															49	49	59	59
22/21	.2	4.1	.1															38	38	54	53
20/19	.6	3.1	.1															32	32	36	66
18/17	.1	2.0																18	18	31	49
16/15	1.1	4.0	.1															44	44	29	48
14/13	.6	2.8																29	29	42	23
12/11	.6	3.0																30	30	23	32
10/9	1.1	4.1																44	44	43	53
8/7	.7	2.8																30	30	35	26
6/5	.2	1.7																16	16	21	23
4/3	.6	1.3																16	16	18	32
2/1	.4	1.4																15	15	13	37
0/-1	.5	.6																9	9	13	15
-2/-3	.7	.6																13	13	17	16
-4/-5	.1	.1																2	2	2	8
-6/-7	.2	.1																5	5	6	14
-8/-9	.2																	2	2	2	7
-10/-11	.1																	1	1	1	8
Element (X)	Σx^2	Σx	\bar{x}	s_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																					

USAF/TAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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14949 OFFUTT AFB NE

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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			
-12/-13	.1																	1	1	1	9			
-14/-15	.2																	2	2	2	7			
-16/-17	.1																	1	1	1	3			
-18/-19																					6			
-20/-21																					1			
-22/-23																					1			
-24/-25																					2			
TOTAL	11.0	66.4	18.7	2.6	.1		.4										846	846		846				

Element (X)	ΣX^2	ΣX	\bar{X}	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.	4899955	63727	75.3	10.855	846							84
Dry Bulb	564673	19387	22.9	11.937	846	3.6	64.9					84
Wet Bulb	485930	17920	21.2	11.219	846	4.5	73.4					84
Dew Point	352298	13598	16.1	12.580	846	9.6	81.5					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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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															
-14/-15	.2																	2	2	2	12															
-16/-17																						6														
-18/-19	.2																	2	2	2	6															
-20/-21																						2														
-22/-23																						1														
-24/-25																						1														
-26/-27																						1														
TOTAL	15.8	66.4	15.1	2.1	.2	.2												846	846	846	846															

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4965701	64129	75.8	1.124	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	526837	18565	21.9	1.889	846	4.6	68.0					84
Wet Bulb	457807	17225	20.4	1.258	846	5.2	76.0					84
Dew Point	336477	12931	15.3	1.281	846	10.9	81.8					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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STATION STATION NAME YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
64/ 63									.1																					1	1				
60/ 59								.1																						1	1				
58/ 57								.1	.1																					2	2				
56/ 55			.1																											1	1				
54/ 53								.1																						1	1				
52/ 51						.2																								2	2	1			
50/ 49				.4	.2			.2																						7	7		1		
48/ 47			.1	.2	.7	.2																							11	11	1				
46/ 45		.2	.6	.6	.5	.1																							17	17	3				
44/ 43		.2	.9	.9	.7	.4																							27	27	10	2			
42/ 41			.9	1.7	.7																								28	28	12				
40/ 39		.9	1.7	1.4	.4																								37	37	23	6			
38/ 37		1.4	2.1	.8	.2																								39	39	35	5			
36/ 35		2.5	3.9	.5	.1																								59	59	51	16			
34/ 33	.1	4.4	2.4	.5	.1																								63	63	70	26			
32/ 31	.2	2.5	1.9	.6																									44	44	75	49			
30/ 29	.7	3.5	2.4		.1																								57	57	60	62			
28/ 27	.5	2.8	2.8	.4																									56	56	48	82			
26/ 25		2.7	1.7	.1																									38	38	48	63			
24/ 23	.1	3.9	1.3																										45	45	54	38			
22/ 21	.2	3.7	.7																										39	39	47	42			
20/ 19	.8	3.4	.5																										40	40	41	36			
18/ 17	.5	2.6	.1																										27	27	45	51			
16/ 15	.5	3.4	.1																										34	34	28	51			
14/ 13	.2	3.7																											33	33	37	32			
12/ 11	.7	3.1																											32	32	35	52			
10/ 9	.4	2.4																											23	23	26	45			
8/ 7	.5	2.0																											21	21	24	22			
6/ 5		1.1																											9	9	14	28			
4/ 3		1.8																											15	15	9	26			
2/ 1		1.5																											13	13	18	25			
0/ -1	.6	.6																											10	10	13	6			
-2/ -3	.1	.5																											5	5	7	12			
-4/ -5	.2	.2																											4	4	5	7			
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) 1 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/-7	.1																	1	1	2	6
-8/-9	.1																	1	1	1	12
-10/-11	.1																	1	1	1	15
-12/-13	.1																	1	1	1	7
-14/-15	.1																	1	1	1	9
-16/-17																					4
-18/-19																					4
-20/-21																					1
-24/-25																					3
TOTAL	7.1	55.1	24.2	8.0	4.0	.7	.5	.2		.1								846	846	846	846

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	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.	4286665	59159	69.9	13.315	846							84
Dry Bulb	709370	22042	26.1	12.644	846	2.4	54.6					84
Wet Bulb	577366	19890	23.5	11.396	846	3.1	63.5					84
Dew Point	388582	14510	17.2	12.859	846	0.5	78.4					84

FORM 0-26-5 (O.L.A.) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OIFUTT AFB NF

69-78

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
74/ 73											.1	.1						2	2	
70/ 69											.1							1	1	
68/ 67											.1							1	1	
66/ 65											.1	.2						3	3	
64/ 63								.2	.1	.2								5	5	
62/ 61								.1	.1									2	2	
60/ 59				.1		.2	.1	.4		.1								8	8	
58/ 57				.1		.1	.1	.2										5	5	
56/ 55				.2	.8	1.1	.4	.5										14	14	
54/ 53				.2	.8	1.1	.4	.5										25	25	2
52/ 51				.4	.7	.8	.7											27	22	5
50/ 49			.1	.1	.8	.4	.2	.1										15	15	6
48/ 47			.2	.6	1.1	1.1	.2											27	27	13 2
46/ 45		.2	.2	1.9	.8	1.1	.1											37	37	26
44/ 43		.4	.2	1.2	1.7	.2	.4											34	34	28
42/ 41		.4	.9	1.3	.5	.2	.1											29	29	33 10
40/ 39		.5	1.4	1.9	.2	.1												35	35	41 8
38/ 37		.9	2.6	1.4	.4													45	45	44 12
36/ 35		1.7	1.5	1.8	.6	.1												48	48	51 27
34/ 33		1.7	1.7	2.4	.4													51	51	64 33
32/ 31		2.6	1.8	.5	.1													47	42	49 55
30/ 29	.2	2.1	1.8	.8														42	42	67 59
28/ 27	.2	2.6	3.9	1.1	.4													69	69	43 73
26/ 25		2.8	2.5	.4														48	48	58 59
24/ 23		2.0	1.3	.2														30	30	58 39
22/ 21	.2	1.9	.7															24	24	45 56
20/ 19	.4	2.5	1.1															33	33	29 37
18/ 17		2.1	1.1															27	27	34 56
16/ 15		2.5	.7															27	27	28 53
14/ 13		2.4	.2															22	22	34 33
12/ 11		1.7	.2															16	16	14 34
10/ 9		2.2	.9															27	27	16 36
8/ 7		1.1	.4															17	12	23 30
6/ 5		.7																6	6	18 22
Element (X)	Z _x ¹	Z _x	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																				

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 69-76 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 2 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
4/ 3		.9																	8	8	5	23													
2/ 1		.5																	4	4	8	12													
0/ -1																					4	13													
-2/ -3																						18													
-4/ -5																						8													
-6/ -7																						8													
-8/ -9																						16													
-10/-11																						3													
-12/-13																						3													
-14/-15																						2													
-16/-17																						1													
-18/-19																						2													
-22/-23																						2													
-24/-25																						1													
TOTAL	1.13	6.37	5.51	6.3	8.6	6.0	3.2	1.5	.6	.5	.2	.1							846	846	846	846													

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3301548	51218	60.5	15.413	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1030481	27165	32.1	3.683	846		43.4	.4	.2			84
Wet Bulb	757864	23454	27.7	1.286	846	.4	52.9					84
Dew Point	436012	16122	19.1	2.345	846	7.6	74.9					84

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 DF-FUTT AFB NF 1978 FEB

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb
78/ 77													.1	.1				2	2	
76/ 75													.1	.2				3	3	
74/ 73													.1					1	1	
70/ 69													.1					1	1	
68/ 67													.1	.1	.1			3	3	
66/ 65									.1	.1								2	2	
64/ 63								.1	.4									4	4	
62/ 61							.1	.5	.8									12	12	
60/ 59				.1		.2	.1		.2									6	6	
58/ 57				.1	.2	.5	.6	.2										14	14	
56/ 55				.4	.7	1.2	.4											16	16	1
54/ 53				.4	.7	1.7	.6	1.1										37	37	3
52/ 51				.2	.4	.6	.7											16	16	8
50/ 49		.1		.5	1.1	.7	.4	.2										25	25	10
48/ 47				.9	1.2	.9	.8											33	33	23
46/ 45			.4	.8	.9	.5	.5	.4										29	29	32
44/ 43		.2	1.2	.4	1.3	.2												28	28	24
42/ 41	.1	.2	.1	1.9	.2	.1	.1											24	24	38
40/ 39		.4	1.5	2.0	.1	.2												36	36	49
38/ 37		1.4	2.5	1.1	.4	.1												46	46	31
36/ 35		1.2	1.8	2.6	.4	.1												51	51	59
34/ 33		1.9	2.4	1.3	.2													51	51	63
32/ 31	.2	2.7	1.3	2.1	.1													55	55	58
30/ 29		2.0	2.8	1.8		.2												58	58	55
28/ 27	.4	1.5	3.3	1.1	.2													55	55	58
26/ 25		1.7	1.1	.2														25	25	58
24/ 23		1.4	1.2		.1													23	23	47
22/ 21		1.8	1.9															31	31	33
20/ 19		3.0	1.9															41	41	30
18/ 17		1.1	1.3															20	20	37
16/ 15		2.5	1.1															30	30	28
14/ 13	.1	.8	.6															13	13	30
12/ 11		2.0	.6															22	22	15
10/ 9		1.4	.5															16	16	20
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									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (O.L.A.) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 69-78 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7		.6	.4															8	8	19	23
6/ 5		.7																6	6	8	16
4/ 3		.4																3	3	6	23
2/ 1																				3	20
0/ -1																					17
-2/ -3																					8
-4/ -5																					10
-6/ -7																					9
-8/ -9																					12
-10/-11																					4
-14/-15																					1
-16/-17																					1
-18/-19																					2
TOTAL	.8	27.0	27.7	17.5	8.2	7.4	4.3	2.8	1.2	.1	.1	.0	.4				846	846		846	

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3117272	49478	58.5	16.266	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1146622	28816	34.1	13.978	846		40.3	1.0	.6			84
Wet Bulb	819957	24585	29.1	11.174	846		50.1					84
Dew Point	454955	16813	19.9	12.056	846	6.4	73.5					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
58/ 57			.1	.1			.1																									3	3				
56/ 55			.1				.1																										2	2			
54/ 53		.1																															1	1	2		
52/ 51			.1	.1	.1	.1																											4	4	2		
50/ 49		.1	.2																														3	3		3	
48/ 47		.2	.2	.6	.2		.1																										12	12	3	2	
46/ 45		.5	.1	.9	.6	.1																											19	19	6	4	
44/ 43		.1	.5	.7	.4	.1																											15	15	7	3	
42/ 41		.4	1.2	.9	.2																												23	23	12	3	
40/ 39		.6	1.7	.8	.8																												33	33	17	3	
38/ 37	.1	.8	2.5	.9	.1																												38	38	30	5	
36/ 35	.2	4.0	2.7	.6																													64	64	43	12	
34/ 33	.2	4.1	3.2	.9	.1																												73	73	73	26	
32/ 31	.4	4.5	2.1	.2																													61	61	73	49	
30/ 29	.2	5.2	2.6	.6																													73	73	87	66	
28/ 27	.4	4.7	2.1	.2																													63	63	59	73	
26/ 25		4.4	1.5	.1																													51	51	64	68	
24/ 23		2.5	1.2	.1																													32	32	53	50	
22/ 21		3.3	.8	.2																													37	37	46	55	
20/ 19	.4	3.3	.1	.1																													33	33	26	58	
18/ 17	.4	3.8																															35	35	46	58	
16/ 15	.4	3.2	.2																														32	32	38	20	
14/ 13	.5	2.8	.2																														30	30	25	27	
12/ 11	.4	1.7	.1																														18	18	30	46	
10/ 9	.2	3.3																															30	30	27	51	
8/ 7	.4	1.7																															17	17	24	19	
6/ 5		1.3																															11	11	14	19	
4/ 3		1.3																															11	11	9	32	
2/ 1		1.3																															11	11	16	22	
0/ -1	.7																																6	6	9	17	
-2/ -3	.2																																2	2	7	11	
-4/ -5		.1																															1	1	1	8	
-6/ -7																																				5	
-8/ -9	.2																																	2	2	2	10
Element (X)	ΣX ²		ΣX		X	X̄	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																																					

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
-2/-3	.1																	1	1	1	16															
-4/-5																					10															
-6/-7																					4															
-8/-9																					15															
-10/-11																					3															
-12/-13																					1															
-14/-15																					3															
TOTAL	1.1	46.6	27.3	13.2	7.2	2.4	.8	.4	.1	.4								846	846	846	846															
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	3847286	55816	66.0	13.963	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84																								
Dry Bulb	887898	25408	30.0	12.154	846	.1	46.9	.2				84																								
Wet Bulb	696206	22552	26.7	10.605	846	.4	57.8					84																								
Dew Point	439317	16433	19.4	1.923	846	7.1	75.0					84																								

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

FEB

STATION STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
68/ 67																		2	2	
64/ 63														.1				1	1	
62/ 61															.1			1	1	
60/ 59											.1							1	1	
58/ 57			.1	.1	.1						.1							4	4	
56/ 55			.1		.2	.2				.2								7	7	
54/ 53				.2	.4	.1	.1											7	7	2
52/ 51				.5	.4	.1	.1	.1										10	10	2
50/ 49				.7	.8	.4	.4											19	19	2
48/ 47			.4	.6	.6	.4												18	18	6
46/ 45		.4	.5	1.1	.8	.4												26	26	13
44/ 43		.7	1.3	2.0	.7	.5												44	44	20
42/ 41		.4	.5	1.2	.8	.2												26	26	31
40/ 39		.5	2.0	1.3	.5	.1												37	37	27
38/ 37		1.2	2.0	1.5	.7													46	46	44
36/ 35		2.4	2.6	.6	.2													49	49	52
34/ 33		3.7	3.8	1.2	.4													76	76	65
32/ 31	.4	3.7	2.1	.6	.1													58	58	81
30/ 29	.4	2.4	2.6	.7														51	51	73
28/ 27	.4	4.0	2.0	.2	.1													57	57	46
26/ 25		2.8	1.7	.2	.1													41	41	64
24/ 23		1.9	1.3	.2														29	29	38
22/ 21		3.3	1.7	.2														44	44	45
20/ 19		3.0	.6															30	30	38
18/ 17	.4	3.0	.7															34	34	34
16/ 15		2.4	.8															27	27	36
14/ 13		2.4	.2															22	22	30
12/ 11		2.4	.1															21	21	20
10/ 9	.1	2.4	.1															22	22	24
8/ 7		2.2	.1															20	20	22
6/ 5		.7																5	6	14
4/ 3		.7																5	6	8
2/ 1		.4																3	3	5
0/ -1																				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	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OL A) JUL 64 USAFETAC REVISED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 19-78 YEARS FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
78/ 77												.0	.0																		2	2			
76/ 75												.0	.0																		3	3			
74/ 73												.0	.0																		3	3			
70/ 69												.0	.0																		2	2			
68/ 67												.1	.0																		6	6			
66/ 65											.0	.0																			5	5			
64/ 63								.0		.1	.0	.0																			11	11			
62/ 61							.0		.1	.1	.0																				15	15			
60/ 59				.0		.1	.0	.1	.0																						16	16			
58/ 57			.0	.1	.0	.1	.1	.1																							29	29			
56/ 55			.1	.1	.1	.3	.1	.1																							43	43	1		
54/ 53		.1	.0	.1	.2	.4	.1	.2																							78	78	10		
52/ 51			.0	.1	.2	.2	.2	.0																							56	56	26		
50/ 49		.0	.1	.2	.4	.2	.2	.0																							74	74	19	15	
48/ 47		.1	.1	.4	.5	.3	.1																								111	111	49	9	
46/ 45		.2	.3	.7	.5	.3	.1	.0																							140	140	89	13	
44/ 43		.2	.7	.8	.6	.2	.0																								175	175	90	10	
42/ 41	.0	.2	.5	1.2	.3	.1	.0																								160	160	133	35	
40/ 39	.0	.4	1.5	1.1	.3	.1																									229	229	184	41	
38/ 37	.0	1.1	2.2	.9	.2	.0																									299	299	226	67	
36/ 35	.1	2.4	2.4	.9	.2	.0																									400	400	337	115	
34/ 33	.2	3.9	2.8	.9	.2																										542	542	489	189	
32/ 31	.3	3.6	2.1	.6	.0																										450	450	551	370	
30/ 29	.4	4.0	2.2	.5	.0	.0																									490	490	582	507	
28/ 27	.5	3.9	2.5	.4	.1																										497	497	482	574	
26/ 25	.2	3.8	1.4	.1	.0																										379	379	481	504	
24/ 23	.1	3.0	1.0	.1	.0																										279	279	416	374	
22/ 21	.2	3.4	.9	.1																											307	307	370	411	
20/ 19	.4	3.1	.5	.0																											279	279	270	409	
18/ 17	.3	2.4	.4																												209	209	306	403	
16/ 15	.4	3.1	.4																												263	263	246	335	
14/ 13	.4	2.6	.2																												216	216	271	245	
12/ 11	.4	2.5	.1																												210	210	199	325	
10/ 9	.2	3.0	.2																												745	245	245	362	
Element (X)	Σx'		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

FEB

STATION

STATION NAME

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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
8/ 7	.5	1.8	.1															152	152	204	202
6/ 5	.2	1.1																86	86	133	164
4/ 3	.2	1.0																86	86	86	225
2/ 1	.1	1.1																80	80	90	204
0/ -1	.5	.2																47	47	76	119
-2/ -3	.3	.3																41	41	48	118
-4/ -5	.1	.1																16	16	19	63
-6/ -7	.1	.0																9	9	12	60
-8/ -9	.2																	12	12	12	87
-10/-11	.0																	3	3	3	68
-12/-13	.1																	5	5	5	45
-14/-15	.1																	5	5	5	42
-16/-17	.0																	1	1	1	17
-18/-19	.0																	2	2	2	22
-20/-21																					6
-22/-23																					4
-24/-25																					8
-26/-27																					1
TOTAL	6.9	52.6	2.8	9.2	4.0	2.2	1.2	.6	.2	.1	.0	.1	.0					6768	6768	6768	6768

Element (X)	ΣX^2	ΣX	\bar{X}	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.	33608154	466624	68.9	14.570	6768							
Dry Bulb	6212990	184796	27.3	13.134	6768	14.0	433.8	1.6	.8			672
Wet Bulb	4926439	165345	24.4	11.449	6768	18.2	507.9					672
Dew Point	3199456	120572	17.6	12.465	6768	65.5	623.0					672

USAF/TAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

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OFFUTT AFB NE
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0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.1													1	1		
66/ 65				.2						.1								3	3		
62/ 61						.2												2	2	3	
60/ 59		.1		.2	.2			.1	.1									7	7		
58/ 57		.3		.1	.1				.1									6	6	2	3
56/ 55		.4	.4	.1	.1	.1												11	11	4	4
54/ 53		.4	.3	.1	.6	.5												19	19	7	4
52/ 51		.3	.2	.5	.4	.2												16	16	12	5
50/ 49		.1	.5	.3	.1													10	10	7	7
48/ 47		1.3	1.1	.8	.9	.2												39	39	11	3
46/ 45		1.5	1.4	1.0	1.1													46	46	38	10
44/ 43		1.4	2.5	.6	.6													48	48	30	19
42/ 41		2.5	1.9	.9	.6													55	55	40	25
40/ 39	.1	2.6	2.0	.9	.4													56	56	73	27
38/ 37	.1	1.0	2.7	1.1	.1													46	46	50	49
36/ 35	.4	3.2	2.4	1.3														68	68	49	47
34/ 33	.8	3.9	2.4	1.0														74	74	88	45
32/ 31	.4	4.7	3.1	.2	.1													80	80	72	69
30/ 29	.5	4.3	1.6	.4														66	66	86	61
28/ 27	.6	7.0	.8	.2														80	80	90	91
26/ 25	.1	2.9	.8															35	35	69	81
24/ 23		2.5	.6															29	29	37	50
22/ 21		2.2	.5															25	25	33	70
20/ 19	.1	2.7	.3															29	29	22	67
18/ 17		1.4																13	13	29	29
16/ 15	.2	1.5																16	16	16	25
14/ 13		2.3																21	21	16	25
12/ 11		1.7																16	16	23	22
10/ 9	.3	.2																5	5	15	31
8/ 7	.2																	2	2	2	27
6/ 5		.1																1	1	1	7
4/ 3		.2																2	2	2	15
2/ 1		.2																2	2	1	6
0/ -1	.1																	1	1	2	
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A) JUL 54 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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HOURS (L. S., T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	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		
-2/ -3																							
-4/ -5																							
TOTAL	4.3	52.9	25.6	9.9	5.6	1.3	.1	.2		.1								930	930	930			

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.	5239721	68789	74.0	12.776	930									
Dry Bulb	1186671	31599	34.0	11.030	930	.1	42.3		.1					93
Wet Bulb	996746	28992	31.2	10.002	930	.2	51.6							93
Dew Point	746403	24320	26.2	10.903	930	.6	68.2							93

GLOBAL CLIMATOLOGY BRANCH
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
60/ 59					.1		.2											3	3																	
58/ 57		.2	.3			.2	.1											8	8																	
56/ 55		.9	.2	.2	.1	.1												14	14	3																
54/ 53		.2			.3													5	5	11	5															
52/ 51		.3	.3	.2	.6													14	14	4	9															
50/ 49		.1	.1		.3	.2												7	7	8	4															
48/ 47		.9	.6	.2	.3	.3												22	22	7	3															
46/ 45		2.0	1.4	.4	.3													39	39	22	7															
44/ 43		.9	1.6	.9	.2													33	33	31	18															
42/ 41		2.3	1.4	.8	.2													43	43	34	19															
40/ 39	.1	3.7	1.8	1.3	.3													67	67	51	20															
38/ 37	.5	2.6	1.8	.3														49	49	61	47															
36/ 35	.4	3.7	2.8	.3														57	67	55	53															
34/ 33	1.2	4.5	2.2	1.6														88	88	82	47															
32/ 31	.4	4.8	2.8	.1														76	76	84	57															
30/ 29	.3	5.2	2.2	.1														72	72	74	78															
28/ 27	.8	6.3	1.4	.5														84	84	86	77															
26/ 25	.5	4.5	.2															49	49	82	77															
24/ 23	.5	2.9	.1															33	33	55	48															
22/ 21		2.8	.5															31	31	27	84															
20/ 19	.3	1.8																20	20	32	66															
18/ 17	.1	2.8																27	27	18	38															
16/ 15	.1	1.3																13	13	32	19															
14/ 13	.1	.6																7	7	7	36															
12/ 11		2.0																19	19	10	19															
10/ 9	.3	2.3																24	24	31	29															
8/ 7	.4	.6																10	10	13	17															
6/ 5	.1																	1	1	5	5															
4/ 3																					19															
2/ 1	.2																	2	2	2	14															
0/ -1		.3																3	3		6															
-2/ -3																				3	5															
-4/ -5																					1															
-10/ -11																					2															
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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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
-12/-13																					1
TOTAL	6,660	521.8	7.0	2.9	.9	.3											930	930	930	930	

Element (X)	Σx^1	Σx	\bar{x}	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.	5595949	71289	76.7	11.889	930							93
Dry Bulb	1064309	29815	32.1	10.805	930	.3	47.1					93
Wet Bulb	915320	27654	29.7	10.006	930	.3	56.1					93
Dew Point	705067	23491	25.3	10.965	930	1.5	69.8					93

USAFETAC FORM 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 STATION OFFUTT AFB NE STATION NAME 9-78 YEARS MAR MONTH
 PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
60/ 59					.1																										1	1			
58/ 57		.2					.1																								3	3			
56/ 55		.3	.3		.3	.2																									11	11	2	2	
54/ 53		.5	.1	.4	.3																										13	13	10	1	
52/ 51		.3	.1		.2	.2																									8	8	3	3	
50/ 49		.2	.1		1.0	.1																									13	13	5	9	
48/ 47		1.1	.4	.4	.1	.2																									21	21	13	3	
46/ 45		1.5	1.7	.4	.4																										36	38	13	7	
44/ 43		.8	1.4	1.0																											29	29	27	16	
42/ 41		1.7	.3	.5																											24	24	37	10	
40/ 39		3.3	1.8	1.3	.1																										61	61	40	20	
38/ 37	.2	4.0	2.5	.4																											66	66	56	39	
36/ 35	.6	3.0	2.3	.1																											56	56	65	56	
34/ 33	1.1	4.5	3.8	.9																											95	95	82	50	
32/ 31	.3	6.7	2.4	.2																											89	89	85	64	
30/ 29	.4	4.0	1.8	.3																											61	61	92	74	
28/ 27	1.0	7.4	1.3	.2																											92	92	67	94	
26/ 25	.3	3.7	.4																												41	41	89	75	
24/ 23	.4	3.4	.2																												38	38	51	47	
22/ 21	.2	3.2	.4																												34	34	33	69	
20/ 19	.2	2.6	.1																												27	27	31	65	
18/ 17	.2	2.3																													23	23	30	42	
16/ 15	.2	1.4																													15	15	20	32	
14/ 13		1.2																													11	11	13	26	
12/ 11		1.1	.1																												11	11	7	29	
10/ 9	.2	1.7																													18	18	14	21	
8/ 7	.6	1.2																													17	17	23	15	
6/ 5	.1	.3																													4	4	12	13	
4/ 3	.3	.1																													4	4	4	7	
2/ 1	.1																														1	1	1	12	
0/ -1	.1																														1	1	1	12	
-2/ -3	.2	.1																													3	3	3	5	
-4/ -5	.1																														1	1	1	7	
-6/ -7																																		2	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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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							.1												1	1																
70/ 69							.1												1	1																
68/ 67							.1			.1									2	2																
66/ 65								.1		.1									2	2																
64/ 63						.2	.2	.1	.3	.1									9	9																
62/ 61				.1			.3	.1	.1										6	6																
60/ 59			.2	.1	.2	.2	.3	.2											12	12	1															
58/ 57			.2	.1	.2	.2	.1	.1											9	9	3															
56/ 55		.2	.1	.4	.4	.6	.2	.1											20	20	4	1														
54/ 53		.9	.2	.4	.8	.2	.1	.1											25	25	11	4														
52/ 51			.6	.5	.6	1.1	.4												31	31	10	9														
50/ 49		.5	.9	.5	1.3	.6	.1												37	37	17	4														
48/ 47	.1	.5	.3	1.7	.6	.5	.1												37	37	35	8														
46/ 45		1.5	1.1	1.9	.9	.3	.1												54	54	36	17														
44/ 43		1.0	1.3	.5	1.0	.2													37	37	42	16														
42/ 41		1.7	1.9	2.4	.2														58	58	61	27														
40/ 39		2.5	1.6	1.9	.8	.2													65	65	60	28														
38/ 37	.2	2.3	1.6	1.7	.4														58	58	58	50														
36/ 35	.5	2.5	2.7	1.6	.5	.1													74	74	74	52														
34/ 33	.6	2.6	2.4	1.5	.1														67	67	64	67														
32/ 31	.9	1.7	1.8	.5															46	46	74	70														
30/ 29	.4	2.5	3.2	.2															59	59	63	69														
28/ 27	.2	3.2	2.5	.5															60	60	60	69														
26/ 25		1.8	1.9	.3															38	38	55	61														
24/ 23		1.4	1.0																22	22	40	49														
22/ 21		1.9	.9																26	26	38	63														
20/ 19		1.8	.3																20	20	27	54														
18/ 17		.8	.2																9	9	25	32														
16/ 15		1.1	.2																12	12	9	31														
14/ 13		1.1	.1																11	11	10	30														
12/ 11	.1	.4	.2																7	7	11	31														
10/ 9	.1	1.0																	10	10	11	29														
8/ 7		.1																	1	1	6	22														
6/ 5	.1	.1																	2	2	2	9														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAF/TAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
4/ 3																					1	11				
2/ 1		.1																1	1	1	5					
0/ -1		.1																1	1		2					
-2/ -3																					1	2				
-4/ -5																						4				
-6/ -7																						1				
-8/ -9																						2				
-10/-11																						1				
TOTAL	3.3	35.3	7.5	7.2	8.1	4.6	2.4	.9	.4	.3								930	930	930	930					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4490264	62870	67.6	10.077	930							93
Dry Bulb	1390364	34270	36.8	11.717	930	.1	32.5	.4				93
Wet Bulb	1100854	30594	32.9	10.081	930	.1	43.4					93
Dew Point	767691	24511	26.4	11.207	930	1.2	64.7					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
82/ 81																		1	1	
80/ 79												.2			.1	.1		4	4	
78/ 77												.1						2	2	
76/ 75											.1				.2	.1	.1	5	5	
74/ 73											.1				.1	.1		4	4	
72/ 71											.3				.1	.3		7	7	
70/ 69							.1	.1	.1	.3	.5				.2			13	13	
68/ 67							.2	.1	.2	.2								7	7	
66/ 65				.1	.3	.1	.0	.1	.0									12	12	
64/ 63				.2	.2	.3	.4	.6	.1	.1								19	19	1
62/ 61			.2	.3	.8	.9	.3	.1	.1									25	25	4
60/ 59		.1	.2	.2	.4	.4	.3	.4	.1	.1								22	22	8
58/ 57			.2	.4	.6	.5	.2	.6										25	25	8
56/ 55		1.0	.6	.4	1.0	.3	.3	.3										37	37	12
54/ 53		.1	.1	.8	.2	.8	1.5	.9										40	40	32
52/ 51			.2	.9	1.2	.9	1.1	.2										41	41	31
50/ 49	.1	.3	.8	1.1	.6	.4	.9											39	39	43
48/ 47		.5	.4	.9	1.0	.3	.1											39	39	34
46/ 45		1.2	1.0	1.3	1.1	.6	.3											51	51	42
44/ 43		1.1	1.4	1.3	1.7	1.0												60	60	57
42/ 41		.9	.6	1.0	1.6	.4												42	42	58
40/ 39		1.6	1.2	1.6	2.0	.3												63	63	68
38/ 37		1.1	.9	1.7	.8	.2												43	43	56
36/ 35		1.9	1.9	1.1	.2	.2												50	50	59
34/ 33	.6	1.8	1.9	1.3	.6													60	60	89
32/ 31	.3	1.6	2.5	1.1	.4													49	49	67
30/ 29		.6	2.6	1.2														41	41	46
28/ 27	.1	1.1	2.2	1.2														42	42	52
26/ 25		.9	.8	.4														19	19	38
24/ 23		.4	.8		.1													12	12	46
22/ 21		.8	1.0	.1														17	17	18
20/ 19		1.7	.5	.1														22	22	13
18/ 17		.5	.2															7	7	27
16/ 15		.2	.1															3	3	10
Element (X)	ΣX'	ΣX	X̄	%	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																				

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	1	4	36	
12/ 11		.1	.3															4	4	1	23	
10/ 9		.1																1	1	1	33	
8/ 7		.1																1	1	4	19	
6/ 5																				1	10	
4/ 3																					5	
-2/ -3																					1	
-4/ -5																					6	
-8/ -9																					2	
TOTAL	1.3	19.2	21.9	18.1	13.8	9.1	6.7	4.3	1.9	1.7	.5	1.0	.3	.1					930		930	
																		930			930	

Element (X)	Σx²	Σx	\bar{x}	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.	3443006	53840	57.9	18.735	930							
Dry Bulb	1867249	39785	42.8	13.338	930			4.3	1.6	.2		93
Wet Bulb	1340187	33939	36.5	10.459	930			32.8				93
Dew Point	828553	25551	27.5	11.072	930	.9	60.8					93

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
82/ 81									.2	.1	.1						4	4		
80/ 79										.1	.1	.1	.5	.1			8	8		
78/ 77										.1				.2	.1		4	4		
76/ 75								.2	.2	.1	.4	.1	.1				11	11		
74/ 73								.1	.1	.1		.1					4	4		
72/ 71							.1		.1	.1	.3	.3					8	8		
70/ 69						.1	.1	.2	.3	.5		.1					13	13		
68/ 67					.3	.2	.4	.3	.2	.2							16	16		
66/ 65			.3	.5	.1	.4	.5	.1	.8		.3						29	29		
64/ 63				.2	.1	.3	.2	.4	.1	.2							15	15	.3	
62/ 61						.3	.4	.5	.4	.3							15	15	.5	
60/ 59				.2	.4	.5	.4	.5	.5								25	25	17	2
58/ 57				.4	.6	.6	.5	1.1	.6	.4							41	41	9	1
56/ 55		.6		.3	.5	.5	.3	.8	.4								33	33	19	4
54/ 53		.1		.8	.1	1.0	1.1	1.3									40	40	34	15
52/ 51		.3	.6	.5	1.0	.9	1.0	.8									47	47	27	10
50/ 49		.6	.5	.3	1.1	.5	.4	.2									35	35	42	7
48/ 47		1.0	.2	.6	.8	.9	.5	.3									40	40	47	12
46/ 45		1.1	.6	.6	1.0	1.5	.8										60	60	37	31
44/ 43		.6	.5	1.0	2.3	1.0	.1										52	52	58	33
42/ 41		1.2	1.2	.9	1.7	.6	.1										53	53	66	28
40/ 39		1.0	.8	1.4	1.3	.5											46	46	61	38
38/ 37		.9	1.9	1.9		.8	.1										52	52	53	30
36/ 35	.2	2.0	1.9	1.2	.2												52	52	68	48
34/ 33	.2	1.6	1.5	1.1													41	41	101	50
32/ 31	.2	.3	1.6	.4	.3												27	27	59	52
30/ 29		.9	2.7	1.6													48	48	38	53
28/ 27	.6	.5	1.9	1.3													41	41	39	74
26/ 25		.5	1.0	.1													15	15	37	80
24/ 23		1.0	.6	.2													23	23	44	49
22/ 21		.4	1.0														13	13	28	58
20/ 19		.5	.8														12	12	13	56
18/ 17		.1															1	1	13	46
16/ 15																			6	35
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
14/ 13		.1	.1															2	2		26			
12/ 11		.4																4	4	1	25			
10/ 9																				5	30			
8/ 7																					16			
6/ 5																					9			
4/ 3																					3			
2/ 1																					1			
0/ -1																					2			
-2/ -3																					3			
-4/ -5																					3			
TOTAL	1.3	10.7	19.9	15.7	12.7	10.8	7.2	6.9	3.1	2.5	1.0	1.1	.8	.4	.1			930	930	930	930			
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel Hum.	3169057	51145	55.01	4.586	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93												
Dry Bulb	2047870	41686	44.81	3.895	930		18.6	6.8	3.1	.5		93												
Wet Bulb	1420961	35027	37.71	4.664	930		28.3					93												
Dew Point	845565	25851	27.81	1.672	930	.8	62.1					93												

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																		
78/ 77											.1																					1	1					
76/ 75											.1	.1	.1																			3	3					
74/ 73											.1	.1																				2	2					
72/ 71											.1	.1	.2																			5	5					
70/ 69										.5	.2												.1									6	6					
68/ 67							.1	.2	.1			.1	.1																			6	6					
66/ 65				.1	.2	.2	.3			.3	.3																					14	14					
64/ 63			.2	.4	.4	.4	.4			.4	.2																					21	21					
62/ 61			.2	.2	.4	.2	.3	.4	.3																							20	20					
60/ 59		.1	.2	.4	.4	.1	.2					.1																				15	15	10				
58/ 57		.1		.5	.4	.5	.4	.4	.1																							24	24	17	1			
56/ 55		.3		.2	.2	.8	.2	.8	.2	.6	.2																					24	24	15	8			
54/ 53		.2	.3	.8	.2	.3	.8	.3																									27	27	19	12		
52/ 51		.2	.5	.6	1.1	.8	1.2																										41	41	18	3		
50/ 49		1.0	.5	1.9	.9	1.0	.5	.1																									55	55	22	11		
48/ 47		.5	.3	1.3	.5	1.3	.1																										38	38	44	24		
46/ 45		1.4	1.3	1.0	1.2	1.2	.2																											58	58	40	19	
44/ 43		1.2	1.0	1.1	1.5	.9																												52	52	30		
42/ 41		1.5	1.1	2.0	.8	.2																												52	52	63	23	
40/ 39		1.2	1.4	2.0	1.2	.3																												57	57	65	33	
38/ 37	.1	.3	1.9	1.8	.4	.1																												44	44	67	47	
36/ 35		1.6	3.1	1.4	.5	.1																												63	63	48	45	
34/ 33	.5	2.9	1.9	1.4	.2																													65	65	87	39	
32/ 31	.2	1.5	2.0	.1	.3																													39	39	86	58	
30/ 29	.2	1.3	1.5	.3	.1																													32	32	54	61	
28/ 27	.5	1.5	2.5	1.1																														52	52	44	76	
26/ 25	.1	1.1	2.5																															34	34	41	84	
24/ 23		1.5	1.1																															24	24	41	55	
22/ 21		.6	.9																															14	14	37	57	
20/ 19		.9	1.0																															17	17	12	48	
18/ 17	.1	1.3	.2																															15	15	20	45	
16/ 15		.4																																4	4	18	35	
14/ 13																																				4	16	
12/ 11																																				26		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		.3																3	3		29				
8/ 7		.2																2	2	4	29				
6/ 5		.1																1	1	2	6				
4/ 3																					2				
2/ 1																					2				
-2/ -3																					4				
-4/ -5																					1				
-6/ -7																					1				
TOTAL	1.8	23.3	75.7	8.8	10.9	8.6	5.2	2.4	1.6	1.1	.3	.3					930	930	930	930					

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	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.	3810632	57260	61.6	17.519	930							93
Dry Bulb	1719747	38203	41.1	12.725	930		23.7	2.3	.6			93
Wet Bulb	1284633	33193	35.7	10.371	930		36.3					93
Dew Point	836082	25756	27.7	11.496	930	.6	63.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
68/ 67				.1														1	1		
66/ 65			.1			.1												2	2		
64/ 63				.1	.1	.1	.2	.1	.4									10	10		
62/ 61		.1		.2	.1	.2			.1									7	7		2
60/ 59		.3	.2	.3	.1				.2									11	11	1	1
58/ 57		.5	.1	.5		.3	.1	.1										16	16	8	4
56/ 55		.4	.3	.1	.2	.4	.3											17	17	9	4
54/ 53		.2	.6	.5	.3	.5												21	21	10	9
52/ 51		.1	.5	.9	.2	.3	.2											21	21	14	5
50/ 49		.5	.6	.6	.3	.3	.1											24	24	11	4
48/ 47		1.1	.9	1.1	1.0	.6	.1											44	44	31	13
46/ 45		1.9	1.9	2.7	1.4	.5												79	79	35	22
44/ 43		.8	2.0	.6	.9													40	40	45	14
42/ 41		1.8	1.0	2.2	1.0	.2												57	57	57	29
40/ 39		2.9	1.7	1.8	.2	.1												63	63	71	30
38/ 37		.9	1.9	1.5	.2													42	42	51	57
36/ 35	.3	1.9	2.3	1.3	.2													56	56	59	44
34/ 33	.3	3.8	3.7	1.3	.5													89	89	77	47
32/ 31	.5	2.7	2.9	.4	.1													62	62	85	60
30/ 29	.3	3.5	2.5	.1														60	60	73	72
28/ 27	.5	1.9	1.2	.4														38	38	74	81
26/ 25		3.3	1.5	.2														47	47	35	78
24/ 23	.1	1.8	1.1															28	28	50	47
22/ 21		1.8	1.1															27	27	34	68
20/ 19		1.2	.1															12	12	25	47
18/ 17	.1	2.2	.1															22	22	19	37
16/ 15		1.8																17	17	24	22
14/ 13		1.0																9	9	17	31
12/ 11		.2																2	2	6	18
10/ 9																				1	38
8/ 7		.1																1	1		31
6/ 5		.1																1	1	1	5
4/ 3		.4																4	4	5	5
2/ 1																					1
Element (X)	Z _x ¹	Z _x	X̄	s _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																					

USAF/TAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
-2/ -3																																						2
-4/ -5																																						3
-6/ -7																																					1	
TOTAL	2.3	39.5	28.4	17.1	6.9	3.9	1.1	.4	.5																										930	930	930	
Element (X)	ΣX^2		ΣX		\bar{X}	s_x		No. Obs.		Mean No. of Hours with Temperature						Total																						
Rel Hum	4668583		64509		69.4	14.449		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb	1387265		34277		36.9	11.361		930			33.0	.1																										
Wet Bulb	1119652		30878		33.2	10.082		930			44.9																											
Dew Point	804005		25273		27.2	11.232		930		.6	64.7																											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		*31	Dry Bulb	Wet Bulb
82/ 81									.0	.0	.0							5	5	
80/ 79									.0	.0	.0	.1	.0					12	12	
78/ 77								.0	.0	.0				.0	.0			7	7	
76/ 75								.0	.0	.0	.1	.0	.0					19	19	
74/ 73								.0	.0	.0	.0	.0	.0					10	10	
72/ 71							.0	.0	.1	.1	.1							21	21	
70/ 69					.0	.1	.1	.1	.1	.1	.0	.0						33	33	
68/ 67				.0	.1	.1	.1	.1	.1	.1	.0	.0						33	33	
66/ 65			.1	.1	.1	.1	.1	.1	.1	.1	.0							62	62	
64/ 63			.0	.1	.1	.2	.2	.2	.2	.1								74	74	4
62/ 61		.0	.1	.1	.1	.2	.2	.2	.1	.1								75	75	14
60/ 59		.1	.1	.2	.3	.2	.2	.2	.1	.0								96	96	37
58/ 57		.2	.1	.2	.2	.3	.2	.3	.2	.1	.0							132	132	47
56/ 55		.5	.2	.3	.3	.5	.2	.2	.1	.0								167	167	68
54/ 53		.3	.2	.5	.4	.4	.4	.3										190	190	134
52/ 51		.2	.4	.5	.7	.5	.5	.1										219	219	119
50/ 49	.0	.4	.5	.6	.7	.4	.3	.0										220	220	155
48/ 47	.0	.9	.5	.9	.6	.6	.1	.1										280	280	222
46/ 45		1.5	1.3	1.2	1.0	.5	.2											425	425	263
44/ 43		1.0	1.5	.9	1.0	.4	.0											351	351	342
42/ 41		1.7	1.2	1.3	.8	.2	.0											384	384	416
40/ 39	.0	2.3	1.5	1.5	.8	.2												478	478	489
38/ 37	.1	1.6	1.9	1.3	.2	.1	.0											400	400	452
36/ 35	.3	2.5	2.4	1.0	.2	.1												486	486	477
34/ 33	.7	3.2	2.5	1.2	.2													579	579	690
32/ 31	.4	2.9	2.4	.4	.2													468	468	612
30/ 29	.3	2.8	2.3	.5	.0													439	439	526
28/ 27	.6	3.6	1.7	.7														489	489	512
26/ 25	.1	2.3	1.1	.1														278	278	446
24/ 23	.1	1.9	.7	.0	.0													209	209	364
22/ 21		1.7	.8	.0														187	187	248
20/ 19	.1	1.7	.4	.0														159	159	175
18/ 17	.1	1.4	.1															117	117	181
16/ 15	.1	1.0	.0															80	80	135
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									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAF/TAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 1976 MAR
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13	.0	.8	.0															62	62	77	226
12/ 11	.0	.8	.1															63	63	59	193
10/ 9	.1	.7																61	61	78	240
8/ 7	.2	.3																34	34	52	176
6/ 5	.0	.1																10	10	24	64
4/ 3	.0	.1																10	10	12	67
2/ 1	.0	.0																6	6	5	41
0/ -1	.0	.1																6	6	3	22
-2/ -3	.0	.0																3	3	7	25
-4/ -5	.0																	1	1	1	28
-6/ -7																					5
-8/ -9																					4
-10/-11																					4
-12/-13																					1
-14/-15																					2
TOTAL	3.2	38.7	24.1	13.7	7.9	5.0	2.9	1.9	1.0	.7	.2	.3	.1	.1	.0			7440		7440	7440
																		7440		7440	

Element (X)	Σx^2	Σx	\bar{x}	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	36081755	501459	67.4	17.5	7440							
Dry Bulb	11686658	278840	37.5	12.8	7440	1.0	268.2	14.0	5.3	.7		744
Wet Bulb	9065307	247423	33.3	10.6	7440	1.1	351.1					744
Dew Point	6213744	197816	26.6	11.3	7440	9.1	525.2					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

APR

STATION

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																
72/ 71				.2																													2	2				
70/ 69			.1		.1					.1																							3	3				
68/ 67			.4	.3	.2				.2																								11	11				
66/ 65		.1	.8	.2	.7			.2		.1																							19	19		4		
64/ 63		.4	.7	.3	.2	.9		.7	.3																								37	32	5	4		
62/ 61		1.1	.8	.3	.6	.2	.6	.2																									34	34	17	6		
60/ 59		.3	1.4	.4	.6	.7	.1	.1																									33	33	22	17		
58/ 57		.4	.7	1.1	1.0	.4		.1																									34	34	22	13		
56/ 55		1.0	1.2	1.0	1.3	.3	.9																										57	52	20	14		
54/ 53		2.1	1.1	.7	1.3	.7	.4																											63	63	42	26	
52/ 51		.8	2.1	2.0	1.7	.4	.2	.1																										66	66	60	24	
50/ 49		1.7	1.1	2.3	1.4	.4																												63	63	49	42	
48/ 47		2.1	1.6	2.8	1.2	.9	.1																											78	78	55	19	
46/ 45	.4	3.1	3.2	2.6	1.8	.1	.3																											104	104	75	67	
44/ 43		2.0	1.8	1.7	.6	.2																												56	56	102	39	
42/ 41	.1	1.2	2.8	1.7	.1																													53	53	88	53	
40/ 39	.1	.9	2.6	.3	.2	.1																												38	38	71	80	
38/ 37	.1	.9	1.8	.4	.3																													32	32	67	71	
36/ 35		1.8	3.0	.7	.1																													50	50	49	61	
34/ 33		1.1	1.2	.6																														26	26	40	63	
32/ 31		.7	.7	.1																														13	13	45	61	
30/ 29		.6	.4	.1																														10	10	24	63	
28/ 27		1.0	.8																															16	16	15	55	
26/ 25		.2																																7	2	9	42	
24/ 23		.3																																3	3	11	17	
22/ 21		.1																																1	1	1	15	
20/ 19		.3																																3	3	4	6	
18/ 17																																						20
16/ 15		.2																																2	2	1	12	
14/ 13		.1																																1	1	1	4	
12/ 11																																					1	2
10/ 9																																					3	
8/ 7																																					1	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

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STATION

STATION NAME

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PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1	.2														3	3		
68/ 67			.2	.2														4	4		
66/ 65		.1	.6	.1	.1													8	8	2	
64/ 63		.6	.7	.2	.3	.6	.2											26	26	5	2
62/ 61		1.0	.6	.7	.6	.1	.2											28	28	16	6
60/ 59		.3	.7	1.1	.1	.3	.1											24	24	15	17
58/ 57	.4	1.0	.6	.4	.1	.1												24	24	17	17
56/ 55		.8	1.1	.8	1.1	.1												35	35	23	1
54/ 53		2.4	1.4	.7	1.2	.3	.1	.1										57	57	39	30
52/ 51		1.3	1.2	.8	1.0	.2	.4	.1										46	46	40	24
50/ 49		1.7	2.0	2.6	1.0	.3	.3											71	71	36	37
48/ 47	.1	1.8	2.0	1.7	.3	.2												60	60	53	30
46/ 45	.7	3.1	4.9	2.3	1.4	.3	.1											116	116	61	53
44/ 43	.2	2.4	2.7	2.1	.1	.1												69	69	95	33
42/ 41		2.3	2.0	1.8	.4													58	58	89	47
40/ 39		1.0	3.0	.3	.2													46	46	30	76
38/ 37	.0	1.9	2.0	.8														47	47	70	73
36/ 35		2.6	1.4	.2	.1													39	39	57	70
34/ 33		2.0	2.4	.7														50	50	50	63
32/ 31		1.7	1.4	.4														32	32	45	59
30/ 29		1.4	.4	.1														18	18	42	70
28/ 27	.3	.8	.6															15	15	28	55
26/ 25	.1	.6	.2															8	8	9	41
24/ 23		.3																3	3	10	71
22/ 21		.3	.2															5	5	5	19
20/ 19	.1	.3	.1															5	5	8	12
18/ 17																				2	19
16/ 15																					12
14/ 13																					3
12/ 11		.1																1	1	1	4
10/ 9		.2																2	2	2	1
8/ 7																					1
6/ 5																					4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 DUFFT AFB NF

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0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																
72/ 71			.1	.1																											2	2				
70/ 69			.1				.1																								2	2				
68/ 67			.7	.1	.1																									8	8	2				
66/ 65		.2	.4	.2	.1				.1																					10	10	4	2			
64/ 63		.2	.6	.3	.2	.6	.3																							20	20	6	5			
62/ 61		.3	.8	.9	.4	.3																								29	29	7	5			
60/ 59	.3	.6	1.7		.3	.3																								29	29	18	11			
58/ 57	.1	.9	.8	.8	.6	.1																								29	29	21	12			
56/ 55	.1	.9	1.0	1.0	.1	.2	.1																							31	31	29	9			
54/ 53	.1	1.8	.9	1.4	1.3	.1	.2	.1																						54	54	41	32			
52/ 51	.1	.8	2.1	1.2	1.7	.8	.2																							62	62	30	33			
50/ 49		1.0	2.7	1.7	.7	.1	.1																							56	56	35	22			
48/ 47		1.3	2.1	2.7	.8	.4																								66	66	50	25			
46/ 45	.7	3.6	3.4	1.8	.8	.6																								97	97	73	54			
44/ 43	.3	3.0	4.7	1.9	.3	.2																								94	94	92	48			
42/ 41		1.6	2.7	1.3																										50	50	87	51			
40/ 39	.1	1.7	3.7	.6	.2																									56	56	82	85			
38/ 37	.7	2.0	2.4	.4	.1																									51	51	80	57			
36/ 35		1.7	1.2	.2																										28	28	56	77			
34/ 33		2.2	1.9	.4	.1																									42	42	46	55			
32/ 31	.1	1.9	1.8																											34	34	39	73			
30/ 29		.7	.7	.2																										14	14	36	56			
28/ 27	.2	1.4	.6																											20	20	26	65			
26/ 25		.2	.2																											4	4	17	32			
24/ 23		.4																												4	4	6	19			
22/ 21		.2	.1																											3	3	7	23			
20/ 19	.1	.3	.2																											6	6	7	16			
18/ 17																																5	13			
16/ 15																																	5			
14/ 13		.1																													1	1	4			
12/ 11																																	1	5		
10/ 9	.1	.1																													2	2	2	1		
8/ 7																																		2		
6/ 5																																		3		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

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STATION

STATION NAME

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.12	9.17	7.47	7.37	7.97	3.97	1.17	.17										900	900	900	900
Element (X)	ΣX^2	ΣX	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum	4996336	65924	73.213	6.649	900	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	90									
Dry Bulb	1949247	40929	45.59	9.890	900		8.8	1.2				90									
Wet Bulb	1641673	37525	41.79	9.260	900		14.1	.2				90									
Dew Point	1329979	33277	37.01	10.525	900		31.7					90									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 49-73 APR
 STATION STATION NAME YEARS MONTH
 PAGE 2 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					5
12/ 11																					5
10/ 9																					3
8/ 7																					1
6/ 5																					1
TOTAL	1.2	12.2	10.2	7.0	2.1	8.2	12.1	9.1	4.3	2.3	1.1	.7	.1	.1				900		900	
																	900		900		
Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel Hum.	3635924	54990	61.1	17.523	900	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	90									
Dry Bulb	2636982	47738	53.0	10.800	900		2.3	10.0	3.2	.2		90									
Wet Bulb	2001263	41623	46.2	9.212	900		5.9	1.3	.1			90									
Dew Point	1469114	34970	38.9	11.078	900		26.9	.4				90									

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION STATION NAME

69-70 YEARS

APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
22/ 21																		5	5	4	17
20/ 19		0.0																		2	13
18/ 17																					10
16/ 15																					13
14/ 13																					4
12/ 11																					2
10/ 9																					3
TOTAL	1.2	10.2	8.8	10.2	12.0	14.9	13.8	9.9	7.8	5.0	2.4	2.2	.7	.2	.3	.2	.1		900	900	900

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	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.	2832875	47223	52.5	19.874	900							
Dry Bulb	3243449	52957	58.8	11.904	900		1.4	24.5	12.3	2.7		90
Wet Bulb	2247677	44219	49.1	9.140	900		3.1	2.8	.1			90
Dew Point	1523873	35555	39.5	11.517	900		25.4	.4				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

APR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
90/ 89																	.1	1	1		
88/ 87																	.2	.3	5	5	
86/ 85													.1						4	4	
84/ 83												.3	.1					.1	6	6	
82/ 81										.3	.2	.4	.3					.2	19	19	
80/ 79				.1	.1					.1	.4	.4	.4		.1	.3		.1	27	22	
78/ 77				.1	.3	.2	.4	.3	.1	.4	.2	.4			.1				25	25	
76/ 75				.1	.1	.1	.3	1.0	.9		.7	.2	.2	.2					35	35	
74/ 73					.1	.1	.9	.6	.9	.8	.4	.4	.2	.1					41	41	2
72/ 71			.2		.1	.8	.3	.4	.9	1.4	.8	.4	.2						51	51	4
70/ 69			.2	.1	.6	.7	.3	.2	1.0	.4			.3						35	35	8
68/ 67		.1	.1	.3	.7	.7	.6	1.4	.4	.3	1.0	.1							52	52	11
66/ 65		.3	.7	.4	.9	.6	.7	1.1	2.1	.9	.3								77	72	19
64/ 63	.1	.3	.8	.6	.9	.9	1.0	2.1	1.0	.6									74	74	23
62/ 61		.1	.3	.1	.1	.7	.9	1.0	1.3	.2	.3								46	46	54
60/ 59		.1	.1	.1	.7	.6	.7	1.4	.1										34	34	43
58/ 57		.1	.8	.6	1.3	1.1	2.0	.4	.4	.1									62	62	50
56/ 55	.1	.1	.1	.8	.6	1.8	1.8												47	47	52
54/ 53	.1		.7	.2	.2	.6	.9	.4											28	28	69
52/ 51		.1	1.1	.9	.4	.6	1.0	.1											38	38	64
50/ 49		.7	1.3	1.0	1.6	.6	.4												50	50	77
48/ 47	.3	1.3	.4	1.0	.6	.1		.1											35	35	100
46/ 45		1.6	.3	.1	.2	.6	.9	.2											35	35	98
44/ 43		.4	.9	.4	.3	.4	.1												24	24	59
42/ 41		.3	.3	.4	.6	.1													16	16	50
40/ 39		.3	.8	.4															14	14	34
38/ 37	.1	.4	.3	.4															12	12	19
36/ 35	.1	.3	.1																5	5	21
34/ 33		.1																	1	1	27
32/ 31		.2																	2	2	5
30/ 29																					2
28/ 27		.3																	3	3	3
26/ 25		.1																	1	1	32
24/ 23		.2																	2	2	1
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-70

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STATION

STATION NAME

YEARS

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PAGE 2

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
22/ 21		.3																3	3	3	14
20/ 19																			2	8	8
18/ 17																				13	13
16/ 15																				4	4
14/ 13																				3	3
10/ 9																					
TOTAL	.9	7.0	9.2	8.6	10.0	11.0	13.4	10.3	11.6	5.6	5.3	2.1	1.8	.6	.2	.2	.4	900	900	900	900
Element (X)	Z _X ¹	Z _X	X̄	s _X	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel Hum.	2554702	44330	49.37	20.320	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3452767	54679	60.81	2.061	900		1.1	29.6	15.8	4.0		90									
Wet Bulb	2306643	44857	49.8	8.882	900		1.6	2.5	.2			90									
Dew Point	1506779	35383	39.31	1.345	900		26.1	.7				90									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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STATION

STATION NAME

YEARS

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PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
86/ 85															.1		1	1		
84/ 83									.1	.1				.1			3	3		
82/ 81							.1	.1							.1		3	3		
80/ 79								.2	.2	.2	.2						8	8		
78/ 77					.2			.1	.1								6	6		
76/ 75				.1	.2		.3	.4	.2	.2	.4			.2			20	20		
74/ 73				.1	.1	.3	.1	.4	.3	.2	.2	.3					20	20		
72/ 71			.1	.1	.4	1.1	.7	.1	.9	.7	.2		.1				40	40		
70/ 69			.6	.2	.4	.7	.4	.9	.3	.8	.3	.1					43	43	4	
68/ 67		.4	.1	.4	.6	.7	.3	1.0	.2	.8	.1	.1					43	43	7	1
66/ 65			.4	.9	1.1	.3	.3	1.1	1.0	.2	.3						57	52	18	9
64/ 63		.2	.2	1.0	.8	.7	1.7	1.0	1.0	.4	.4						67	67	15	8
62/ 61			.4	.7	.6	1.0	1.0	1.6	1.4	.3							63	63	40	5
60/ 59		.1	.2	.7	1.0	1.0	1.9	1.4	.7	.3	.1						67	67	27	15
58/ 57		.2	.7	.6	.9	1.0	2.1	.4	.2	.1							56	56	53	17
56/ 55		.3	.6	.4	.6	1.2	1.6	.6	.2	.1							50	50	43	29
54/ 53		.4	.7	.6	1.2	1.6	.9	.2	.1								51	51	55	27
52/ 51	.1	.6	.7	.3	.9	1.2	.7										40	40	73	44
50/ 49	.3	1.1	1.1	1.0	.8	1.3	.3										54	54	89	28
48/ 47	.1	1.7	1.6	.9	.9	.3	.2										51	51	72	32
46/ 45	.1	1.1	.4	.8	1.4	.2	.3										40	40	104	56
44/ 43	.3	.7	1.4	.8	.3	.6	.1										38	38	85	46
42/ 41		.3	.6	.6	.2	.2	.1										18	18	48	67
40/ 39	.1	.7	.8	.3	.6												27	22	58	58
38/ 37		.4	.4	.2	.2	.1											13	13	28	58
36/ 35		.2	.4	.3													9	9	19	59
34/ 33		.8	.2	.2													11	11	23	84
32/ 31		.2															7	2	19	51
30/ 29			.1														1	1	10	58
28/ 27		.2															2	2	1	35
26/ 25			.1														1	1	3	43
24/ 23		.1															1	1		11
22/ 21		.3															3	3	3	16
20/ 19		.1															1	1	3	7
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																				

FORM 0-26-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE
 STATION STATION NAME

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PAGE 2

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					11
16/ 15																					15
14/ 13																					3
12/ 11																					4
10/ 9																					3
TOTAL	1.1	10.3	11.9	11.2	13.4	13.6	13.2	9.8	6.9	4.7	2.4	.8	.4		.2			900		900	
																		900		900	

Element (X)	Σx^2	Σx	\bar{x}	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.	2982804	48666	54.1	19.767	900							
Dry Bulb	3044426	51386	57.1	11.087	900		1.1	18.7	6.1	.8		90
Wet Bulb	2148336	43264	48.1	8.735	900		3.9	1.1				90
Dew Point	1466781	34941	38.8	11.084	900		25.7	.1				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT A B NF

69-70

APR

STATION

STATION NAME

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PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
78/ 77							.1		.1									2	2	
76/ 75								.1		.2	.1							4	4	
74/ 73							.1											1	1	
72/ 71			.1	.3	.1	.2	.1		.2									10	10	
70/ 69			.3	.1	.6	.6	.1	.1	.2		.1							19	19	
68/ 67			.3	.6	.6	.1	.4	.1	.2	.2								23	23	2
66/ 65			.6	.7	.2	.3	.3	.3	.6									27	27	6
64/ 63		.3	1.1	.9	.4	.7	1.1	.7	.2									49	49	10
62/ 61	.1	.4	1.1	1.1	.2	.7	.8	.1										41	41	29
60/ 59		.3	.8	.4	.7	1.7	.6	.4	.1									45	45	27
58/ 57		.3	1.3	.9	1.1	2.0	1.0	.8	.3									70	70	29
56/ 55		.8	1.1	.9	1.8	1.3	1.1	.4										67	67	32
54/ 53		1.1	.4	1.4	1.9	1.6	1.1		.1									69	69	46
52/ 51	.4	.9	.7	.7	2.9	.8	.7	.2										57	67	59
50/ 49		1.0	.8	2.1	1.7	.9	.2	.1										61	61	77
48/ 47	.1	2.8	1.7	1.8	2.0	.4		.1										80	80	67
46/ 45	.1	1.9	1.4	2.4	1.7	.6	.1											74	74	99
44/ 43	.3	1.0	1.1	1.2	.3	.2	.1											39	39	97
42/ 41		.9	.9	1.7	.2	.1												34	34	79
40/ 39		.4	1.7	.8	.4													30	30	65
38/ 37		1.1	.7	.4	.3	.1												24	24	49
36/ 35		.9	.3	.8	.1	.1												24	24	38
34/ 33		.7	.4	.1														11	11	29
32/ 31		.6	.6	.2	.1													13	13	17
30/ 29		.3	.4															7	7	18
28/ 27		.1	.2															3	3	11
26/ 25																				8
24/ 23																				8
22/ 21		.1																1	1	6
20/ 19		.4																4	4	9
18/ 17																				1
16/ 15		.1																1	1	8
14/ 13																				1
12/ 11																				2
Element (X)	Z _X ²	Z _X	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																				

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

9-78

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STATION

STATION NAME

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PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
90/ 89															.0		.0	3	3																
88/ 87																.0	.1	6	6																
86/ 85									.0						.0			7	7																
84/ 83									.1	.0					.0			15	15																
82/ 81						.0	.1	.1	.1	.1	.0	.1	.1	.0		.0		30	30																
80/ 79				.0	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0	.0	.0		53	53																
78/ 77				.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0				57	57																
76/ 75				.1	.1	.1	.1	.3	.2	.1	.2	.1	.1	.0				97	97																
74/ 73			.0	.1	.1	.1	.3	.2	.3	.2	.1	.1	.0		.0			113	113	4															
72/ 71			.1	.2	.1	.4	.2	.1	.3	.3	.2	.1	.1					153	153	7	1														
70/ 69			.2	.2	.3	.3	.3	.4	.3	.2	.1	.0	.1					174	174	22	4														
68/ 67		.1	.3	.3	.4	.3	.3	.3	.3	.3	.2	.1						214	214	48	11														
66/ 65		.1	.5	.4	.5	.3	.5	.5	.5	.2	.1							267	267	80	19														
64/ 63	.0	.3	.5	.6	.4	.7	.9	.6	.7	.3	.2							369	389	103	59														
62/ 61	.0	.4	.7	.7	.5	.7	.0	.5	.5	.1	.1							341	341	236	71														
60/ 59	.1	.3	.6	.5	.6	.8	.0	.7	.1	.1	.0							334	334	212	120														
58/ 57	.1	.5	.7	.7	.9	.8	1.0	.4	.2	.0								387	387	285	141														
56/ 55	.0	.6	.8	.8	1.0	1.0	1.0	.2	.1	.0								400	400	293	166														
54/ 53	.0	1.1	.8	1.0	1.3	1.0	.6	.2	.1									435	435	398	232														
52/ 51	.1	.7	1.3	1.0	1.3	.8	.5	.1										408	408	444	236														
50/ 49	.0	1.0	1.3	1.7	1.3	.7	.3	.0										462	462	495	239														
48/ 47	.1	1.7	1.5	1.7	1.1	.4	.1	.0										482	482	550	250														
46/ 45	.3	2.3	2.0	1.6	1.1	.4	.3	.0										581	581	709	468														
44/ 43	.2	1.5	1.6	1.2	.4	.3	.1											391	391	708	385														
42/ 41	.0	1.0	1.4	1.1	.3	.1	.0											281	281	560	470														
40/ 39	.1	.8	2.0	.5	.3	.1												262	262	506	355														
38/ 37	.2	.9	1.0	.5	.2	.0												205	205	378	321														
36/ 35	.0	1.0	1.0	.4	.1	.0												177	177	299	301														
34/ 33		.9	1.0	.3	.0													160	160	253	302														
32/ 31	.0	.8	.6	.1	.0													106	106	202	495														
30/ 29		.4	.3	.1														54	54	157	452														
28/ 27	.1	.6	.3															65	65	93	390														
26/ 25	.0	.2	.1															19	19	53	271														
24/ 23	.2																	14	14	31	141														
Element (X)	Z _X ²	Z _X	X	X 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																																			

USAFETAC FORM 0-16-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 59-78 4 MAY
STATION 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.	Drv Bulb	Wet Bulb	Dew Point				
78/ 77					.2													2	2						
76/ 75				.3	.2		.2											7	7						
74/ 73			.1	.0	.3	.8	.1											18	18						
72/ 71			.2	1.5	.8	.4		.1										28	28	2					
70/ 69			1.1	1.1	.6	.3	.3											33	33	5					
68/ 67		.2	2.4	1.6	1.2	.3	.4											57	57	16	3				
66/ 65		.9	1.8	1.8	.9	.0	.4	.1	.1									62	62	34	17				
64/ 63	.1	1.3	2.6	2.7	1.7	.6	.2											86	86	70	26				
62/ 61	.1	2.5	2.2	1.3	2.3	.5	.2	.2	.1									87	87	41	49				
60/ 59	.2	2.8	2.0	1.6	.8	.6	.4											79	79	90	58				
58/ 57	.2	1.0	3.4	2.4	.9	.4	.1											78	78	93	87				
56/ 55	.1	1.2	2.7	2.3	.8	.8	.3											75	75	55	58				
54/ 53	.1	1.7	2.3	2.2	.6	.3	.1	.1										69	69	104	55				
52/ 51		1.1	1.9	1.6	1.7	.3	.1											63	63	68	80				
50/ 49		1.2	1.6	1.1	.8	.1												44	44	67	57				
48/ 47	.1	1.7	1.1	1.1	.1	.1												39	39	76	63				
46/ 45	.2	1.8	1.0	1.3	.1	.1												48	48	63	91				
44/ 43		1.0	.0	.5	.0													26	26	58	56				
42/ 41		.5	.0	.5														16	16	29	48				
40/ 39		.1		.4	.1													6	6	27	47				
38/ 37		.1	.2															3	3	14	28				
36/ 35																				9	29				
34/ 33		.1		.2														3	3	5	27				
32/ 31			.1															1	1	1	19				
30/ 29																				2	9				
28/ 27																				1	10				
26/ 25																					2				
24/ 23																					5				
22/ 21																					5				
20/ 19																					1				
TOTAL	1.2	19.1	78.6	76.1	4.7	6.5	3.0	.5	.2									930	930	930	930				
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	5098283	67647	72.7	13.832	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	3176582	53808	57.9	8.258	930		.1	14.5	2.7			93													
Wet Bulb	2671906	49302	53.0	7.920	930		.4	2.3				93													
Dew Point	2293783	45333	48.7	9.499	930		5.1	.3				93													

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940
 STATION

OFFUTT AFB NE
 STATION NAME

9-76
 YEARS

YEARS

MAY
 MONTH

PAGE 1

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75				.1														1	1					
74/ 73				.2														2	2					
72/ 71				1.0	.1	.2												15	15					
70/ 69			1.3	1.3	.1													25	25	2				
68/ 67			2.5	1.1	.4	.1												38	38	11	1			
66/ 65	.1	.0	2.8	1.2	.6	.2												53	53	23	11			
64/ 63	.2	2.2	1.6	2.7	.4	.5		.1										72	72	59	19			
62/ 61	.2	2.9	1.7	2.7	.9	.1												79	79	54	55			
60/ 59		2.3	2.0	1.2	1.0	.3	.1											69	69	55	61			
58/ 57	.1	3.2	2.7	1.0	1.1	.2												77	77	73	49			
56/ 55	.4	1.3	2.7	2.2	.6													67	67	69	66			
54/ 53	.3	2.9	3.1	2.7	.3													87	87	63	60			
52/ 51	.1	1.6	2.8	2.0	.6	.2												69	69	83	74			
50/ 49	.2	1.3	2.3	1.0	.6	.1												51	51	78	66			
48/ 47		3.1	2.0	1.6	.4	.2												69	69	74	55			
46/ 45	.3	3.3	1.8	.9	.2													61	61	64	88			
44/ 43		1.2	1.3		.2													25	25	63	66			
42/ 41	.1	.5	1.4	.1														20	20	52	61			
40/ 39		1.6	1.3	.4	.1													32	32	27	50			
38/ 37		.3	.5	.1														9	9	30	34			
36/ 35			.3															3	3	17	37			
34/ 33		.2																2	2	11	24			
32/ 31		.1	.1															2	2	3	25			
30/ 29		.1	.1															2	2	1	7			
28/ 27																				3	10			
26/ 25																					2			
24/ 23																					4			
22/ 21																					5			
TOTAL	2.2	28.9	75.3	73.3	7.8	2.3	.1	.1										930	930	930	930			

USAF/TAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum	5685307	71921	77.3	1.522	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2903087	51361	55.2	4.466	930		.4	0.1	.3			93
Wet Bulb	2525470	47860	51.5	8.201	930		.7	1.3				93
Dew Point	2226271	44669	48.0	9.324	930		5.3	.1				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1976

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
76/75				.1	.4		.1											6	6		
74/73			.1	.9	.5													14	14		
72/71			.8	1.0	.4	.2	.1											23	23		
70/69		.1	1.4	1.6	.4	.5												38	38	6	
68/67		.1	2.5	1.2	1.1	.3	.1											49	49	22	4
66/65	.1	1.0	2.2	1.2	.5	.4	.1											51	51	34	16
64/63		3.0	2.3	2.5	.0	.2	.3											83	83	55	30
62/61		2.2	1.5	2.7	1.6	.5	.1	.1										81	81	68	67
60/59		1.8	2.5	1.7	1.1	.2	.2											70	70	59	56
58/57	.2	1.8	2.7	1.7	.8	.2												67	69	68	48
56/55	.1	2.0	2.8	2.5	1.3	.1	.1											83	83	84	56
54/53	.3	1.8	2.5	2.9	.5													75	75	82	67
52/51		1.8	3.2	1.7	.8	.2												72	72	75	65
50/49	.1	1.4	1.8	1.6	.2													48	48	77	79
48/47	.1	3.3	1.3	1.1	.4													58	58	81	60
46/45		1.1	1.9	1.3	.3													43	43	64	83
44/43	.2	.0	1.0	.0	.3													26	26	49	72
42/41		.5	.0	.1	.1													13	13	37	46
40/39		.3	1.0	.3														15	15	27	53
38/37		.3	.1	.1														5	5	16	26
36/35		.1	.2	.1														4	4	15	32
34/33			.1															1	1	6	28
32/31		.1	.1															2	2	2	18
30/29			.1															1	1	2	7
28/27																				1	9
26/25																					3
24/23																					1
22/21																					4
TOTAL	1.2	23.5	32.0	26.9	11.5	3.0	1.2	.1										930	930	930	930
Element (X)	Zx'	Zx	X	%x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel Hum	5364636	69780	75.0	11.779	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3078214	52924	56.9	8.457	930		.3	13.0	2.0			93									
Wet Bulb	2636850	48942	52.6	8.119	930		.5	2.8				93									
Dew Point	2296709	45403	48.8	9.286	930		4.2	.4				93									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

9-70

MAY

STATION STATION NAME

YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
86/ 85								.1	.1									2	2	
84/ 83							.3	.2	.2									7	7	
82/ 81						.6	.9	.3	.6									23	23	
80/ 79					.1	.8	.5	.4	.1	.1								19	19	
78/ 77			.2	1.1	.6	.6	.6	.3	.2									35	35	
76/ 75		.1	.3	.9	1.2	.6	.5	.5	.1	.1								41	41	
74/ 73		.2	1.2	1.4	.8	1.2	.6	.2	.1	.1								54	54	?
72/ 71		.6	1.8	1.8	1.3	.4	.8	.3	.2									68	68	20
70/ 69		.2	1.7	.9	1.3	1.5	.5	.6	.2	.2								67	67	34
68/ 67		.2	1.7	.9	1.6	1.3	.8	.2	.2									64	64	47
66/ 65		.6	1.2	1.9	1.3	1.3	1.1	.3	.3									75	75	72
64/ 63		.5	.9	2.8	1.3	1.7	1.6	.6	.1									90	90	77
62/ 61		.8	1.4	2.3	1.6	1.4	.4	.4										77	77	70
60/ 59		.4	.9	1.5	1.1	1.7	.8	.2	.1									62	62	79
58/ 57		1.0	1.4	1.0	1.7	1.1	.6	.3										66	66	81
56/ 55	.1	1.4	1.1	1.5	1.1	.6	.4											58	58	87
54/ 53	.1	.4	1.0	.9	1.2	1.1	.1											44	44	69
52/ 51		.8	1.2	.5	.3	.5	.2											33	33	81
50/ 49		.1	.8		.4	.5												17	17	73
48/ 47	.1	.3	.1	.2		.3												10	10	53
46/ 45		.9	.1	.1	.1													11	11	35
44/ 43			.1	.1	.1													3	3	23
42/ 41			.1	.1														2	2	11
40/ 39			.1	.1														2	2	10
38/ 37																				7
36/ 35																				2
34/ 33																				2
32/ 31																				
30/ 29																				
28/ 27																				
26/ 25																				
24/ 23																				
TOTAL	.1	7.6	14.6	18.2	18.5	18.4	11.2	6.6	3.4	1.0	.2							930	930	930
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature														
Rel Hum	3877709	58387	62.8	5.109	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	3937674	59972	64.5	4.700	930			36.0	18.1	4.0		93								
Wet Bulb	3059864	52862	56.8	7.704	930			10.3	.2			93								
Dew Point	2484356	47230	50.8	9.609	930			3.5	2.1			93								

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 69-76 1976
 STATION STATION NAME YEARS
 PAGE 1 1200-1400
 MONTH HOURS (L. S. T.)

USAF/TAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1	.3								4	4		
88/ 87									.1	.2	.5	.1	.2					11	11		
86/ 85							.1	.1	.8	.8	1.1	.4	.1		.1			32	32		
84/ 83							.3	.8	1.1	.8	.5	.2		.1				35	35		
82/ 81						.3	.3	.8	1.1	1.6	1.2	1.0						58	58		
80/ 79						.4	.5	.9	.9	.6	.6	.5		.2				44	44		
78/ 77			.1	.4	.4	.5	.6	.8	.3	1.3	.2	.2	.1					47	47	1	
76/ 75			.1	.4	.9	1.6	1.4	1.2	.4	.3	.3							62	62	1	
74/ 73				.8	1.3	1.7	.9	1.1	1.0	.3	.4							69	69	14	1
72/ 71			.5	1.4	1.7	.9	1.6	.6	.8	.8	.2							79	79	39	3
70/ 69		.2	1.0	1.0	.6	1.7	.5	.6	1.2	.1	.2							67	67	44	10
68/ 67		.1	1.1	.4	1.1	1.3	1.4	1.7	.8	.4	.1							78	78	68	22
66/ 65			1.0	.1	.5	.4	2.0	.6	1.3	.1								57	57	91	25
64/ 63		.1	.8	1.0	1.3	1.1	1.1	1.0	.3									60	60	89	52
62/ 61	.3	.2	.4	1.3	.8	1.1	.5	.8	.3	.2								55	55	77	90
60/ 59	.1	.4	1.0	.5	.6	.5	.6	.5	.3									44	44	69	53
58/ 57		.4	.5	1.1	.9	.2	.1	.5	.2									37	37	65	59
56/ 55	.2	.1	.5	.5	.6	.2	.9	.1										30	30	86	73
54/ 53		.4	.3	.4	.2	.1	.3											17	17	73	63
52/ 51	.1	.6	1.2	.1	.2	.2	.3											26	26	70	63
50/ 49		.2	.5															7	7	54	47
48/ 47	.1	.3			.1													5	5	36	63
46/ 45		.1		.1	.1													3	3	19	62
44/ 43				.2	.1													3	3	19	61
42/ 41																				9	37
40/ 39																				3	35
38/ 37																					26
36/ 35																			3		22
34/ 33																					14
32/ 31																					14
30/ 29																					13
28/ 27																					13
26/ 25																					5
24/ 23																					1
Element (X)	ΣX^2	ΣX	\bar{X}	s_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																					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 1978 HAY
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
22/ 21																																					3
TOTAL	.4	3.0	9.2	9.6	12.4	13.0	14.0	13.4	11.0	7.8	5.8	.5	.4	.1																						930	
																																				930	

Element (X)	ΣX^2	ΣX	\bar{X}	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	3007623	50505	54.3	10.25	930							
Dry Bulb	4573093	64613	69.5	9.510	930			50.0	50.2	10.2		93
Wet Bulb	3278198	54744	58.9	7.745	930			10.7	1.0			93
Dew Point	2517986	47460	51.0	10.165	930		4.9	3.0	.1			93

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

MAY

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1	.2	.1	.2								11	11		
88/ 87							.2	.3	.6	.3	.1	.2						15	15		
86/ 85							.1	.6	1.7	.2	.5	.2	.1					34	34		
84/ 83					.1		.3	1.5	1.4	.8	.8		.1	.1	.1			48	48		
82/ 81				.2	.2	.3	.6	1.1	1.2	2.0	1.2	.2	.2					68	68		
80/ 79				.2	.2	.3	.6	.6	.5	.8	.5	.8	.2					45	45	1	
78/ 77			.1		.1	.8	1.4	1.0	.5	.6	.4	.1						47	47	2	
76/ 75					1.0	1.3	1.3	1.4	.9	.8	.5	.1						67	67	6	2
74/ 73			.3	.5	1.1	1.8	.9	1.2	.9	1.0	.5	.2						78	78	9	
72/ 71			.3	.8	1.5	.8	1.5	.5	1.1	.9	.6							74	74	30	9
70/ 69			1.0	.4	.5	1.0	.3	2.4	1.6	.2	.4							73	73	53	5
68/ 67			.9	.4	1.1	.6	.9	1.5	.9	.6								64	64	58	9
66/ 65		.4	1.1	.4	.5	.6	.4	.6	1.2	.2								52	52	85	16
64/ 63		.3	.5	.6	.9	1.3	1.0	1.2	.2	.5								61	61	105	61
62/ 61	.1	.2	.9	.6	1.5	.4	.6	.3	.2	.4								50	50	74	75
60/ 59	.2	.2	.8	.6	.8		.5	1.0	.2	.2								42	42	72	63
58/ 57		.4	.6	.3	.4	.2	.2	.8										28	28	71	56
56/ 55		.8	.8	.2	.5		.1	.2										24	24	104	71
54/ 53		.3	.5	.8	.1	.1	.3											20	20	79	62
52/ 51		.2	.4		.1	.2	.1											10	10	51	64
50/ 49		.6	.1		.1													8	8	48	56
48/ 47	.1	.4																5	5	34	57
46/ 45		.3																3	3	17	78
44/ 43						.2												2	2	22	59
42/ 41					.1													1	1	6	36
40/ 39																					26
38/ 37																					33
36/ 35																				2	24
34/ 33																			1		22
32/ 31																					8
30/ 29																					11
28/ 27																					13
26/ 25																					5
24/ 23																					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	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14947 OFFUTT AFB NE

1976

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																				
22/ 21																																									
20/ 19																																									
TOTAL	.4	4.3	8.5	6.2	10.9	10.0	11.6	6.1	13.2	.8	3.7	1.9	1.0	.3	.2																						930	930	930		
																																							930	930	930
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature								Total																									
Rel Hum.	2769273		47997		11.6	17.734	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb	4732870		65750		70.7	9.533	930			62.4	41.3	19.7		93																											
Wet Bulb	3297415		54935		59.1	7.511	930			15.9	1.8			93																											
Dew Point	2471145		46991		50.5	10.207	930	4.6	2.5	.2				93																											

USAFETAC FORM 0-26-5 (O.L.A.) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFUTT AFB NF 19-76 MAY
 STATION STATION NAME YEARS 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
88/ 87						.1	.1	.3			.1						2	2		
86/ 85								.3									9	9		
84/ 83							.2	.4	.2	.5					.1		15	15		
82/ 81					.2	.4	.5	1.1	1.3	.2	.2						37	37		
80/ 79				.3	.1	.3	1.1	1.0	.6	.6	.2	.1					41	41		
78/ 77			.2	.2	.3	.4	1.2	1.1	.4	.8	.1	.2		.1			47	47		
76/ 75			.1		.9	.9	1.6	1.1	.8	.9	.3	.1					61	61	2	
74/ 73			.2	.6	1.2	1.0	1.5	1.2	.4	.5	.2	.1					65	65	12	
72/ 71			.3	1.0	1.4	1.3	1.1	1.3	1.0	.9	.1						77	77	10	5
70/ 69			.6	1.4	1.3	1.2	1.2	1.0	1.2	.5							78	78	30	9
68/ 67			.9	.9	1.7	.9	1.4	.9	1.1	.4							75	75	42	9
66/ 65			1.4	1.1	.6	1.0	1.3	1.3	.9	.1							71	71	72	10
64/ 63		.5	.9	1.4	1.0	1.2	.9	1.3	.1								67	67	87	32
62/ 61	.3	.6	1.2	.4	1.4	1.0	1.1	.1	.3	.3							63	63	96	74
60/ 59		.4	1.1	1.1	1.2	1.0	1.1	.4		.1							59	59	83	56
58/ 57		.9	.9	.6	.5	.5	.8	.8		.1							47	47	73	74
56/ 55		1.1	1.3	1.0	.3	.6	.6	.3	.1								50	50	89	78
54/ 53		.4	.9	.4	.2	.2	.3	.2									25	25	96	62
52/ 51		.2	.4	.2	.2	.2	.2	.1									13	13	70	57
50/ 49		.4	.1	.2	.2	.2	.1										10	10	65	62
48/ 47		.6		.1	.1												8	8	28	67
46/ 45		.4			.1												5	5	31	69
44/ 43		.2				.1											3	3	23	55
42/ 41						.1											1	1	12	42
40/ 39					.1												1	1	6	33
38/ 37																				38
36/ 35																				35
34/ 33																			2	11
32/ 31																			1	12
30/ 29																				12
28/ 27																				9
26/ 25																				6
24/ 23																				5
22/ 21																				1
Element (X)	Σ x ²	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 69-78 MAY 1978

STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
20/ 19																					5			
18/ 17																					2			
TOTAL	.3	5.9	10.4	11.0	12.9	12.4	16.2	13.9	8.7	4.0	1.3	.8	.1	.1				930	930	930				
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x^2	No. Obs.		Mean No. of Hours with Temperature						Total											
Rel. Hum.	3200736	52054	56.0	17.582	930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb	4279768	62556	67.3	8.802	930				50.7	27.7	7.7		93											
Wet Bulb	3119175	53421	57.4	7.374	930			.1	9.6	1.4			93											
Dew Point	2396681	46275	49.8	10.066	930			5.2	2.3				93											

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81					.1	.1																										2	2				
80/ 79						.3	.1	.2																								6	6				
78/ 77				.1	.5	.1	.3	.2							.1																	13	13				
76/ 75			.3	.2	.0	.8	1.0	.1	.1																							29	29				
74/ 73			.2	.4	.9	1.4	.6	.1	.1																							35	35	2			
72/ 71			.3	.9	1.5	1.1	.4	.5	.5	.1																						50	50	6	1		
70/ 69		.1	.9	1.2	1.1	1.4	.8	.4	.1																							58	58	11	3		
68/ 67		.4	1.4	1.3	1.7	1.5	.9	.3		.1																						71	71	19	9		
66/ 65		.2	1.7	2.5	1.6	1.2	.9	.2																								77	77	46	11		
64/ 63		1.9	2.8	2.0	2.2	2.2	.3	.8	.1																							114	114	74	29		
62/ 61	.5	1.9	1.1	1.5	1.7	.9	.5	.4																								78	78	77	52		
60/ 59	.1	1.1	1.0	1.8	1.3	.9	.4	.3																								64	64	107	60		
58/ 57	.1	.4	1.7	1.6	1.3	.9	.2	.1																								59	59	71	82		
56/ 55		1.9	2.4	1.5	1.3	1.3	.4	.1																								83	83	82	80		
54/ 53		1.1	1.4	1.7	1.2	1.0	.2	.3																								64	64	99	47		
52/ 51		.6	1.1	.6	.9	.2	.1	.1																								34	34	71	71		
50/ 49		1.1	1.0	.9	.4	.4	.4																									39	39	73	71		
48/ 47	.2	1.1	.9		.4	.2																										26	26	61	78		
46/ 45	.1	.6	.3	.3	.4	.2																										19	19	53	90		
44/ 43		.2	.1																													3	3	33	51		
42/ 41				.1																												1	1	15	39		
40/ 39		.1	.1		.1																											3	3	16	33		
38/ 37				.1																												1	1	10	35		
36/ 35				.1																												1	1	1	20		
34/ 33																																			15		
32/ 31																																	2	2	18		
30/ 29																																	1	1	11		
28/ 27																																			6		
26/ 25																																			8		
24/ 23																																			3		
22/ 21																																			1		
20/ 19																																			6		
TOTAL	.9	12.9	18.6	18.9	19.2	15.9	7.6	4.5	1.0	.4																							930	930	930		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel Hum.	4289998	61458	66.11	5.687	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb	3586844	57264	61.6	8.094	930			26.4	8.5	.3																											93
Wet Bulb	2864064	51144	55.0	7.444	930			.3	3.8	.2																										93	
Dew Point	2358982	45968	49.4	9.502	930			5.3	1.3																											93	

USAF/TAC FORM 0-26-5 (OL A) REVED REVISED EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEARS

YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
90/ 89							.0	.0	.0	.1		.0	.0	.0				15	15						
88/ 87							.0	.0	.1	.1	.0	.1	.0					28	28						
86/ 85						.0	.0	.2	.4	.2	.1	.0	.0	.0	.0			77	77						
84/ 83					.0	.0	.2	.4	.3	.2	.1	.0	.0	.0	.0			105	105						
82/ 81				.0	.1	.2	.3	.4	.6	.4	.3	.0	.0					188	188						
80/ 79				.1	.1	.3	.4	.4	.2	.3	.2	.1	.1					155	155	1					
78/ 77			.1	.1	.3	.3	.5	.5	.2	.4	.1	.1	.0					191	191	3					
76/ 75			.1	.2	.6	.7	.8	.5	.3	.3	.2	.0						274	274	9	2				
74/ 73			.1	.7	.8	.9	.6	.5	.3	.3	.2	.0						335	335	39	1				
72/ 71			.4	1.2	1.2	.8	.6	.5	.5	.3	.1							414	414	107	18				
70/ 69		.1	1.1	1.1	.8	1.0	.5	.7	.5	.1	.1							439	439	185	33				
68/ 67		.1	1.7	1.0	1.2	.8	.7	.6	.4	.2	.0							496	496	283	72				
66/ 65	.0	.5	1.6	1.3	.6	.7	.8	.4	.5	.1								498	498	457	139				
64/ 63	.0	1.2	1.5	2.0	1.2	1.1	.7	.6	.1	.1								633	633	616	306				
62/ 61	.2	1.4	1.3	1.6	1.5	.7	.4	.3	.1	.1								570	570	557	334				
60/ 59	.1	1.2	1.5	1.3	1.0	.7	.5	.3	.1	.0								489	489	614	449				
58/ 57	.1	1.1	1.7	1.2	.9	.5	.3	.3	.0	.0								461	461	595	519				
56/ 55	.1	1.2	1.8	1.5	.8	.5	.4	.1	.0									470	470	676	558				
54/ 53	.1	1.1	1.5	1.5	.6	.3	.2	.1										401	401	665	473				
52/ 51	.0	.9	1.5	.9	.6	.2	.1	.0										320	320	569	557				
50/ 49	.0	.8	1.0	.6	.3	.2	.1											224	224	535	495				
48/ 47	.1	1.3	.7	.5	.2	.1												220	220	443	491				
46/ 45	.1	1.1	.7	.5	.2	.0												193	193	346	640				
44/ 43	.0	.4	.4	.2	.2	.1												91	91	290	470				
42/ 41	.0	.2	.3	.1	.0	.0												54	54	171	355				
40/ 39		.2	.3	.2	.1													59	59	111	327				
38/ 37		.1	.1	.0														18	18	77	244				
36/ 35		.0	.1	.0														8	8	49	220				
34/ 33		.0	.0	.0														6	6	27	156				
32/ 31		.0	.0															5	5	9	123				
30/ 29		.0	.0															3	3	6	76				
28/ 27																				5	83				
26/ 25																					37				
24/ 23																					23				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 14949 OFFUTT AFB NE STATION NAME: YEARS: 9-78
 MONTH: APR
 PAGE 1 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
90/ 89															.0	.0	3	3		
88/ 87																.0	6	6		
86/ 85								.0			.0		.0		.0	.0	7	7		
84/ 83								.1	.0		.1	.0			.0		15	15		
82/ 81					.0	.0	.0	.1	.1	.0	.1	.0			.0		30	30		
80/ 79				.0	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0	.0	.0	53	53		
78/ 77				.0	.1	.1	.1	.1	.1	.1	.1	.1		.0			57	57		
76/ 75				.1	.1	.1	.1	.3	.2	.1	.2	.1	.1	.0			97	97		
74/ 73			.0	.1	.1	.1	.3	.2	.3	.2	.1	.1	.0	.0			113	113	4	
72/ 71			.1	.2	.1	.4	.2	.1	.3	.3	.2	.1	.1				153	153	7	
70/ 69			.2	.2	.3	.3	.3	.4	.3	.2	.1	.0	.1				174	174	22	
68/ 67		.1	.3	.3	.4	.3	.3	.5	.3	.3	.2	.1					214	214	48	
66/ 65		.1	.5	.4	.5	.3	.5	.5	.5	.2	.1						267	267	80	
64/ 63	.0	.3	.5	.6	.4	.7	.9	.6	.7	.3	.2						389	389	103	
62/ 61	.0	.4	.7	.7	.5	.7	.6	.5	.5	.1	.1						341	341	236	
60/ 59	.1	.3	.6	.5	.6	.8	.6	.7	.1	.1	.0						334	334	212	
58/ 57	.1	.5	.7	.7	.9	.8	1.0	.4	.2	.0							387	387	285	
56/ 55	.0	.6	.8	.8	1.0	1.0	1.0	.2	.1	.0							400	400	293	
54/ 53	.0	1.1	.8	1.0	1.3	1.0	.6	.2	.1								435	435	398	
52/ 51	.1	.7	1.3	1.0	1.3	.6	.5	.1									408	408	444	
50/ 49	.0	1.0	1.3	1.7	1.3	.7	.3	.0									462	462	495	
48/ 47	.1	1.7	1.5	1.7	1.1	.4	.1	.0									482	482	550	
46/ 45	.3	2.3	2.0	1.6	1.1	.4	.3	.0									581	581	709	
44/ 43	.2	1.5	1.6	1.2	.4	.3	.1										391	391	708	
42/ 41	.0	1.0	1.4	1.1	.3	.1	.0										281	281	560	
40/ 39	.1	.8	2.0	.5	.3	.1											262	262	506	
38/ 37	.2	.9	1.0	.5	.2	.0											205	205	378	
36/ 35	.0	1.0	1.0	.4	.1	.0											177	177	299	
34/ 33		.9	1.0	.3	.0												160	160	253	
32/ 31	.0	.8	.6	.1	.0												106	106	202	
30/ 29		.4	.3	.1													54	54	157	
28/ 27	.1	.6	.3														65	65	93	
26/ 25	.0	.2	.1														19	19	53	
24/ 23		.2															14	14	31	
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									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-16-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION NAME

9-78 YEARS

JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	Dry Bulb	Wet Bulb	Dew Point																
88/ 87					.1	.1	.1	.1			.2	.1																				3	3			
84/ 63					.2	.3	.3	.6	.1		.1	.1																				5	5			
82/ 81					.2	.3	.3	.6	.1		.1	.1																				16	16			
80/ 79					1.0	.2	1.4	.2			.1	.1																				27	27			
78/ 77				.9	1.1	.6	.4	.3			.1	.1																				31	31			
76/ 75		.3	.2	1.7	2.6	.8	.4	.2	.2																							58	58	6		
74/ 73				1.0	2.3	1.4	1.1	.7	.2																							61	61	25	10	
72/ 71		.1	.1	2.7	2.0	1.9	1.0	.8	.3																							79	79	21	16	
70/ 69	.1	.6	1.8	1.4	1.7	1.4	.7	.2																								71	71	63	17	
68/ 67		.8	1.8	1.6	1.6	1.2	.8	.2																								71	71	61	45	
66/ 65		2.0	2.1	3.4	2.3	2.0	.7																									113	113	74	55	
64/ 63		3.7	2.6	3.3	1.8	1.2																										113	113	90	100	
62/ 61		1.1	1.8	1.9	2.8	.7																										74	74	112	61	
60/ 59		1.1	2.3	1.6	1.2	.1																										57	57	91	73	
58/ 57		1.0	1.7	1.4	1.0	.2																										48	48	93	76	
56/ 55		.8	1.1	1.3	.9																											37	37	86	88	
54/ 53		.2	.6	.8																												14	14	71	68	
52/ 51		.2	.8				.1																									10	10	35	71	
50/ 49		.3	.1	.2																												6	6	32	55	
48/ 47		.1	.2	.1	.2																											6	6	20	57	
46/ 45																																	4	4	57	
44/ 43																																	3	3	24	
42/ 41																																	2	2	18	
40/ 39																																	1	1	3	
38/ 37																																			2	
36/ 35																																			1	
34/ 33																																			1	
32/ 31																																			2	
TOTAL		.1	12.3	21.6	25.4	20.5	12.2	5.2	1.4	.2	.4	.3	.1																			900	900	900	900	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	4651950	63676	70.8	12.779	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4042979	59973	66.6	7.275	900			42.2	20.1	3.4		90
Wet Bulb	3346307	54557	60.6	6.597	900			19.6	3.1			90
Dew Point	2923512	50812	56.5	7.806	900		.2	6.8	1.0			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

WAFUTT AFB NF
STATION NAME

69-76
YEARS

YEARS

JUN
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85										.1	.1							2	2			
84/ 83										.1			.1					2	2			
80/ 79			.1			.1	.3	.1		.2								8	8			
78/ 77			.6	1.1	.2	.1												18	18			
76/ 75		.2	.6	.8	.7	.6				.1								26	26	1		
74/ 73		.6	.9	2.0	.7	.6		.1	.1									44	44	13	5	
72/ 71		.4	3.7	2.3	1.0	.3												70	70	18	10	
70/ 69	.1	.9	3.4	1.7	2.0	.8	.2	.1										83	83	33	17	
68/ 67		.9	2.0	1.6	1.1	.3	.2											55	55	75	37	
66/ 65		2.0	3.4	2.1	1.0	.8	.1											85	85	71	39	
64/ 63		4.2	3.7	3.6	1.8	.4												123	123	87	94	
62/ 61		2.7	4.2	2.6	1.6	.1												102	102	100	76	
60/ 59		1.6	1.9	2.3	1.1	.3												65	65	84	80	
58/ 57		2.4	1.8	2.1	1.0													66	66	98	73	
56/ 55		2.2	2.3	1.8	.2													59	59	86	90	
54/ 53		1.0	1.0	1.1	.4													40	40	74	70	
52/ 51		.3	1.4	.7														27	22	60	60	
50/ 49		.7	.6	.2														13	13	41	71	
48/ 47		.4	.2		.1													7	7	32	61	
46/ 45		.6	.2	.2														9	9	14	55	
44/ 43			.1															1	1	8	27	
42/ 41																				2	16	
40/ 39																				3	7	
38/ 37																					6	
36/ 35																					3	
34/ 33																					1	
32/ 31																					1	
30/ 29																					1	
TOTAL	.1	21.1	173.0	70.1	13.1	4.4	.9	.3	.1	.6	.1		.1					900	900	700	900	
Element (X)	Σx²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel Hum.	5311794	68366	76.0	1.484	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3701407	57353	63.7	7.190	900			30.8	10.0	.0		90										
Wet Bulb	3183097	53187	59.1	6.730	900			14.0	1.4			90										
Dew Point	2857105	50175	55.8	7.667	900		.2	6.9	.5			90										

FORM 0-26.5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 19-73 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 63							.2	.3										5	5																
82/ 81				.1	.1	.2	.2	.2	.1									9	9																
80/ 79				.4	.0	.2	.3			.3								17	17																
78/ 77		.1	.2	1.4	.7	.6	.3											30	30																
76/ 75		.1	.9	1.6	1.0	.8	.2	.1										49	49	3															
74/ 73		.4	1.3	2.2	1.2	.8	.2											56	56	17	4														
72/ 71		.2	2.6	3.2	1.4	.0	.6											77	77	34	11														
70/ 69		.2	2.4	2.8	2.4	1.3	.4											91	91	43	32														
68/ 67		.8	2.7	1.8	2.2	1.4	.3											83	83	81	33														
66/ 65		1.2	3.0	3.6	1.3	1.2	.2											100	100	83	40														
64/ 63		3.0	3.6	3.1	2.4	.1	.1											111	111	87	103														
62/ 61		1.7	2.4	2.2	1.7	.4												76	76	117	93														
60/ 59		1.0	2.8	2.1	1.0													62	62	98	82														
58/ 57		.9	1.6	1.9	.8		.1											47	47	100	76														
56/ 55		.8	1.4	1.2	.3													34	34	75	91														
54/ 53		.7	1.0	.7	.4													25	25	52	71														
52/ 51		.1	.7	.2	.1													10	10	51	64														
50/ 49		.6	.1	.3	.1													17	17	21	65														
48/ 47		.6	.1															6	6	21	49														
46/ 45																				9	46														
44/ 43			.2															2	2	6	17														
42/ 41																				1	6														
40/ 39																				1	9														
38/ 37																					4														
36/ 35																					2														
34/ 33																					2														
TOTAL		12.3	7.5	7.9	18.7	8.1	3.3	.7	.1	.3								900	900	900	900														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum.	4879732	65494	72.8	11.244	900							
Dry Bulb	3967497	59374	66.0	7.116	900			41.7	16.6	2.4		90
Wet Bulb	333282	54460	60.5	6.488	900			17.8	2.0			90
Dew Point	2944926	51048	56.7	7.419	900			6.0	.4			90

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-78
YEARS

JUN
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																			
96/95																	.1															1	1						
94/93																	.1	.1														2	2						
92/91																	.2	.1	.6													8	8						
90/89																	.2	.2	.4	.3	.1											12	12						
88/87																	.2	.9	.3	.1												14	14						
86/85																	.1	.3	.6	.6	1.1	.3											27	27					
84/83																	.1	.4	1.0	1.1	1.2	.3	.1	.1	.1								41	41					
82/81																	.7	1.3	1.8	1.9	1.3	.9	.4	.1	.1								76	76					
80/79																	.1	1.1	1.8	.9	1.1	1.0	.2										92	92					
78/77																	.3	2.0	1.8	1.6	.9	1.2	.4										79	79					
76/75																	.3	2.0	1.8	1.6	.9	1.2	.4										95	95	26	4			
74/73																	.1	1.3	1.9	1.8	2.0	1.1	.9	.2									84	84	52	6			
72/71																	.8	1.9	1.7	2.1	2.0	.6	.2										81	81	75	28			
70/69																	.2	1.0	1.2	.9	1.9	1.6	.4	.1									66	66	100	30			
68/67																	.1	1.7	1.4	1.3	1.7	1.0	.1										66	66	73	58			
66/65																	.3	1.6	1.0	1.0	1.1	.8	.1										50	50	106	64			
64/63																	.3	1.4	1.0	.9	.4	.1											41	41	97	131			
62/61																	.3	.6	.7	.8	.9	.2	.3										34	34	94	89			
60/59																	.2	.4	.4	.4	.4	.1	.1										16	16	83	68			
58/57																	.1	.1	.1	.6													8	8	61	69			
56/55																	.1	.2		.1	.1												5	5	46	68			
54/53																	.1																1	1	27	62			
52/51																																				15	62		
50/49																	.1																1	1	12	45			
48/47																																			5	45			
46/45																																			1	29			
44/43																																			1	19			
42/41																																				8			
40/39																																				5			
38/37																																				1			
36/35																																				1			
32/31																																				3			
TOTAL																																				900	900	900	900

Element (K)	$\Sigma x'$	Σx	\bar{x}	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.	3282779	53131	59.0	12.797	900							
Dry Bulb	4984174	66634	74.0	1.513	900			74.4	53.1	22.4	.3	90
Wet Bulb	3752941	57849	64.3	0.293	900			35.2	8.4			90
Dew Point	3109240	52474	58.2	7.864	900			.3	12.6	1.0		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101															.1			1	1		
100/99														.2	.2			4	4		
98/97										.1	.3	.2	.1	.3			10	10			
96/95									.1	.3	.6	.3	.2	.2			16	16			
94/93								.4	.7	.6	.8	.4	.1				27	27			
92/91						.1		.2	1.0	.4	.7	.6	.3				30	30			
90/89							1.1	.2	.8	.6	.3			.1			28	28			
88/87					.1	.4	.7	1.0	.9	1.8	.7	.3	.1	.1			55	55			
86/85					.3	.1	1.2	1.0	1.6	.8	1.0	.3	.1				58	58			
84/83				.1	.4	1.4	1.3	2.1	1.2	2.1	1.1	.1	.3				93	93			
82/81				.2	1.2	2.1	2.0	2.7	1.2	1.9	1.3	.7	.1				121	121	1		
80/79				.1	.3	1.8	1.1	.4	1.2	1.1	.9						63	63	4		
78/77			.1	.1	.4	1.1	1.4	1.0	1.0	1.1	.4						61	61	18	1	
76/75		.1	.1	.8	1.2	1.9	.9	1.1	2.1	.7	.1	.2					83	83	47	6	
74/73			.2	1.2	.6	1.1	1.2	.9	1.2								58	58	79	11	
72/71			.3	1.0	.3	.8	1.2	1.1	.6	.2							50	50	91	21	
70/69			.6	.3	1.0	1.2	.4	1.1	.1								43	43	108	50	
68/67		.1	.2	1.2	.1	.7	.4	.8									32	32	98	54	
66/65			.3	.7	.2	.9	.9	.3	.1	.1							32	32	94	57	
64/63			.4	.4	.3	.3	.3	.2	.1								20	20	85	125	
62/61			.3	.2	.1	.1	.3	.1									11	11	82	83	
60/59				.4													4	4	83	76	
58/57																			42	61	
56/55																			30	60	
54/53																			24	57	
52/51																			8	56	
50/49																			4	53	
48/47																			2	40	
46/45																				44	
44/43																				21	
42/41																				9	
40/39																				8	
38/37																				2	
36/35																				2	
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																					

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION STATION NAME

19-78 YEARS

JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																		
32/ 31																																							2
30/ 29																																						1	
TOTAL		.2	2.7	6.9	6.8	14.1	13.6	15.2	13.0	11.8	7.8	4.2	2.0	.8	1.0			900	900			900																	
Element (X)	ΣX ²	ΣX	X̄	s _X	No. Obs.	Mean No. of Hours with Temperature							Total																										
Rel Hum.	2410080	44976	50.01	1.444	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																											
Dry Bulb	5732392	71444	79.4	6.238	900			83.3	70.8	46.7	5.8	90																											
Wet Bulb	3953540	59384	66.0	6.262	900			44.6	14.9	.1		90																											
Dew Point	311236	52398	58.2	6.279	900			.3	14.3	1.0		90																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1976

JUN
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb
102/101													.1	.1	.2			4	4	
100/99													.2	.6	.2	.1		10	10	
98/97												.6	.1	.2	.3			11	11	
96/95								.1	.4	.2		.9	.7	.3	.1			25	25	
94/93							.1		.8	.4		.8	.4	.2				25	25	
92/91							.1	.2	.7	.9	.4	.3		.2				26	26	
90/89						.1	.4	.7	.8	1.3	1.4	.6	.4	.1	.3			56	56	
88/87						.2	.4	1.7	1.7	1.3	1.3	.4	.4	.1				69	69	
86/85					.2	.6	1.7	1.8	1.8	1.6	1.0	1.0	.3					89	89	
84/83						.9	1.3	1.8	1.7	1.1	1.1	.8	1.3					90	90	
82/81					.3	1.4	1.2	2.3	1.3	1.2	2.0	1.0						98	98	1
80/79		.2	.3	.4	1.2	.9	1.3	1.2	1.0	.6	.4							69	69	5
78/77		.1	.1	.3	1.0	1.7	1.2	1.2	1.4	.4	.3							71	71	16
76/75			1.0	1.3	.6	1.2	.2	1.3	1.1	.1								62	62	46
74/73			1.0	.4	.4	.4	1.4	1.2	.7									51	51	88
72/71		.1	.8	.2	.4	1.0	.6	.8	.3									38	38	107
70/69			.6	.7	.6	.3	.3	.3										25	25	105
68/67		.2	.4	.4	.7	.8	1.1	.6		.3								41	41	106
66/65	.1	.3	.7	.4	.9	.1	.1											24	24	68
64/63	.1	.1	.1			.1												4	4	85
62/61	.1	.3	.1			.2												7	7	84
60/59			.3	.2														5	5	81
58/57																				50
56/55																				37
54/53																				17
52/51																				3
50/49																				3
48/47																				3
46/45																				46
44/43																				31
42/41																				14
40/39																				8
38/37																				3
36/35																				1
Element (X)	ΣX^2	ΣX	\bar{X}	s_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																				

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

19-78

JUN

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
100/ 99															.2	.1																3	3		
98/ 97																.1																1	1		
96/ 95																.2	.3	.1	.1												7	7			
94/ 93														.2		.2	.6	.1													10	10			
92/ 91													.2	.3	.3	.4	.3	.2													17	17			
90/ 89										.3	.6	.6	1.0	.4		.4	.1	.2													20	29			
88/ 87								.2	.4	.7	1.0	1.2	.7	.2		.3	.3	.3													40	40			
86/ 85								.1	.9	1.1	.8	.8	.3	.3	.3																42	42			
84/ 83					.7	1.3	1.3	.9	1.3	.7	.7	.4	.1																		67	67			
82/ 81				.2	.8	1.7	3.7	2.1	1.8	1.1	1.0	.9	.2																		121	121			
80/ 79			.1	.3	.7	1.3	1.6	1.7	1.0	1.1	.6																				75	75	1		
78/ 77			.1	.8	1.3	1.4	1.0	1.7	1.9	1.4	.3																				90	90	15		
76/ 75		.1		1.0	1.8	1.2	1.6	2.4	1.2	.9	.2																				94	94	26	1	
74/ 73		.3	.9	.9	1.1	1.0	1.1	1.8	.2																						66	66	60	12	
72/ 71		.3	1.4	1.1	.6	1.3	1.8	.6	.1																						65	65	83	16	
70/ 69		.2	.4	.2	.7	1.2	1.1	.7	.8																						48	48	107	45	
68/ 67		.1	.4	.8	.1		.7	.9	.2							.1															30	30	95	54	
66/ 65		.6	.8	.7	.2	1.2	.9	.4							.1																44	44	94	65	
64/ 63		.3	.3	.4	.6	.8	.1	.1		.1																					25	25	100	89	
62/ 61		.4	.3	.3	.2	.1																									13	13	92	105	
60/ 59		.1	.2	.1	.3		.1																								8	8	76	60	
58/ 57		.1	.2	.2																											3	3	64	69	
56/ 55						.1																									1	1	40	65	
54/ 53						.1																									1	1	32	53	
52/ 51																																		9	62
50/ 49																																		1	51
48/ 47																																		2	51
46/ 45																																	2	50	
44/ 43																																	1	23	
42/ 41																																			15
40/ 39																																			6
38/ 37																																			3
34/ 33																																			2
28/ 27																																			3
Element (X)	Σ x ²		Σ x		X		s _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																																			

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949

PHUTT AFB NF

1978

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
90/ 89												.1							1	1																	
88/ 87								.1	.2	.2	.1	.1							7	7																	
86/ 85					.1	.2	.8	.1	.1	.2	.1								15	15																	
84/ 83					.7	.4	.8	.6	.2	.1									25	25																	
82/ 81				.3	.9	.8	1.2	1.3											41	41																	
80/ 79			.2	1.2	1.0	1.3	.6	1.1		.3									52	52																	
78/ 77			.2	1.1	1.9	1.1	1.2	.9	.9		.1								67	67	1																
76/ 75			.2	1.8	2.3	1.8	2.0	.8	.3	.3									86	86	18																
74/ 73		.1	1.2	3.0	1.4	1.6	1.0	1.4	.7										94	94	33	8															
72/ 71		.2	1.1	1.6	.8	1.4	2.0	.9	.6										77	77	52	15															
70/ 69			1.4	1.8	2.2	1.8	1.3	.8	.2										86	86	84	38															
68/ 67		.4	1.7	1.8	1.9	2.6	1.6	.1											90	90	89	51															
66/ 65		1.0	1.2	2.7	1.0	2.1	.7	.1											70	79	80	64															
64/ 63		.9	1.4	1.1	1.4	2.0	.7												68	68	94	97															
62/ 61		1.0	1.1	.8	1.6	.6	.4												49	49	105	73															
60/ 59		.2	.9	.9	.8	.7													31	31	106	64															
58/ 57		.7	.6	.6	.1	.1		.2											20	20	75	90															
56/ 55			.2				.1												3	3	77	70															
54/ 53			.1	.1															2	2	39	54															
52/ 51		.2	.1			.1													4	4	31	82															
50/ 49			.1																1	1	8	46															
48/ 47				.1	.1														2	2	2	50															
46/ 45																						51															
44/ 43																					3	23															
42/ 41																					3	8															
40/ 39																						3															
38/ 37																						1															
36/ 35																						1															
34/ 33																						1															
32/ 31																						1															
28/ 27																						3															
TOTAL		4.8	1.9	18.8	18.2	18.6	14.3	8.4	3.2	1.2	.3	.2							900	900		900															
Element (X)	Σx'	Σx	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel Hum.	3758599	56853	63.2	3.637	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	4576031	63847	70.9	7.204	900			64.1	38.8	10.9		90																									
Wet Bulb	3570187	56397	62.7	6.342	900			27.7	5.2			90																									
Dew Point	3004458	51502	57.2	7.983	900		.4	11.2	.8			90																									

USAFETAC FORM 0-26-5 (O.L.A.) 0-26-5 (O.L.A.) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR PLATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE
STATION STATION NAME

19-76
YEARS

JUN
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
02/101													.0	.0	.0			5	5																
00/99													.0	.1	.1	.0		17	17																
98/97											.0	.1	.2	.1	.1			22	22																
96/95										.0	.1	.2	.1	.1	.0			49	49																
94/93									.0	.1	.2	.3	.1	.0				64	64																
92/91							.0	.0	.1	.2	.3	.2	.1		.0			81	81																
90/89						.0	.1	.2	.3	.4	.3	.1	.1	.0	.1			126	126																
88/87					.0	.1	.2	.3	.5	.6	.4	.2	.1	.0				188	188																
86/85					.1	.2	.6	.6	.7	.5	.3	.7	.1					233	233																
84/83				.0	.3	.7	.8	.9	.6	.5	.4	.7	.2					328	328																
82/81			.2	.6	1.0	1.3	1.3	.7	.6	.6	.3	.0						482	482	2															
80/79			.1	.5	1.3	.8	.7	.6	.7	.3	.1							403	403	10															
78/77		.0	.3	.8	1.0	.9	.9	.7	.8	.0	.2	.0						447	447	56	2														
76/75		.1	.3	1.2	1.9	1.2	.9	.8	.7	.4	.1	.0						553	553	173	15														
74/73		.1	.6	1.8	1.1	1.1	.8	.8	.7	.1								514	514	367	68														
72/71		.1	1.4	1.8	1.1	.9	1.1	.7	.3	.1								537	537	461	129														
70/69	.0	.3	1.4	1.3	1.4	1.3	.8	.5	.2									513	513	643	272														
68/67		.4	1.3	1.3	1.1	1.1	.7	.4	.1		.1							468	468	718	394														
66/65		.9	1.7	1.8	.9	1.3	.5	.1	.0	.0	.0							527	527	670	459														
64/63		1.0	1.6	1.7	1.2	.7	.2	.1	.0	.0								505	505	715	330														
62/61		.9	1.4	1.1	1.1	.4	.2	.1										366	366	786	680														
60/59		.9	1.0	1.0	.6	.2	.0	.0										248	248	702	507														
58/57		.6	.7	.8	.4	.1	.0	.0										192	192	583	591														
56/55		.5	.7	.6	.2	.0	.0											139	139	472	586														
54/53		.2	.5	.3	.1	.0												83	83	336	470														
52/51		.1	.4	.1	.0	.0												46	46	212	521														
50/49		.2	.1	.1	.0													31	31	122	432														
48/47		.1	.1	.0	.1													21	21	87	413														
46/45		.1	.0	.0														9	9	30	378														
44/43			.0															3	3	22	185														
42/41																				8	94														
40/39																				5	49														
38/37																					27														
36/35																					11														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (CI A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

(9-76)
YEARS

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MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
34/ 33																						7													
32/ 31																						9													
30/ 29																						3													
28/ 27																						6													
26/ 25																						2													
TOTAL	0.0	6.0	13.6	16.4	13.8	12.6	10.2	8.5	6.4	5.0	3.2	1.9	1.0	.4	.3	.0	7200	7200	7200	7200															

Element (X)	ΣX^2	ΣX	\bar{X}	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	29049842	441430	61.3	16.609	7200			503.0	351.2	176.3	15.7	720
Dry Bulb	38409771	521161	72.4	9.764	7200			245.0	60.8	.2		720
Wet Bulb	28954762	453896	63.0	6.879	7200		2.0	88.0	8.5			720
Dew Point	24044780	412050	57.2	8.024	7200							720

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE
 STATION STATION NAME

69-78
 YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
88/ 87											.1							1	1																	
86/ 85							.1	.2	.2	.1								6	6																	
84/ 83					.1	.2	.6	.5										14	14																	
82/ 81			.3	.5	.1	.9	1.3	.8	.2									38	38																	
80/ 79			.9	1.0	.9	1.7	.6	.1										48	48																	
78/ 77			.5	1.0	3.6	3.3	1.2	.1										90	90	4	1															
76/ 75		.4	.9	2.2	4.0	1.3	.1		.1									89	89	17	7															
74/ 73	.1	.3	3.3	5.1	2.2	1.3	.1		.1									116	116	27	12															
72/ 71		1.1	3.3	3.2	1.1	1.0	.5	.1										96	96	75	22															
70/ 69		1.2	4.8	1.7	2.2	1.1	.6											108	108	140	44															
68/ 67		1.5	5.2	2.0	2.0	.3	.1											104	104	172	87															
66/ 65		.4	4.4	2.5	.8	.5												80	80	119	135															
64/ 63		.8	2.0	2.6	1.1	.3												63	63	87	166															
62/ 61		.5	1.0	1.4	1.0	.1												37	37	103	108															
60/ 59		.2	1.4	.4														19	19	67	80															
58/ 57		.1	.5	.4														10	10	50	74															
56/ 55			.1	.2	.1													4	4	36	60															
54/ 53			.1	.1														2	2	17	47															
52/ 51			.1	.2														3	3	7	31															
50/ 49																				2	23															
48/ 47			.1															1	1	3	12															
46/ 45																				2	13															
44/ 43																				1	2															
42/ 41																					1															
40/ 39																					4															
TOTAL	.1	6.6	29.1	74.5	19.6	12.1	5.4	1.4	.6	.2								929	929	929	929															
Element (X)	Z _x ¹	Z _x	X	%	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Rel. Hum.	4951156	67020	72.1	1.190	929																															
Dry Bulb	4734466	66068	71.1	0.219	929			71.1	40.2	7.9		93																								
Wet Bulb	3958631	60437	65.1	0.378	929			43.5	4.8			93																								
Dew Point	3541220	57064	61.4	0.233	929			17.3	2.0			93																								

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81				.3		.1	.8	.2																									13	13			
80/ 79		.1	.5	.2	.4	1.3	.4																										28	28			
78/ 77			.3	.1	1.3	1.6	.4	.1																									36	36	1		
76/ 75		.2	1.3	1.4	3.1	1.4	.3																										72	72	10	3	
74/ 73		1.6	2.2	5.6	2.0	.9	.1																										115	115	13	10	
72/ 71		1.1	4.9	4.1	1.3	.3																											109	109	38	20	
70/ 69		1.3	5.8	2.0	1.1	.6	.2																										103	103	93	27	
68/ 67	.1	1.9	6.3	.6	1.8	.5	.1																										108	108	180	67	
66/ 65		2.0	5.4	3.0	.8	.4																											108	108	146	125	
64/ 63		2.7	4.0	2.3	.2	.1																											86	86	98	162	
62/ 61		1.4	2.6	1.1	.4	.2																											53	53	103	135	
60/ 59		1.0	1.7	1.3	.5																												42	42	82	87	
58/ 57		.4	1.4	.6	.1																												28	28	63	74	
56/ 55		.3	.3	.2																													8	8	40	66	
54/ 53		.3	.4	.1																													11	11	30	51	
52/ 51		.1	.3																														4	4	15	39	
50/ 49																																				10	20
48/ 47			.3																														3	3	2	15	
46/ 45			.3																														3	3		21	
44/ 43																																			3	2	
42/ 41																																			3		
40/ 39																																				3	
38/ 37																																				3	
TOTAL		.114	5.79	0.073	0.13	1.7	2.4	.3																										930	930	930	930
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel Hum	5533172	71096	76.4	10.275	930	≤ 0 F	≤ 12 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	4394705	63667	68.5	6.235	930			58.4	76.4	2.5		93																									
Wet Bulb	3790643	59149	63.6	5.558	930			33.5	2.4			93																									
Dew Point	3450631	56353	60.6	6.220	930			12.7	1.3			93																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION STATION NAME

1978 YEARS

JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
88/ 87																																	1	1		
86/ 85								.1				.1	.3	.1																		6	6			
84/ 83					.1		.2	.1	.8	.2																						13	13			
82/ 81			.1	.3	.3	.4	1.0	.3	.1																							24	24			
80/ 79			.2	.5	.8	1.8	.9	.1																								40	40			
78/ 77			.8	1.5	1.8	1.8	.2	.1																								56	56	2		
76/ 75		.1	1.2	2.9	3.7	.5	.4	.1																								83	83	8	3	
74/ 73		1.0	2.5	4.5	2.4	.6	.2																									104	104	26	10	
72/ 71		1.3	3.3	5.2	2.4	1.0	.3																									125	125	68	13	
70/ 69		2.4	6.3	2.8	1.0	.6																										122	122	130	58	
68/ 67	.2	.9	4.3	1.8	2.6	.4	.1																									96	96	165	88	
66/ 65		1.9	3.5	2.4	1.1	.1																										84	84	134	127	
64/ 63		2.8	2.2	2.3	.8	.4																										78	78	108	165	
62/ 61		1.3	1.0	.9	.5																											34	34	92	124	
60/ 59		.3	1.1	1.1	.1																											24	24	77	91	
58/ 57		.3	.9	1.2	.1																											23	23	42	67	
56/ 55		.4	.4	.2																												10	10	30	57	
54/ 53			.1	.1																												2	2	23	45	
52/ 51			.2																													2	2	15	30	
50/ 49																																		6	18	
48/ 47			.2																													2	2	1	12	
46/ 45			.1																													1	1		16	
44/ 43																																		2	2	
42/ 41																																	1	1		1
40/ 39																																			2	2
38/ 37																																			1	1
TOTAL		.212	.728	4.27	7.71	7.4	8.0	3.2	1.5	.6	.2																						930	930	930	930
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	5207543	69259	74.5	10.806	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	4609811	65209	70.1	6.357	930			67.0	32.7	0.4																									93	
Wet Bulb	3915413	60135	64.7	5.392	930			39.9	3.6																										93	
Dew Point	3539793	57101	61.4	6.037	930			17.2	1.3																										93	

USAFETAC FORM 0-26-5 (OL.A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

JUL

STATION STATION NAME YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
102/101														.1				1	1		
100/ 99														.1				1	1		
98/ 97																		1	1		
96/ 95													.3	.4				7	7		
94/ 93												.2	.5	1.0				16	16		
92/ 91								.1	.3	.3	.1							8	8		
90/ 89						.1	.1	.9	.8	1.0	.3	.2						31	31		
88/ 87					.2	.3	.4	1.4	.9	.6	.2							38	38		
86/ 85				.1	.1	1.7	1.8	1.7	1.7		.1							68	68		
84/ 83				.1	1.3	1.6	2.3	1.6	1.2	.2								77	77		
82/ 81		.4	.4	3.2	2.3	2.5	1.4	.6	.4	.1	.1	.1						109	109	1	
80/ 79	.1	.2	1.7	1.9	2.5	1.8	1.3	.9	.3									100	100	4	
78/ 77		.6	1.4	2.6	1.2	1.5	1.3	.2	.2									84	84	20	5
76/ 75	.2	.3	1.7	2.7	1.8	2.3	.9	.2										94	94	56	9
74/ 73	.3	1.1	3.3	1.6	1.5	1.2	.4	.1										89	89	137	19
72/ 71	.4	1.3	2.4	1.6	2.0	.3	.2	.1										78	78	144	55
70/ 69	.9	1.4	1.2	1.4	1.0	.5	.3		.1									63	63	130	93
68/ 67	.2	1.0	.4	.3	.6	.3		.1										28	28	110	115
66/ 65	.2	.6	.2	.2	.3	.3												18	18	122	114
64/ 63	.2	.2	.2	.2	.3	.3												12	12	89	137
62/ 61	.1		.1	.1	.1													4	4	54	116
60/ 59																				20	70
58/ 57		.1																1	1	18	52
56/ 55																				13	52
54/ 53		.1																1	1	5	25
52/ 51																				6	23
50/ 49																					11
48/ 47																					12
46/ 45																					10
44/ 43																					7
42/ 41																					2
38/ 37																					1
36/ 35																					1
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										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-1 (O.L.A.) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
 STATION

OFFUTT AFB NE
 STATION NAME

9-78
 YEARS

YEARS

JUL
 MONTH

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

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																	.2	2	2																	
106/105																	.2	2	2																	
104/103																.1	.3	4	4																	
102/101																.4	.1	5	5																	
100/99													.3	.5	.9	.1		17	17																	
98/97												.3	.8	.8	.3			20	20																	
96/95								.2			.6	.9	.5	.1				24	24																	
94/93							.1	.3	.5	1.0	.9	.1	.6	.2				35	35																	
92/91						.1	.5	.6	.6	1.3	1.3	.6	.1	.2	.1			57	57																	
90/89						1.0	.9	1.7	1.2	1.7	1.0	.1	.2		.1			70	70																	
88/87					.2	1.2	2.0	3.8	2.0	.8	.8	.2	.1	.1				104	104																	
86/85					.2	1.6	2.8	2.2	.8	.6	.4	.1	.1	.1				89	89																	
84/83			.1	1.3	1.0	1.5	1.4	1.3	1.0	.1	.3	.1						83	83																	
82/81			.1	.8	1.4	.6	1.9	1.4	2.3	1.4	.3	.1						97	97	6																
80/79			.2	.8	1.0	1.7	1.4	1.7	1.0	.6	.2							75	75	21	1															
78/77			.2	.8	1.4	1.0	1.6	1.3	.8	.4								69	69	47	7															
76/75		.1	.4	1.3	1.1	1.3	1.6	.5	.8	.4								70	70	109	22															
74/73		.2	.5	1.2	.8	.8	.3	.3	.2									45	45	172	48															
72/71		.4	1.0	.4	.2	.4	.1	.3	.4									31	31	131	57															
70/69		.1	.4	.2	.3	.1	.4	.1	.1	.1								18	18	152	85															
68/67		.4	.1	.1	.1			.1										8	8	91	110															
66/65		.2	.4				.2											8	8	97	105															
64/63		.1					.1											2	2	64	103															
62/61																				47	89															
60/59																				20	76															
58/57																				14	57															
56/55																				7	54															
54/53																				7	32															
52/51																					19															
50/49																					19															
48/47																					15															
46/45																					14															
44/43																					8															
42/41																					5															
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																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1494G DIFUTT AFB NE
STATION STATION NAME

9-76
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
40/ 39																						3	
38/ 37																						1	
TOTAL		0.0	3.2	5.5	8.0	11.0	16.3	14.8	12.3	11.2	9.8	8.1	2.9	2.0	1.9	.2	.9	930	930	930	930		
Element (K)	Z _x ²	Z _x	I	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum	2697225	48285	51.9	14.3	930	≥ 32 F	≥ 37 F	≥ 42 F	≥ 47 F	≥ 52 F	≥ 57 F	≥ 62 F	≥ 67 F	≥ 72 F	≥ 77 F	≥ 82 F	≥ 87 F	≥ 92 F	≥ 97 F	≥ 102 F	≥ 107 F	≥ 112 F	Total
Dry Bulb	6547773	77683	43.5	7.688	930								92.0	86.3	63.7	10.9							93
Wet Bulb	4572172	65014	69.9	5.411	930								67.9	35.5	1.4								93
Dew Point	3744198	58602	63.0	7.447	930								33.0	7.0									93

FORM 0-26-5 (OLA) JUL 64
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB NF 9-70 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
110/109																	.1	1	1																	
107/107																	.1	1	1																	
106/105																	.2	2	2																	
104/103																	.8	7	7																	
102/101													.1		.3	.1		5	5																	
100/99														.5	1.3	.5		27	22																	
98/97										.1	.1	.5	1.1	.8	.7	.1		33	33																	
96/95								.3	.5	.1	1.1	.5	.5	.5				34	34																	
94/93								1.2	.5	.3	1.2	.8	1.0	.3				48	48																	
92/91							.1	.9	1.0	.3	1.7	1.7	1.4	.2		.1		69	69																	
90/89						.1	.4	1.3	1.4	1.5	1.0	.9	.2	.2				83	83																	
88/87					.1	1.2	1.4	1.1	1.2	1.5	.6	1.1	.3	.3		.1		83	83																	
86/85					.3	2.2	2.2	1.8	1.5	.5	1.2	.4	.1	.1	.2			101	101																	
84/83				.2	1.0	1.8	1.7	1.6	.9	1.4	.6		.1					87	87																	
82/81			.3	.4	.9	1.8	1.2	1.1	2.5	1.2	.3							97	90																	
80/79				.6	1.0	1.4	.4	1.2	.6	1.1	.1							61	63	59	1															
78/77			.2	.3	.8	.3	1.4	1.4	.6	.9								55	55	49	8															
76/75			.3	.5	1.1	1.2	1.5	.6	.9	.5								62	62	56	36															
74/73		.2	.3	.8	.4	.4	.8	.1	.2	.3								35	35	134	38															
72/71		.1	.3	.1	.4	.1	.	.1	.4	.2								20	20	172	66															
70/69		.1	.3	.3	.1	.1	.2	.3	.3									17	17	110	70															
68/67			.3	.2				.1										6	6	71	93															
66/65			.5															5	5	100	94															
64/63				.1														1	1	67	89															
62/61																				39	88															
60/59																				24	90															
58/57																				14	71															
56/55																				10	62															
54/53																				2	27															
52/51																					35															
50/49																					18															
48/47																					12															
46/45																					17															
44/43																					5															
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																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

19-70
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
104/103																.1																1	1				
102/101																.1	.1	.1														3	3				
100/99															.1																	1	1				
98/97															.3	.1																5	5				
96/95															.1																	17	17				
94/93													.2	.1	.6	.3	.5	.3														20	20				
92/91								.5			.6	.3	1.1	1.0	.4	.2																39	39				
90/89					.1		.3	.6	.4	1.5	1.4	1.0	.4																			54	54				
88/87				.2	.6	.3	1.2	1.5	1.5	.6	.2	.1	.2																			61	61				
86/85					1.0	1.6	1.6	1.7	1.3	1.2	.3	.2			.1																	86	86				
84/83			.1	.6	1.8	2.0	2.3	1.4	.6	.3																						93	93				
82/81			.2	.5	2.8	1.8	2.7	1.3	1.6	.6	.3																					112	112	10			
80/79			.5	1.7	1.7	2.5	.9	1.3	1.5	.1	.1																					96	96	21	0		
78/77				1.7	1.0	1.5	1.3	2.0	1.1	.2	.2																					44	84	40	15		
76/75			.8	.8	1.5	1.3	1.8	1.0	.5	.3																							71	71	70	20	
74/73		.5	.4	1.2	.8	1.9	.9	.5	.3	.2																							63	63	150	33	
72/71		.1	1.2	.5	1.1	1.1	.8	.8	.4																								55	55	151	58	
70/69		.2	.8	.6	.6	.4	.3	.2	.2																								32	32	106	95	
68/67		.1	.3	.1	.4	.1	.2	.1																									13	13	86	93	
66/65			.3	.3	.1		.5	.1																									13	13	95	110	
64/63			.5	.2		.1	.1	.1																									16	10	85	100	
62/61				.1																													1	1	47	87	
60/59																																				38	60
58/57																																			12	76	
56/55																																			12	57	
54/53																																			4	42	
52/51																																			3	24	
50/49																																					21
48/47																																					8
46/45																																					11
44/43																																					5
42/41																																					5
40/39																																					4
Element (X)	Σ X ²		Σ X		I		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																																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 (H-FUTT AFB AF)
 STATION STATION NAME

1976
 YEARS

JUL
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
94/ 93																	.1	1	1	
92/ 91																	.1	1	1	
90/ 89																	.1	7	7	
88/ 87																	.2	11	11	
86/ 85					.1	.2	.5	1.0	1.1	.5							.2	32	32	
84/ 83				.3	.6	.3	.6	1.0	1.4	.2	.2						.2	50	50	
82/ 81			.8	.9	1.5	1.7	2.5	.8								.2		78	78	
80/ 79		.2	.5	1.0	2.3	3.5	1.5	1.0									.2	94	94	5
78/ 77		.3	.8	2.4	3.2	1.9	.9	.3	.1	.3								95	95	20
76/ 75		.4	1.1	3.7	5.5	.2	1.0	.5										115	115	35
74/ 73	.1	.4	1.5	3.0	1.5	2.2	1.3	.3	.2									101	101	60
72/ 71		1.1	1.8	2.2	2.2	1.9	1.0											54	94	131
70/ 69		.3	2.8	1.8	3.8	1.1	.8											98	98	162
68/ 67		.1	2.2	1.1	1.9	1.0	.2											60	60	126
66/ 65		.4	1.4	1.3	.5	.4												38	38	96
64/ 63			.4	.9	1.2	.6	.2											34	34	69
62/ 61			.4	.5	.2		.1											12	12	87
60/ 59			.1	.2	.2													5	5	65
58/ 57				.1		.1												2	2	33
56/ 55					.1													1	1	18
54/ 53				.1														1	1	10
52/ 51																				4
50/ 49																				2
48/ 47																				2
46/ 45																				
44/ 43																				
40/ 39																				
38/ 37																				
TOTAL	.1	3.3	4.4	19.0	24.9	15.9	12.3	5.6	2.0	1.0	.4	.2						930	930	930

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum	426759	61963	66.6	2.160	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5225733	69469	74.7	6.272	930			83.7	58.5	22.4	.1	93
Wet Bulb	4191142	62226	66.9	5.453	930			55.9	12.0	.1		93
Dew Point	3670405	58095	62.5	6.671	930			25.4	4.7			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
 STATION

OFFUTT AFB NE
 STATION NAME

7-75
 YEARS

YEARS

JUL
 MONTH

MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	HOURS (L. S. T.)														
10/109																													.0	1	1					
08/107																													.0	3	3					
06/105																													.1	4	4					
04/103																												.0	.0	.1	12	12				
02/101															.0	.0	.1	.0	.0									.0	14	14						
00/99															.0	.2	.3	.1	.0									.0	41	41						
98/97														.0	.0	.1	.0	.0										.0	59	59						
96/95											.1	.1	.1	.2	.3	.2	.1	.0										.0	82	82						
94/93									.0	.2	.1	.3	.4	.3	.2	.1	.0											.0	120	120						
92/91								.1	.2	.3	.2	.6	.5	.3	.1	.0	.0											.0	169	169						
90/89						.0	.0	.2	.4	.6	.7	.8	.4	.1	.0	.0	.0											.0	245	245						
88/87					.0	.1	.4	.7	1.0	.8	.5	.3	.2	.1	.1	.1	.0										.0	299	299							
86/85				.0	.3	1.0	1.2	1.1	.8	.3	.3	.1	.0	.0	.0	.1												.0	388	388						
84/83			.1	.2	.7	1.0	1.3	1.1	.6	.4	.1	.0	.0															.0	417	417						
82/81			.3	.5	1.3	1.2	1.7	.9	.9	.5	.2	.0	.0															.0	501	501	25					
80/79		.1	.4	.9	1.2	2.1	1.0	.8	.5	.3	.1	.0																.0	544	544	20	8				
78/77		.0	.4	1.1	1.9	1.6	1.1	.8	.3	.3	.0																	.0	569	569	183	44				
76/75		.2	.8	1.8	2.9	1.1	1.1	.5	.3	.1																		.0	656	656	401	118				
74/73	.0	.6	1.5	3.0	1.5	1.2	.7	.2	.2	.1																		.0	668	668	719	191				
72/71		.6	2.1	2.3	1.3	1.0	.5	.2	.2	.1																		.0	608	608	910	322				
70/69		.8	2.8	1.3	1.3	.6	.4	.1	.1	.0																		.0	561	561	973	544				
68/67	.0	.0	2.5	.8	1.2	.4	.1	.0	.0																			.0	423	423	1001	757				
66/65		.7	2.1	1.2	.4	.2	.1	.0																				.0	354	354	909	546				
64/63		.8	1.1	1.1	.5	.2	.1	.0																				.0	286	286	682	1074				
62/61		.4	.6	.5	.3	.1	.0																					.0	141	141	567	825				
60/59		.2	.5	.4	.1																							.0	90	90	378	619				
58/57		.1	.4	.3	.0	.0																						.0	64	64	246	546				
56/55		.1	.1	.1	.0																							.0	23	23	166	459				
54/53		.0	.1	.1																								.0	17	17	98	505				
52/51		.0	.1	.0																								.0	9	9	50	638				
50/49																												.0			20	149				
48/47			.1																									.0	6	6	8	96				
46/45			.1																									.0	4	4	2	112				
44/43																												.0			6	34				
Element (X)	Σ X ²		Σ X		X̄		s _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																																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 7-76 1976 JUL
STATION NAME YEARS MONTH
PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.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	Dry Bulb	Wet Bulb	Dew Point				
42/ 41																							4	22
40/ 39																								20
38/ 37																								8
36/ 35																								1
TOTAL	.1	5.2	16.2	15.8	15.1	12.4	10.5	7.9	5.8	2.2	2.5	1.5	1.0	.7	.7	.1	.3	7438	7438	7438				

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	31900281	472269	63.5	10.042	7438							
Dry Bulb	44129621	568943	76.5	9.077	7438			644.6	475.3	268.3	33.6	744
Wet Bulb	33865941	499955	67.2	5.922	7438			430.3	141.8	6.5		744
Dew Point	29124240	462632	62.2	6.853	7438			190.5	36.1	.2		744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB NF
STATION STATION NAME

69-70
YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
84/ 83						.1																											1	1			
82/ 81			.2		.3	.4	.2		.1	.2																							14	14			
80/ 79			.1	.2	.8	1.0		.1	.1																								21	21			
78/ 77			.5	1.2	1.0	.8	.4	.2																									38	38		2	
76/ 75	.1	1.0	1.2	1.9	1.7	1.4		.1																									69	69		2	
74/ 73		1.0	3.3	4.4	1.8	.3																											101	101		29	
72/ 71		1.8	3.4	4.0	.8	.5	.4	.3																									104	104		58	
70/ 69		2.5	6.3	2.0	1.5	.8	.1	.1																									123	123		95	
68/ 67	.2	2.8	7.2	2.4	1.8	.2	.1																										130	130		133	
66/ 65		2.8	6.0	2.5	.9	.2	.1																										116	116		137	
64/ 63		1.4	4.1	3.2	.8	.1																											88	88		140	
62/ 61		1.1	2.3	1.5	1.3	.1																											58	58		93	
60/ 59		1.2	1.7	.8	.2																												35	35		95	
58/ 57		.9	.9	.4	.2																												22	22		74	
56/ 55		.2	.4	.2																													8	8		38	
54/ 53				.1																													1	1		25	
52/ 51			.1																														1	1		10	
50/ 49																																			4		
48/ 47																																					21
46/ 45																																					11
44/ 43																																					1
TOTAL		.315	.877	.874	.712	.8	5.8	1.4	.9	.2	.2																							930	930		930

Element (X)	Σx^2	Σx	\bar{x}	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	5625796	71660	77.1	10.537	930							
Dry Bulb	4420715	63911	68.7	5.554	930			60.1	24.4	2.5		93
Wet Bulb	3830569	59495	64.0	5.134	930			31.9	3.3			93
Dew Point	3490548	56780	61.1	5.952	930			13.1	1.2			93

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION
 STATION NAME

69-70 YEARS

AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
80/79					.2	.3			.1								9	9			
78/77				.2	.2	.4		.1									15	15			
76/75		.4	.9	.9	.4	.1	.2	.1									28	28			
74/73	.7	.5	2.3	2.5	1.0												60	60	17	4	
72/71		1.0	4.9	3.2	.9	.5			.1								105	105	28	8	
70/69	.4	3.3	6.1	2.6	.9	.4											128	128	68	36	
68/67	.6	2.6	9.0	2.2	.6	.1	.1	.1									143	143	124	79	
66/65	.4	3.3	6.0	1.3	.9	.3	.1										120	120	120	95	
64/63	.4	2.9	3.7	2.2	.3	.2											90	90	172	135	
62/61	.7	3.1	3.7	1.6	.0	.1											89	89	93	129	
60/59	.1	2.3	2.9	.2	.2												53	53	97	114	
58/57		1.5	3.2	.4													48	48	90	75	
56/55		1.4	.6	.1													20	20	48	84	
54/53		.0	.0	.1													13	13	54	64	
52/51		.1	.8														8	8	16	49	
50/49			.1														1	1	5	19	
48/47																			8	16	
46/45																				14	
44/43																				9	
TOTAL	2.5	23.8	45.6	17.4	7.0	2.4	.9	.2	.3									930	930	930	
																		930		930	

USAF/TAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION

69-78 YEARS

AUG

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
82/ 81						.2																									2	2			
80/ 79				.1	.4	.3	.1																								9	9			
73/ 77				1.2	1.6	.2	.1																								29	29			
76/ 75		.4	.8	1.3	1.3	.3																									40	40			
74/ 73	.1	.3	2.7	2.4	1.1	.6	.2																								69	69	15	1	
72/ 71	.3	1.8	3.9	4.0	1.1	.6	.1																								110	110	44	14	
70/ 69	.2	2.5	6.1	3.7	1.4		.1																								130	130	73	50	
68/ 67		3.8	7.4	1.4	1.2																											128	128	116	81
66/ 65	.3	2.8	6.2	2.3	.5	.2	.1																									116	116	151	92
64/ 63	.4	3.8	4.3	3.3	.1	.2	.1																									114	114	142	141
62/ 61	.4	2.6	2.8	1.3	.4																											70	70	117	138
60/ 59		1.8	2.3	.2	.6																											48	48	100	112
58/ 57		1.3	1.0	.5																												32	32	69	84
56/ 55		1.2	1.0	.1																												21	21	41	85
54/ 53		.3	.3	.1																												7	7	40	50
52/ 51			.4																													4	4	13	39
50/ 49																																		5	12
48/ 47			.1																													1	1	3	15
46/ 45																																		1	10
44/ 43																																			4
42/ 41																																			2
TOTAL	1.0	22.0	40.1	21.8	9.8	3.0	.9																										930	930	930
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel Hum.	6042784	74422	80.0	9.692	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																							
Dry Bulb	4218349	62421	67.1	5.557	930			51.7	14.9	.0		93																							
Wet Bulb	3728269	58693	63.1	5.004	930			24.8	1.5			93																							
Dew Point	3449086	56388	60.6	5.697	930			14.6	.1			93																							

USAF/TAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1976

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
94/ 93									.1									1	1					
92/ 91								.1	.2	.2								5	5					
90/ 89						.2	.5	.8										14	14					
88/ 87					.2	.6	.8	.2	.1				.1					26	26					
86/ 85				.1	.6	1.5	1.1	.2	.1									34	34					
84/ 83			.1	.6	1.7	1.8	1.1	.6		.1	.1							58	58					
82/ 81			.4	2.0	2.0	3.0	.7		.1	.2	.1							82	82					
80/ 79			.3	1.1	1.8	2.7	1.6	1.1	.2	.1		.1						84	84					
78/ 77			.5	2.4	3.5	3.3	2.0	.4	.3									117	117	9	1			
76/ 75		.1	1.1	2.4	4.5	1.9	1.5	.8		.2								116	116	41				
74/ 73	.1	.4	1.5	3.1	1.5	2.2	1.3											94	94	95	19			
72/ 71	.1	.1	1.7	3.1	1.8	2.4	.1	.1	.1									89	89	112	43			
70/ 69		.9	1.6	1.9	2.2	.8		.2										70	70	151	84			
68/ 67		.1	3.0	1.7	1.6	.2	.3											65	65	143	103			
66/ 65	.1	.2	1.2	1.1	.4	.4	.2											34	34	112	136			
64/ 63		1.0	.6	.8	.4	.2												28	28	107	135			
62/ 61	.1	.4	.1	.2	.2													10	10	88	121			
60/ 59				.2														7	2	35	92			
58/ 57			.1															1	1	17	63			
56/ 55																				12	62			
54/ 53																				7	27			
52/ 51																					14			
50/ 49																					10			
48/ 47																					10			
46/ 45																					7			
44/ 43																					2			
42/ 41																					1			
TOTAL	.9	3.2	1.8	18.5	20.9	18.7	14.3	6.9	3.1	1.1	.6	.3	.1					930	930	930	930			
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	4121591	60839	65.4	12.346	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	5357563	70335	75.6	6.412	930			85.5	63.1	26.1	.1	93												
Wet Bulb	4240039	62635	67.3	4.873	930			55.2	14.0			93												
Dew Point	3696165	58385	62.8	5.756	930			25.0	2.0			93												

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

60-70
YEARS

YEARS

AUG
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
98/ 97												.1	.2		.1			4	4																	
96/ 95										.3	.4	.4	.5	.1	.1			17	17																	
94/ 93										1.1	1.5	.5	.2					31	31																	
92/ 91							.5	.8	.9	1.4	1.2	.4	.2	.1	.1			52	52																	
90/ 89						.1	1.2	1.5	1.9	1.0	.2	.2	.2	.1	.1			61	61																	
88/ 87					.3	.4	1.0	1.4	1.9	1.2	.4	.4	.1					76	76																	
86/ 85			.1	.8	.6	1.4	1.2	1.3	.9	.3	.1	.1	.1					64	64																	
84/ 83			.1	.2	1.5	2.0	1.7	2.0	1.5	.4	.3			.1				98	98																	
82/ 81			.1	.6	2.4	1.5	3.5	1.6	1.9	1.5	.1	.1	.1					126	126	1																
80/ 79			.3	.4	1.0	2.6	1.1	2.4	1.0	.3								84	84	13																
78/ 77			.6	1.0	2.2	1.0	1.5	2.2	.7	.3		.1						90	90	44	6															
76/ 75			.5	.3	1.7	1.0	1.3	1.1	.3	.1								59	59	89	15															
74/ 73			.4	1.8	1.1	1.3	1.0	.4	.3	.2								61	61	144	36															
72/ 71		.1	.9	1.1	1.2	.5	.5	.4	.4									48	48	128	56															
70/ 69		.2	.5	1.3	.1	.3		.2										25	25	132	86															
68/ 67			.8	.4	.4			.1										16	16	99	98															
66/ 65			.6	.2														8	8	94	127															
64/ 63		.3	.2			.1												8	8	101	125															
62/ 61				.1	.1													2	2	43	88															
60/ 59																				24	77															
58/ 57																				10	59															
56/ 55																				5	57															
54/ 53																				3	40															
52/ 51																					18															
50/ 49																					16															
48/ 47																					11															
46/ 45																					5															
44/ 43																					5															
42/ 41																					2															
40/ 39																					3															
TOTAL		.9	5.2	7.6	12.7	11.5	14.7	16.8	12.4	6.7	4.5	2.5	1.7	.5	.3			930	930	930	930															
Element (X)	ΣX'	ΣX	X	ΣX	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel Hum.	3027143	51463	55.3	13.700	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																								
Dry Bulb	6213796	75732	81.4	7.075	930			91.2	92.3	57.3	5.2	93																								
Wet Bulb	4494896	64482	69.3	5.073	930			65.0	79.1	.6		93																								
Dew Point	3745840	58696	63.1	6.668	930			27.7	5.7			93																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION NAME

9-79 YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																		
98/ 97																.1																	1	1				
96/ 95																	.1									.1								2	2			
94/ 93																	.1																4	4				
92/ 91																.2	.2																8	8				
90/ 89																.1	.2	.3	.3	1.0	.6	.2	.1				.1						28	28				
88/ 87																.1	.4	1.2	1.0	.9	.3	.2	.1				.1						39	39				
86/ 85																.6	1.3	1.2	1.9	.3	1.0	.1											60	60				
84/ 83																.3	1.5	2.3	1.4	1.5	.6	.1	.3										81	81				
82/ 81																.3	.9	1.5	2.5	2.3	2.0	.9	.5	.1	.2	.1							105	105	1			
80/ 79																.1	1.3	1.7	3.3	1.8	1.1	.3	.1			.1							94	94	9			
78/ 77																.1	.8	1.0	3.3	2.7	2.3	.6	.5	.2	.2								105	109	30	11		
76/ 75																.3	1.2	1.6	2.8	1.9	2.5	1.0	.4	.3									112	112	58	11		
74/ 73																.5	1.0	2.3	2.0	2.4	1.3	.5	.3	.2									98	98	101	27		
72/ 71																.5	1.3	2.0	1.7	1.2	.9	.1	.2										69	69	132	70		
70/ 69																.4	1.8	1.6	1.7	.9	.4	.1	.1										66	66	133	69		
68/ 67																.3	.5	.9	.6	.5	.2												25	25	127	107		
66/ 65																.3	.6	.5	.5	.1	.1												19	19	109	112		
64/ 63																.2	.4	.5	.5	.2													10	10	103	113		
62/ 61																																				57	102	
60/ 59																																				39	92	
58/ 57																																				21	69	
56/ 55																																				7	45	
54/ 53																																				3	31	
52/ 51																																					29	
50/ 49																																					11	
48/ 47																																					13	
46/ 45																																					7	
44/ 43																																					7	
42/ 41																																					4	
TOTAL																	2.0	8.4	12.6	18.4	19.9	15.8	11.4	5.8	2.7	1.8	.6	.1	.3					930	930		930	

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	3652414	56982	61.3	3.167	93	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5677040	72430	77.9	6.231	93			90.1	74.1	37.4	.7	93
Wet Bulb	434200	53414	68.2	5.102	93			59.1	19.9	.4		93
Dew Point	3721585	58501	62.9	6.693	93			29.5	4.9			93

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-7
YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85							.1	.1	.1									3	3																
84/ 83					.1	.4	.6	.1		.2								14	14																
82/ 81			.2	.8	1.1	.8	1.3	.7										40	40																
80/ 79			.9	.8	1.7	2.5	.6	.4										62	62																
78/ 77		.2	.8	2.9	2.5	2.7	.8	.1	.2									75	75	3															
76/ 75		.6	2.4	2.6	4.7	1.7	.4	.7										118	118	21	8														
74/ 73		.9	1.7	4.7	2.2	1.1	.4	.5	.2									109	109	50	17														
72/ 71		1.2	2.6	3.8	3.1	1.0	.5	.7										115	115	74	31														
70/ 69		1.1	5.7	2.8	3.4	.6	.2											129	129	119	80														
68/ 67	.1	.3	4.5	3.2	2.4	.3	.3											104	104	145	73														
66/ 65	.1	.6	2.2	3.7	1.2	.5	.3											80	80	135	139														
64/ 63		.3	1.4	2.2	1.4	.1	.3											53	53	115	128														
62/ 61		.3	.2	.9	.4													17	17	74	100														
60/ 59		.4	.4															8	8	79	105														
58/ 57		.1		.1	.1													3	3	41	82														
56/ 55																				24	63														
54/ 53																				6	39														
52/ 51																				4	28														
50/ 49																					12														
48/ 47																					13														
46/ 45																					7														
44/ 43																					5														
TOTAL	.2	6.1	2.9	28.3	24.1	9.7	6.0	1.9	.5	.2								930	930	930	930														

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	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.	4894060	66068	71.7	11.121	930							
Dry Bulb	4837088	66884	71.9	5.322	930			76.9	42.1	8.6		93
Wet Bulb	4037755	61105	65.7	4.964	930			43.2	7.4			93
Dew Point	3611441	57679	62.0	6.014	930			20.9	2.5			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE
 STATION STATION NAME

0-76
 YEARS

AUG
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
100/ 99												.1	.1	.0	.0	.0		7	2																		
98/ 97												.1	.1	.0	.1	.0		14	14																		
96/ 95											.1	.3	.1	.0				47	47																		
94/ 93							.0	.1	.3	.3	.2	.0	.0					73	73																		
92/ 91						.0	.1	.2	.3	.4	.4	.1	.0	.0	.1			129	129																		
90/ 89					.0	.1	.4	.5	.7	.3	.1	.1	.0	.0	.0			171	171																		
88/ 87				.0	.1	.2	.5	.7	.7	.5	.2	.1	.1	.0				228	228																		
86/ 85				.0	.2	.6	.8	.8	.6	.4	.1	.1	.0	.0				259	259																		
84/ 83			.1	.2	.6	1.0	.9	.9	.6	.3	.1	.0		.0				346	346																		
82/ 81			.1	.4	1.0	1.1	1.4	.9	.5	.5	.1	.1	.0					453	453	5																	
80/ 79		.0	.3	.6	1.2	1.8	.8	.9	.4	.1	.0	.1						455	455	39	2																
78/ 77		.0	.5	1.3	2.1	1.3	1.1	.7	.3	.1	.1	.0						561	561	141	22																
76/ 75	.0	.4	1.1	1.4	2.3	1.2	.8	.6	.2	.1								596	596	316	57																
74/ 73	.1	.5	1.7	2.7	1.5	1.1	.6	.2	.2	.1								639	639	566	147																
72/ 71	.1	.8	2.5	2.8	1.4	.9	.3	.2	.1									676	676	734	310																
70/ 69	.1	1.4	3.6	2.1	1.5	.5	.1	.1	.0									695	695	902	535																
68/ 67	.1	1.1	4.1	1.6	1.1	.2	.1	.0										619	619	986	729																
66/ 65	.1	1.3	3.0	1.4	.5	.2	.1											499	499	960	914																
64/ 63	.1	1.3	1.8	1.5	.4	.2	.1											395	395	959	1019																
62/ 61	.1	.9	1.2	.7	.4	.0												246	246	624	699																
60/ 59	.0	.7	.9	.2	.1													146	146	487	780																
58/ 57		.5	.7	.2	.0													106	106	336	581																
56/ 55		.3	.3	.1														49	49	178	516																
54/ 53		.1	.1	.0														21	21	138	353																
52/ 51		.0	.2															13	13	43	222																
50/ 49			.0															1	1	14	117																
48/ 47			.0															1	1	11	112																
46/ 45																				1	71																
44/ 43																					36																
42/ 41																					13																
40/ 39																					5																
TOTAL	.7	9.4	22.6	17.0	14.4	10.4	8.3	6.7	4.0	2.2	1.6	1.0	.4	.2	.2	.0		7440	7440	7440	7440																
Element (X)	Σx²	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel Hum	36275419	506185	68.0	15.714	7440	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744																									
Dry Bulb	41254159	550325	74.0	6.579	7440			596.3	397.3	194.7	13.0	744																									
Wet Bulb	32870421	492701	66.2	5.705	7440			368.9	106.7	1.7		744																									
Dew Point	28838609	460811	61.9	6.323	7440			180.2	22.8			744																									

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

14949
 STATION

OFFUTT AFB NE
 STATION NAME

9-70
 YEAR

YEAR

SEP
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
82/ 81						.1		.1																								3	3			
80/ 79					.2	.0	.2																									9	9			
78/ 77			.3	.4	.0	.3	.1																									19	18			
76/ 75		.2	.2	.2	.8	.1	.1		.1	.1	.1																					18	18			
74/ 73			1.2	1.4	.2	.3	.3		.1																							33	33	11	3	
72/ 71	.2	.0	1.7	.9	.4	.4	.0		.1																							44	44	19	8	
70/ 69		.9	2.8	.6	.0	.3	.1	.4	.1																							52	52	32	18	
68/ 67		1.9	2.0	.4	.7	.1	.2	.1																								54	54	33	27	
66/ 65	.0	1.0	2.4	1.3	.2	.0	.3																									58	58	38	57	
64/ 63	.3	2.7	3.1	1.8	1.1	.8																										88	88	44	61	
62/ 61	.7	2.8	1.7	1.7	.8	.4	.1																									73	73	66	38	
60/ 59		3.4	1.9	1.7	.7	.3																										72	72	64	50	
58/ 57	.3	2.4	4.3	1.6	.9	.1																										87	87	73	83	
56/ 55	.3	3.1	1.8	1.2	.6	.2																										65	65	68	66	
54/ 53	.1	2.7	2.3	1.2	.7	.3																										66	66	52	56	
52/ 51		1.0	2.2	.7	.4	.1	.1																									41	41	35	82	
50/ 49		.9	2.2	1.0		.1																										38	38	37	50	
48/ 47		1.1	1.3	.4		.1																										27	27	30	57	
46/ 45		1.1	1.4	.6																												29	28	44	70	
44/ 43		.7	.8	.1																												14	14	29	53	
42/ 41		.2	.3	.1																												6	6	22	28	
40/ 39		.4	.1																													5	5	15	32	
38/ 37		.1																														1	1	7	26	
36/ 35																																			1	13
34/ 33																																			14	
32/ 31																																			5	
28/ 27																																			2	
26/ 25																																			1	
TOTAL	2.0	27.2	34.8	17.6	9.3	5.2	2.0	.7	.4	.1	.1																						900	900		900

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum	5496393	69363	77.1	12.942	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3366307	54491	60.5	8.041	900			23.1	8.1	.7		90
Wet Bulb	2914472	50685	56.3	8.174	900			11.5	1.1			90
Dew Point	2604424	47692	53.0	9.265	900		.8	5.6	.3			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 1976 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
80/ 79					.2	.3												5	5																	
78/ 77			.1	.1	.4													6	6																	
76/ 75			.1	.6	.4	.1												11	11																	
74/ 73		.2	.3	.2	.4	.1	.1											14	14	1																
72/ 71	.1	.3	1.4	1.0	.1	.1	.2											30	30	11	3															
70/ 69		1.9	2.3	.8	.7	.1												52	52	22	11															
68/ 67	.1	2.7	2.7	.7	.9		.3	.2										68	68	46	26															
66/ 65	.4	2.1	2.4	.8	.7			.1										59	59	67	60															
64/ 63	.6	2.9	1.9	1.1	.9	.1	.1											68	68	45	55															
62/ 61	.4	3.0	1.3	1.3	.4	.4												63	63	72	47															
60/ 59	.0	2.2	2.1	.7	.8	.1												60	60	64	60															
58/ 57	.6	2.7	4.7	1.9	.6	.2												95	95	51	58															
56/ 55	.1	4.2	2.4	.7	.7	.1												74	74	80	48															
54/ 53		2.7	2.9	1.0	.2	.4												65	65	70	56															
52/ 51	.2	2.3	2.4	.9	.3													56	56	78	92															
50/ 49		1.7	2.0	1.2														49	49	57	61															
48/ 47		2.0	1.1	.2														30	30	57	60															
46/ 45	.3	1.7	1.0	.7	.1													34	34	56	68															
44/ 43		1.1	1.0	.2	.2													23	23	33	51															
42/ 41		1.7	.3															18	18	19	32															
40/ 39		.9	.2															10	10	25	36															
38/ 37		.8																7	7	14	24															
36/ 35		.1																1	1	9	23															
34/ 33		.2																2	2	2	17															
32/ 31																				1	8															
30/ 29																					1															
28/ 27																					3															
TOTAL	3.2	37.3	33.4	14.0	8.1	2.2	.8	.4										900	900	900	900															

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3135739	52529	58.4	6.815	900			18.6	3.0			90
Wet Bulb	2770339	49431	54.9	6.465	900		.1	0.0	.1			90
Dew Point	2527540	46948	52.2	7.346	900		1.2	4.0				90

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-78
YEARS

SEP
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
80/ 79				.2	.1																											7	3				
78/ 77					.1																												1	1			
76/ 75			.3	.3	.2		.1																									9	9				
74/ 73		.2	.6	1.4	.1	.1																										22	22	2			
72/ 71		.1	2.0	.9	.4	.1																										32	32	10	1		
70/ 69		1.7	2.7	1.1	.3	.2		.1																								55	55	19	11		
68/ 67	.1	3.1	2.8	1.0	.8	.2		.1																								73	73	57	30		
66/ 65	.7	1.7	1.9	1.3	.1	.3	.1	.3																								58	58	71	53		
64/ 63	.3	3.7	1.6	1.1	.6	.2																										67	67	50	66		
62/ 61	.4	2.0	1.0	1.1	.7	.1																										53	53	77	53		
60/ 59	.6	2.4	2.8	1.0	.6	.1																										69	69	49	58		
58/ 57	.6	3.0	3.0	.8	.6																											78	78	65	52		
56/ 55		3.2	4.0	1.1	.2	.1																										79	78	75	57		
54/ 53	.2	2.7	2.8	1.2	.7	.2																										70	70	78	59		
52/ 51	.1	2.8	2.1	.2	.6																											54	54	81	68		
50/ 49		1.3	3.3	1.0																												51	51	55	82		
48/ 47	.1	2.1	.6	.3																												28	28	58	53		
46/ 45		2.3	1.3	.6																												38	38	43	58		
44/ 43		1.2	.8																													18	18	42	49		
42/ 41	.1	1.4	.8	.2																												22	23	29	38		
40/ 39		.6	.1	.1																												7	7	17	38		
38/ 37	.1	.4																														5	5	13	17		
36/ 35	.7	.6																														7	7	7	32		
34/ 33		.1																														1	1	6	13		
32/ 31																																			5		
20/ 29																																				2	
28/ 27																																				1	
26/ 25																																				2	
TOTAL	4.0	36.7	15.4	15.1	6.2	1.8	.2	.6																									900	900	900	900	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No of Hours with Temperature						
Rel Hum	5994337	72773	80.9	1.061	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3137489	52501	58.3	8.879	900			17.5	3.5			90
Wet Bulb	2789516	49508	55.0	8.577	900			.1	3.3	.2		90
Dew Point	2540657	47067	52.3	9.387	900		1.0	4.2				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
 STATION

OFFUTT AFB NE
 STATION NAME

9-76
 YEARS

SEP
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91											.1							1	1																
90/ 89								.1	.1	.1			.1					4	4																
88/ 87							.2	.1	.1	.1								5	5																
86/ 85					.1	.2	.2	.2	.2	.1								10	10																
84/ 83					.1	.4	.3	.2	.1				.1					17	12																
82/ 81				.3	.9	.2	.6	.2		.2	.1	.1						24	24																
80/ 79			.2	.3	.9	.9	.4	.3	.6			.1						34	34																
78/ 77			.9	1.0	1.1	.7	.4	.3	.4	.4								48	48	1															
76/ 75			.4	1.7	1.6	.6	.7	.2	.4	.4								50	50	14	2														
74/ 73		.2	.7	1.3	1.4	1.1	.9	.7	.3	.2								58	58	26	5														
72/ 71		.2	.7	1.2	.8	.4	.9	.2	.2									42	42	45	19														
70/ 69	.2	1.2	2.4	1.8	.9	1.2	1.2	.2	.2	.1								66	86	54	33														
68/ 67	.1	.7	2.3	.7	1.4	1.9	.6	.4										73	73	54	50														
66/ 65		1.0	1.3	2.3	1.2	.6	.8	.2	.1									68	68	70	46														
64/ 63		1.6	1.2	1.7	1.2	1.7	.9	.2	.2									78	78	75	66														
62/ 61	.1	.9	1.4	2.4	2.3	1.4	1.1											92	92	65	71														
60/ 59		1.2	2.1	1.2	.6	.6	.4	.2										59	59	82	51														
58/ 57		.7	1.3	1.2	1.1	1.1												49	49	94	42														
56/ 55		.1	1.1	.6	.7	.7												28	28	66	73														
54/ 53	.1	.6	1.2	.8	.7	.4												34	34	73	60														
52/ 51		.1	.4	.3	.2													10	10	54	65														
50/ 49		.2	.6	.9	.1													16	16	42	59														
48/ 47		.4	.1	.2		.1												8	8	33	52														
46/ 45		.3	.3		.1													7	7	29	52														
44/ 43		.3			.1													4	4	15	40														
42/ 41																				3	35														
40/ 39																					29														
38/ 37																				2	26														
36/ 35																				1	15														
34/ 33																					5														
32/ 31																					1														
29/ 28																					2														
24/ 23																					1														

FORM 0-76-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64
 USAFETAC

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE
STATION STATION NAME

1976
YEARS

SEP
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
98/ 97														.2				2	2	
94/ 93													.1	.3	.4	.1		9	9	
92/ 91									.4	.4	.3	.2	.2	.1			16	16		
90/ 89							.1	.4	.8	.1	.6	.1	.3	.2			24	24		
88/ 87						.2	.4	.6	.4	.3	.6	.1	.2	.1			30	30		
86/ 85					.2	.4	.6	.4	.4	.6	.2	.1	.2				29	29		
84/ 83				.3	.4	.7	1.0	1.0	.3	.3	.3	.3	.1				44	44		
82/ 81			.1	.3	.2	1.0	.9	.4	.4	.6	.4	.8					46	46		
80/ 79			.1	.9	.6	1.3	1.1	.6	.6	.4	.6	.2	.1				58	58		
78/ 77		.1	.4	.9	1.2	.8	.4	.4	.3	.3	.2						47	47	15	
76/ 75			.4	.8	1.7	1.2	1.0	.7	.9	.6	.2	.1					68	68	29	
74/ 73			.9	1.0	1.1	.8	1.2	1.4	.4	.3	.2						67	67	46	
72/ 71		.4	.4	.8	.7	1.3	2.0	1.4	.8	.3							74	74	60	
70/ 69		.4	1.0	1.1	.6	1.1	1.0	1.0	.4	.6	.1						66	66	64	
68/ 67		.4	1.0	.8	1.2	.4	1.7	1.0	.6	.2							66	66	68	
66/ 65		.2	1.1	1.2	.1	1.0	1.1	1.0	.6	.1							58	58	68	
64/ 63		.3	.7	1.1	.9	1.1	.7	1.7	.7								64	64	65	
62/ 61		.8	1.6	.6	.6	.4	.7	.4	.1								46	46	79	
60/ 59		.7	.4	.3	.4	.3	.3										23	23	91	
58/ 57		.1	.1	.4	.2	.6	.1										14	14	70	
56/ 55		.3	.6	.7	.3	.1											18	18	70	
54/ 53		.3	.2	.4	.3			.1									13	13	53	
52/ 51		.2	.3	.1			.1										7	7	40	
50/ 49		.1	.4				.1										6	6	47	
48/ 47		.1	.2														3	3	21	
46/ 45		.2															2	2	8	
44/ 43																			3	
42/ 41																			2	
40/ 39																			1	
38/ 37																				
36/ 35																				
34/ 33																				
32/ 31																				
28/ 27																				
Element (X)	Σx'		Σx		X		s _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OIFUTT AFB NE
STATION STATION NAME

9-78
YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
98/97															.2																		2	2			
96/95																									.2								2	2			
94/93																								.4	.3									16	16		
92/91																								.2	.3			.2						18	18		
90/89										.2	.3	.4	1.0	.3	.6	.2	.3																	31	31		
88/87								.1	.7	1.0	1.0	.9	.6	.4	.6	.2	.2	.1																52	52		
86/85					.3	.2	.7	.7	.3	.3	.2	.6	.6																					35	35		
84/83				.3	.2	1.2	.9	.9	.7	.2	.3	.2	.3																					48	48		
82/81						.9	.9	.8	.1	.8	.2	.7	.6	.3	.1																			41	41		
80/79			.1	.9	.4	.3	.9	.8	1.0	.8	.6	.1																						53	53		
78/77			.3	.4	.9	1.2	.8	.3	.2	1.0	.2	.1																						50	50	16	
76/75				.9	.9	.9	.9	.9	1.8	.3	.4	.2	.1																					66	66	25	7
74/73		.2	.2	.4	1.1	.7	1.9	2.3	1.0	.6	.4																							80	80	51	7
72/71			.7	.9	.3	.6	.7	.7	1.0	.1	.3																							47	47	54	22
70/69		.1	.7	1.0	1.2	.9	.4	1.6	1.3	.7	.3																							74	74	67	30
68/67		.1	1.1	.8	1.0	.2	.7	1.2	.4	.7																								56	56	66	45
66/65			2.2	.7	.2	.2	.9	.6	1.0																									57	52	59	35
64/63		.4	.9	1.0	.4	.7	.3	1.3	1.3	.3																								61	61	74	70
62/61		.6	1.1	.6	.1	.3	.3	.3																										30	30	103	60
60/59			.6	.4		.7																												15	15	97	51
58/57			.8	.8	.6	.3																												22	22	53	63
56/55		.2	.3	.1	.6	.3		.3																										17	17	50	65
54/53	.1	1.0	.1	.3	.2																													16	16	65	49
52/51		.1	.7	.4																														11	11	39	45
50/49			.2																															2	2	39	70
48/47		.3																																3	3	35	50
46/45																																				9	44
44/43																																				1	50
42/41																																				2	24
40/39																																					27
38/37																																					28
36/35																																					22
34/33																																					23
32/31																																					4
Element (X)	Σ x ²		Σ x		x̄		s _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																																					

USAF/TAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1970

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
30/ 29																					3			
28/ 27																					1			
26/ 25																					4			
24/ 23																					1			
TOTAL	.1	3.1	10.0	10.0	8.6	9.1	11.8	13.6	12.6	7.9	5.0	3.1	3.0	1.3	.0	.3	900	900	900	900				
Element (X)	Σx ²		Σx		Σ		Σn		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel Hum.	2792726		47440		52.7		18.026		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90							
Dry Bulb	4984423		66347		73.7		10.193		900				67.1	49.4	26.9	2.0	90							
Wet Bulb	3495177		55633		61.8		7.910		900				27.4	9.2			90							
Dew Point	2707021		48443		53.8		10.523		900		1.3	11.1	1.4				90							

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

14949 OFFUTT AFB NE 9-78 9-78 SEP
 STATION STATION NAME YEARS 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 Poi.														
92/ 91										.2		.1		.2				2	2																
90/ 89										.2		.1			.1			4	4																
88/ 87							.1	.2	.3		.1							7	7																
86/ 85					.1	.3	.7	.4	.2	.2	.4			.1				23	23																
84/ 83				.1	.2	.4	.4	.2	.3	.1	.2	.1		.1				21	21																
82/ 81				.2	.8	1.0	.9	.9	.3	.6	.6	.2						49	49																
80/ 79			.2	.3	.9	1.1	.7	.1	.4	.6		.1						40	40																
78/ 77			.1	.6	1.3	.4	.6	.2	.8									36	36	6															
76/ 75		.1	.7	1.1	2.0	1.0	.3	.6	1.1	.3	.1							71	71	9	5														
74/ 73		.9	1.0	.6	1.1	.6	.4	.3	.2									46	46	33	5														
72/ 71		.1	.9	1.1	.6	1.1	1.0	.2	.2	.2	.2							60	60	49	16														
70/ 69		.4	1.1	1.1	.9	1.4	1.7	.8		.1								68	68	53	29														
68/ 67		.4	1.6	1.9	1.3	1.8	1.0	.3	.2	.1								78	78	59	45														
66/ 65		.4	1.2	1.4	1.6	1.2	.8	.3	.3	.2								68	68	60	50														
64/ 63		1.4	1.9	1.7	1.0	1.2	.9	.8	.2	.1	.1							84	84	67	46														
62/ 61		.8	1.3	1.0	1.3	1.0	.1	.7										56	56	81	62														
60/ 59		1.0	1.4	.9	.6	.2	.7	.3	.1									49	49	99	58														
58/ 57		.2	.8	.6	.7	.9	.6											33	33	89	60														
56/ 55	.2	.9	.9	.7	.7	1.1	.1											41	41	71	71														
54/ 53	.2	.6	.8	.6	.6	.4	.1											29	29	55	58														
52/ 51		.3	.1	.9	.8	.1												20	20	44	71														
50/ 49		.1	.3	.1	.2													7	7	32	67														
48/ 47		.3	.1		.1													5	5	48	49														
46/ 45		.2		.1														3	3	31	48														
44/ 43																				9	36														
42/ 41																				5	18														
40/ 39																					25														
38/ 37																					27														
36/ 35																					24														
34/ 33																					13														
32/ 31																					8														
30/ 29																					6														
28/ 27																					2														
22/ 21																					1														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF/TAC FORM 7-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE

9-76

SEP

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
84/ 83					.1	.1												2	2																	
82/ 81				.1	.2	.2	.2											13	13																	
80/ 79			.1	.2	.3	.3	.3	.1		.1								18	18																	
78/ 77		.1	.6	.9	1.3	.7	.3	.2	.1	.2	.1							41	41																	
76/ 75		.4	.9	1.0	.8	.6	.3	.1	.2	.1	.1							41	41	6	2															
74/ 73	.1	.1	.9	1.3	.1	.8	.2	.3	.2									37	37	21	4															
72/ 71		.2	1.1	.7	.3	.6	.4	.3	.1									34	34	26	16															
70/ 69		1.1	2.3	1.4	.6	.7	.6	.2										67	62	45	26															
68/ 67		.9	2.8	1.3	.8	.4	.4											60	60	49	39															
66/ 65	.1	1.3	2.9	1.2	1.2	1.1	.6	.1										77	77	51	37															
64/ 63		1.6	2.0	3.1	1.4	1.2	.2	.1	.1									88	88	66	57															
62/ 61	.1	1.8	2.2	1.9	2.1	.8	.1		.2									83	83	69	55															
60/ 59		1.9	3.7	1.9	1.3	.3	.1			.1								84	84	69	54															
58/ 57	.1	1.3	2.3	.9	.9	.3												53	53	103	66															
56/ 55	.3	1.3	.8	1.8	.9	.8		.1										54	54	92	61															
54/ 53	.1	1.1	2.0	1.2	.8	.4	.1											52	52	74	85															
52/ 51		.8	1.4	.8	.8	.1												35	35	48	60															
50/ 49		.7	1.0	1.0	.1	.1												31	31	51	57															
48/ 47		.3	.8	.6	.2													17	17	40	62															
46/ 45		.4	.3	.3														10	10	47	57															
44/ 43		.1	.4															5	5	24	48															
42/ 41			.2															2	2	10	28															
40/ 39			.1															1	1	6	25															
38/ 37																				3	18															
36/ 35																					23															
34/ 33																					9															
32/ 31																					3															
30/ 29																					5															
26/ 25																					2															
24/ 23																					1															
TOTAL	.9	15.6	29.4	21.7	14.7	9.8	4.3	1.8	1.1	.4	.3							900	900	900	900															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4836644	64714	71.9	14.294	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																								
Dry Bulb	3670535	56951	63.3	0.010	900			30.8	15.2	2.1		90																								
Wet Bulb	3067219	51997	57.8	0.041	900			14.7	2.7			90																								
Dew Point	2664080	48206	53.6	0.554	900		1.1	0.7	0			90																								

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

DIFFUTT AFB NE
STATION NAME

19-71
YEARS

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97														.0	.0			4	4																
96/ 95													.0					2	2																
94/ 93											.0	.1	.1	.1	.0		.0	25	25																
92/ 91								.0	.1	.1	.1	.0	.1	.1	.0			37	37																
90/ 89							.0	.2	.3	.2	.1	.1	.1	.1	.0		.0	63	63																
88/ 87						.0	.2	.3	.2	.1	.1	.1	.1	.1	.0	.0		94	94																
86/ 85					.1	.2	.3	.2	.2	.1	.2	.1	.1	.0				97	97																
84/ 83				.1	.1	.4	.3	.3	.2	.1	.1	.1	.1	.0				127	127																
82/ 81				.1	.3	.4	.5	.3	.2	.2	.2	.2	.0	.0				176	176																
80/ 79			.1	.4	.5	.6	.4	.2	.3	.2	.2	.1	.0					220	220																
78/ 77		.0	.3	.5	.9	.8	.4	.2	.3	.3	.1	.0						247	247	38															
76/ 75		.1	.4	.8	1.0	.6	.4	.3	.5	.2	.1	.0	.0					334	334	63	19														
74/ 73	.0	.1	.7	1.0	.6	.6	.7	.6	.3	.2	.1							357	357	191	37														
72/ 71	.0	.3	1.1	.9	.5	.6	.7	.5	.3	.1	.1							363	363	274	109														
70/ 69	.0	1.0	1.9	1.1	.7	.8	.6	.5	.3	.2	.1							515	515	351	199														
68/ 67	.0	1.3	2.1	.9	1.0	.6	.6	.4	.2	.1								528	528	447	308														
66/ 65	.2	1.0	1.9	1.3	.7	.6	.6	.3	.3	.0								498	498	504	389														
64/ 63	.2	1.8	1.7	1.6	.9	.9	.4	.5	.3	.1	.0							598	598	486	481														
62/ 61	.7	1.6	1.6	1.3	1.0	.6	.3	.2	.0									496	496	617	457														
60/ 59	.2	1.6	1.9	1.0	.7	.3	.3	.1	.0	.0								431	431	635	424														
58/ 57	.7	1.3	2.2	1.0	.7	.4	.1											431	431	600	469														
56/ 55	.1	1.7	1.5	.8	.6	.4	.0	.1										375	375	592	518														
54/ 53	.1	1.4	1.5	.8	.5	.3	.0	.0										345	345	580	473														
52/ 51	.0	1.0	1.2	.5	.4	.0	.0											234	234	439	532														
50/ 49	.0	.6	1.4	.7	.1	.0	.0											200	200	380	497														
48/ 47	.0	.8	.5	.2	.	.0												121	121	342	443														
46/ 45	.0	.8	.6	.3	.0													122	122	267	454														
44/ 43	.0	.4	.4	.0	.0													64	64	156	366														
42/ 41	.0	.4	.2	.0														49	49	92	233														
40/ 39	.0	.2	.1	.0														23	23	64	241														
38/ 37	.0	.2																13	13	39	190														
36/ 35	.0	.1																8	8	18	175														
34/ 33	.0																	3	3	8	103														
32/ 31																				2	39														
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Tot. l																			
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAF-TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE 9-78 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					17
28/ 27																					10
26/ 25																					12
24/ 23																					4
22/ 21																					1
TOTAL	1.5	17.8	23.3	5.6	11.5	9.0	6.9	5.0	3.8	2.2	1.5	.9	.6	.3	.1	.0		7200		7200	
																	7200			7200	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum.	36070810	492736	68.4	18.068	7200			318.9	178.3	73.0	3.1	720
Dry Bulb	31402736	469602	65.2	10.764	7200			.2	138.4	31.2		720
Wet Bulb	25074901	420447	58.4	8.577	7200			8.3	67.2	5.0		720
Dew Point	21276677	384973	53.5	7.810	7200							720

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE

9-73

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
76/75							.4											4	4		
74/73							.2	.1										5	5		
72/71			.1	.3			.2	.1										7	7		
70/69			.2	.3	.3		.2	.1										11	11		
68/67			.4	.3	.3		.3											13	13	3	
66/65		.2	.3	1.0	.3			.1										18	18	4	3
64/63		.6	.6	.9	.3	.2												27	27	16	3
62/61		.3	.4	.8	.2		.1	.1										18	18	21	12
60/59		1.5	.9	1.3	.6	.3	.2	.1		.1								47	47	27	7
58/57		1.6	2.0	1.2	1.4	.2	.3											65	65	30	25
56/55		1.3	2.0	.9	1.7	.6	.3		.1									65	65	38	33
54/53	.1	1.2	1.9	2.4	1.4	.5	.1	.1		.1								72	72	55	34
52/51		1.6	2.0	1.5	1.3	.4												64	64	59	40
50/49	.2	1.1	2.0	2.2	1.2	.1												63	63	52	68
48/47		1.6	1.7	2.0	1.0													64	64	74	26
46/45	.1	1.4	2.2	2.3	.8	.1												63	63	79	38
44/43	.4	1.7	3.8	1.1	.2													67	67	69	60
42/41	.1	1.5	2.6	1.6	.4													58	58	92	64
40/39		2.3	3.2	.8	.3													61	61	68	60
38/37		2.3	2.8	.6	.2													55	55	57	73
36/35	.3	2.0	1.3	.3	.1													38	38	74	87
34/33		1.0	.5	.1														15	15	53	64
32/31		.9	.2	.2														17	12	24	67
30/29	.1	.4	.3															8	8	15	76
28/27		.2	.2															4	4	6	27
26/25			.3															3	3	4	25
24/23		.1	.1															2	2	3	9
22/21		.1																1	1	4	10
20/19																					3
18/17																					9
16/15																					3
14/13																					3
12/11																					1
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										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OIFUTT AF B NF

1970

JCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0000-0200

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.4	2.4	9.3	2.4	2.5	12.4	3.7	2.0	.4	.2	.1							930	930	930	930
Element (X)	Z _x ¹	Z _x	Z	Z _s	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum	4948743	66647	71.7	13.630	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	2329540	45662	49.1	9.710	930		3.0	4.0	.9			93									
Wet Bulb	1934879	41609	44.7	6.880	930		5.9	.3				93									
Dew Point	1572268	37084	39.9	10.034	930		23.3					93									

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
 STATION

OFFUTT AFB NEB
 STATION NAME

19-73
 YEARS

1973
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
74/ 73						.1												1	1							
72/ 71			.1		.1	.2												4	4							
70/ 69			.3	.1	.1	.2												7	7							
68/ 67			.5	.1	.2													8	8	1						
66/ 65		.6	.2	.5	.4													17	17	4						
64/ 63		.3	.5	1.4														21	21	15	8					
62/ 61		.2	.9	.6	.6													23	23	10	12					
60/ 59		1.2	.5	.4	.1	.1												27	22	19	2					
58/ 57		1.7	1.4	.4	.1	.2	.1											37	37	38	23					
56/ 55		1.8	2.5	1.1	.2	.1												53	53	26	24					
54/ 53		1.5	2.7	.8	1.4	.1												60	60	42	39					
52/ 51	.1	2.7	2.3	1.3	1.0	.1		.1										70	70	51	30					
50/ 49	.2	1.4	3.1	1.7	1.0	.1	.2											72	72	68	66					
48/ 47		1.3	1.9	3.2	.6	.1												67	67	41	38					
46/ 45		2.8	2.7	3.1	1.0	.1												90	90	66	36					
44/ 43	.4	2.0	2.7	1.5	.1													63	63	66	53					
42/ 41		2.5	2.4	.9	.2													55	55	60	56					
40/ 39	.1	2.2	2.7	1.2	.2													59	59	76	52					
38/ 37	.5	3.1	2.6	.3														66	66	76	78					
36/ 35	.3	2.2	2.4	.2	.2													49	49	69	88					
34/ 33	.1	2.0	1.1	.2														32	32	63	61					
32/ 31	.2	1.7																16	18	49	80					
30/ 29		.9	.2															10	10	15	61					
28/ 27	.5	.7	.2															15	15	15	46					
26/ 25	.2	.1	.2															5	5	10	31					
24/ 23		.3																3	3	2	17					
22/ 21		.1																1	1	5	12					
20/ 19		.2																2	2	1	3					
18/ 17																				2	3					
16/ 15																					5					
14/ 13																					5					
12/ 11																					1					
TOTAL	2.9	33.8	34.1	19.7	7.6	1.5	.3	.1										930	930	930	930					
Element (X)	Z _x ²	Z _x	F	f _x	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel Hum.	2400803	70329	75.6	12.376	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	2119552	43480	46.8	7.607	930		5.4	2.0	.1			93														
Wet Bulb	1814357	40209	43.2	7.039	930		9.9	.1				93														
Dew Point	1510472	36406	39.1	10.076	930		26.4					93														

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION STATION NAME

9-76 YEARS

OCT MONTH
PAGE 1 0600-0600 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
72/ 71					.1	.2																									3	3			
70/ 69					.1	.2																									5	5			
68/ 67		.1	.1	.1	.3																										6	6			
66/ 65		.3	.4	.5	.5																										15	15	5		
64/ 63		.3	.5	.6	.1			.1																							16	16	10		
62/ 61		.8	1.0	.4	.2			.1																							23	23	6		
60/ 59		.9	.5	.3	.1																										17	17	20		
58/ 57		2.5	2.2	.5		.4	.1																								53	53	33		
56/ 55		1.2	1.1	.8	.1	.2																									31	31	35		
54/ 53	.1	1.1	2.2	1.0	.5	.2																									47	47	34		
52/ 51		3.1	3.2	1.3	1.1																										81	81	36		
50/ 49	.1	2.3	2.7	2.4	.8																										76	76	61		
48/ 47		2.4	1.9	3.0	.2	.2																									72	72	63		
46/ 45		2.5	2.5	2.8	.2	.2	.1																								77	77	68		
44/ 43		2.9	3.1	2.0	.3																										73	78	84		
42/ 41		2.4	2.8	1.0	.3																										60	60	82		
40/ 39		2.5	3.5		.4																										66	60	60		
38/ 37	.4	2.4	2.3	.5																											52	52	73		
36/ 35	.7	2.9	2.3	.1																											51	51	60		
34/ 33	.4	3.1	.8																												40	40	68		
32/ 31	.2	1.0	.9																												25	25	48		
30/ 29	.3	1.3	.1																												16	16	21		
28/ 27	.3	.8																													10	10	22		
26/ 25	.3	.4	.1																												8	8	9		
24/ 23		.3	.1																												4	4	5		
22/ 21		.2																													2	2	4		
20/ 19																																	1	2	
18/ 17		.2																													2	2	4		
16/ 15																																		2	
14/ 13																																		2	
12/ 11																																		3	
TOTAL		2.2	3.3	4.5	7.4	5.4	1.5	.3	.1																						937	930	930		
Element (X)	Σx'	Σx	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel Hum.	559294	71312	76.7	11.85	937	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	205917	42823	46.0	4.513	937		6.7	1.4				93																							
Wet Bulb	1771438	39730	42.7	4.234	937		11.2					93																							
Dew Point	1497260	36126	38.8	3.839	937		26.0					93																							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

14949
 STATION

DI FULT AF 3 NE
 STATION NAME

0-76
 YEARS

nct
 MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
84/ 83								.1		.1								1	1																	
82/ 81								.1	.1									2	2																	
80/ 79						.1		.1										2	2																	
78/ 77						.1	.1	.4		.1								7	7																	
76/ 75				.1	.1	.3	.4	.2		.1								12	12																	
74/ 73					.1	.2		.2	.1				.2					8	8																	
72/ 71			.2	.1	.2	.5	.1	.2	.1									14	14																	
70/ 69			.1		.6	1.1	.2	.2	.2	.4								28	28	3																
68/ 67			.1	.4	.6	1.1	.3	.6	.2									33	33	5	1															
66/ 65		.3	.4	1.1	.8	.5	.8	.3	.1									40	40	13	5															
64/ 63		.1	.3	1.1	.6	1.2	1.1	1.0	.1									51	51	21	6															
62/ 61		.5	1.3	.8	.5	.4	1.0	.5	.2									49	49	24	5															
60/ 59		.8	1.4	.8	1.0	1.2	1.5	.3										70	70	40	14															
58/ 57		.8	1.6	.6	1.0	1.5	1.3	.2										65	65	34	34															
56/ 55		.9	1.2	1.1	1.6	1.5	.3	.1										62	62	36	40															
54/ 53		.5	1.4	.8	1.9	1.9	.4											65	65	37	41															
52/ 51		1.3	2.5	.9	2.0	.3	.4											74	74	65	48															
50/ 49	.1	1.6	1.7	1.6	1.7	.4	.2											69	69	63	35															
48/ 47		1.2	1.0	1.6	1.1	.5												50	50	64	55															
46/ 45		1.0	1.7	2.4	1.0													56	56	65	58															
44/ 43		1.1	.8	1.1	.6	.1												34	34	79	52															
42/ 41		.5	2.3	1.5	.3	.1												44	44	71	48															
40/ 39		1.3	1.2	.4	.3													30	30	42	63															
38/ 37	.1	1.8	.3	.5														26	26	61	86															
36/ 35	.1	.6	1.0	.1														18	18	39	91															
34/ 33	.2	.4	.1	.3	.1													11	11	22	73															
32/ 31	.3		.1	.1														5	5	20	65															
30/ 29		.2	.1															3	3	5	41															
28/ 27		.1																1	1	3	20															
26/ 25																				3	18															
24/ 23																					9															
22/ 21																					12															
20/ 19																					7															
18/ 17																					1															
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																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (O.L.A.) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAA

PSYCHROMETRIC SUMMARY

14949
 STATION

WRIGHT AFB MO
 STATION NAME

1976
 YEARS

YEARS

JULY
 MONTH

PAGE 2

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
14 / 13 TOTAL		.7	1.5	2.0	2.8	7.3	17.7	13.2	8.2	4.0	1.2	.8	.2																					930	930	930	930

Element (X)	ΣX^2	ΣX	\bar{X}	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.	4050671	59419	83.9	0.545	930							
Dry Bulb	2809520	50230	54.0	0.175	930		10.7	3.2	.4			93
Wet Bulb	2176968	44292	47.6	0.526	930		3.1	.8				93
Dew Point	1667870	38270	41.2	0.787	930		17.5	.1				93

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB NF
 STATION STATION NAME

9-70 YEARS

PLT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
92/ 91														.1																			1	1				
90/ 89																					.1	.2											3	3				
88/ 87																					.2	.3											5	5				
86/ 85														.1	.1						.4												6	6				
84/ 83														.2	.1						.6												10	10				
82/ 81								.1	.1				.4	.2	.4						.1												14	14				
80/ 79							.1	.1	.2	.3			.2	.3	.3	.3					.3												20	20				
78/ 77						.1	.2		.4	.4			.6	.5	.2	.1																		25	25			
76/ 75					.3	.4	.2	.3	.2	1.2	.5	.3	.1																					34	34			
74/ 73				.1	.3	.5	.5	.8	.9	.5	.5																							39	39			
72/ 71				.6	.1	1.3	.2	.9	1.0	.1																								47	47	3		
70/ 69			.3	1.1	1.3	.3	1.0	.3	.9	.3	.1																							52	52	7		
68/ 67			.4	.1	.3	.5	.8	1.0	1.2	.5	.2																							53	53	16	3	
66/ 65			.5	1.1	.2	.3	.6	1.7	1.6	.3	.2																							56	56	23	3	
64/ 63	.2	.6	.6	.8	.1	.8	1.0	.8	.4																									55	55	36	0	
62/ 61	.3	.4	.8	.4	1.0	1.2	1.0	.4	.3																									60	60	51	17	
60/ 59		.8	.8	.9	.6	1.0	1.4	.3	.1																									54	54	62	17	
58/ 57	.2	.4	.9	.9	.6	1.9	.8	.2																										55	55	48	25	
56/ 55	.2	.4	.6	.5	1.8	.9	.4	.1																										47	47	64	44	
54/ 53	.6	1.3	1.1	1.0	1.7	1.0	.3																											67	67	66	47	
52/ 51	.5	1.3	.6	1.0	.9	.5	.1																											47	47	90	38	
50/ 49	.5	.1	.9	.5	.6	.1																												26	26	79	37	
48/ 47	.5	.9	.5	1.0		.1																												28	28	82	48	
46/ 45	.2	.3	.5	1.2	.6	1.0																												36	36	78	62	
44/ 43	.6	.6	.5	1.4	.3	.2																												29	29	54	59	
42/ 41	.6	.5	.9	.5	.1																													25	25	46	62	
40/ 39	1.4	.2	.1	.6	.1																													23	23	39	52	
38/ 37	.5			.2																														7	7	45	63	
36/ 35	.5	.1																																4	4	21	76	
34/ 33	.1	.1																																2	2	11	82	
32/ 31																																				7	59	
30/ 29																																					2	50
28/ 27																																					24	
26/ 25																																					8	
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																																						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE
 STATION STATION NAME

9-7
 YEARS

JCT
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					12
22/ 21																					23
20/ 19																					5
18/ 17																					4
16/ 15																					2
14/ 13																					2
TOTAL	.0	7.1	9.2	11.9	12.2	12.6	11.4	12.8	7.0	5.5	5.4	1.0	.0	.1				930	930	930	930
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum	2816094	48088	51.71	18.835	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3505473	56561	60.81	11.674	930			30.9	15.7	5.0		93									
Wet Bulb	2457341	47099	50.6	6.559	930		.9	2.0				93									
Dew Point	1677754	38308	41.21	10.364	930		18.9	.3				93									

USAFETAC FORM 0-26-5 (O.L.A.) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB NE

9-7

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
92/ 91														.1				1	1																	
90/ 89													.3	.2				5	5																	
88/ 87										.1	.3	.1						6	6																	
86/ 85								.2		.1	.3	.1						7	7																	
84/ 83						.2	.1	.3	.1	.4	.1		.1					13	13																	
82/ 81						.1	.2	.2	.3	.5	.4	.1						18	18																	
80/ 79						.3	.1	.3	.5	.9	.2	.3	.2	.1				25	25																	
78/ 77						.3	.2	.2	.2	.6	.4	.5	.2	.1				25	25																	
76/ 75					.3	.2	.4	.4	.9	1.3	.6	1.0						48	48																	
74/ 73					.3	.4	.5	.5	.3	1.1	1.3	.2						48	48																	
72/ 71					.2	1.1	.4	.3	.3	1.3	.6	.2						42	42	4																
70/ 69					.5	1.1		1.1	1.3	1.1	.4							51	51	3																
68/ 67			.1	.3	.6	.1	.3	1.0	1.1	.5	.2							49	49	14	3															
66/ 65		.3	.4	.8	.2	.2	.3	1.8	.8	.4	.2							51	51	31																
64/ 63		.5	.1	.9	.6	.5	.9	1.0	1.1	1.1	.1							63	63	39	9															
62/ 61		.2	.4	1.2	.6	.4	.6	1.1	.9	.4								56	56	61	20															
60/ 59		.2	1.1	.6	.3	.5	1.0	1.6	.4	.5								59	59	52	14															
58/ 57		.1		.3	.9	.4	1.4	.9	.2									39	39	48	24															
56/ 55		.2	1.0	.6	1.2	1.4	1.4	.4	.1									59	59	65	40															
54/ 53		1.1	.6	1.0	.3	2.0	.9	.4										59	59	82	43															
52/ 51		.6	.4	.4	.3	1.4	.2	.2										34	34	94	51															
50/ 49		.6	1.0	.3	1.1	.2	.2											32	32	57	47															
48/ 47		.4	.2	.4	1.2	.2	.3											26	26	74	40															
46/ 45	.1	.4	.3	1.0	1.1	.4	.1											32	32	73	49															
44/ 43		.5	.3	1.0	.9	.6												31	31	71	57															
42/ 41		1.2	.2	.6	.2	.3												24	24	49	51															
40/ 39	.1	1.1	.5		.3	.2												21	21	31	67															
38/ 37	.2	.3		.1														6	6	39	62															
36/ 35																				31	59															
34/ 33																				3	55															
32/ 31																				6	77															
30/ 29																				3	53															
28/ 27																					38															
26/ 25																					18															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION

1970

YEARS

NOV

MONTH

PAGE 2 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B	Dry Bulb	Wet Bulb	Dew Point	
24/ 23																					18	
22/ 21																					13	
20/ 19																					10	
18/ 17																					6	
12/ 11																					6	
TOTAL	0.0	0.0	0.0	9.5	11.8	12.0	10.0	12.6	9.2	1.5	2.5	3.3	0.8	0.6				930	130	930	130	

Element (X)	ΣX^2	ΣX	\bar{X}	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.	2606023	45831	49.31	19.339	930							
Dry Bulb	3688821	57541	61.9	11.767	930			33.8	19.6	5.9		93
Wet Bulb	2476387	47319	50.9	8.604	930		0.9	2.1				93
Dew Point	1649025	37857	40.7	10.782	930		23.9	0.3				93

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION STATION NAME

9-76 YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb
84/ 83									.1	.2							3	3	
82/ 81								.3	.1	.1							5	5	
80/ 79						.1		.1	.5								7	7	
78/ 77					.1		.2	.2	.1	.1							7	7	
76/ 75					.4	.1	.2	.3	.4		.1						15	15	
74/ 73					.5	.3	.2	.0	.2	.2	.1						22	22	
72/ 71				.1	.4	.2	.6		.5	.2	.3	.1					24	24	
70/ 69				.3	.4	1.0	.3	.3	.3	.4							29	29	3
68/ 67			.1	.4	.5	.4	.5	.5	.4	.2	.1						31	31	7
66/ 65			.4	.4	.9	1.1	.3	1.1	.4	.3							46	46	16 3
64/ 63		.6	.3	1.4	.6	1.2	1.8	1.3	.2								70	70	28 3
62/ 61		.7	.6	1.2	.5	.7	2.3	.9	.4								71	71	28 17
60/ 59		1.2	.4	.6	1.0	1.4	.8	.6	.2	.1							59	59	45 23
58/ 57		.2	1.2	.9	1.0	1.3	1.4	.4	.1								60	60	54 18
56/ 55		.3	1.4	.6	1.4	1.0	1.5	.2									60	60	43 33
54/ 53		1.3	1.4	1.3	1.1	1.2	1.1										68	68	61 41
52/ 51		.8	.9	.5	1.1	1.8	.8										54	54	83 52
50/ 49		.5	1.6	1.7	2.0	1.0	.2										66	66	80 39
48/ 47		.9	.6	1.5	1.7	.5	.2										51	51	73 48
46/ 45		.6	.5	2.5	1.5	.2	.1										51	51	74 41
44/ 43	.1	.9	.5	1.1	.3	.4											31	31	72 51
42/ 41		.6	.6	1.3	.4	.4											32	32	73 66
40/ 39	.3	1.5	.9	.5	.3												33	33	66 81
38/ 37		.5	1.0	.3	.6												23	23	44 55
36/ 35		.2	.4		.2												8	8	33 56
34/ 33		.1		.1	.1												3	3	23 59
32/ 31																			10 67
30/ 29				.1													1	1	6 67
28/ 27																			2 43
26/ 25																			1 24
24/ 23																			1 7
22/ 21																			13
20/ 19																			8
18/ 17																			9
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								
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION NAME

1970 YEARS

JUN MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
14/ 13																					1
12/ 11																					3
TOTAL	.4	1.2	3.0	7.0	7.3	14.5	12.6	7.1	4.0	1.8	1.0	.1						930		930	
																	930			930	

Element (X)	Σx'	Σx	\bar{x}	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.	3410399	53995	58.1	17.500	930							
Dry Bulb	3023132	52148	56.1	10.325	930		.1	14.3	3.9	2.1		93
Wet Bulb	2236185	44907	48.3	8.540	930		1.9	1.0				93
Dew Point	1616212	37518	40.3	10.512	930		24.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14947 OFFUTT AFB NE STATION NAME

9-73 YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
80/79								.1																								1	1		
78/77								.1																								1	1		
76/75					.1	.1		.4	.3																						9	9			
74/73					.2	.2		.3	.2																						9	9			
72/71						.1	.2	.4																							7	7			
70/69			.5	.3	.3	.5		.2																							18	18	2		
68/67				.3	.4	.5	.2	.2																							16	16	2		
66/65		.2	.6	.0	.2	.2			.1	.1																					20	20	9		
64/63		.9		1.2	1.1	.2	.4	.3	.2	.1																					41	41	18		
62/61		.4	.4	.8	.8	.5	1.0	.4	.2	.1																					43	43	29		
60/59		1.2	2.0	.8	1.5	1.4	.6	.5	.1																						76	76	22		
58/57		1.3	1.5	.8	1.7	1.2	.3	.1																							64	64	43		
56/55		.4	1.3	1.0	2.2	1.4	.2																								60	60	47		
54/53		1.1	1.6	1.9	1.9	1.2																									72	72	41		
52/51		1.3	2.0	1.4	1.3	.0	.1																								63	63	59		
50/49	.2	.3	1.2	1.8	1.4	.4																									50	50	77		
48/47		1.0	1.7	2.0	1.9	.0																									68	68	78		
46/45		1.8	2.0	3.8	.0	.1																									79	79	65		
44/43		1.2	2.2	3.2	.6	.1																									68	68	76		
42/41		1.0	.9	1.9	.6																										41	41	71		
40/39	.1	2.5	1.9	.5	.4	.1																									52	52	79		
38/37	.2	1.3	1.1	.2	.3																										29	29	76		
36/35		.6	.5	.3																											14	14	47		
34/33		.6	.4	.4																											14	14	29		
32/31		.6	.2																												9	9	15		
30/29			.2	.1																											3	3	16		
28/27			.3																												3	3	4		
26/25																																1	1	18	
24/23																																4	4	9	
22/21																																		12	
20/19																																	4		
18/17																																	8		
16/15																																	2		
14/13																																	1		
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																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) JUL 64
 USAFETAC
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR & LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

9-75

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																		7	2		
90/ 89												.0	.1	.0				9	8		
88/ 87										.0	.1	.0	.0					11	11		
86/ 85									.0	.0	.1	.0	.0					13	13		
84/ 83								.0	.0	.1	.1	.2	.0	.0				27	27		
82/ 81						.0	.0	.1	.1	.1	.1	.1	.0	.0				39	39		
80/ 79						.0	.0	.1	.2	.1	.1	.1	.1	.0				55	55		
78/ 77					.0	.1	.1	.2	.1	.2	.1	.1	.0	.0				65	65		
76/ 75				.0	.2	.1	.3	.2	.2	.3	.2	.2	.0					122	122		
74/ 73				.0	.2	.2	.2	.3	.2	.3	.2	.3	.0					132	132		
72/ 71			.1	.1	.2	.3	.4	.1	.2	.3	.2	.1						148	148	7	
70/ 69			.2	.2	.5	.7	.1	.3	.3	.3	.1	.0						201	201	18	
68/ 67		.0	.2	.3	.4	.4	.3	.6	.4	.2	.1							209	209	48	7
66/ 65		.3	.4	.6	.4	.3	.3	.6	.3	.1	.1							263	263	105	17
64/ 63		.5	.4	1.0	.6	.4	.6	.7	.3	.2	.0							344	344	183	45
62/ 61		.5	.7	.8	.5	.4	.8	.6	.3	.1								343	343	230	111
60/ 59		.9	1.0	.7	.8	.7	.6	.6	.1	.1								404	404	287	87
58/ 57		1.0	1.3	.7	.8	.8	.9	.3	.1									438	438	348	193
56/ 55		.8	1.4	.8	1.1	1.0	.6	.1	.0									437	437	374	276
54/ 53	.0	1.0	1.7	1.3	1.2	1.1	.4	.1	.0									510	510	433	322
52/ 51	.0	1.5	1.8	1.0	1.2	.7	.3	.1										487	487	542	330
50/ 49	.1	1.0	1.7	1.6	1.2	.4	.1											454	454	557	392
48/ 47		1.2	1.2	1.9	1.1	.3	.1											426	426	569	319
46/ 45	.1	1.4	1.5	2.4	.9	.3	.0											484	484	608	373
44/ 43	.1	1.4	1.7	1.5	.4	.0												401	401	531	441
42/ 41	.0	1.3	1.5	1.2	.4	.1	.0											339	339	564	455
40/ 39	.1	1.8	1.8	.4	.4	.1												339	339	481	507
38/ 37	.0	1.5	1.2	.4	.2													264	264	471	569
36/ 35	.2	1.1	1.0	.1	.1													182	182	374	621
34/ 33	.1	.9	.4	.1	.0													117	117	272	537
32/ 31	.1	.6	.2	.0														69	69	179	553
30/ 29	.1	.3	.1	.0														41	41	82	503
28/ 27	.1	.2	.1															33	33	55	266
26/ 25	.1	.1	.1															16	16	24	169
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																					

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 9-73 OCT
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23		.1	.0															9	9	15	103
22/ 21		.1																4	4	13	109
20/ 19		.0																3	2	2	42
18/ 17		.0																2	2	4	44
16/ 15																					16
14/ 13																					16
12/ 11																					17
TOTAL	1.2	19.52	1.7	1.4	2.0	8.0	6.1	5.0	2.9	2.4	1.5	.7	.2	.1				7440		7440	

Element (X)	Σx^2	Σx	\bar{x}	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.	33203701	477243	64.1	10.062	7441							
Dry Bulb	22152445	396409	53.3	11.773	7441		17.0	103.2	27.4	12.4		144
Wet Bulb	16905489	348001	46.8	7.198	7440		37.8	7.3				144
Dew Point	12777700	298010	40.2	10.218	7441		183.8	.7				144

USAF/TAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR LATHER SERVICE/MAR

PSYCHROMETRIC SUMMARY

14949
 STATION

DIFFETT AFB NT
 STATION NAME

9-71
 YEARS

YEARS

NOV
 MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
64/ 63				.2														2	2		
62/ 61					.2	.1												4	4		
60/ 59		.3	.2	.6		.1												11	11		
58/ 57		.2	.4	.4														11	11	3	1
56/ 55		.2	.7		.6	.1												14	14	6	0
54/ 53		.7	.2	.3	.6	.1												17	17	14	8
52/ 51	.1	.7	.7	.3	.1													17	17	15	9
50/ 49		.9	1.6	.9	.1													31	31	14	12
48/ 47	.3	.9	1.3	.3		.2	.1											29	29	24	20
46/ 45		1.9	1.7	.4	.2	.1												39	39	34	18
44/ 43	.1	1.1	2.9	.9		.1												46	46	37	8
42/ 41		1.7	2.3	.4	.6													45	45	38	37
40/ 39	.6	2.7	2.8	.8	.4													65	65	45	32
38/ 37		3.3	3.8	.9														72	72	70	37
36/ 35		7.9	4.3	.6														70	70	52	62
34/ 33	1.1	4.6	2.4	1.1	.1													84	84	96	40
32/ 31	.6	3.0	2.7	1.4														69	69	87	72
30/ 29	.2	4.9	3.0	.6														78	78	66	55
28/ 27	.7	3.6	1.3	.3														53	53	70	91
26/ 25		2.3	.8															28	28	68	62
24/ 23	.4	2.6	.1															28	28	47	43
22/ 21		1.2	.3															14	14	28	48
20/ 19	.3	1.9	.8															27	27	12	57
18/ 17	.3	.7	.4															13	13	22	39
16/ 15	.5	.3	.3															13	13	14	44
14/ 13	.1																	1	1	13	29
12/ 11		.2	.1															3	3	1	10
10/ 9	.2	.7																3	6	6	8
8/ 7	.1	.1																2	2	7	14
6/ 5		.4																4	4	2	5
4/ 3		.2																2	2	2	7
2/ 1																				2	3
0/ -1																					7
-2/ -3																					4
Element (X)	Σ X'		Σ X		X	X ²	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																					

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

9-70

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
64/63						.1												1	1		
62/61			.2		.1													3	3		
60/59		.4	.1	.1	.1													7	7		
58/57		.4	.4	.2														10	10	7	3
56/55		.3	1.0	.1														13	13	6	3
54/53		.4	.0	.3	.1	.1												14	14	12	6
52/51		.2		.2	.0													9	9	15	11
50/49	.3	1.0	.4	.9	.1													25	25	8	10
48/47	.4	1.1	1.1	.8	.2													33	33	25	19
46/45		1.2	2.1	.3		.3												36	36	19	17
44/43		1.7	2.0	.1														34	34	39	8
42/41	.2	1.1	1.2	.9	.3													34	34	41	29
40/39	.1	3.9	2.2	.1	.2													59	59	27	30
38/37	.2	3.1	1.9	.4	.1													52	52	26	30
36/35	.2	4.1	3.0	1.2														82	82	51	56
34/33	.0	5.4	3.1	.2														86	86	74	51
32/31	.1	5.2	2.0	.8														78	78	101	53
30/29	.3	5.0	2.6	.4														75	75	61	72
28/27	.0	4.1	1.0	.1														54	54	70	83
26/25	.0	2.7	1.0	.3														50	50	68	61
24/23	.3	2.1	1.3															34	34	41	49
22/21	.1	2.1	.3															23	23	40	54
20/19	.4	2.1	.3															26	26	27	57
18/17	.3	1.1	.2															15	15	26	34
16/15	.4	.7	.3															13	13	14	33
14/13	.1	.7	.1															10	10	11	46
12/11		.3	.1															4	4	8	20
10/9		.3																7	7	4	7
8/7	.3	.3																6	6	9	6
6/5		.2																2	2	3	9
4/3		.2																2	2	3	9
2/1		.3																3	3	2	4
0/-1																				2	3
-2/-3																					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	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION NAME

9-71 YEARS

NOV MONTH

PAGE 2 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
-4/-5																					5
-6/-7																					4
-8/-9																					1
-10/-11																					2
TOTAL	6.7	52.6	0.7	7.7	1.9	0.0											900	900	900	900	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum	5383795	68723	76.41	0.308	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1147012	30610	34.01	0.648	900		40.2					90
Wet Bulb	969974	28430	31.60	0.111	900	0.2	51.0					90
Dew Point	781372	24372	27.11	0.020	900	1.8	62.1					90

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

14949 DEPUTT AFB NF
 STATION STATION NAME

9-71
 YEARS

NOV
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
60/ 59		.3																														3	3				
58/ 57		.3	.6																													10	10	3			
56/ 55		.9	.4			.1		.1	.2																							16	16	3	3		
54/ 53		.3	.8	.1		.1																										12	12	19	6		
52/ 51	.1	.6	.7			.2																										14	14	7	16		
50/ 49		.7	.1	.4																												11	11	13	7		
48/ 47		1.3	.6	.7																												25	25	13	10		
46/ 45		1.8	1.6	.9																												38	38	17	20		
44/ 43		2.2	2.0	.3		.3	.1																									52	52	33	9		
42/ 41	.1	1.6	1.1			.1																										26	26	51	22		
40/ 39	.3	2.7	2.7	.2		.3																										56	56	46	30		
38/ 37	.2	3.6	1.6	.2		.1																										51	51	42	47		
36/ 35	.4	3.0	2.9	.4																												61	61	62	41		
34/ 33	.3	5.6	2.9	.6		.1																										84	84	43	61		
32/ 31	.7	6.0	2.9	.2																												84	84	103	43		
30/ 29	.6	4.7	2.1	.3																												71	71	92	64		
29/ 27	1.0	6.0	1.9	.1																												81	81	73	97		
26/ 25	.7	3.2	1.6	.2																												47	47	74	53		
24/ 23	.3	2.6	1.0																													35	35	49	51		
22/ 21	.3	1.7	.6																													23	23	34	59		
20/ 19	.7	1.4	.2																													21	21	28	69		
18/ 17	.3	2.1	.6																													27	27	28	36		
16/ 15	.3	.9																														11	11	19	26		
14/ 13	.1	1.3																														13	13	10	19		
12/ 11	.3	.3																														10	10	13	40		
10/ 9	.1	.3																														4	4	8	18		
8/ 7	.1	.7																														7	7	6	9		
6/ 5		.1																														1	1	4	13		
4/ 3																																	5	5	2	7	
2/ 1		.6																															5	5	3	8	
0/ -1	.1																															1	1	3	3		
-2/ -3																																				1	
-4/ -5																																				2	
-6/ -7																																				0	
Element (X)	Σ X ²	Σ X	Σ	Σ _x	No. Obs.	Mean No. of Hours with Temperature																															
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 0-70 NOV
 STATION STATION NAME YEARS MONTH

PAGE 2 0600-0600
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-8/-9																					2
-10/-11																					2
TOTAL	7.0	57.1	9.2	4.8	1.4	.1	.1	.2									900	900	900	900	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum	5487017	69283	77.1	2.215	900							
Dry Bulb	1090707	29859	33.2	10.551	900	.1	44.1					90
Wet Bulb	950980	27818	30.9	10.070	900	.3	54.8					90
Dew Point	752832	23856	26.5	11.625	900	1.6	72.8					90

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE

9-78

NOV

STATION

STATION NAME

YEARS

MONTH

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

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
68/ 67						.1																											1	1				
66/ 65							.1																											1	1			
64/ 63						.2																												2	2			
62/ 61				.1	.2																													3	3			
60/ 59		.3	.6	.2		.2	.1																											13	13			
58/ 57		.4	.4	.2	.7	.2	.2	.1																										21	21	5	1	
56/ 55		1.1	.3	.3	.4	.4	.1	.1																										26	26	15	5	
54/ 53		.4	.7	.9	.7	.6	.4																												35	35	21	9
52/ 51		.4	.7	.7	.6	.2																													25	25	13	19
50/ 49	.1	1.0	.8	1.3	.4	.2	.1																												36	36	18	13
48/ 47		.9	1.1	.8	.6																														32	32	38	9
46/ 45		1.9	1.6	2.1	1.2	.6	.1																												69	69	36	24
44/ 43	.1	1.2	2.0	1.0	1.0	.4																													52	52	56	29
42/ 41		2.1	1.2	1.0	.4	.2																													45	45	39	23
40/ 39		2.4	4.0	1.1	.4	.1																													73	73	57	39
38/ 37	.1	1.8	3.2	1.6	.4	.1																													65	65	77	46
36/ 35	.3	2.2	2.3	1.6	.1																														59	59	67	50
34/ 33		4.1	2.1	.8																															63	63	73	54
32/ 31	.2	3.0	2.3	1.2	.1																														67	67	61	68
30/ 29	.4	3.2	1.2	.4	.2																														50	50	77	61
28/ 27		2.1	2.1	.4																															42	42	52	89
26/ 25		1.3	.6	.6																															22	22	40	65
24/ 23	.1	1.3	1.0																																22	22	31	47
22/ 21	.2	.8	.7																																15	15	22	53
20/ 19	.6	1.1	.8																																22	22	23	31
18/ 17	.1	.6	.1																																9	9	17	37
16/ 15	.1	1.1																																	11	11	15	26
14/ 13	.2	.2																																	4	4	10	22
12/ 11		.7	.2																																8	8	2	10
10/ 9		.2	.1																																3	3	7	20
8/ 7		.2																																	2	2	4	17
6/ 5		.1																																	1	1	2	9
4/ 3		.1																																	1	1	2	7
2/ 1																																						4
Element (X)	Σ X ²	Σ X	\bar{X}	s _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																																						

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR QUALITY SERVICE/MAC

PSYCHROMETRIC SUMMARY

14947 OFFUTT AFB NE STATION NAME

9-70 YEARS

NOV MONTH

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					2
-2/ -3																					5
-6/ -7																					3
-8/ -9																					3
TOTAL	2.9	57.3	10.3	10.3	8.0	3.4	1.4	.2										900	900	900	900
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum	4631570	63108	70.11	1.154	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	1417219	34245	38.11	1.021	900		77.9	.1				90									
Wet Bulb	1157690	30980	34.42	0.977	900		76.5					90									
Dew Point	859337	25721	28.60	0.757	900	1.3	57.9					90									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB NE

19-71

NOV

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6/ 5																						10													
4/ 3																						13													
2/ 1																						3													
0/ -1																						3													
-2/ -3																						3													
-6/ -7																						4													
-8/ -9																						2													
TOTAL	1.4	20.0	21.2	18.9	13.1	11.1	7.0	4.6	1.4	1.1	.1							900	900	900	900														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel Hum.	3491132	53562	59.51	10.373	900							90
Dry Bulb	1871218	39506	43.91	10.348	900		17.0	2.0	.1			90
Wet Bulb	1387890	34112	37.91	10.278	900		78.5					90
Dew Point	912021	26483	29.42	10.151	900	1.2	54.4					90

USAF/TAC FORM 0-26-2 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE 1973 NOV
STATION STATION NAME YEARS MONTH
PAGE 2 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
6/ 5																						8														
4/ 3																						6														
2/ 1																						7														
0/ -1																						3														
-2/ -3																						5														
-4/ -5																						1														
-6/ -7																						1														
-8/ -9																						2														
TOTAL	16.9	20.2	10.9	13.4	12.6	8.1	2.6	2.6	.7	.3								900	700	900	900															

Element (X)	Σx'	Σx	\bar{x}	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.	3347083	52203	58.01	18.841	900							90
Dry Bulb	1937318	40164	44.61	12.476	900		15.3	6.7	.3			90
Wet Bulb	1410827	34419	38.21	6.254	900		27.4					90
Dew Point	907527	26423	29.41	2.199	900	1.2	54.6					90

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION STATION NAME

9-76 YEARS

NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
70/ 69						.1											1	1		
66/ 65					.1	.1											3	3		
64/ 63			.1	.0	.1	.1											16	16		
62/ 61			.1	.2	.1	.1	.3										8	8		
60/ 59		.1	.4	.4	.2	.7	.1	.1									19	19	7	
58/ 57		1.0	1.1	.4	.4	.7	.3	.1									37	37	13	
56/ 55		.4	.1	.3	1.2	.4	.2										25	25	8	
54/ 53			.3	1.3	1.0	.7	.2	.1									35	35	20	
52/ 51		.0	.4	.7	.0	.6	.1	.2									32	32	18	
50/ 49		.0	1.4	1.0	.7	.4	.6										42	42	8	
48/ 47	.1	1.0	.4	.3	1.0	.2											28	28	18	
46/ 45		.9	1.2	1.4	1.0	.8	.1										54	54	16	
44/ 43		1.4	1.0	1.8	1.1	.4	.1										58	58	25	
42/ 41		.8	2.7	2.2	1.1	.3											64	64	35	
40/ 39		1.0	2.0	1.4	.9	.3											63	63	40	
38/ 37	.1	2.1	2.8	1.9	.9												70	70	39	
36/ 35	.2	1.9	2.1	2.0	.6												61	61	48	
34/ 33	.0	2.2	1.2	2.9	.2												66	66	52	
32/ 31		2.1	2.7	1.3													55	55	65	
30/ 29		1.8	2.0	.6	.1												40	40	63	
28/ 27	.1	1.9	1.1	.4	.1												33	33	73	
26/ 25		.9	.0	.3													18	18	61	
24/ 23		1.2	1.7	.1													27	27	37	
22/ 21		1.0	.2														11	11	50	
20/ 19	.1	.0	.2														8	8	66	
18/ 17	.1		.1														4	4	40	
16/ 15		.1	.4														5	5	32	
14/ 13		.0	.1														6	6	14	
12/ 11		.4	.2														6	6	19	
10/ 9		.1	.1														2	2	0	
8/ 7																			13	
6/ 5																			4	
4/ 3																			4	
2/ 1																			6	
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									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

(9-7)

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/ -1																					7	
-2/ -3																					3	
-4/ -5																					2	
-6/ -7																					3	
TOTAL	1.0	25.0	78.7	2.1	2.8	6.0	2.3	.0	.2									897	897	897	897	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	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	4085351	58791	65.51	10.074	897							90
Dry Bulb	1567662	36116	40.31	1.050	897		71.0	.1				90
Wet Bulb	1237488	32100	35.8	0.953	897		73.5					90
Dew Point	874610	25890	28.91	1.906	897	1.5	57.2					90

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

9-76

1976

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
68/ 07						.1																										1	1		
66/ 65					.1																											1	1		
64/ 63			.2	.3	.1																										9	9			
62/ 61			.2																												2	2			
60/ 59			.4	.7																											10	10	7		
58/ 57		.7	.8	.2	.3	.1																									19	19	7		
56/ 55		.6	.4	.2	.6																										18	18	19		
54/ 53			.4	.9	.1	.1	.1																								12	12	17		
52/ 51		1.0	1.2	1.1	.8	.1																									38	38	10		
50/ 49		.3	1.3	1.1	.1		.2																								28	28	15		
48/ 47	.5	1.1	1.2	1.3	.2	.1	.2																								41	41	30		
46/ 45		.8	1.2	1.0	.2	.1																									30	30	38		
44/ 43		1.4	1.9	1.4	.0	.2																									50	50	40		
42/ 41	.1	1.0	1.6	1.6	1.0																										49	49	31		
40/ 39	.2	1.7	3.4	1.0	.4	.2																									85	85	43		
38/ 37	.1	2.2	3.5	1.6	.4																										70	70	70		
36/ 35		3.1	3.3	1.4	.7																										77	77	82		
34/ 33	1.0	3.3	2.6	1.4	.2																										77	77	72		
32/ 31	.3	2.3	2.3	.6																											50	50	76		
30/ 29	.7	2.1	2.0	.4	.1																										53	53	70		
28/ 27	.2	4.5	1.8	.1																											50	59	62		
26/ 25		2.0	1.2																												29	29	62		
24/ 23	.1	1.3	.7	.3																											24	24	40		
22/ 21		.7	.4	.1																											11	11	19		
20/ 19	.5	1.9	.1																												21	21	19		
18/ 17	.2	.4	.3																												9	9	27		
16/ 15	.1	.1	.2																												4	4	5		
14/ 13		.2																													2	2	6		
12/ 11		.9																													8	8	3		
10/ 9	.1	.0																													6	6	10		
8/ 7		.4																													4	4	4		
6/ 5																																		3	
4/ 3																																		5	
2/ 1																																		7	
Element (X)	Σx'	Σx	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																																			

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14943 OFFUTT AFB NE STATION NAME

9-7, YEARS

NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
0/-1																						7														
-2/-3																						1														
-4/-5																						3														
-6/-7																						4														
TOTAL	3.0	35.0	5.0	5.7	7.4	6.2	1.2	.6										897	897	897	897															

Element (X)	ΣX^2	ΣX	\bar{X}	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.	4689865	63073	71.0	13.777	897							90
Dry Bulb	1340373	33451	37.3	10.065	897		28.1	.1				90
Wet Bulb	1121478	30438	33.9	11.945	897		40.2					90
Dew Point	837749	25375	28.3	11.065	897	1.5	59.5					90

USAFETAC FORM 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR LAUNCH SERVICE/MAC

PSYCHROMETRIC SUMMARY

14944
 STATION

DI FUTT AF 1 F
 STATION NAME

9-7
 YEARS

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 MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
74/ 73								.0	.0																						4	4			
72/ 71								.0																							7	7			
70/ 69									.1																						14	14			
68/ 67					.0		.0	.1	.0	.1																				25	25				
66/ 65					.0		.2	.1	.2	.1	.1																			55	55				
64/ 63				.1	.3	.2	.2	.3	.2	.0	.0																			87	87				
62/ 61		.0	.2	.2	.1	.2	.2	.2	.0																					81	81				
60/ 59		.2	.4	.3	.2	.3	.2	.1	.1																					129	128	25	1		
58/ 57	.0	.5	.7	.2	.3	.3	.3	.1	.1	.0																				179	179	71	12		
56/ 55	.0	.5	.5	.2	.5	.3	.4	.1																						164	164	128	44		
54/ 53	.0	.5	.4	.5	.4	.4	.4	.2	.0																					201	201	154	105		
52/ 51	.0	.5	.0	.5	.0	.5	.1	.2																						208	208	148	125		
50/ 49	.1	.7	1.0	.9	.5	.5	.2	.1																						208	268	173	76		
48/ 47	.0	1.2	.9	.8	.7	.3	.3	.0																						308	308	268	124		
46/ 45	.0	1.3	1.4	1.3	.7	.7	.1	.0																						390	390	274	174		
44/ 43	.0	1.3	2.1	1.0	.7	.3	.0																							300	386	335	149		
42/ 41	.1	1.1	1.8	1.1	.7	.2	.0																							346	346	372	232		
40/ 39	.2	2.5	2.8	.9	.6	.2	.0																							502	502	373	295		
38/ 37	.1	2.3	2.5	1.4	.4	.1																								488	488	555	322		
36/ 35	.2	2.4	2.6	1.4	.3	.1																								500	500	521	406		
34/ 33	.5	3.8	2.1	1.2	.2	.0																								576	570	585	444		
32/ 31	.3	3.3	2.2	.9	.1																									480	480	656	485		
30/ 29	.3	3.0	2.1	.0	.1																									438	438	575	538		
28/ 27	.4	3.0	1.9	.4	.0																									369	369	427	636		
26/ 25	.2	1.8	1.0	.3																										236	236	417	450		
24/ 23	.2	1.5	.8	.1																										184	184	282	338		
22/ 21	.1	1.1	.4	.0																										118	118	205	442		
20/ 19	.3	1.3	.4																											144	144	150	452		
18/ 17	.2	.7	.4																											89	89	136	286		
16/ 15	.2	.5	.3																											72	72	74	255		
14/ 13	.1	.4	.1																											40	40	73	194		
12/ 11	.0	.4	.1																											40	40	44	142		
10/ 9	.1	.3	.0																											30	30	44	95		
8/ 7	.1	.2																												21	21	32	92		
Element (X)	Σx^2	Σx	\bar{x}	s_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																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB NE 9-71 NOV
 STATION NAME YEARS MONTH
 PAGE 2 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																
6/ 5			.1																																8	8	14	62	
4/ 3			.1																																5	5	8	58	
2/ 1			.1																																8	8	7	42	
0/ -1		.0																																	1	1	5	35	
-2/ -3																																							25
-4/ -5																																							15
-6/ -7																																							27
-8/ -9																																							12
-10/-11																																							4
Total				3.73	0.42	0.91	4.3	7.5	4.5	2.5	1.4	.5	.2	.1																					7194	7194	7194	7194	

Element (X)	Σx^2	Σx	\bar{x}	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	30219945	496253	69.01	10.023	7194							
Dry Bulb	11607806	276012	38.41	1.873	7194	.1	220.5	2.0	.4			720
Wet Bulb	9314150	247842	34.51	0.385	7194	.5	318.7					720
Dew Point	6747763	203225	28.21	1.831	7194	11.8	468.9					720

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

14949
 STATION

OFFUTT AFB NE
 STATION NAME

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 YEARS

YEARS

DEC
 MONTH

PAGE 1

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
58/ 57					.1																										1	1				
56/ 55								.1																								1	1			
54/ 53							.1																									1	1			
52/ 51		.1	.1																													2	2			
50/ 49																																			2	
48/ 47			.2	.1																												3	3	1	1	
46/ 45			.2	.1	.1																											4	4	4	1	
44/ 43	.3	.2	.1			.1																										7	7	5	7	
42/ 41		.5	.1	.4																												11	11	5	2	
40/ 39		.4	.6	.2	.3																											19	19	8	2	
38/ 37	.2	.3	1.5	.5																												24	24	11	11	
36/ 35	.4	2.3	1.2	.4																												40	40	17	10	
34/ 33	1.2	3.7	2.5	.3																												71	71	57	17	
32/ 31	.4	4.5	2.3	.1																												68	68	73	16	
30/ 29	.6	7.0	1.9	.2																												92	92	87	54	
28/ 27	.4	5.8	2.5	.1																												78	78	90	87	
26/ 25	.6	6.2	1.3																													77	77	66	74	
24/ 23	.4	3.9	1.3																													52	52	80	61	
22/ 21	.6	4.0	.4																													47	47	59	63	
20/ 19	1.3	3.5	.6																													51	51	52	67	
18/ 17	1.3	5.9	.6																													73	73	50	62	
16/ 15	.7	4.0	.6																													51	51	77	46	
14/ 13	.8	2.8																														33	33	45	57	
12/ 11	.3	1.2	.2																													23	23	34	56	
10/ 9	.4	.6	.2																													13	13	9	57	
8/ 7	.4	1.9	.1																													23	23	20	33	
6/ 5		1.8																														17	17	19	22	
4/ 3	.6	1.5																														19	19	20	20	
2/ 1	.4	1.0																														13	13	16	22	
0/ -1	.6	.1																														7	7	13	18	
-2/ -3																																			1	15
-4/ -5	.1																															1	1	1	9	
-6/ -7	.3																															3	3	3	7	
-8/ -9	.2																															2	2	2	11	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (G.L.A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14944 DEPT. AT. NE
 STATION STATION NAME

8-77

DEC

STATION

STATION NAME

YEARS

MONTH

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0000-0200

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb		Wet Bulb	Dew Point	
-10/-11	3																	3	3	3	8	
-12/-13																					2	
-14/-15																					5	
-16/-17																					1	
-18/-19																					3	
-22/-23																					3	
TOTAL	13	64	18	2	5	0	1		1								930	930	930	930		

Element (X)	ΣX^2	ΣX	\bar{X}	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	557685	71069	76.4	12.010	930							93
Dry Bulb	629980	22184	23.9	11.417	930	1.0	74.0					93
Wet Bulb	547360	20010	22.2	9.876	930	2.3	82.0					93
Dew Point	397831	16039	17.2	11.423	930	0.2	87.9					93

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE STATION NAME

9-77 YEARS

DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
56/55			.3				.1	.1																							4	4			
54/53							.1	.1																							2	2			
52/51		.1																													1	1	3		
50/49	.1																														1	1	5		
48/47		.1																													1	1	1		
46/45		.4																													4	4			
44/43					.3	.1																									4	4	6		
42/41		.3		.2																											5	5	2		
40/39	.1	.2	.1	.2																											6	6	1		
38/37	.2	.8	.9		.1																										18	18	4		
36/35	.2	2.0	2.7	.5	.1																										52	52	6		
34/33	.4	3.1	1.3																												45	45	14		
32/31	.6	4.9	1.2	.1																											64	64	19		
30/29	1.3	5.7	1.2	.1																											80	80	48		
28/27	1.3	7.3	1.4	.1																											94	94	84		
26/25	1.0	6.2	1.1																												87	83	77		
24/23	.4	4.7	.3																												55	55	53		
22/21	.7	4.7	1.0																												61	61	58		
20/19	1.0	3.4	.1																												46	46	80		
18/17	.8	4.7	.3																												56	56	59		
16/15	1.1	3.9	.1																												47	47	50		
14/13	1.2	4.1	.1																												50	50	51		
12/11	1.1	2.7																													35	35	50		
10/9	1.0	1.1																													19	19	56		
8/7	.2	1.3	.1																												15	15	49		
6/5	.7	1.2																													16	16	27		
4/3	.4	1.0																													13	13	11		
2/1	.7	1.4																													21	21	16		
0/-1	1.0																														13	13	19		
-2/-3	.7																														8	8	20		
-4/-5	.7																														2	2	12		
-6/-7	.7																														2	2	7		
-8/-9	.7																														2	2	14		
-10/-11	.3																														3	3	15		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE

R-77

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
17-13	.2																		2	2	2	2														
16-17																						0														
18-19																						3														
22-23																						1														
24-25																						2														
TOTAL	16.785	8.13	2.1	1.0	.3	.1	.1	.1											930	930	930	930														

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	5749123	72255	77.7	2.072	93	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	501744	21010	22.6	0.723	93	3.2	70.7					93
Wet Bulb	511158	19640	21.1	0.180	93	4.4	5.0					93
Dew Point	378494	15290	16.4	1.088	93	10.1	89.5					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB MF R-77
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0600
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
56/55		.1	.1															4	4			
54/53																					1	
52/51		.1																1	1	4	1	
50/49	.1					.1												2	2	1	2	
48/47				.1														2	2		3	
46/45		.1																4	4			
44/43				.1														1	1	5	1	
42/41			.1	.1														4	4	2	2	
40/39	.1	.1	.1															5	5	3	4	
38/37	.1	.1	.1															12	12	10	2	
36/35	.1	1.1	1.1															23	23	6	5	
34/33	.1	2.1	1.1	.1														47	47	30	10	
32/31	.1	4.1	1.1	.1														67	67	54	21	
30/29	.1	6.1	1.1	.1														79	79	63	27	
28/27	2.1	7.1	.1															94	94	93	87	
26/25	1.1	6.1	1.1															87	87	81	92	
24/23	1.1	5.1	.1															67	67	76	48	
22/21	.1	6.1	.1															70	70	73	62	
20/19	.1	4.1	.1															50	50	60	65	
18/17	.1	3.1																38	38	52	65	
16/15	.1	3.1	.1															45	45	44	68	
14/13	1.1	4.1																51	51	42	46	
12/11	1.1	3.1																40	40	58	42	
10/9	.1	3.1																38	38	40	54	
8/7	.1	1.1																17	17	19	43	
6/5	.1	1.1																16	16	14	34	
4/3	.1	.1																11	11	21	20	
2/1	.1	1.1																15	15	10	15	
0/-1	.1	.1																10	10	16	25	
-2/-3	1.1	.1																11	11	13	20	
-4/-5	.1	.1																6	9	9	8	
-6/-7	.1																	4	4	4	10	
-8/-9	.1																	2	2	2	12	
-10/-11	.1																	4	4	4	10	
Element (X)	Σ X ²	Σ X	Σ	Σ	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																						

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE 8-77 YEARS DEC
STATION MONTH
PAGE 2 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					9
-14/-15																					3
-16/-17																					6
-18/-19																					3
-20/-21																					2
-24/-25																					3
TOTAL	10	769	470	210	104	0	1										930	930	930	930	

Element (A)	ΣX^2	ΣX	\bar{X}	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	5824920	72818	78.3	1.573	93							93
Dry Bulb	543264	20208	21.7	0.589	93	4.0	82.5					93
Wet Bulb	482048	18964	20.4	0.194	93	4.8	80.8					93
Dew Point	364701	14727	15.8	1.901	93	11.1	90.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 DEWITT AFB TX
 STATION STATION NAME

8-77 YEARS

DEC MONTH

PAGE 1 0700-1100
 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															
62/ 61			.1															1	1																	
60/ 59			.1		.1		.1											3	3																	
58/ 57				.1	.1													1	1	2																
56/ 55		.1	.1				.1	.1										4	4		2															
54/ 53					.1													1	1	2	1															
52/ 51		.1				.1		.1										2	2	2																
50/ 49					.1	.2												3	3	2	1															
48/ 47		.1		.2	.2													5	5	1	2															
46/ 45		.4		.4	.1	.1												10	10	4	4															
44/ 43			.8	.1	.1													8	8	4	2															
42/ 41	.2	.1	.1	.3	.1													6	6	5	2															
40/ 39	.7	.4	.2	.5	.3	.2												24	24	6	1															
38/ 37		.6	1.0	.5														21	21	3	3															
36/ 35	.1	3.0	1.9	.6	.1													54	54	16	13															
34/ 33	.6	3.0	2.3	.8	.1	.1												65	65	19	12															
32/ 31	.1	3.4	3.0	.4	.3													68	68	28	34															
30/ 29	.1	6.1	1.8	.2														77	77	32	52															
28/ 27	2.0	7.2	1.4															99	99	104	69															
26/ 25	1.3	5.8	1.1															76	76	90	72															
24/ 23	.3	4.1	.5	.2														48	48	78	70															
22/ 21	.2	3.9	.5	.1														44	44	44	78															
20/ 19	.7	2.9	.9															43	43	43	70															
18/ 17	.4	4.6	1.1															57	57	47	63															
16/ 15	1.3	3.2	.6															48	48	60	48															
14/ 13	.3	3.1	.5															37	37	48	43															
12/ 11	.6	2.0	.3															28	28	30	45															
10/ 9	.3	2.5	.2															28	28	32	46															
8/ 7		1.4																13	13	21	26															
6/ 5	.7	.3																5	5	10	24															
4/ 3	.2	1.0																14	14	14	34															
2/ 1	.1	.6																7	7	6	23															
0/ -1	.2	.2																10	10	13	15															
-2/ -3	.3	.5																8	8	8	19															
-4/ -5	.5	.4																7	7	6	9															
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																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

9-77

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
68/ 67																																1	1		
66/ 65										.1																						1	1		
64/ 63									.1																							1	1		
62/ 61					.1																											6	6		
58/ 57				.1	.1					.1	.4																				7	7	1		
56/ 55				.1		.1				.1	.2																				5	5	1		
54/ 53					.2	.3	.4	.1	.1																						11	11	2	1	
52/ 51		.2		.4	.4	.6	.5			.1																					22	22	2		
50/ 49				.1	.2	.6	.4																								13	13	3	2	
48/ 47			.1	.3	.8	.2	.2																								15	15	4	4	
46/ 45	.1		.2	.5	.6	.4	.1																								20	20	18	3	
44/ 43	.1	.1	.3	.9	.5	.1	.1																								24	24	17	1	
42/ 41		.1	.3	1.0	.6	.3	.2																								28	28	19	4	
40/ 39		.2	1.1	1.1	1.0	.3																									40	40	31	4	
38/ 37		1.2	2.3	1.9	.3	.2																									55	55	37	11	
36/ 35	.3	1.3	2.9	1.6	.2	.6																									71	71	43	11	
34/ 33	.1	2.5	3.0	1.2	.1																										64	64	68	28	
32/ 31	.1	3.2	2.9	.5	.1																										64	64	66	47	
30/ 29	.4	3.8	2.2	.4	.2																										65	65	90	59	
28/ 27	1.3	5.3	1.7	.9																											85	85	86	79	
26/ 25	.3	2.4	2.0	1.0																											53	53	72	95	
24/ 23	.1	2.0	.8	.1																											28	28	41	70	
22/ 21	.3	3.4	1.1	.1																											46	46	52	67	
20/ 19	.3	3.8	2.0	.3																											60	60	45	65	
18/ 17	.1	1.5	1.2																												26	26	54	46	
16/ 15		1.9	1.2																												29	29	26	42	
14/ 13	.1	2.0	.6																												27	27	38	38	
12/ 11	.1	.9	.2																												11	11	21	38	
10/ 9	.3	1.7	.1																												20	20	24	40	
8/ 7	.1	.3	.1																												5	5	11	34	
6/ 5		1.0	.1																												10	10	4	33	
4/ 3	.1	.4																													5	5	12	20	
2/ 1		.8																													7	7	4	15	
0/ -1	.1	.1																													2	2	7	11	
Element (X)	Σ X ²	Σ X	X	X 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																																			

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR PLATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

R-77
YEARS

DEC
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
68/ 67												.1																					1	1				
66/ 65										.1							.1																	2	2			
64/ 63						.1																												1	1			
62/ 61					.1									.1																				2	2			
60/ 59												.1		.1																				2	2			
58/ 57						.1						.2		.1																				6	6			
56/ 55					.1		.4				.3		.4																					12	12			
54/ 53		.2			.1		.4		.4		.1		.2		.1																			15	15			
52/ 51		.1			.2		.3		.6		.6		.2																						20	20		3
50/ 49	.1				.2		.3		.4				.1																						11	11		3
48/ 47	.1			.1	.3		.6		.6				.1																						19	19		12
46/ 45	.1			.6	.6		.9		.3																										24	24		11
44/ 43		.2		.4	.5		.4		.2		.3																								20	20		19
42/ 41		.4		1.0	.6		.6		.3		.1																								29	29		27
40/ 39		.3		1.6	1.4		1.3		.4																										47	47		35
38/ 37	.1	.4		2.0	2.3		.5		.2																										52	52		21
36/ 35	.3	2.0		2.4	1.6		.4		.2																										65	65		43
34/ 33	.2	3.4		3.4	.8		.3		.1																										77	77		12
32/ 31	.4	4.0		3.1	.6		.5																												62	82		109
30/ 29	.3	4.4		1.7	1.0																														69	69		100
28/ 27	.9	3.2		2.3	1.0																														68	68		72
26/ 25		2.8		1.6	.9																														49	49		71
24/ 23	.5	1.7		1.1	.5																														36	36		46
22/ 21	.1	3.5		1.2																															45	45		51
20/ 19	.1	3.5		1.3	.2																														43	43		49
18/ 17		1.6		1.2																															25	26		36
16/ 15		1.7		.8																															25	25		32
14/ 13		1.6		.8																															22	22		30
12/ 11		1.5		.5																															19	19		24
10/ 9	.4	1.0		.3																															14	14		15
8/ 7	.1	.8		.2																															10	10		12
6/ 5		.9																																	6	6		9
4/ 3		.4																																	4	4		8
2/ 1		.2																																	2	2		5

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

4

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14947 DEPUTY AFB NF P-77 YEARS MONTH DEC
 STATION STATION NAME 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	17-18	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			.2																2	2	1	11
-2/-3																					1	10
-4/-5																						8
-6/-7		.1																	1	1	1	8
-8/-9		.1																	2	2	2	6
-10/-11																						6
-12/-13																						2
-14/-15																						3
-16/-17																						1
-18/-19																						3
-20/-21																						2
TOTAL	4.0	39.8	27.0	13.2	7.0	4.1	1.7	1.4	.4	.1			.1							930	930	930

Element (X)	$\Sigma x'$	Σx	\bar{x}	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.	410960	60264	64.0	17.272	93							
Dry Bulb	1012443	28073	30.8	11.513	93	.5	52.5	.1				93
Wet Bulb	770399	25245	27.1	10.012	93	.5	67.4					93
Dew Point	475080	18044	19.4	11.599	93	6.0	25.0					93

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

14940
STATION

OFFUTT AFB NE
STATION NAME

9-77
YEARS

YEARS

DEC
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
58/ 57		.1	.1																												2	2			
56/ 55		.1						.1																							2	2	1		
54/ 53			.2	.1																										3	3	2	2		
52/ 51		.1	.2					.2																						5	5				
50/ 49	.1		.2	.1			.2																						6	6	4	2			
48/ 47			.2		.2		.1																						8	8	3	2			
46/ 45		.3	.8	.8	.3	.5	.1																						26	26	2	1			
44/ 43		.2		.4	.2	.2																							10	10	7	6			
42/ 41		.5	.2	.8	.1	.1																							15	15	12	3			
40/ 39		.2	1.3	1.1	.4	.2																							35	35	19	8			
38/ 37	.2	.6	1.4	.8	.4																								52	32	24	10			
36/ 35	.2	2.6	2.8	1.4	.4																								67	67	35	10			
34/ 33	.2	4.7	4.3	.9	.2																								76	96	62	20			
32/ 31	.4	5.1	1.7	1.1	.1																								78	78	113	30			
30/ 29		4.7	2.8	.8	.1																								75	75	35	53			
28/ 27	1.1	5.7	2.0	.4	.1																								37	87	69	93			
26/ 25	.2	4.0	1.6	.1																									49	49	75	89			
24/ 23	.2	3.5	1.3	.1																									42	48	68	60			
22/ 21	.2	3.0	2.2																										53	53	47	60			
20/ 19	.2	3.5	1.4																										52	52	55	72			
18/ 17	.2	2.7	1.2																										38	38	53	53			
16/ 15	.2	2.6	.9																										34	34	47	45			
14/ 13	.1	1.7	.4																										21	21	24	60			
12/ 11		1.2	.2																										20	20	20	48			
10/ 9	.2	1.4	.1																										19	19	26	42			
8/ 7	.1	1.3	.2																										15	15	12	33			
6/ 5	.2	.8																											11	11	19	26			
4/ 3		.9																											6	6	7	10			
2/ 1		.2																											2	2	5	19			
0/ -1	.2	.3																											8	8	6	17			
-2/ -3		.3																											3	3	5	11			
-4/ -5		.1																											1	1	2	6			
-6/ -7																																	12		
-8/ -9																																	5		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (U.L.A.) JUL 64

4
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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STATION NAME

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
-10/-11	.1																	1	1	1	7																
-12/-13	.2																	2	2	2	2																
-14/-15																					4																
-16/-17																					1																
-18/-19																					3																
-22/-23																					1																
-24/-25																					2																
TOTAL	6.75	3.72	0.5	0.5	3.0	1.3	.4	.1										930	970		930																

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel Hum	4847030	65748	70.71	4.594	93							93
Dry Bulb	800979	25413	27.31	0.709	93	1.5	62.3					93
Wet Bulb	66028	23032	24.6	0.822	93	1.6	75.9					93
Dew Point	444524	17248	18.51	1.503	93	7.1	80.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE
 STATION STATION NAME

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
58/ 57		.2																			2	2			
56/ 55		.1																				1	1	3	
54/ 53																								3	
52/ 51		.1	.2																			3	3		
50/ 49		.1	.1																			2	2	1	
48/ 47		.2				.2																4	4	3	1
46/ 45		.2			.2		.2															6	9	3	2
44/ 43		.2	.1	.2	.2	.1																12	12	5	4
42/ 41		.3	.1	.2	.2	.2	.1															12	12	3	6
40/ 39		1.1	.2	.3	.2																	17	17	7	2
38/ 37	.1	1.4	1.0	.3	.1																	27	27	20	8
36/ 35	.2	2.4	1.7	.2	.2																	47	47	26	11
34/ 33	1.4	3.7	3.2	.6	.1																	67	87	59	23
32/ 31	.2	4.2	2.2	.2																		74	74	67	22
30/ 29	.2	6.2	1.8	.4																		84	84	78	44
28/ 27	.2	7.2	1.2	.3																		93	93	96	97
26/ 25	.2	4.7	1.4																			60	60	78	67
24/ 23	.2	3.7	.4	.1																		45	45	67	67
22/ 21	.2	4.1	1.1	.1																		55	55	54	64
20/ 19	.2	5.3	1.1																			65	65	49	72
18/ 17	1.2	4.9	.1																			59	59	78	47
16/ 15	.2	3.0	.2																			35	35	57	64
14/ 13	.2	2.4	.1																			26	26	25	41
12/ 11	.2	.2	.1																			11	11	27	59
10/ 9	.2	1.9	.2																			27	27	13	50
8/ 7	.2	1.8																				20	20	28	36
6/ 5	.2	1.4																				18	18	20	21
4/ 3	.2	.2																				11	11	13	13
2/ 1	.1	.2																				6	6	10	18
0/ -1	.2																					3	3	6	25
-2/ -3	.2																					2	2	2	12
-4/ -5	.2	.2																				5	5	5	5
-6/ -7	.4	.1																				5	5	5	11
-8/ -9																									8
Element (X)	Σx ²	Σx	Σ	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																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

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2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					7
-12/-13	.1																	1	1	1	3
-14/-15	.2																	2	2	2	5
-16/-17																					1
-18/-19																					5
-20/-21																					1
-24/-25																					1
-26/-27																					2
TOTAL	11.5	64.0	37.8	2.2	4.4	1.6	.3										930	930	930	930	

Element (X)	Σx^2	Σx	\bar{x}	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	5281281	68993	74.27	3.245	930							
Dry Bulb	685133	23253	25.01	0.567	930	1.8	70.7					93
Wet Bulb	587349	21453	23.01	0.977	930	2.1	79.0					93
Dew Point	417815	16381	17.61	1.177	930	8.6	11.0					93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OIFUTT AFD MF
 STATION STATION NAME

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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
0/-1	.0	.1																55	55	87	141
-2/-3	.0	.1																32	32	59	128
-4/-5	.0	.1																27	27	27	69
-6/-7	.0	.0																18	18	20	73
-8/-9	.1																	9	9	9	63
-10/-11	.1																	11	11	11	67
-12/-13	.1																	5	5	5	28
-14/-15	.0																	2	2	2	29
-16/-17																					25
-18/-19																					29
-20/-21																					6
-22/-23																					6
-24/-25																					8
-26/-27																					2
TOTAL	11.5	57.5	0.1	0.1	2.0	1.4	.0	.3	.1	.0	.0	.0						7440	7440	1440	7440

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum	40970977	540861	72.7	14.944	744							
Dry Bulb	5903522	191800	25.8	1.415	744	15.9	547.9					744
Wet Bulb	4891475	174667	23.5	1.311	744	20.0	625.0					744
Dew Point	3344914	131298	17.0	1.754	744	57.4	701.4					744

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 DEWITT AFB TX

8-78

ALL

STATION

STATION NAME

YEARS

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ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
42/ 41	.0	.0	.0	.0	.0	.0	.1	.0																										1818	1818	2425	2147		
40/ 39	.0	.0	.0	1.0	.5	.3	.1	.0																											2203	2263	2421	2315	
38/ 37	.1	.0	.0	1.0	.5	.1	.0	.0																												2177	2177	2417	2385
36/ 35	.1	1.1	1.1	.4	.1	.0																														2473	2473	2545	2385
34/ 33	.2	1.5	1.1	.4	.1	.0																														2955	2955	3075	2617
32/ 31	.2	1.5	.9	.2	.0	.0																														2450	2450	3315	3020
30/ 29	.2	1.6	.9	.2	.0	.0																														2457	2457	3078	3313
28/ 27	.3	1.7	.7	.2	.0	.0																														2591	2591	2715	3087
26/ 25	.2	1.3	.5	.1	.0	.0																														1798	1798	2477	3139
24/ 23	.1	1.1	.3	.0	.0	.0																														1303	1363	1936	2198
22/ 21	.1	1.2	.3	.0																																1416	1416	1620	2349
20/ 19	.2	1.2	.2	.0																																1421	1422	1303	2357
18/ 17	.1	.9	.2	.0																																1081	1081	1475	1938
16/ 15	.1	.9	.2																																	1037	1039	1178	1690
14/ 13	.1	.3	.1																																	869	869	1000	1373
12/ 11	.1	.7	.1																																	785	785	851	1387
10/ 9	.2	.8	.1																																	901	901	861	1483
8/ 7	.1	.6	.0																																	620	620	750	1044
6/ 5	.1	.4	.0																																	414	414	577	709
4/ 3	.1	.4																																		463	463	457	714
2/ 1	.1	.4																																		458	458	465	631
0/ -1	.3	.1																																		356	356	538	539
-2/ -3	.1	.2																																		261	261	296	522
-4/ -5	.1	.1																																		152	152	167	408
-6/ -7	.1	.0																																		117	117	144	388
-8/ -9	.1																																			117	117	122	385
-10/-11	.1																																			75	75	75	335
-12/-13	.1																																			47	47	47	242
-14/-15	.0																																			19	19	19	230
-16/-17	.0																																			3	3	3	117
-18/-19	.0																																			6	6	6	181
-20/-21	.0																																			2	2	2	95
-22/-23	.0																																			1	1	1	48
-24/-25	.0																																			1	1	1	63
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																	
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR & WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14947 OFFUTT AFB NE 7-70 ALL
 STATION STATION NAME YEARS MONTH
 PAGE 3 ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-26/-27																					36
-28/-29																					6
-30/-31																					1
-32/-33																					3
Total	5.0	27.8	20.0	13.0	9.8	7.2	5.5	4.1	2.8	1.0	1.1	0.6	0.3	0.2	0.1	0.0	7635	8760	8760	8760	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	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	414100677	5335285	60.6	11.12	7635							
Dry Bulb	268112917	4424541	50.5	2.573	7635	115.5	2175.0	2550.7	1640.9	781.0	66.0	8760
Wet Bulb	208369831	3918509	44.7	19.456	7635	142.0	2261.4	1260.7	346.1	0.4		8760
Dew Point	166540801	3391913	38.7	20.019	7635	169.5	3495.0	540.8	73.3	0.2		8760

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

MEANS AND STANDARD DEVIATIONS

DAY-BUILD TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14949 DIFUTI AFB HI

19-70

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	16.7	24.5	34.0	47.8	57.9	66.6	71.1	68.7	60.5	49.1	35.6	23.9	46.5
	S D	13.582	11.852	11.030	9.780	9.259	7.275	6.219	5.554	8.641	7.710	10.503	10.417	20.662
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
03-05	MEAN	15.6	22.9	32.1	45.7	55.2	63.7	68.5	66.3	58.4	46.8	34.0	22.6	44.4
	S D	13.947	11.937	10.805	9.888	9.466	7.196	6.235	5.540	8.815	9.607	10.648	10.723	20.250
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	14.6	21.9	31.4	45.5	55.9	66.0	70.1	67.1	58.3	46.0	33.2	21.7	44.5
	S D	13.894	11.889	10.884	9.890	9.457	7.116	6.357	5.557	8.879	9.913	10.551	10.589	21.085
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	17.3	26.1	36.8	53.0	64.5	74.0	78.2	75.0	66.7	54.0	38.1	24.7	50.9
	S D	13.963	12.644	11.717	10.800	9.700	7.513	6.937	6.412	8.915	10.195	11.021	11.069	23.080
	TOTAL OBS	929	846	930	900	930	900	929	930	900	930	900	930	10954
12-14	MEAN	22.8	32.1	42.8	58.8	69.5	79.4	83.5	81.4	72.5	60.8	43.9	30.0	66.6
	S D	14.063	13.683	13.338	11.904	9.510	8.230	7.688	7.095	9.788	11.624	12.348	11.910	23.400
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	24.4	34.1	44.8	60.8	70.7	81.0	84.9	82.7	73.7	61.0	44.6	30.8	58.0
	S D	13.917	13.978	13.895	12.061	9.533	8.270	7.761	7.042	10.193	11.767	12.476	11.803	23.505
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	21.1	30.0	41.1	57.1	67.3	77.3	80.9	77.9	68.3	56.1	40.3	27.3	53.8
	S D	13.072	12.154	12.725	11.087	9.802	7.800	7.185	6.231	9.238	10.325	11.056	10.709	22.765
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	930	10953
21-23	MEAN	19.6	26.9	36.9	51.7	61.6	70.9	74.7	71.9	63.3	51.6	37.3	25.0	49.3
	S D	13.209	11.519	11.361	9.904	8.094	7.204	6.272	5.382	8.616	9.710	10.665	10.507	21.287
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	897	930	10952
ALL HOURS	MEAN	18.9	27.3	37.5	52.5	62.9	72.4	76.5	74.0	65.2	53.3	38.4	25.8	50.5
	S D	14.070	13.134	12.891	12.092	10.359	9.764	9.059	8.579	10.764	11.773	11.873	11.415	22.593
	TOTAL OBS	7438	6768	7440	7200	7440	7200	7438	7440	7200	7440	7194	7440	87638

4 GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14949 OFFUTT AFB NE

CR-76

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	15.4	22.5	31.2	43.1	57.0	60.6	65.1	64.0	56.3	44.7	37.1	22.2	42.7
	S D	12.979	11.011	10.002	8.954	7.920	6.597	5.378	5.134	8.174	8.880	9.884	9.876	19.042
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
03-05	MEAN	14.7	21.2	29.7	41.5	51.5	59.1	63.6	62.5	54.9	43.2	31.6	21.1	41.3
	S D	13.251	11.219	10.006	9.275	9.201	6.730	5.558	5.240	8.465	9.039	10.111	10.186	19.023
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	13.5	20.4	29.7	41.7	52.6	60.5	64.7	63.1	55.0	42.7	30.9	20.4	41.3
	S D	13.337	11.258	10.090	9.260	9.119	6.488	5.392	5.094	8.577	8.934	10.070	10.184	19.635
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	15.7	23.5	32.9	46.2	56.8	64.3	68.3	67.3	59.6	47.6	34.4	22.7	45.1
	S D	13.165	11.396	10.081	9.212	7.704	6.293	5.161	4.827	7.951	8.526	10.077	10.254	20.009
	TOTAL OBS	928	846	930	900	930	900	929	930	900	930	900	930	10953
12-14	MEAN	20.1	27.7	36.5	49.1	58.9	66.0	69.9	69.3	61.8	50.6	37.9	26.5	48.0
	S D	12.665	11.286	10.459	9.140	7.745	6.262	5.411	5.083	7.932	8.559	10.278	10.155	19.250
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	900	930	10954
15-17	MEAN	21.3	29.1	37.7	49.8	59.1	66.2	70.1	69.6	61.8	50.9	38.2	27.1	48.5
	S D	12.358	11.174	10.464	8.882	7.511	6.212	5.468	5.074	7.910	8.604	10.254	10.012	18.890
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	19.0	26.7	35.7	48.1	57.4	65.0	69.2	68.2	59.9	48.3	35.8	24.8	46.6
	S D	12.275	10.605	10.371	8.735	7.374	6.196	5.599	5.102	7.924	8.540	9.953	9.822	19.189
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	930	10953
21-23	MEAN	16.9	24.4	33.2	45.4	55.0	62.7	66.9	65.7	57.8	46.1	33.9	23.1	44.4
	S D	12.523	10.596	10.082	8.657	7.444	6.342	5.453	4.964	8.041	8.612	9.945	9.977	19.079
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	897	930	10952
ALL HOURS	MEAN	17.0	24.4	33.3	45.6	55.5	63.0	67.2	66.2	58.4	46.9	34.5	23.5	44.7
	S D	13.086	11.449	10.608	9.524	8.228	6.879	5.922	5.705	8.537	9.188	10.385	10.311	19.456
	TOTAL OBS	7435	6768	7440	7200	7440	7200	7438	7440	7200	7440	7194	7440	87635

4
 GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14949 OH-FUTT AFB NE

R=78

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	9.2	17.1	26.2	37.4	48.7	56.5	61.4	61.1	53.0	39.9	27.9	17.2	38.1
	S D	15.520	12.341	10.903	10.508	9.499	7.806	6.233	5.952	9.265	10.034	11.425	11.423	20.412
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
03-05	MEAN	8.3	16.1	25.3	36.7	43.0	55.3	60.6	60.1	52.2	39.1	27.1	16.4	37.2
	S D	15.842	12.580	10.965	10.665	9.324	7.667	6.220	5.923	9.346	10.076	11.620	11.688	20.500
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	7.6	15.3	24.8	37.0	42.8	56.7	61.4	60.6	52.3	38.3	26.5	15.8	37.2
	S D	15.977	12.818	11.050	10.525	9.286	7.419	6.037	5.697	9.387	9.859	11.625	11.901	20.996
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	8.9	17.2	26.4	38.9	50.8	58.2	63.0	62.8	54.5	41.2	28.6	17.1	39.1
	S D	15.830	12.859	11.207	11.078	9.609	7.866	6.508	5.756	9.684	9.787	11.757	11.978	21.200
	TOTAL OBS	928	846	930	900	930	900	929	930	900	930	900	930	10953
12-14	MEAN	11.6	19.1	27.5	39.5	51.0	58.2	63.0	63.1	54.6	41.2	29.4	19.0	39.9
	S D	15.099	12.345	11.672	11.517	10.165	8.279	7.447	6.668	10.331	10.364	12.151	11.641	20.629
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	900	930	10954
15-17	MEAN	12.7	19.9	27.8	39.3	50.5	57.7	62.7	62.9	53.8	40.7	29.4	19.4	39.8
	S D	14.685	12.056	11.692	11.345	10.287	8.470	7.644	6.927	10.523	10.782	12.199	11.599	20.243
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	11.8	19.4	27.7	38.8	49.8	57.5	63.0	62.9	53.8	40.3	28.9	18.5	39.5
	S D	14.902	11.923	11.496	11.084	10.066	8.341	7.431	6.693	10.044	10.512	11.906	11.583	20.360
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	930	10953
21-23	MEAN	10.5	18.5	27.2	38.5	49.4	57.2	62.5	62.0	53.6	40.7	28.3	17.6	38.9
	S D	14.942	12.042	11.232	10.545	9.502	7.983	6.671	6.064	9.554	10.092	11.665	11.797	20.397
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	897	930	10952
ALL HOURS	MEAN	10.1	17.8	26.6	38.3	49.6	57.2	62.2	61.9	53.5	40.2	28.2	17.6	38.7
	S D	15.435	12.465	11.326	10.956	9.762	8.024	6.853	6.323	9.810	10.218	11.331	11.754	20.619
	TOTAL OBS	7435	6768	1440	7200	7440	1200	7438	7440	1200	7440	7194	7440	87635

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14949
 STATION

OFFUTT AFB NE
 STATION NAME

68-78
 PERIOD

ALL
 MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	97.3	88.3	73.4	48.4	23.7	5.8	69.3	7435
FEB		100.0	99.9	98.8	95.8	88.5	73.6	48.8	24.2	4.6	68.9	6768
MAR		100.0	99.7	97.0	91.5	81.9	66.9	47.0	26.4	7.9	67.4	7440
APR		100.0	98.8	94.0	83.3	69.3	53.9	37.8	19.8	5.7	61.9	7200
MAY		100.0	99.9	97.5	88.5	75.3	59.2	41.0	21.0	5.9	64.5	7440
JUN		100.0	100.0	97.8	87.0	71.2	51.4	32.2	14.4	2.0	61.3	7200
JUL		100.0	99.8	97.9	90.5	77.6	58.2	36.6	17.3	1.5	63.5	7438
AUG		100.0	100.0	99.2	94.9	83.6	68.3	48.0	25.7	4.3	68.0	7440
SEP		100.0	100.0	97.6	90.8	81.0	67.6	51.5	30.6	7.4	68.5	7200
OCT		100.0	99.9	96.3	86.2	73.9	58.2	40.9	22.6	5.9	64.2	7440
NOV		100.0	100.0	98.6	93.8	84.0	69.8	51.4	29.3	7.3	69.0	7194
DEC		100.0	100.0	99.3	96.8	90.6	79.5	60.5	34.8	9.8	72.7	7440
TOTALS		100.0	99.8	97.8	91.4	80.4	65.0	45.3	24.2	5.7	66.6	87635

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

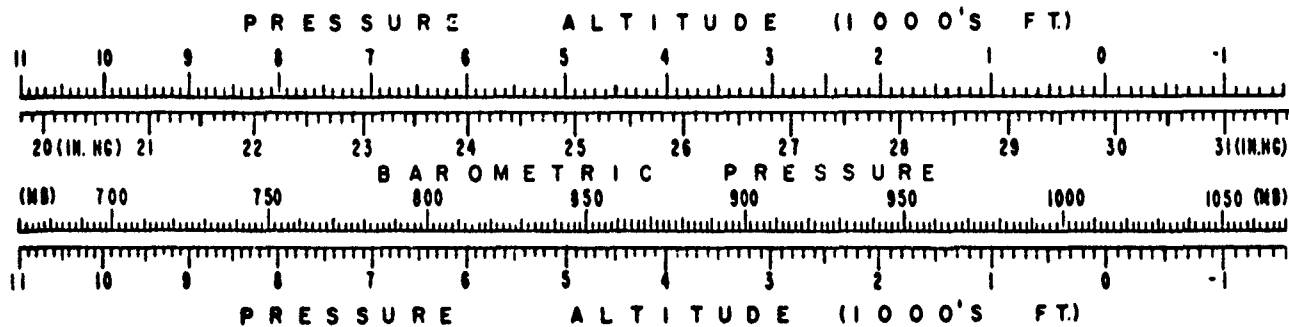
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



4
 GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14949 OFFUTT AFB NE

68-78

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV.	DEC	ANNUAL
00	MEAN	28.980	28.941	28.849	28.823	28.803	28.793	28.861	28.873	28.894	28.922	28.924	28.917	28.881
	S D	.262	.251	.249	.220	.175	.154	.107	.117	.171	.201	.230	.249	.212
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	28.981	28.935	28.839	28.816	28.797	28.790	28.856	28.871	28.892	28.920	28.919	28.910	28.877
	S D	.268	.256	.250	.224	.182	.158	.108	.118	.173	.206	.233	.255	.216
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	28.970	28.934	28.844	28.825	28.818	28.809	28.874	28.882	28.905	28.931	28.918	28.903	28.884
	S D	.270	.256	.252	.228	.181	.163	.111	.120	.176	.211	.235	.256	.217
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	28.994	28.955	28.866	28.847	28.832	28.821	28.888	28.899	28.922	28.952	28.941	28.929	28.903
	S D	.274	.260	.257	.235	.185	.164	.113	.119	.179	.215	.235	.254	.220
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
12	MEAN	28.987	28.954	28.857	28.825	28.816	28.808	28.877	28.890	28.909	28.935	28.928	28.921	28.892
	S D	.272	.259	.261	.236	.183	.162	.112	.119	.179	.214	.234	.250	.220
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	28.943	28.909	28.815	28.789	28.781	28.775	28.848	28.856	28.867	28.890	28.888	28.886	28.854
	S D	.268	.255	.260	.226	.180	.159	.110	.116	.177	.209	.233	.242	.215
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	28.956	28.918	28.813	28.780	28.765	28.754	28.821	28.835	28.856	28.894	28.902	28.904	28.850
	S D	.263	.250	.256	.218	.175	.154	.110	.116	.177	.207	.232	.237	.214
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
21	MEAN	28.974	28.938	28.841	28.816	28.789	28.777	28.845	28.859	28.885	28.917	28.921	28.918	28.873
	S D	.257	.248	.251	.214	.171	.152	.106	.117	.174	.200	.231	.243	.211
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	299	310	3650
ALL HOURS	MEAN	28.973	28.935	28.841	28.815	28.800	28.791	28.859	28.871	28.891	28.920	28.918	28.911	28.877
	S D	.267	.254	.255	.226	.180	.159	.111	.119	.177	.208	.233	.248	.216
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2479	2480	2400	2480	2398	2400	29212

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14949 OFFUTT AFB NE

68-78

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL
00	MEAN	1021.0	1019.2	1015.4	1013.8	1012.6	1011.9	1014.1	1014.7	1015.7	1017.1	1017.9	1018.4	1016.0
	S D	9.739	9.182	9.202	7.895	6.277	5.499	3.887	4.209	6.212	7.346	8.373	9.113	7.929
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1021.0	1018.9	1015.0	1013.5	1012.4	1011.8	1014.0	1014.6	1015.6	1017.1	1017.7	1018.1	1015.8
	S D	9.955	9.401	9.264	8.038	6.567	5.616	3.887	4.196	6.289	7.440	8.470	9.335	8.061
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	1020.7	1018.9	1015.2	1014.0	1013.2	1012.5	1014.6	1015.0	1016.1	1017.6	1017.8	1017.9	1016.1
	S D	10.022	9.428	9.296	8.231	6.548	5.776	4.032	4.289	6.390	7.630	8.545	9.370	8.047
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1021.6	1019.7	1016.1	1014.5	1013.7	1012.9	1015.1	1015.6	1016.8	1018.3	1018.6	1018.9	1016.8
	S D	10.159	9.534	9.443	8.418	6.667	5.797	4.087	4.356	6.519	7.781	8.520	9.264	8.174
	TOTAL OBS	309	282	310	300	310	300	309	310	300	310	300	310	3650
12	MEAN	1021.2	1019.6	1015.7	1013.9	1013.1	1012.4	1014.7	1015.2	1016.2	1017.6	1018.1	1018.5	1016.3
	S D	10.081	9.510	9.622	8.422	6.575	5.756	4.038	4.221	6.518	7.737	8.516	9.116	8.162
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1019.6	1018.0	1014.1	1012.6	1011.9	1011.3	1013.7	1014.0	1014.7	1016.1	1016.6	1017.3	1015.0
	S D	9.992	9.423	9.549	8.059	6.514	5.645	3.991	4.147	6.439	7.560	8.441	8.826	8.000
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	309	3650
18	MEAN	1020.1	1018.4	1014.1	1012.3	1011.3	1010.6	1012.8	1013.3	1014.4	1016.3	1017.2	1018.0	1014.9
	S D	9.740	9.159	9.436	7.842	6.300	5.483	3.967	4.135	6.405	7.299	8.397	8.699	8.008
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
21	MEAN	1020.8	1019.1	1015.1	1013.6	1012.2	1011.4	1013.6	1014.2	1015.4	1017.1	1017.9	1018.5	1015.7
	S D	9.581	9.088	9.279	7.700	6.133	5.379	3.833	4.182	6.313	7.261	8.399	8.837	7.909
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	299	310	3650
ALL HOURS	MEAN	1020.7	1019.0	1015.1	1013.5	1012.5	1011.8	1014.1	1014.6	1015.6	1017.1	1017.7	1018.2	1015.8
	S D	9.914	9.344	9.396	8.097	6.482	5.657	4.019	4.264	6.418	7.531	8.464	9.072	8.059
	TOTAL OBS	2478	2256	2480	2400	2480	2399	2479	2480	2400	2480	2398	2479	29209