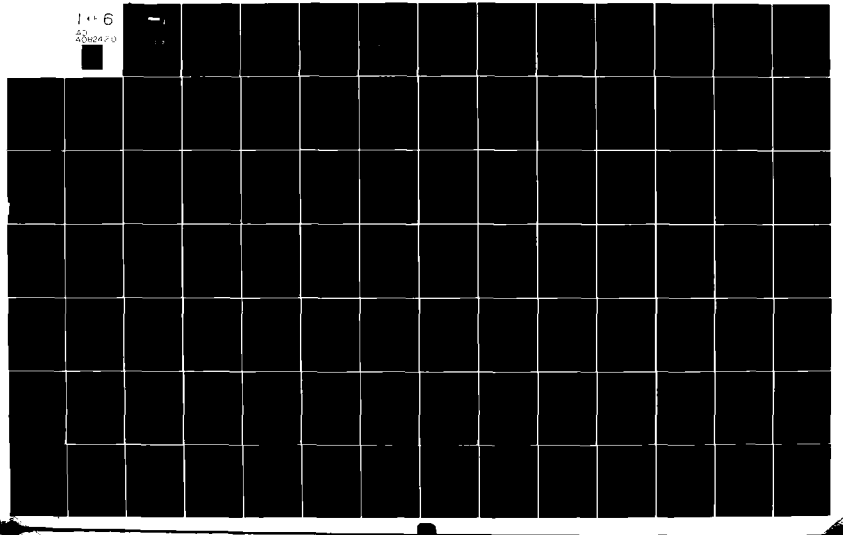
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MARSHALL AAF, MANHATTAN, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
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1 REPORT NUMBER USAFETAC/DS- 80/028	2 GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Marshall AAF, Manhattan , Kansas		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG. REPORT NUMBER
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18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Marshall AAF, Manhattan, Kansas

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

* Kansas * Marshall AAF KS

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.

AD A082420

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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MARSHALL AAF KS WBAN# 13947
N 39 03 W 096 46 FLD ELEV 1062 FT FRI WMO # 72455

PARTS A-F

POR FROM HOURLY OBS: SEP 65- JUN 71, JUL 74- AUG 79
POR FROM DAILY OBS : SEP 56- AUG 79

HOUR CONVERSION GMT TO LST= -6

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

SUSAN V. BERRY, 2 Lt, USAF
Information Retrieval
Manager

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific & Technical
Information Officer

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

S74-29958

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
13947	FORT RILEY KANSAS/MARSHALL AAF	N 39 03	W 096 46	1062	FRI	72455

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Fort Riley, Kansas, Marshall AAF	AAF	Sep 56	Jul 71	N 39 03	W 096 46	1062	1064	24
2	Same	Same	Aug 71	Jun 74	Same	Same	Same	Same	10-17
3	Same	Same	Jul 74	Aug 79	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS. ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 56	Located on top of Base Operations Bldg.	GMQ-1	N/A	50 ft	
2	Feb 58	Same.	GMQ-11	RO-2	51.5ft	
3	Feb 61	Located 500 ft E of centerline off N end of rnwy 18/36.	Same	Same	13 ft	
4	Mar 64	Located 500 ft E of N end of rnwy 18/36.	Same	Same	Same	
5	Feb 71	Same.	GMQ-20	RO-362	Same	
6	Aug 79	Same.	Same	Same	Same	

CONTINUED ON REVERSE SIDE

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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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13947	MARSHALL AAF KS	66-71,75-79	JAN
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	00-02	.1	1.6	1.1	7.7		9.9	6.7	.4	.9		9.9	1023
	03-05		1.4	1.7	6.9		9.5	6.9	.3	1.2		11.3	1023
	06-08		1.8	2.0	9.4		12.3	11.6	.9	1.5		13.7	1023
	09-11		1.4	1.6	9.6		11.5	13.8	3.4	1.4		15.7	1027
	12-14		1.1	.9	7.7		9.4	9.1	5.1	1.2		14.4	1023
	15-17		2.0	.6	6.7		8.7	8.4	3.8	.9		12.3	1023
	18-20		1.1	1.9	5.5		8.1	8.1	2.9	.6		13.7	1027
	21-23		.9	1.0	6.2		7.8	7.5	.6	.8		9.8	1023
TOTALS		.0	1.4	1.4	7.5		9.8	9.5	2.3	1.1		12.3	8182

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WEATHER CONDITIONS

13947 MARSHALL AAF KS 56-71,75-79 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	2.2	.8	5.8		8.4	10.8	.6	.2		11.4	[illegible]
	03-05	.2	2.6	1.2	5.8		9.1	13.5	.4			13.7	[illegible]
	06-08	.1	2.5	1.8	5.6		9.7	17.6	.9	.8	.3	19.9	[illegible]
	09-11	.1	4.1	.9	9.5		13.9	14.5	3.4	1.5	.1	22.5	[illegible]
	12-14		2.4	.6	8.0		10.4	11.4	4.1	1.1		16.-	[illegible]
	15-17		3.7	.4	5.4		9.3	8.4	3.1	.4	.1	11.6	[illegible]
	18-20	.2	2.4	1.2	5.8		9.4	8.7	3.0	.2		11.6	[illegible]
	21-23		3.3	.6	6.3		9.6	9.8	1.5		.1	11.2	[illegible]
TOTALS		.1	2.9	.9	6.5		10.0	12.3	2.1	.6	.1	14.6	74[illegible]

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WEATHER CONDITIONS

13947 | MARSHALL AAF KS | 66-71, 75-79 | APR
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.
APR	00-02	.8	5.1	.4	2.2	.1	7.3	7.[illegible]	1.[illegible]	.5		[illegible].[illegible]	1[illegible]7
	03-05	.5	4.7	.5	2.8		7.6	9.3	.1	.4		9.[illegible]	1[illegible]2
	06-08	.6	5.0	.6	3.4		9.0	13.8	1.[illegible]	.5		15.[illegible]	1[illegible]21
	09-11	.3	4.6	.3	3.6		8.[illegible]	9.6	2.7	.1	.1	12.[illegible]	1[illegible]23
	12-14	.1	3.7	.1	3.3		6.5	6.8	2.4			8.[illegible]	1[illegible]23
	15-17	.2	4.3	.1	3.1		7.1	5.5	2.4	.6	.2	8.[illegible]	1[illegible]22
	18-20	.9	4.9	.5	3.8		8.7	6.4	2.2	.5	.4	9.1	1[illegible]21
	21-23	1.0	5.2	1.0	2.8		8.4	5.3	1.1	.4		6.7	1[illegible]23
TOTALS		.6	4.7	.4	3.2	.0	7.3	7.9	1.7	.4	.1	9.[illegible]	8179

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WEATHER CONDITIONS

13947	MARSHALL AAF KS	66-71,75-79	APR
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
APR	00-02	3.1	9.3		.9		9.7	6.5	1.6			7.7	[illegible]
	03-05	4.3	9.4		1.2		13.4	13.4	.5			1 ..	[illegible]
	06-08	1.2	7.4		.8		8.2	15.1	1.4			1[illegible]	[illegible]
	09-11	.6	7.5		.7		8.1	8.8	3.2			11.1	[illegible]
	12-14	.6	5.3	.2	.6		6.3	4.3	3.4	.1	.2	7.7	[illegible]
	15-17	1.0	7.0	.1	.6		7.5	4.1	2.7	.1		[illegible]	[illegible]
	18-20	2.2	7.7		.4		7.9	4.6	2.5			7.[illegible]	[illegible]
	21-23	3.1	7.7		.8		8.2	4.6	1.3			[illegible]	[illegible]
TOTALS		2.0	7.6	.0	.5		8.3	7.3	2.[illegible]	.2	.[illegible]	[illegible].1	[illegible]

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WEATHER CONDITIONS

13947 | MARSHALL AAF KS | 66-71,75-79 | MAY

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
MAY	00-02	3.9	7.2				7.2	8.4	1.5			7.4	1019
	03-05	3.3	7.4				7.4	14.9	1.1			14.7	1019
	06-08	3.7	9.3				9.3	17.4	2.4			19.9	1 22
	09-11	2.2	7.9				7.9	6.4	3.5			9.5	1 23
	12-14	2.3	7.3				7.0	4.5	2.2			6.5	1027
	15-17	1.6	5.9				5.9	3.4	1.5			4.7	1021
	18-20	2.4	5.6				5.6	3.7	1.9		.1	5.4	1019
	21-23	3.9	5.5				5.5	3.4	1.8			5.1	1027
TOTALS		2.9	7.0				7.0	7.8	2.0		.0	9.5	8166

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AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

13947	MARSHALL AAF KS	66-71,75-79	JUN
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.
JUN	00-02	7.7	9.8				9.8	2.1	.6			2.7	[illegible]
	03-05	6.1	7.4				7.4	7.0	.9			7.8	[illegible]
	06-08	4.5	8.7				8.7	6.1	2.1			10.2	[illegible]
	09-11	2.1	4.9				4.9	2.9	2.6			5.6	[illegible]
	12-14	1.2	3.6			.1	3.6	1.8	3.5			5.4	[illegible]
	15-17	2.2	4.0				4.0	2.2	1.8			4.0	[illegible]
	18-20	3.8	4.2				4.2	1.2	1.9			3.2	[illegible]
	21-23	7.4	6.5				6.5	1.1	2.0			3.1	[illegible]
TOTALS		4.4	6.1			.0	6.1	3.3	1.9			5.3	79[illegible]

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3

WEATHER CONDITIONS

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-70,74-79 — YEARS
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	4.9	4.2				4.2	1.9	3.3			4.8	1219
	03-05	5.2	5.5				5.5	5.9	4.8			9.5	1222
	06-08	2.4	6.1				6.1	3.9	5.7			13.5	1221
	09-11	1.2	2.9				2.9	3.4	5.1			8.5	1223
	12-14	.4	2.2				2.2	1.6	4.3			5.4	1219
	15-17	1.3	2.1				2.1	1.2	3.3			4.4	1220
	18-20	3.2	3.4				3.4	.9	2.8			3.3	1221
	21-23	3.0	2.2				2.2	1.5	2.9			3.6	1221
TOTALS		2.7	3.6				3.6	3.1	4.3			6.3	8156

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

13947 MARSHALL AAF KS 66-70,74-79 APR
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.
APR	00-02	2.7	5.2				5.2	3.2	.9			3.9	1114
	03-05	4.7	7.9				7.9	8.0	1.3			9.8	1113
	06-08	1.8	6.5				6.5	14.6	3.7			17.5	1117
	09-11	.8	4.4				4.4	6.0	3.3			8.9	1017
	12-14	.7	3.5				3.5	2.2	1.9			4.3	1114
	15-17	1.4	3.0				3.0	1.2	1.6			2.9	1013
	18-20	2.3	2.9				2.9	1.0	1.8			3.5	1011
	21-23	3.0	3.9				3.9	1.5	1.7			5.2	1014
TOTALS		2.2	4.7				4.7	4.7	2.1			6.5	8129

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USAFETAC
3 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13947	MARSHALL AAF KS	65-70,74-78	SEP
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.
SEP	00-02	3.8	6.4				6.4	6.5	1.6			7.6	[illegible]
	03-05	3.2	7.3				7.3	11.3	1.6			12.7	990
	06-08	3.1	8.2				8.2	18.1	3.6			21.4	997
	09-11	1.0	6.6				6.6	7.3	4.4			10.9	988
	12-14	.7	5.5				5.5	2.4	3.0			5.5	989
	15-17	1.9	5.1				5.1	2.1	2.3			4.3	958
	18-20	2.8	6.4				6.4	3.3	2.4			5.7	997
	21-23	3.7	5.8				5.8	5.6	1.7			7.2	989
TOTALS		2.5	6.4				6.4	7.1	2.6			9.4	7912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-73,74-78 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.9	6.6				6.6	4.1	.6			4.7	1021
	03-05	.5	6.4		.2		6.4	6.7	.3			7.[illegible]	1023
	06-08	1.0	6.9		.4		6.9	11.0	1.3			12.1	1023
	09-11	.3	5.6		.2		5.6	6.9	1.5			8.1	1022
	12-14	.5	6.3				6.3	4.4	.6		.1	5.1	1022
	15-17	.7	5.5				5.5	4.3	.6			5.1	1023
	18-20	1.1	5.4				5.4	3.6	1.6			6.2	1022
	21-23	1.2	5.6				5.6	3.1	.5			3.6	1023
TOTALS		.9	6.0		.1		6.3	5.2	.9		.0	6.4	8179

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

13947	MARSHALL AAF KS	65-70,74-78	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.3	5.0		1.9		6.8	7.9	.2			8.1	988
	03-05		4.3	.2	2.1		6.6	10.9	.3			10.9	980
	06-08		6.1	.5	1.7		8.2	17.2	1.5			18.3	995
	09-11	.2	6.8	.6	1.5		8.6	12.3	3.7			15.9	990
	12-14		6.1		1.7		7.5	7.5	2.1			9.6	989
	15-17	.4	8.6	.2	2.0		10.7	9.1	1.5			12.5	990
	18-20	.3	5.7	.3	1.3		7.3	8.0	.7	.3		9.1	990
	21-23		4.6	.1	2.0		6.5	6.9	.1	.3		7.2	990
TOTALS		.2	5.9	.2	1.8		7.8	10.6	1.3	.1		11.2	7916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13947	MARSHALL AAF KS	65-70,74-78	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		3.4	.8	2.7		6.7	9.0	.2			9.2	1023
	03-05		4.0	.7	3.9		8.3	9.9		.4		10.3	1023
	06-08		3.3	2.2	3.7		9.2	13.6	.1	.4		13.7	1023
	09-11	.1	4.0	1.3	4.8		10.1	15.9	2.4	.3		18.0	1023
	12-14		4.0	.4	4.3		8.7	11.9	1.6	.3	.1	13.5	1021
	15-17	.2	4.6	.4	5.2		10.2	10.5	1.2	.3		11.3	1023
	18-20		4.4	.3	4.5		9.1	8.9	.7	.4		9.5	1023
	21-23	.1	3.6	.7	3.5		7.5	7.3	.4	.4		8.1	1023
TOTALS		.1	3.9	.9	4.1		8.7	10.9	.8	.3	.0	11.7	8182

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

13947	MARSHALL AAF KS	65-71,74-79	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	.0	1.4	1.4	7.5		9.8	9.5	2.3	1.1		12.3	[illegible]
FEB		.1	2.9	.9	6.5		10.0	12.3	2.1	.5	.1	14.[illegible]	7439
MAR		.6	4.7	.4	3.2	.0	7.8	7.9	1.7	.4	.1	[illegible]	8179
APR		2.0	7.6	.0	.8		8.3	7.3	2.0	.0	.0	9.1	7913
MAY		2.9	7.0				7.0	7.8	2.0		.0	9.6	8166
JUN		4.4	6.1			.0	6.1	3.3	1.9			5.3	7952
JUL		2.7	3.6				3.6	3.1	4.0			8.6	8166
AUG		2.2	4.7				4.7	4.7	2.1			6.5	8169
SEP		2.5	6.4				6.4	7.1	2.6			9.4	7912
OCT		.9	6.0		.1		6.0	5.5	.9		.0	7.4	8179
NOV		.2	5.9	.2	1.8		7.8	10.0	1.3	.1		11.2	7916
DEC		.1	3.9	.9	4.1		8.7	10.9	.8	.3	.0	11.7	8192
TOTALS		1.6	5.0	.3	2.0	.0	7.2	7.5	2.0	.2	.0	9.4	96745

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

1747	MARSHALL AAF KS	56-79	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	15.9	6.1	26.3		36.8	31.1	9.9	4.9		38.3	717
FEB		1.7	20.2	5.3	26.1	.2	37.9	35.2	10.2	3.2		39.3	647
MAR		5.9	29.6	2.4	17.4	1.4	39.6	30.7	9.1	2.1	.1	34.6	713
APR		17.1	41.4	.1	3.9	2.2	42.5	27.7	6.7	.1		29.7	699
MAY		25.2	45.7		.1	3.1	45.7	29.1	6.2			31.2	711
JUN		30.9	42.3			3.3	42.3	20.7	7.5			23.6	699
JUL		27.4	36.6			.8	36.6	17.9	8.7			21.2	711
AUG		23.9	32.5			.7	32.5	20.2	9.3			23.7	713
SEP		20.9	37.1			.3	37.1	32.4	9.6			35.3	699
OCT		10.9	27.3		.6	.4	27.5	25.8	5.9			27.2	699
NOV		3.5	25.3	1.6	10.9	.6	30.1	29.7	7.0	.4		31.1	688
DEC		.7	19.9	4.4	19.9	.1	33.3	30.2	5.5	1.8		31.4	708
TOTALS		13.8	31.1	1.7	9.9	1.0	36.8	27.6	8.2	1.3	.0	30.4	8367

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

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

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

DATA PROCESSING BRANCH
USAF ETAC
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13987 (STATION) MARSHALL AAF KS (STATION NAME) 56-79 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	62.1	17.9	2.8	7.0	3.5	4.1	1.	.4	.3					20.0	710	.50	2.15	.04
FEB	70.5	21.6	2.3	4.6	1.4	3.1	2.1	1.1	.7					17.8	647	.68	1.76	.09
MAR	67.5	16.7	2.1	5.3	2.7	4.9	4.	2.1	2.0					23.3	713	2.18	8.61	.04
APR	75.1	15.9	1.9	6.4	1.5	7.7	1.5	1.5	1.7	.1				29.0	690	2.75	5.69	.68
MAY	73.2	15.1	1.4	6.0	2.7	5.9	6.2	5.6	3.0	.0				31.8	711	4.67	9.24	.76
JUN	56.2	10.0	2.8	5.8	3.3	5.4	4.5	5.1	5.1	1.0				33.8	690	5.40	11.31	.82
JUL	71.6	10.7	2.7	3.9	3.1	4.1	3.	4.5	4.1	.7				27.7	711	4.13	10.81	.39
AUG	76.	9.	1.4	4.5	1.5	4.1	2.	.0	3.6	.1				24.0	713	3.16	9.21	.00
SEP	71.5	10.6	1.7	3.8	1.5	6.1	6.3	3.5	2.8	.7				28.8	688	3.88	12.38	.74
OCT	70.3	7.4	2.0	3.2	2.3	3.4	4.	3.0	2.0	.0				22.2	698	2.80	6.00	TRACE
NOV	68.3	12.6	1.5	5.1	.9	3.4	1.	1.	1.2	.1				19.0	668	1.37	5.78	.04
DEC	65.	17.1	2.5	4.5	1.7	3.	1.	.7	.4					17.9	708	1.01	2.94	TRACE
ANNUAL	61.4	14.	2.1	5.0	2.1	4.7	4.1	2.1	2.2	.7				24.6	836733.33			

1210 WS FORM AUL 64 0-15-3 (Oct 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

13947 MARSHALL AAF KS 56-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56									.57	.71	.65	.42	
57	.10	.22	.97	1.15	1.94	1.44	1.57	1.26	2.12	2.01	.85	.33	2.12
58	.55	.87	.53	.70	1.63	2.54	2.12	2.05	1.53	1.45	.18	.70	2.54
59	.27	.41	.73	.46	3.15	1.28	2.83	2.15	1.05	1.72	.29	.40	3.15
60	1.06	.64	.91	.64	.98	1.08	1.22	2.06	1.98	1.20	.03	.70	2.06
61	.08	.56	.98	1.13	2.25	1.19	1.52	.50	3.67	2.68	1.24	.73	3.67
62	.30	.23	1.70	.34	3.90	1.12	.95	2.10	1.72	.54	.62	.24	3.90
63	.21	.05	1.26	.55	.55	4.23	.86	.99	1.72	.63	.60	.18	4.23
64	.28	.42	1.83	1.53	1.08	1.16	2.82	1.07	.41	.09	1.86	.75	2.82
65	1.04	.77	.50	.64	1.03	2.54	2.06	1.29	3.41	1.41	.16	1.37	3.41
66	.44	.42	.06	1.88	.53	.36	1.15	1.35	1.18	.56	.04	.80	1.88
67	.15	.06	1.18	1.09	1.16	3.70	1.21	.61	4.54	1.72	.29	.40	4.54
68	.15	.10	.04	.99	.99	.71	1.73	2.63	1.32	2.99	1.88	1.22	2.99
69	.19	.35	1.07	2.48	2.45	2.24	1.57	1.98	1.15	1.02	.09	.42	2.48
70	.40	.33	.46	1.42	2.77	1.71	1.32	1.20	1.34	1.19	.20	.09	2.77
71	.46	.79	.26	.78	2.76	1.94	2.53	.00	.69*	2.88*	3.71*	.12	* 3.71
72	* .12*	.08	.68	2.76*	.75	2.45*	2.24	1.35*	.92*	.46*	1.21*	.38	2.76
73	* .60*	1.50	1.43	.97*	2.08	1.08*	3.17	.81*	3.33*	2.65	.86	1.90	* 3.33
74	.15	.37	.78	1.72	.55	1.22	1.30	1.76	.93	1.33	.54	.64	1.76
75	.70	.49	.85	.83	1.00	1.55	.28	1.79	2.55	TRACE	1.76	.50	2.55
76	.22	.42	1.37	1.73	1.37	4.72	1.55	.25	1.16	.68	.22	TRACE	4.72
77	.28	.08	1.58	.54	3.07	3.77	.90	1.67	.98	.98	1.03	.06	3.77
78	.20	.43	1.15	.34	2.92	2.80	.82	.65	1.92	.25	1.34	.35	2.92
79	.68	.24	1.04	.69	1.38	1.20	1.91	.53					
MEAN	.377	.393	.929	1.103	1.780	2.001	1.534	1.303	1.711	1.158	.701	.562	3.067
S.D.	.284	.237	.487	.656	1.007	1.176	.666	.692	1.062	.795	.608	.464	.883
TOTAL OBS.	710	647	713	690	711	690	711	713	688	698	688	708	8367

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

13947 MARSHALL AAF KS 56-79
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
56									.77	1.80	1.20	.58	
57	.21	.29	2.73	3.53	6.93	5.18	5.00	2.15	3.75	3.51	1.90	.96	36.04
58	1.07	1.53	2.05	1.28	2.51	6.49	10.81	4.26	5.52	1.55	.46	1.06	38.59
59	.68	.46	1.88	1.51	7.90	3.05	6.47	4.58	3.50	5.27	.47	.84	36.61
60	2.13	1.97	2.32	1.75	2.44	5.29	3.62	4.63	2.78	3.03	.04	1.58	31.58
61	.08	1.17	2.75	3.39	7.90	5.86	3.79	1.10	6.73	6.00	2.10	.76	41.63
62	.96	1.02	2.29	.68	6.52	4.03	2.43	5.21	7.08	2.56	1.58	.44	34.80
63	.63	.05	1.79	1.15	1.85	6.59	2.05	1.38	2.55	2.24	1.19	.36	21.83
64	.64	.71	2.92	5.69	2.62	5.20	8.39	4.29	.74	.19	3.53	1.26	36.18
65	1.94	2.28	1.09	1.58	3.05	10.21	3.65	2.63	7.15	3.57	.19	2.47	39.61
66	.50	.84	.17	2.49	.76	.82	1.80	4.36	1.86	1.07	.06	.94	15.67
67	.29	.11	2.36	2.77	3.67	9.84	5.01	1.96	12.38	3.25	.41	1.46	43.51
68	.29	.29	.04	3.50	3.56	2.48	3.41	5.46	1.79	4.32	2.78	1.81	29.73
69	.79	.96	2.30	4.33	5.92	6.78	5.73	2.16	2.36	5.18	.23	1.36	38.10
70	.43	.36	1.15	3.41	6.27	6.26	1.72	2.15	5.93	3.51	.61	.12	31.92
71	.53	2.14	.55	1.50	5.63	6.68	7.79	.00	1.21*	5.00*	5.78*	.40	*37.21
72	* .27*	.19	1.04	4.76*	3.14	2.84*	6.43	3.39*	1.72*	1.86*	3.81*	.78	*30.23
73	* 1.40*	1.82	8.60	2.60*	4.57	1.84*	9.52	2.48*	8.97*	5.17	1.08	2.94	*50.99
74	.45	.45	.96	3.32	2.47	3.43	1.90	5.27	1.97	4.89	.83	.88	26.82
75	1.47	1.57	1.50	2.01	4.04	6.37	.39	2.63	4.61	TRACE	4.36	.56	29.51
76	.52	.51	2.35	5.26	4.50	6.41	2.63	.57	1.81	1.97	.22	TRACE	26.75
77	.36	.15	1.95	3.03	9.24	11.31	1.32	9.21	2.52	1.83	2.28	.13	43.83
78	.47	1.13	2.92	1.33	6.99	3.35	2.11	1.45	4.55	.31	3.34	.77	28.72
79	1.78	.44	4.43	2.27	3.28	3.96	6.61	1.28					
MEAN	.796	.878	2.180	2.745	4.669	5.403	4.125	3.157	3.884	2.803	1.374	1.009	33.244
S.D.	.576	.682	1.721	1.369	2.344	2.639	2.689	2.076	2.824	1.761	1.270	.746	7.405
TOTAL OBS.	710	647	713	690	711	690	711	713	688	698	688	708	8367

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13947 (STATION) MARSHALL AAF KS (STATION NAME) 56-79 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
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			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	71.5	14.3	4.5	5.8	1.9	.4	.4	.7	.1					13.7	710	4.9	13.2	.6
FEB	72.4	16.3	2.9	3.9	1.1	1.7	.4	.5	.5					10.7	647	5.0	21.7	TRACE
MAR	82.3	10.0	2.1	2.5	.7	1.2	.1	.1	.3					6.9	713	3.3	17.5	.3
APR	95.9	2.6		.7	.4	.1	.1							1.5	689	.7	4.5	.3
MAY	99.9	.1													711	TRACE	TRACE	.1
JUN	100.0														690	.0	.0	.1
JUL	100.0														711	.0	.0	.1
AUG	100.0														713	.0	.0	.1
SEP	100.0														688	.0	.0	.1
OCT	99.4	.6	.1												698	TRACE	TRACE	.1
NOV	89.1	7.7	1.0	.9	.7	.1	.1	.1						3.2	698	1.1	6.4	.1
DEC	79.2	12.3	2.4	3.1	1.1	.7	.5	.1	.7					3.5	717	4.2	11.7	TRACE
ANNUAL	90.4	3.1	1.1	1.4	.4	.2	.1	.1	.1					3.7	8365	19.2		

1210 WS FORM JUL 64 0-15-5 (Dor 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
3 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13947 MARSHALL AAF KS 56-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
56									.0	.0	.6	3.1	
57	.9	1.8	3.4	2.1	.0	.0	.0	.0	.0	TRACE	TRACE	1.0	3.4
58	2.8	1.1	1.5	.0	.0	.0	.0	.0	.0	.0	3.6	6.8	6.8
59	2.7	2.3	2.0	.8	.0	.0	.0	.0	.0	.0	2.9	.9	2.9
60	5.8	7.1	9.8	TRACE	.0	.0	.0	.0	.0	.0	.1	3.0	9.8
61	1.0	4.7	4.9	1.2	.0	.0	.0	.0	.0	.0	2.7	4.0	4.9
62	3.0	1.6	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	3.0
63	3.0	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.0
64	.9	1.5	2.8	.0	.0	.0	.0	.0	.0	.0	1.0	4.9	4.9
65	5.0	6.7	1.2	.0	.0	.0	.0	.0	.0	.0	TRACE	3.8	6.7
66	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	9.2	9.2
67	1.5	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE*	2.1	* 2.1
68	2.0	1.8	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	2.0
69	1.8	3.0	2.4	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	4.1
70	4.0	TRACE	2.5	3.5	.0	.0	.0	.0	.0	TRACE	.2	.1	4.0
71	4.6	8.0	2.6	TRACE	.0	.0	.0	.0	.0*	.0*	1.8*	3.0	8.0
72	* 1.2*	2.0	TRACE	TRACE*	.0	.0*	.0	.0*	.0*	.0*	2.1*	3.3	* 3.3
73	* 5.7*	5.5	.0*	TRACE*	.0	.0*	.0	.0*	.0*	.0	TRACE	4.0	* 5.7
74	1.0	.6	1.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	.8	1.0
75	7.3	4.2	8.5	2.5	.0	.0	.0	.0	.0	.0	5.1	TRACE	8.5
76	2.2	.5	1.3	.0	.0	.0	.0	.0	.0	TRACE	2.2	TRACE	2.2
77	2.8	.4	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	.2	2.8
78	2.3	3.4	3.4	.0	TRACE	.0	.0	.0	.0	.0	2.2	3.5	3.5
79	2.3	2.4	3.4	1.6	.0	.0	.0	.0					
MEAN	2.71	2.46	2.27	.67	TRACE	.00	.00	.00	.00	TRACE	.98	2.69	4.59
S.D.	1.720	2.422	2.577	1.040	.000	.000	.000	.000	.000	.000	1.509	2.466	2.576
TOTAL OBS.	710	647	713	689	711	690	711	713	688	698	688	707	8365

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 86 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13947 MARSHALL AAF KS 56-79
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV	DEC.	ALL MONTHS
56									.0	.0	.6	3.9	
57	2.4	1.8	3.4	2.1	.0	.0	.0	.0	.0	TRACE	TRACE	1.0	10.7
58	6.3	3.6	3.7	.0	.0	.0	.0	.0	.0	.0	3.6	9.2	26.4
59	5.7	2.7	3.0	.8	.0	.0	.0	.0	.0	.0	3.4	1.5	17.1
60	6.0	21.7	17.5	TRACE	.0	.0	.0	.0	.0	.0	.1	3.6	48.9
61	1.0	7.2	6.8	1.2	.0	.0	.0	.0	.0	.0	2.7	7.2	26.1
62	5.5	4.0	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5	13.4
63	6.9	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.2	11.3
64	1.7	1.7	5.9	.0	.0	.0	.0	.0	.0	.0	1.2	4.9	15.4
65	5.2	11.7	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	4.4	24.2
66	.6	.6	1.1	.0	.0	.0	.0	.0	.0	.0	.0	10.5	12.8
67	1.7	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE*	3.8	* 5.8
68	3.3	4.2	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.7	8.2
69	2.8	6.0	3.4	.0	.0	.0	.0	.0	.0	.0	TRACE	10.1	22.3
70	5.2	TRACE	3.9	4.5	.0	.0	.0	.0	.0	TRACE	.2	.1	13.9
71	5.3	19.7	3.6	TRACE	.0	.0	.0	.0	.0*	.0*	1.8*	3.0	* 33.4
72	* 2.3*	3.2	TRACE	TRACE*	.0	.0*	.0	.0*	.0*	.0*	5.1*	4.6	* 15.2
73	* 13.2*	6.3	.0	*TRACE*	.0	.0*	.0	.0*	.0*	.0	TRACE	11.7	* 31.2
74	2.6	.8	1.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	6.5
75	10.9	6.7	8.6	3.1	.0	.0	.0	.0	.0	.0	6.4	TRACE	35.7
76	5.2	.7	2.1	.0	.0	.0	.0	.0	.0	TRACE	2.2	TRACE	10.2
77	8.6	.4	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	.3	11.3
78	4.7	10.1	5.2	.0	TRACE	.0	.0	.0	.0	.0	2.4	6.2	28.6
79	11.0	2.4	4.3	1.6	.0	.0	.0	.0					
MEAN	4.89	5.05	3.34	.74	TRACE	.00	.00	.00	.00	TRACE	1.09	4.23	19.06
S.D.	2.900	6.177	3.913	1.231	.000	.000	.000	.000	.000	.000	1.739	3.820	11.003
TOTAL OBS.	710	647	713	689	711	690	711	713	688	698	698	707	5365

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OLA)

DATA PROCESSIN BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

13967 MARSHALL AAF KS 56-79
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	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	47.1	13.7	13.2	5.6	6.2	12.4	2.1							39.3	710			
FEB	64.4	12.6	7.3	4.2	.5	0.2	2.	.2						22.9	647			
MAR	85.1	4.1	3.6	1.4	1.3	1.4	1.7	1.4						10.8	713			
APR	98.1	1.2	.3	.3	.1									.7	689			
MAY	100.1														711			
JUN	100.1														690			
JUL	100.														711			
AUG	100.1														713			
SEP	100.1														688			
OCT	100.0														698			•
NOV	95.2	2.3	1.2	.7		.1	.1							2.5	698			
DEC	73.6	9.3	6.2	4.4	2.4	2.1	.4							16.9	726			
ANNUAL	88.6	3.5	2.6	1.4	1.1	1.1	.1	.1						7.8	8366			

1210 WS FORM AUG 64 0-15-5 (Dec 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13947 STATION | MARSHALL AAF KS STATION NAME | 56-79 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56									0	0	1	3	
57	1	2	3	2	0	0	0	0	0	0	TRACE	1	3
58	6	2	2	0	0	0	0	0	0	0	4	2	6
59	9	3	2	TRACE	0	0	0	0	0	0	2	3	9
60	6	13	19	TRACE	0	0	0	0	0	0	TRACE	3	19
61	1	7	4	TRACE	0	0	0	0	0	0	TRACE	5	7
62	4	2	2	0	0	0	0	0	0	0	0	3	4
63	4	1	TRACE	0	0	0	0	0	0	0	0	2	4
64	1	1	1	0	0	0	0	0	0	0	1	5	5
65	5	7	1	0	0	0	0	0	0	0	0	2	7
66	1	0	1	0	0	0	0	0	0	0	0	10	10
67	6	0	1	0	0	0	0	0	0	0	0	3	6
68	3	2	0	0	0	0	0	0	0	0	0	TRACE	3
69	2	7	3	0	0	0	0	0	0	0	0	4	7
70	4	0	1	1	0	0	0	0	0	0	0	TRACE	4
71	5	11	3	0	0	0	0	0	0*	0*	TRACE*	TRACE	11
72	* 1*	2	0	0*	0	0	0*	0	0*	0*	0*	2* 4	* 4
73	* 7*	1	0	* TRACE*	0	0	0*	0	0*	0*	0	0 6	* 7
74	6	1	1	TRACE	0	0	0	0	0	0	TRACE	TRACE	6
75	5	4	9	3	0	0	0	0	0	0	8	TRACE	9
76	2	1	1	0	0	0	0	0	0	0	2	1	2
77	6	TRACE	0	2	0	0	0	0	0	0	0	TRACE	6
78	3	7	4	0	0	0	0	0	0	0	TRACE	4	7
79	1	6	1	0	0	0	0	0					
MEAN	4.3	3.7	2.6	.4	.0	.0	.0	.0	.0	.0	.9	2.7	6.5
S.D.	2.533	3.773	4.099	.848	.000	.000	.000	.000	.000	.000	1.931	2.473	3.717
TOTAL OBS.	710	647	713	699	711	690	711	713	688	698	688	708	8366

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 66 0-88-5 (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.

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

74-29063

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13947 — STATION
MARSHALL AAF KS — STATION NAME
58-79 — YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
58		E	*32NNE	29SSE	50W	30SSW	53ESE	55SSW	30N	43SSE	48SSW	59SSE	35	
59	NNW	40SSW	35NNW	42SSW	42S	63S	47S	54WNW	47SSE	40NW	41WNW	37SSW	41	S 63
60	SSE	46NNW	31E	52SSE	48SSW*	45N	40S	32SSE	34N	31NNW	30SW	47S	52	E 52
61	N	37WNW	31SSW	37WNW	35S	36NE	44NW	39NW	42S	41S	41SSE	38NNW	36	NE 44
62	S	40N	33S	35S	44SW	43NNE	33SW	43NW	40S	33S	36S	32NW	39	S 44
63	S	34N	35S	47S	44SSE	34WNW	43WNW	29S	27N	34SSW	32NNW	37N	*31	S 47
64	S	36SSW	47S	45S	49S	49S	37SSE	36SSW	34SSW	*49SSW	37NNW	38SSW	40	S 49
65	NW	40NNW	42NNW	40SW	42SSE	44WSW	52WNW	38S	34WSW	40WSW	40SW	33S	45	WSW 52
66	SSW	33S	40NW	55NNW	53S	44S	40NW	41E	35SW	31SW	44NNW	37S	34	NW 55
67	N	40N	47S	48S	48N	40NW	49SW	43NE	26NNW	31S	43S	25SSW	39	NW 49
68	N	33SSE	35S	45S	40SSE	47NNW	42 32/	42 19/	34 19/	33 36/	45 18/	41 21/	47	SSE 47
69	35/	51 33/	31 36/	38 24/	43 16/	42 5/	50 34/	34 16/	29 30/	30 17/	40 18/	42 28/	32	5/ 58
70	21/	26 35/	35 34/	35 26/	44 34/	51 27/	45 36/	60 34/	41 30/	47 19/	43 23/	50 39/	43	36/ 60
71	35/	38 15/	41 32*	67 24/	43 12/	43 28/	55 34/	47 15/	31 20/	49 20*	40 18/	37 21*	42	32* 60
72	19/	26 21/	40 22/	44 12/	55 17/	43 19/	36 23/	39 17/	54 18/	34 18/	31 17/	36 19/	49	12/ 55
73	19/	45 19/	40 23/	53 21*	61 17/	45 28*	37 9/	49 19/	34 15/	44 20/	43 19/	40 19/	38	21* 61
74	20/	28 20/	37 30/	36 16/	46 17/	47 28/	48 25/	43 33/	44 21/	30 23/	44 33/	34 18/	36	28/ 48
75	16/	37 22/	42 29/	42 15/	52 24/	35 36/	44 20/	30 18/	34 24/	57 19/	38 19/	44 17/	37	24/ 57
76	25/	28 35/	44 17/	48 24/	62 20/	33 20/	47 17/	33 30/	36 23/	28 21/	28 21/	32 30/	36	24/ 62
77	36/	32 19/	48 16/	42 32/	42 15/	41 20/	32 34/	36 32/	38 21/	36 14/	33 19/	41 32/	34	19/ 48
78	34/	36 34/	32 23/	32 13/	40 18/	42 24/	38 29/	36 20/	33 32/	42 20/	32 20/	30 24/	35	18/ 42
79	34/	32 36/	33 21/	37 21/	36 20/	41 21/	64 2/	36 6/	28					
MEAN	36.1	38.0	42.0	45.6	42.5	45.1	40.6	35.7	37.7	38.5	38.6	38.2		52.3
S D	6.549	5.572	7.007	6.415	7.125	8.209	8.159	6.820	7.665	5.772	7.373	5.018		6.850
TOTAL OBS	644	604	676	656	675	643	675	680	624	635	624	638		7774

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 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)

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (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	2.2	2.3	3.4	2.5	.1							11.5	7.7
NNE	2.2	2.4	1.6	.8	.1							7.3	5.1
NE	1.7	1.1	1.5	.3								4.1	6.2
ENE	.6	.8	1.2		.3							2.9	5.9
E	1.0	.9	.8	.6								3.2	6.3
ESE	.5	.4	.6	.1								1.6	5.5
SE	.5	.3	.6	.2								1.6	5.3
SSE	.5	.5	.6	.5	.3							2.3	7.0
S	1.3	1.5	2.0	1.2	.5	.7						7.1	7.6
SSW	2.2	3.4	1.8	1.0	.2							8.6	6.2
SW	2.0	3.0	2.5	.9	.3							8.7	6.6
WSW	.8	1.6	.3	.2								2.9	4.9
W	.5	.5	.6	.6								2.4	6.8
WNW	.9	.9	.7	.1								2.6	5.3
NW	.3	1.1	1.2	.6	.2							3.3	8.3
NNW	.7	1.8	1.8	1.3	.1							4.8	7.8
VARBL													
CALM												25.6	
	17.6	22.7	20.5	12.8	2.2	.7						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1023

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12-47	MARSHALL AAF KS	66-71,75-79	JAN
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	2.0	3.8	3.7	2.2	.1							11.8	7.4
NNE	2.0	2.9	2.0	.7	.1							7.6	6.1
NE	1.7	2.0	1.3	.4	.1							5.4	5.7
ENE	.7	.8	.5	.4								2.5	5.4
E	1.0	1.2	.9	.2								3.2	5.5
ESE	.6	.4	.4	.3								1.7	6.2
SE	.1	.3	.3	.1								.8	7.5
SSE	.4	.8	.2	.7	.5	.1						2.6	10.3
S	1.0	2.2	1.0	1.6	.3	.5						6.5	9.1
SSW	2.3	2.6	1.9	1.3	.4							8.5	7.0
SW	2.3	2.5	1.2	.3	.1							6.5	5.2
WSW	.2	1.5	.7	.1								2.4	5.8
W	1.2	1.2	.9	.5	.1							3.6	6.7
WNW	.7	1.1	.3	.3								2.3	5.2
NW	.7	1.0	1.4	.4								3.4	5.5
NNW	.8	1.6	1.3	.7	.3							4.6	7.8
VARBL													
CALM												20.4	
	17.3	25.7	18.0	10.1	2.0	.6						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 06-71,75-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.7	4.2	2.5								11.6	7.6
NNE	2.2	2.1	2.3	1.1	.3							7.5	6.9
NE	1.5	2.3	1.5	.5								5.7	5.3
ENE	.6	.8	.6									2.0	5.3
E	.8	.3	.7	.5								2.7	6.6
ESE	.1	1.2	.3	.2	.3							2.1	9.2
SE	.5	.2	.2	.3	.1							1.3	7.2
SSE	.3	.1	.6	.3	.1	.4						1.5	12.8
S	1.9	1.6	1.1	1.0	.6	.1						6.1	7.7
SSW	2.1	1.7	1.9	2.4	.3							8.3	7.8
SW	2.1	3.4	1.3	.7								7.4	5.6
WSW	1.0	1.2	.3	.1								2.9	4.4
W	1.3	.5	.6	.1								2.7	4.9
WNW	.8	1.0	.8	.6								3.1	6.4
NW	.4	1.5	.7	.3	.1							2.9	7.2
NNW	1.3	1.3	1.7	.6								4.9	6.5
VARBL													
CALM												27.4	
	18.6	22.4	18.2	11.2	1.9	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1322

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14 47	MARSHALL AAF KS	66-71,75-79	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	5.5	2.7	.5							12.5	5.8
NNE	1.6	2.2	1.8	.7	.2	.2						6.6	5.2
NE	1.0	3.1	2.5	1.0								7.6	5.5
ENE	.7	1.7	.4									2.1	4.1
E	.4	1.1	.5	.3								2.2	5.0
ESE	.5	.7	1.2	.2		.1						2.6	7.4
SE	.6	.8	1.2	.8	.2							3.3	8.5
SSE	.3	.8	1.2	1.0	.6	.2						4.0	10.2
S	1.3	.6	1.8	1.5	.8	.1						6.2	9.1
SSW	2.2	1.7	2.9	2.1	.6							10.5	8.6
SW	2.1	4.8	2.0	1.1								9.9	8.1
WSW	1.1	2.0	1.6	.3	.1							5.3	8.2
W	.8	1.8	.8	.2								3.7	5.6
WNW	.6	.7	2.1	1.0								4.3	6.5
NW	.2	.8	1.8	1.3								4.2	7.8
NNW	.4	.7	1.8	1.1								4.0	6.7
VARBL													
CALM												11.4	
	14.3	25.5	28.6	16.1	2.9	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1227

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1203-1403 (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	.5	1.8	4.5	3.8	.6	.2						11.3	1.3
NNE	1.2	2.2	1.8	1.1								6.3	6.3
NE	1.5	2.5	1.2	.9								6.1	6.1
ENE	1.1	1.3	.4	.2								3.5	5.1
E	.9	.9	.4	.3								2.3	5.2
ESE	.5	.4	.8	.3	.1							2.1	7.8
SE	.8	1.2	1.1	.5	.2	.1						3.9	7.7
SSE	.2	.7	1.7	1.0	.1							3.6	7.1
S	.4	1.7	2.2	1.8	1.0	.1						7.1	10.1
SSW	.7	1.7	3.1	3.8	1.3	.2						10.9	10.4
SW	.8	3.5	3.8	1.9	.9	.1						10.9	8.5
WSW	.6	2.7	2.5	.4								6.3	6.5
W	.7	2.4	2.6	.8	.1							6.6	7.2
WNW	.2	.5	1.9	1.3	.1	.1						4.1	8.9
NW	.2	.8	2.2	2.4	.2	.1						6.0	10.3
NNW	.3	1.2	3.2	2.5	.3							7.5	9.1
VARBL													
CALM												2.1	
	10.3	25.2	33.4	22.9	4.7	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1623

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747	MARSHALL AAF KS	66-71,75-79	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	5.9	3.6	.2	.3						12.4	7.7
NNE	1.1	1.9	2.0	.6								5.5	5.6
NE	.7	.8	1.5	.2								3.2	5.5
ENE	.9	1.5	.6	.6								3.5	6.3
E	.5	1.0	1.3	.6								3.4	7.3
ESE	.3	.4	.9	.3								1.9	7.6
SE	.9	.7	1.1	.8								3.4	7.3
SSE	.6	1.4	1.9	.9								4.7	7.2
S	.6	2.0	3.1	2.3	.2							8.2	8.7
SSW	1.1	2.4	2.7	3.7	.3							10.9	9.5
SW	.4	1.2	2.6	1.7	.1							6.0	7.9
WSW	1.0	2.2	1.7	.4								4.5	6.1
W	.9	2.3	1.4	.8								5.3	7.5
WNW	.7	1.3	1.6	1.3	.3							5.1	8.5
NW	.4	2.1	2.3	1.8	.2	.1						6.9	8.8
NNW	.9	2.2	3.4	2.3	.1	.1						9.9	8.7
VARBL													
CALM												4.1	
	11.4	26.3	33.6	21.7	1.9	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	56-71,75-79	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.8	2.7	1.6	.1							9.1	7.2
NNE	1.2	1.5	2.3	.1								5.1	6.3
NE	1.2	1.5	1.3	.4	.1							4.4	6.3
ENE	.9	1.4	.8	.5								3.5	6.2
E	1.1	1.3	1.1	.3								3.7	5.5
ESE	.4	.8	.2	.3								1.7	5.9
SE	.4	1.2	.5	.7								2.7	7.4
SSE	.7	1.4	1.0	.3	.1	.2						3.6	7.5
S	1.8	2.7	2.1	.6	.4							7.5	6.6
SSW	2.7	3.2	2.4	1.4	.1							9.9	6.3
SW	1.5	2.4	1.1	.7								5.7	5.7
WSW	.8	1.4	.6	.1								2.8	4.6
W	.7	1.4	.2	.1	.1							2.4	4.9
WNW	1.2	.8	.4	.4	.1							2.8	5.4
NW	.4	2.1	1.1	.2	.2							3.9	6.6
NNW	1.7	2.2	1.8	.8	.3	.1						6.4	7.4
VARBL													
CALM												24.7	
	17.9	27.9	19.5	9.3	1.5	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1123

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (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	1.4	2.7	2.8	2.1	.7							9.2	7.6
NNE	2.1	1.9	2.2	.6								6.7	6.2
NE	1.0	2.2	1.2	.4								4.8	5.9
ENE	.7	.9	1.1	.5		.1						3.1	7.9
E	.7	1.2	1.5	.1								3.4	6.1
ESE	.8	.7	.4									1.9	4.4
SE	.4	.7	.5	.3	.1							2.0	7.4
SSE	.4	.7	.3	.5		.2						2.1	7.1
S	1.2	2.2	2.0	1.6	.4	.2						7.4	8.4
SSW	1.9	2.0	2.7	1.4	.1							8.0	7.1
SW	1.7	2.0	1.9	.8	.2							6.5	6.4
WSW	1.6	2.0	.7	.1	.2							4.5	5.1
W	.5	1.2	.3	.2								2.2	5.2
WNW	.7	1.1	.9	.3								2.9	6.3
NW	.5	1.1	1.1	.2	.1							2.9	6.6
NNW	.7	1.6	1.4	1.6	.3							5.5	8.9
VARBL													
CALM												27.0	
	15.9	23.9	20.8	10.5	1.6	.5						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
06-71,75-79 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.6	4.1	2.6	.2	.1						11.1	7.4
NNE	1.7	2.1	2.0	.7	.1	.0						6.6	6.5
NE	1.2	1.9	1.5	.5	.0							5.2	6.1
ENE	.8	1.0	.7	.3	.0	.0						2.8	6.1
E	.9	1.3	.9	.4								3.5	6.1
ESE	.5	.6	.6	.2	.0	.0						1.9	6.7
SE	.5	.6	.6	.5	.1	.0						2.4	7.5
SSE	.4	.8	.9	.6	.2	.1						3.1	7.1
S	1.1	1.8	1.9	1.4	.5	.2						7.0	6.7
SSW	1.9	2.3	2.4	2.3	.5	.0						9.4	6.0
SW	1.6	3.1	2.1	1.0	.2	.0						7.9	6.7
WSW	.9	1.6	1.0	.2	.0							3.9	5.7
W	.8	1.4	.9	.4	.0							3.6	6.2
WNW	.7	.9	1.1	.6	.1	.0						3.4	7.4
NW	.4	1.3	1.5	.9	.1	.0						4.2	6.2
NNW	.6	1.5	1.9	1.3	.2	.0						5.6	6.3
VARBL													
CALM												18.7	
	15.5	25.0	24.1	13.9	2.3	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5182

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.8	2.9	2.2	.3							8.8	8.2
NNE	2.5	1.7	1.4	1.2								6.8	[illegible]
NE	1.6	1.2	2.0	.3								5.2	6.1
ENE	.9	1.1	1.4	.1								3.4	6.[illegible]
E	.4	.8	1.4	1.1	.1							3.9	8.9
ESE	.5	.1	.3	.3								1.3	6.5
SE	.2	.5	.5	.6	.1							2.0	8.7
SSE	.5	.6	.8	1.1	.2	.3						3.5	9.6
S	2.6	1.2	.9	1.0	.2	.1						5.9	6.5
SSW	1.3	3.0	2.2	2.5	.4							9.4	7.9
SW	2.0	2.2	.9	.8	.1							5.9	5.8
WSW	1.0	1.1	.1	.1								2.3	4.1
W	.6	.6	.5	.4								2.3	6.1
WNW	.1	.5	.4	.2								1.3	7.8
NW	.6	1.0	1.2	.4								3.2	7.1
NNW	.5	1.7	1.3	1.0	.2							4.8	6.6
VARBL													
CALM												30.1	
	17.1	19.1	18.2	13.2	1.8	.4						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)

13-47 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1300-1500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.6	4.1	2.4	.3	.1						11.2	6.2
NNE	2.2	1.6	1.5	.9								6.1	5.2
NE	.6	1.5	1.6	.3								4.1	5.5
ENE	.6	1.5	1.5									3.7	6.1
E	.6	.9	1.4	.6								3.5	7.5
ESE		.8	.8	.4	.2							2.2	9.5
SE	.5	.5	1.0	.2	.2							2.5	7.6
SSE	.2	.4	.3	.3	.4							1.7	10.6
S	1.8	1.4	.4	.9	.2							4.7	6.3
SSW	2.3	1.9	2.5	1.1	.1							7.8	6.7
SW	1.7	2.9	2.4	.6	.1							7.7	6.2
WSW	.9	1.7	1.2									3.8	5.4
W	.3	.9	.3									1.4	4.9
WNW	.4	.9	.6	.4								2.4	6.6
NW	.5	.2	1.1	.3								2.2	7.2
NNW	.9	1.7	2.7	1.0	.3							6.0	7.9
VARBL													
CALM												0.0	
	19.4	21.3	22.9	9.5	1.9	.1						100.0	6.

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	2.6	1.5	.3	.3						8.9	6.3
NNE	1.7	2.3	1.3	1.6								6.6	6.7
NE	1.2	1.7	1.9	.6								5.5	5.5
ENE	.8	1.3	1.1	.3								3.1	6.7
E	.4	.8	1.6	.9	.1							3.8	8.3
ESE	.2	.8	.8	.4								2.2	7.7
SE	.3	.2	.6	.4								1.6	8.2
SSE	.2	.4	.4	.5	.2							1.8	9.1
S	1.1	1.1	.5	.9	.2	.1						3.9	7.5
SSW	2.8	2.3	2.4	.9								8.3	5.8
SW	2.8	4.1	2.2	.9	.1							10.0	5.6
WSW	1.5	1.3	.5	.2								3.5	4.8
W	1.3	.9	.4	.1								2.4	5.2
WNW	.3	.9	.5									1.7	5.6
NW	.5	1.1	.9	.3								2.8	6.7
NNW	1.2	1.3	2.2	1.5	.3	.1						6.6	8.7
VARBL													
CALM												27.4	
	17.6	22.5	19.6	11.1	1.3	.5						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.4	4.2	2.6	.3	.3						10.3	6.4
NNE	1.3	2.4	1.9	1.1	.1							6.8	5.9
NE	1.1	2.5	1.6	.9								6.0	6.6
ENE	.5	1.1	1.2									2.8	6.1
E	.6	.8	2.2	.9								4.4	8.2
ESE	.2	.4	.5	.8	.2							2.2	7.9
SE	.5	.5	1.2	.3	.1							2.7	7.6
SSE	.5	.3	1.2	1.2	.1							3.3	7.2
S	1.3	1.2	1.4	1.6	.5	.2						6.2	9.3
SSW	1.3	1.2	1.9	2.2	.5							7.1	9.0
SW	1.9	3.5	2.9	2.4								10.8	7.4
WSW	1.5	2.4	2.4	1.0								7.2	6.8
W	.8	1.6	1.5	1.0	.2							5.1	7.8
WNW	.1	.4	.6	.3								1.5	5.6
NW		.8	1.8	.9	.2							3.7	9.7
NNW	.2	1.6	2.5	3.2	.9	.1						8.5	10.7
VARBL													
CALM												11.5	
	12.5	23.0	29.0	20.1	3.2	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-71,75-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.4	5.3	3.2	1.1	.1						12.5	1[illegible].[illegible]
NNE	.2	.8	1.9	1.5	.1							4.5	9.[illegible]
NE	.4	2.0	1.3	.3								4.1	6.4
ENE	1.1	.9	1.6	.5								4.1	7.[illegible]
E	.4	.8	2.0	.9								4.1	8.[illegible]
ESE	.2	.5	.9	.6	.1							2.4	8.7
SE	.3	.3	.5	.8								1.9	9.1
SSE	.4	1.0	1.8	.9	.3	.2						4.6	9.7
S	.8	1.5	1.9	2.8	.3	.5						7.8	10.2
SSW	.8	1.6	2.7	2.6	.9	.4						8.4	10.5
SW	.9	1.6	4.2	2.2	1.0							9.8	9.5
WSW	.2	2.4	2.7	1.3	.1							6.7	8.4
W	.4	1.3	2.7	1.7	.2							6.3	9.0
WNW	.2	1.6	1.4	.8	.4							4.4	8.9
NW	.1	1.3	2.0	1.6	.2							5.2	9.6
NNW	.1	1.8	3.8	3.2	.8	.1						9.8	10.5
VARBL													
CALM												1.3	
	7.0	21.7	36.2	24.8	5.5	1.4						1[illegible].[illegible]	9.1

TOTAL NUMBER OF OBSERVATIONS [illegible]2.

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	66-71,75-79	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

15 0-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.7	6.3	3.8	.9	.1						14.3	9.8
NNE	.5	1.7	1.7	.9	.2							4.5	8.0
NE	.6	1.8	1.5	.3		.1						4.4	7.0
ENE	.4	1.9	1.1	.4								3.9	6.5
E	.5	1.4	1.6	1.2	.4							5.1	8.4
ESE	.4	1.0	.8	.4								2.5	6.8
SE	.2	.4	.5	.3								1.5	7.4
SSE	.4	.6	1.2	1.1	.4	.1						3.9	10.2
S	.3	2.2	2.7	2.8	1.4	.4						9.8	11.3
SSW	.3	1.1	1.7	1.6	.5	.2						5.9	10.2
SW	.3	1.1	2.7	2.6	.3							7.0	9.8
WSW	.5	1.6	3.3	1.2	.2							6.9	8.4
W	.9	1.2	2.9	.4	.6							5.9	8.3
WNW	.4	1.4	2.2	.5	.2							4.7	7.9
NW	.3	1.3	2.2	1.8	.3		.1					6.0	9.6
NNW	.3	2.5	3.0	3.3	.6	.3						10.1	10.4
VARBL													
CALM												3.3	
	8.0	23.5	35.0	22.7	6.1	1.3	.1					100.0	8.9

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)

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1500-2100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	4.7	3.8	1.9	.2							13.7	6.9
NNE	1.6	1.9	2.7	.9	.1							8.6	6.8
NE	1.4	2.2	.8									4.3	4.7
ENE	.9	1.4	.6	.2								3.1	5.5
E	.9	1.9	2.3	.6	.1							5.9	7.3
ESE	.4	1.2	.5	.1								2.3	5.9
SE	.6	1.0	1.0	.1								2.7	6.1
SSE	.3	.9	1.5	1.0	.1	.1						3.9	9.3
S	1.7	1.8	2.5	1.6	.9	.4						8.9	9.2
SSW	2.2	2.9	1.8	.5	.1							7.4	5.7
SW	1.4	3.4	.4	.2								5.5	4.8
WSW	1.3	1.3										2.6	3.5
W	1.5	1.1	.4	.4								3.4	5.1
WNW	.5	.6	.1	.4	.2							1.9	8.1
NW	1.2	.5	.9	.6	.1							3.3	6.7
NNW	1.1	2.0	2.2	1.3	.1							6.7	7.4
VARBL													
CALM												13.9	
	19.2	28.1	20.8	10.0	1.9	.5						100.0	5.4

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)

13947	MARSHALL AAF KS	66-71,75-79	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	4.3	1.6	.2							11.1	7.6
NNE	1.9	2.0	1.4	1.0	.2							6.6	5.8
NE	1.1	1.4	1.9	.4								4.8	6.6
ENE	1.1	2.2	1.0	.1								4.3	4.5
E	1.3	1.3	1.5	.4	.1							4.6	6.7
ESE	.2	.3	.6	.3								1.5	6.4
SE	.5	.1	.9	.2								1.7	7.4
SSE	.3	.6	.8	1.2	.1	.2						3.2	10.4
S	1.5	1.3	1.1	1.9	.5	.1						6.3	9.4
SSW	2.2	1.7	1.6	1.1	.4	.1						7.1	7.3
SW	1.4	1.9	1.0	.1	.2							4.6	5.5
WSW	1.1	1.2	.2									2.5	4.1
W	.5	.3		.6								1.5	7.0
WNW		.5	.3	.4								1.3	6.1
NW	.5	.3	.1	.6								1.8	7.4
NNW	.9	1.0	1.0	1.3								4.0	8.0
VARBL													
CALM												32.6	
	15.1	19.7	17.6	11.4	2.2	.4						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
STP WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	4.1	2.4	.5	.1						11.2	6.5
NNE	1.5	1.7	1.6	1.1	.1							6.1	7.0
NE	1.0	1.8	1.6	.4		.1						4.8	6.3
ENE	.8	1.4	1.2	.2								3.5	6.0
E	.7	1.1	1.7	.8	.1							4.4	7.8
ESE	.3	.6	.6	.4	.1							2.1	7.5
SE	.4	.5	.6	.4	.1							2.1	7.7
SSE	.4	.6	1.0	.9	.2	.1						3.3	9.8
S	1.4	1.5	1.4	1.7	.6	.2						6.8	9.1
SSW	1.7	1.9	2.0	1.5	.4	.1						7.7	7.8
SW	1.6	2.6	2.1	1.2	.2							7.7	7.0
WSW	1.0	1.6	1.3	.5	.1							4.4	6.4
W	.8	1.7	1.1	.6	.1							3.5	7.2
WNW	.3	.9	.8	.4	.1							2.4	7.9
NW	.5	.8	1.3	.8	.1		.0					3.5	8.4
NNW	.6	1.7	2.2	2.0	.4	.1						7.1	9.3
VARBL													
CALM												19.5	
	14.2	22.4	24.9	16.4	3.0	.7	.0					100.0	6.3

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)

13747	MARSHALL AAF KS	66-71,75-79	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	2.2	1.9								5.1	8.4
NNE	2.0	1.8	2.9	.8	.1							7.6	8.6
NE	1.7	1.2	1.6	.9	.2							5.3	7.4
ENE	.8	2.3	1.7	.7	.1							5.2	7.1
E	.4	.9	1.1	.3								2.5	6.5
ESE	.1	.4	.7	.2	.3							1.7	7.8
SE	.5	.2	1.2	1.4	.2							3.5	10.7
SSE	.4	.8	1.4	1.4	.2	.3	.1	.1				4.5	11.4
S	1.3	.8	.5	3.4	1.7	1.6	.6					9.8	14.3
SSW	1.6	1.5	2.4	1.8	.6							7.8	8.4
SW	1.1	1.5	1.3	.1	.1							4.1	5.7
WSW	.5	1.1	.3	.2								2.1	5.5
W	1.2	1.0	.5	.8	.2							3.4	7.4
WNW	.3	.5	.9	.8	.2							2.9	9.1
NW	.3	.6	1.6	.2	.4	.2						3.2	10.2
NNW	.7	1.0	1.7	.9	.2	.1						4.5	8.4
VARBL													
CALM												2.4	
	13.3	17.1	21.8	15.5	4.4	2.2	.7	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1,22[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

12-47	MARSHALL AAF KS	66-71,75-79	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.3	1.2	.5							7.1	7.7
NNE	2.0	2.7	2.3	.8	.1							8.0	8.4
NE	.7	2.0	1.8	1.0								5.4	7.9
ENE	.5	1.5	1.7	.6	.1							4.3	7.5
E	.1	.7	.6	.6								2.0	7.1
ESE	.6	.3	.4	.2	.4	.1						2.0	9.2
SE	.2	.9	.7	1.3	.3							3.5	9.7
SSE	.4	.5	.6	.9	.3			.1				2.8	10.3
S	1.3	1.3	1.2	2.2	1.2	1.1						8.3	12.1
SSW	1.9	1.6	1.4	2.3	.6							7.7	8.7
SW	1.5	2.2	1.1	.3	.4							5.4	8.1
WSW	1.5	1.1	.7		.1							3.3	6.7
W	.5	.8	1.0	.7	.3	.1						3.3	9.3
WNW		.7	.7	.5	.1	.1	.1					2.2	10.5
NW	.5	.7	.9	.7		.2						2.9	8.6
NNW	.4	.5	2.3	.5	.4							4.2	9.2
VARBL													
CALM												21.7	
	14.2	16.9	19.4	14.6	4.5	1.6	.1	.1				100.7	8.1

TOTAL NUMBER OF OBSERVATIONS 1122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.1	3.3	2.4	.5							[illegible].3	[illegible]
NNE	2.0	2.1	2.1	.6								6.7	6.2
NE	2.3	2.4	1.5	1.3								7.3	6.1
ENE	.9	1.7	1.1	.2	.1							3.8	6.7
E	.6	.9	1.5	.3	.1							3.3	7.1
ESE	.2	.3	.6	.3	.3							1.7	9.6
SE	.1	.4	.5	.8	.1	.1						2.0	10.6
SSE	.1	.5	.6	1.1	.4	.1						2.7	11.9
S	1.3	.9	1.2	2.4	1.1	.6	.2					7.6	11.9
SSW	1.9	1.6	1.7	1.7	.5	.4						7.8	6.1
SW	1.9	2.4	1.4	.6	.4	.1						6.8	6.3
WSW	.9	.9	1.3	.5								3.1	6.6
W	.6	1.0	.9	.9								3.2	7.3
WNW	.1	.6	.6	.4	.4	.1						2.2	11.4
NW	.2	.6	1.4	1.0	.3							3.3	10.1
NNW	.3	.9	1.8	.6								3.4	7.9
VARBL													
CALM												25.7	
	14.0	19.1	20.8	14.9	4.3	1.4	.2					100.7	6.3

TOTAL NUMBER OF OBSERVATIONS 1121

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	4.4	4.3	.9							11.7	10.4
NNE	.8	1.2	2.7	.8	.1							5.6	7.7
NE	.8	1.9	2.5	1.5								6.5	7.7
ENE	.3	2.1	1.1	1.0								4.4	7.8
E	.3	.9	2.5	.7								4.4	8.5
ESE	.3	.9	1.1	.9	.1	.1						3.3	9.7
SE	.2	.4	1.8	.4	.1							2.8	8.6
SSE	.1	.2	1.3	.9	.9	.1						3.3	12.6
S	.6	.6	2.2	3.7	1.7	.7	.2					9.9	12.9
SSW	1.0	.6	.9	2.2	1.4	1.0	.3					7.2	13.7
SW	1.8	1.5	1.7	1.7	.9	.3	.1					7.8	9.7
WSW	.6	2.2	2.6	1.3	.2	.1						7.0	8.3
W	.4	.9	1.4	.9	.5	.1						4.1	9.5
WNW	.2	.7	1.7	1.0	.2							3.7	9.6
NW	.4	.9	1.9	1.3	.4	.2						5.0	10.5
NNW	.2	.8	1.9	2.6	.9							6.4	11.2
VARBL													
CALM												6.7	
	9.1	16.5	31.6	24.9	8.0	2.5	.6					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	66-71,75-79	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	3.6	4.2	1.2							11.9	10.6
NNE	.6	1.5	3.2	1.7	.1							7.3	8.7
NE	.3	1.3	2.2	.6	.1							4.5	8.0
ENE	.3	1.9	1.3	.6								4.0	6.9
E	.5	1.2	1.4	.7	.4							4.1	8.4
ESE	.1	.4	1.1	.3	.3							2.2	9.3
SE	.2	.3	1.5	.8	.2							2.9	9.3
SSE		1.1	1.3	1.3	.7	.6	.1					5.2	12.5
S	.4	.7	1.5	3.8	2.7	1.7	.1	.1				13.9	15.2
SSW	.5	.4	.6	1.9	1.6	1.7	.4	.2				7.1	17.0
SW	.1	1.5	2.2	2.3	1.2	.6	.1					7.9	12.1
WSW	.5	1.4	2.4	1.3	.6	.1						6.3	9.2
W	.2	1.3	2.2	2.3	.6	.4						6.9	10.9
WNW	.2	1.0	1.4	2.0	.5	.1	.1					5.3	11.4
NW	.1	.8	1.9	2.6	.2	.2						5.8	11.2
NNW		1.1	3.0	2.8	.4	.2						7.5	11.1
VARBL													
CALM												1.6	
	4.9	16.5	30.6	29.1	10.8	5.5	.8	.3				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	4.7	3.6	.7		.1					11.0	10.5
NNE	.6	1.6	2.6	1.4								6.2	8.3
NE	.7	1.2	3.1	.6	.2							5.8	8.6
ENE	.1	1.0	1.7	.4	.1							3.2	9.1
E	.2	1.2	1.9	.7								3.8	7.7
ESE		.5	.4	.8								1.7	9.9
SE		.6	.9	.7	.1	.2						2.4	10.7
SSE	.1	.7	1.6	1.8	.4	.1						4.6	10.8
S	.1	.7	2.6	3.4	2.1	2.1	.6					11.5	15.5
SSW	.4	.6	.8	2.3	2.2	.9	.5					7.6	15.9
SW	.4	1.3	2.2	2.4	.7	.1	.2					7.2	11.2
WSW	.4	.9	1.9	1.4	.4	.1						5.0	9.7
W	.5	1.3	2.1	1.4	.9							6.1	9.8
WNW	.3	1.0	1.9	1.3	.8	.1	.1					5.4	11.1
NW	.4	1.3	2.1	3.4	1.3	.1	.2					8.7	11.9
NNW	.3	1.0	2.8	3.1	.7							7.9	10.8
VARBL													
CALM												2.3	
	4.3	16.1	32.9	28.6	10.4	3.6	1.7					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 1423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.4	3.6	2.1	.5							11.5	7.8
NNE	1.6	1.6	2.2	1.4	.1							6.6	7.3
NE	1.2	1.3	1.6	1.0	.2							5.3	7.3
ENE	.4	1.6	1.6	.3								3.8	6.6
E	.3	1.5	2.3	.4								4.4	7.5
ESE	.9	.9	.8	.3	.?							3.0	6.5
SE	.4	.6	1.5	.6								2.6	7.8
SSE	.4	1.6	1.6	1.6	.6	.1						5.6	9.6
S	.6	2.0	3.2	4.2	2.3	.9	.2	.1				13.7	12.4
SSW	1.1	1.5	1.7	1.4	.2	.2						6.0	8.6
SW	1.2	.3	.9	.5	.1							2.8	6.9
WSW	.4	.5	.5	.1								1.5	6.5
W	.6	.8	.7	.9	.?							3.1	8.7
WNW	.6	.8	.7	.8	.3							3.1	8.6
NW	.4	1.5	1.4	1.2	.3	.2	.?					5.1	10.0
NNW	.7	1.5	3.1	1.8	.?							7.2	8.8
VARBL													
CALM												13.7	
	17.7	21.5	26.7	18.3	5.1	1.4	.4	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1021

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.0	3.0	1.5								7.9	7.4
NNE	1.1	2.2	2.2	.7	.1							6.3	6.7
NE	1.8	1.6	3.0	.6								6.9	6.4
ENE	.7	1.9	2.0	.9	.2							5.6	7.4
E	.5	1.3	1.3	.9								3.9	7.8
ESE	.2		.7	.6								1.5	7.3
SE	.4	.7	1.8	.8	.2							3.8	8.5
SSE	.3	.7	1.1	1.8	1.0	.2	.1					5.1	12.4
S	.7	.7	2.0	5.3	2.7	1.1	.5					12.9	14.5
SSW	.9	1.0	1.6	1.3	.3							5.0	8.7
SW	.6	.7										1.3	5.9
WSW	.4	1.1	.6	.1								2.2	5.6
W	.5	.7	1.1	.7	.1	.2						3.2	7.2
WNW		.1	.3	.9	.3							1.6	13.6
NW	.2	.8	1.8	.5	.2	.2	.2					3.8	10.8
NNW	.2	.6	2.2	.4	.1		.3					3.7	10.3
VARBL													
CALM												25.5	
	9.8	15.7	24.3	16.7	5.2	1.7	1.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1023

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	3.4	2.6	.5		.0					9.4	9.2
NNE	1.4	1.8	2.5	1.0	.1							6.8	7.1
NE	1.1	1.7	2.2	.9	.1							6.0	7.2
ENE	.5	1.7	1.5	.6	.1							4.3	7.7
E	.4	1.1	1.5	.6	.1							3.6	7.8
ESE	.3	.5	.7	.4	.2	.0						2.1	8.8
SE	.3	.5	1.1	.8	.1	.0						2.9	9.4
SSE	.2	.7	1.2	1.3	.5	.2	.0	.0				4.2	11.5
S	.8	.9	1.8	3.7	1.9	1.2	.3	.0				10.7	13.7
SSW	1.1	1.1	1.4	1.8	.9	.5	.1	.0				7.0	11.3
SW	1.1	1.4	1.3	1.0	.5	.1	.0					5.4	8.6
WSW	.6	1.1	1.2	.6	.2	.0						3.9	7.7
W	.5	1.0	1.2	1.1	.3	.1						4.2	9.3
WNW	.2	.7	1.0	.9	.4	.0	.0					3.3	10.5
NW	.3	.9	1.6	1.4	.4	.2	.1					4.7	10.7
NNW	.3	.9	2.3	1.6	.4	.0	.0					5.6	9.9
VARBL													
CALM												15.9	
	10.3	17.7	26.0	20.3	6.5	2.5	.7	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 8179

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	66-71,75-79	APR
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	1.2	1.7	2.3	1.0	.1							6.4	7.1
NNE	1.9	1.8	1.9	.8	.1							5.6	5.1
NE	1.7	1.0	1.3	.2	.1							4.3	5.7
ENE	1.1	1.1	1.8	.8	.1							5.0	7.2
E	.5	1.5	1.3	1.0								4.3	7.7
ESE	.8	1.3	1.2	.6								3.9	6.5
SE	.5	.8	1.3	2.1								4.8	9.9
SSE	.2	.6	2.2	2.5	.9							6.5	11.8
S	.5	.7	2.4	3.5	3.1	.4						10.7	13.3
SSW	1.3	.7	1.1	2.5	.5							6.2	10.0
SW	1.3	1.4	.4	.6	.1							3.8	6.5
WSW	1.3	1.1	.4	.1	.1							3.0	5.2
W	.5	.5	.8	.1	.1							2.0	6.4
WNW	.1	.5	.1	.1	.2							1.0	9.2
NW	.1	.2	.3	.8	.4	.2						2.0	13.7
NNW	.4	.6	1.0	.9	.2							3.1	9.1
VARBL													
CALM												26.3	
	13.5	15.7	20.0	17.8	6.0	.7						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 989

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) | MARSHALL AAF KS (STATION NAME) | 66-71,75-79 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 0300-0530 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.8	1.8	.9								6.2	6.4
NNE	2.1	2.0	1.7	.5	.2							6.2	5.7
NE	2.1	1.9	2.5	.3								6.8	5.0
ENE	.9	1.5	2.4	.4								5.3	6.7
E	1.5	.9	1.2	1.1								4.2	7.4
ESE	.6	.8	1.1	.6								3.1	7.3
SE	.2	.3	.7	2.3	.3							4.3	11.1
SSE	.2	.4	1.2	2.4	.3	.1						4.6	12.2
S	.4	1.2	1.5	3.4	1.9	1.0						9.5	13.4
SSW	.7	1.7	1.6	2.3	.3		.1					6.8	9.6
SW	.9	1.2	.5	.5								3.3	6.2
WSW	.8	1.2	.8	.3	.3							3.4	6.6
W	.6	.7	.6	.3	.1							2.3	6.3
WNW	.7	.1	.9	.6	.3							2.5	9.8
NW	.4	.1	.5	.3	.5							1.8	10.3
NNW	.5	1.5	.9	.8	.2							3.9	7.8
VARBL													
CALM												25.4	
	13.7	17.9	19.7	17.2	4.4	1.1	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	2.8	.8								6.8	7.1
NNE	1.8	2.1	1.3	.2								5.5	5.1
NE	2.0	1.6	1.6	.4								5.7	5.9
ENE	.7	1.7	2.5	.7								5.7	7.3
E	1.3	1.3	2.4	.7								5.8	6.9
ESE	.1	1.1	.6	.8	.4							3.0	7.0
SE	.4	.9	2.0	2.2	.4							6.0	10.2
SSE	.6	.4	1.0	2.5	.3	.1						5.0	13.0
S	.4	1.3	1.1	3.2	1.7	1.0						8.8	13.5
SSW	.7	.8	1.4	3.7	.9	.1						7.7	11.7
SW	1.1	1.1	.7	.8	.4							4.1	8.3
WSW	.2	.9	1.2	.3								2.6	7.2
W	.5	.9	.8	.5	.1							2.8	7.2
WNW	.3	.6	.4	.5	.2							2.0	8.9
NW	.4	.2	.6	1.1	.4							2.7	10.7
NNW	.7	1.4	1.6	1.1	.2							5.2	8.4
VARBL													
CALM												20.6	
	12.4	19.5	22.3	19.7	5.2	1.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	3.7	2.2								7.5	9.2
NNE	.9	.7	2.8	1.9	.1							5.5	9.5
NE	.5	2.3	1.6	1.1								5.4	7.5
ENE	.7	1.7	1.2	1.5								5.2	7.9
E	.2	1.3	3.9	1.6	.4							7.3	8.8
ESE	.4	.9	2.1	.3	.4	.1						4.3	9.5
SE	.6	.6	1.5	1.6	.3	.1						4.8	10.0
SSE	.2	1.3	1.5	2.2	.9	.3						6.4	11.5
S	.7	.7	1.9	4.3	1.7	1.1	.4					11.0	14.2
SSW	.7	.5	.7	2.3	4.3	1.2	.1					9.8	13.8
SW	.5	1.0	1.3	2.5	1.6	.1						7.1	12.0
WSW	1.1	1.9	.9	1.2	.3	.2						5.7	8.4
W	.5	.7	.8	.7	.4							3.1	9.4
WNW		.5	.9	.8	.3	.1						2.6	11.3
NW		.3	1.4	1.8	.5							4.0	11.7
NNW	.3	.4	2.6	1.4	.6	.2						5.6	11.1
VARBL													
CALM												3.0	
	7.7	16.6	29.1	27.6	12.0	3.3	.5					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (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	.2	1.1	3.7	2.1	.1							6.3	9.7
NNE	.5	.9	2.6	1.9								5.9	8.8
NE	.5	1.1	1.9	.8								4.3	7.9
ENE	.1	1.3	2.9	1.4	.1							5.8	9.1
E	.4	1.1	2.5	1.8	.2							6.1	9.6
ESE	.3	1.0	1.1	.4	.1							2.9	7.9
SE	.1	.6	1.8	1.3	.6							4.4	11.1
SSE	.7	1.2	1.5	2.1	.9	.1						6.6	10.4
S	.6	1.3	2.9	4.6	2.9	1.7		.1				14.2	13.9
SSW	.6	.4	1.6	2.3	2.8	2.0	.3					10.1	15.9
SW	.3	.8	1.2	2.1	1.1	.5						6.1	12.6
WSW	.3	.6	1.4	2.0	.3	.4						5.1	11.0
W	.4	1.0	1.7	2.2	.1	.1						5.6	9.8
WNW		.6	1.1	1.8	.2	.1						3.8	11.3
NW		.6	1.8	2.2	.4	.1						5.2	11.7
NNW	.2	.7	2.9	1.5	.5	.2						6.1	10.7
VARBL													
CALM												1.1	
	5.3	14.5	32.4	33.7	10.4	5.3	.3	.1				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 13-17Z (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	1.4	3.9	2.5	.1		.1					7.6	10.[illegible]
NNE	.7	1.3	1.3	1.2	.[illegible]							4.9	[illegible]
NE	.5	1.5	1.7	1.2								[illegible]	[illegible]
ENE	.8	1.0	2.4	.5								4.[illegible]	7.3
E	.3	1.1	2.7	1.9		.1						[illegible]	[illegible]
ESE	.2	1.1	.9	.6	.[illegible]							[illegible]	[illegible]
SE	.2	.5	2.3	2.3	.6	.2	.1					.[illegible]	12.[illegible]
SSE		.6	[illegible].1	2.2	.5							.[illegible]	10.[illegible]
S	.1	.7	2.[illegible]	5.0	3.4	.6	.1					12.1	[illegible].4
SSW	.[illegible]	.7	1.5	2.8	2.9	2.0	.1					10.4	15.6
SW		.6	1.3	1.5	1.2	.1						4.[illegible]	13.[illegible]
WSW	.2	1.4	1.3	1.3	.[illegible]	.[illegible]						[illegible].[illegible]	10.[illegible]
W	.4	.8	1.6	1.3	.4							4.6	[illegible].[illegible]
WNW	.1	.6	1.[illegible]	2.2	.9	.1						[illegible].[illegible]	12.3
NW	.[illegible]	1.4	1.1	2.1	.[illegible]	.1						[illegible].5	10.[illegible]
NNW	.2	.[illegible]	2.0	2.2	.4							[illegible].5	10.[illegible]
VARBL													
CALM												.[illegible]	
	4.3	15.7	30.3	31.2	12.3	3.4	.4					1[illegible].[illegible]	11.

TOTAL NUMBER OF OBSERVATIONS [illegible]89

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13 47	MARSHALL AAF KS	66-71,75-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (L.S.T.)
1200-2 0

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	3.4	1.1								7.4	7.4
NNE	.9	1.2	1.4	1.2	.2							4.9	[illegible]
NE	.4	1.3	1.2	.4	.2							3.3	7.3
ENE	.8	2.4	1.2	.2	.1							4.7	5.6
E	1.5	2.7	2.3	1.7	.1							8.4	7.0
ESE	.7	1.6	1.3	1.3	.2							[illegible]	[illegible]
SE	.7	.8	1.9	1.0	.1							4.5	6.1
SSE	.5	1.4	3.7	1.6	.3							7.6	[illegible]
S	.4	1.6	3.7	5.7	2.2	.2		.1				13.7	12.0
SSW	1.2	1.6	1.4	2.4	.6	.2						7.6	9.4
SW	.5	1.4	.3	.5	.1							2.9	7.1
WSW	.2	.4	.2	.1	.1	.2						1.2	5.5
W	1.0	1.0	[illegible]	.5	.2	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.7	7.1
WNW	.2	1.4	1.0	1.0								4.2	7.5
NW	.8	1.3	1.0	1.2	.4							4.7	8.7
NNW	.6	1.3	1.2	1.0	.2							4.9	8.3
VARBL													
CALM												11.3	
	12.0	23.5	26.5	21.0	4.7	.2		.1				1[illegible].3	7.7

TOTAL NUMBER OF OBSERVATIONS 59[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 MARSHALL AAF KS 66-71,75-79 APR

STATION STATION NAME YEARS MONTH

ALL WEATHER 0100-2300

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	1.4	1.6	1.4	.7								5.2	6.5
NNE	1.5	2.0	1.0	1.2								5.6	8.4
NE	1.9	1.0	.8	.4								4.1	5.7
ENE	1.0	1.7	1.1	.8								4.7	6.6
E	1.1	1.7	1.8	.9	.2							5.8	7.5
ESE	1.6	2.6	1.7			.1						6.1	5.6
SE	.3	1.8	2.3	.6	.1							5.2	7.6
SSE	.1	1.3	3.3	2.7	.7	.1						8.3	10.6
S	.3	.8	2.7	5.4	1.5	.1						10.8	12.4
SSW	.2	1.9	1.3	1.2	.7	.2						6.2	9.3
SW	1.1	.5	.7	.3								2.6	5.6
WSW	.7	.6	.3									1.6	4.7
W	.3	.5		.4	.3							1.5	9.3
WNW	.2	.4	.4	.3								1.3	6.1
NW	.2	.4	.3	.6	.2	.1						1.7	11.1
NNW	.3	.7	.9	.6								2.5	8.3
VARBL													
CALM												25.5	
	12.9	19.7	20.2	16.2	3.8	.5						100.2	6.1

TOTAL NUMBER OF OBSERVATIONS 985

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	2.8	1.4	.1		.0					5.7	8.1
NNE	1.3	1.5	1.7	1.1	.1							5.6	7.1
NE	1.2	1.4	1.6	.6	.1	.0						4.9	6.6
ENE	.8	1.6	1.9	.8	.0							5.1	7.2
E	.9	1.5	2.3	1.4	.1	.0						6.1	8.1
ESE	.6	1.3	1.3	.6	.2	.0						4.3	7.6
SE	.4	.9	1.7	1.7	.3	.0	.0					5.3	10.0
SSE	.3	.9	2.1	2.3	.6	.1						6.3	10.9
S	.4	1.9	2.3	4.4	2.3	.8	.1	.0				11.4	13.4
SSW	.8	1.9	1.3	2.5	1.6	.7	.1					8.1	12.8
SW	.7	1.3	.8	1.1	.6	.1						4.3	9.8
WSW	.6	1.0	.9	.7	.2	.1						3.6	8.6
W	.5	.8	.8	.8	.2	.0						3.1	7.8
WNW	.3	.6	.8	.9	.3	.0						2.9	10.0
NW	.3	.6	.9	1.3	.4	.1						3.5	10.9
NNW	.4	.9	1.8	1.2	.3	.1						4.7	9.5
VARBL													
CALM												14.5	
	10.3	17.8	25.1	22.7	7.4	2.1	.2	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 7912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1747	MARSHALL AAF KS	56-71,75-79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]-2[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.6	1.2	.3								4.6	5.4
NNE	1.8	1.8	1.6	.2								5.3	5.2
NE	1.9	1.7	.7									4.2	4.2
ENE	1.0	1.1	1.0	.2								3.2	5.6
E	1.5	2.3	1.6	.2								5.5	5.8
ESE	.9	.8	.5	.2	.1							2.5	5.2
SE	.5	1.9	2.4	.8	.1	.1						5.7	7.7
SSE	.5	1.3	2.9	1.5	.1	.2						6.5	8.9
S	.8	2.1	3.2	6.5	.7	.2	.3					13.7	11.4
SSW	1.3	1.9	1.7	.6	.3							5.7	7.2
SW	1.5	1.3	.6	.7	.1							4.1	6.3
WSW	1.5	1.0	.3	.2								2.9	4.4
W	.5	1.0	.6									2.1	5.4
WNW	.1	.3	.4	.1								.9	7.1
NW	.1	.4	.5	.2								1.2	7.2
NNW	.3	.9	.7	.3	.1							2.3	7.6
VARBL													
CALM												29.6	
	15.9	21.0	19.7	11.9	1.5	.5	.3					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1619

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1300-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.3	.6								4.1	6.5
NNE	2.5	1.3	1.4	.4								5.5	5.3
NE	1.7	1.4	.9									4.0	4.7
ENE	1.2	1.5	.9	.3								3.8	5.3
E	1.3	1.6	1.1	.1	.1							4.1	5.5
ESE	.6	.7	1.0	.1	.1							2.5	6.3
SE	.9	1.8	1.3	.5		.1						4.5	6.3
SSE	.7	1.4	2.0	1.0	.2							4.7	8.9
S	1.5	2.3	3.6	3.0	.8	.1						11.3	9.2
SSW	2.5	1.8	1.2	1.5	.4	.1						7.4	7.3
SW	1.8	1.5	.7	.4								4.3	5.0
WSW	.6	1.2	.3	.4								2.5	5.9
W	.6	.9	.9	.2								2.6	6.0
WNW		.4	.5									.9	6.3
NW	.1	.5	.5	.3								1.4	7.5
NNW	.8	1.2	.8	.1								2.9	5.4
VARBL													
CALM												73.8	
	17.2	20.2	18.2	8.8	1.6	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1019

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	2.3	.8								5.1	6.9
NNE	1.2	1.3	1.3	.4								4.7	5.6
NE	1.9	1.3	1.6	.1								5.0	5.2
ENE	1.3	1.1	1.6	.3								4.4	5.9
E	.9	.8	1.7	.6	.1							3.6	7.2
ESE	.8	.8	.3	.4								2.3	5.3
SE	.7	1.4	.9	1.0								3.9	7.3
SSE	1.1	1.4	1.8	1.0								5.2	7.3
S	1.2	1.9	2.7	4.0	1.0							10.8	10.0
SSW	1.6	2.0	2.8	1.7	.4							8.4	8.1
SW	1.4	2.0	1.2	.5	.1							5.1	6.1
WSW	.9	1.3	1.3	.1								3.5	5.7
W	.9	.7	.8									2.3	5.0
WNW	.4	.9	1.2	.1								2.5	6.5
NW	.4	.3	1.0	.1	.1							1.9	7.6
NNW	.6	1.3	1.4	.2								3.4	6.4
VARBL													
CALM												26.9	
	16.6	20.1	23.6	11.2	1.7							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (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	1.3	2.2	3.5	1.4								8.4	7.4
NNE	1.6	1.0	1.5	.4								4.4	5.3
NE	1.2	1.3	2.5	.4								5.3	6.1
ENE	.6	.9	2.6	.5								4.6	7.3
E	1.0	1.6	1.7	.7	.2							5.1	7.3
ESE	.4	1.3	1.9	.7	.1							4.3	7.9
SE	.5	.8	1.0	1.1	.1							3.4	8.5
SSE	.9	1.7	1.7	1.4	.3							5.9	8.5
S	.7	1.4	4.0	5.6	1.9	.2						13.7	11.6
SSW	.3	1.5	2.5	4.3	1.1	.5						10.2	11.9
SW	.8	1.6	2.2	2.7	.5							7.7	9.8
WSW	.6	1.7	2.2	.9								5.5	7.3
W	.9	1.7	1.7	.6								4.5	6.4
WNW	.4	.1	1.5	1.0								2.9	9.3
NW	.3	.6	1.1	.7	.1							2.7	8.6
NNW	.2	1.7	1.7	.8								4.3	7.7
VARBL													
CALM												6.8	
	11.6	21.2	32.5	23.0	4.2	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	2.9	2.0								8.6	7.9
NNE	.6	1.5	1.6	.4								4.0	6.5
NE	1.1	2.1	1.7	.6								5.4	6.2
ENE	.6	1.7	1.6	.4								4.2	6.7
E	.5	1.6	2.4	.5								5.0	7.2
ESE	.2	1.5	.9	.6								3.1	7.2
SE	.5	.8	1.8	1.0	.1							4.1	8.3
SSE	1.0	1.3	2.2	1.4	.3	.1	.1					6.4	9.3
S	.7	1.8	4.6	8.2	1.8	.3						17.3	11.6
SSW	.3	1.0	2.9	3.6	2.3	.7						10.9	13.3
SW	.5	1.1	2.3	2.8	.7	.1						7.5	10.4
WSW	.5	1.5	1.5	1.3	.3							5.0	8.8
W	.4	1.4	2.0	.8	.2							4.8	8.4
WNW	.2	.4	1.0	.5	.2							2.2	9.3
NW	.7	.7	1.7	1.3								4.3	8.4
NNW	.2	.9	1.4	1.4								3.8	9.1
VARBL													
CALM												3.4	
	9.0	21.4	32.4	26.6	6.0	1.2	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
15?0-17?? — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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	3.5	.9	.1							8.1	7.3
NNE	1.0	1.7	1.5	.2								4.3	6.1
NE	.6	2.0	1.9	.6								5.0	6.9
ENE	.7	1.9	1.6	.6								4.7	6.8
E	1.3	1.4	1.9	.6								5.1	6.7
ESE	.6	.4	1.7	.4	.1							3.1	7.6
SE	.3	.9	2.4	.9	.1							4.5	8.6
SSE	.3	1.6	2.6	2.5	.3							7.3	9.9
S	.5	2.0	5.0	7.1	2.1	.5						17.0	11.6
SSW	.7	.9	2.0	4.1	1.5	.5						9.6	12.2
SW	.4	1.5	1.8	1.2	.3	.3						5.4	9.7
WSW	.4	1.0	1.2	.9								3.4	8.1
W	.8	1.7	2.0	1.1	.4							5.9	8.1
WNW	.7	.7	2.1	.7	.4	.1						4.2	9.7
NW	.3	.6	1.9	.7	.3							3.7	9.1
NNW	.3	1.1	1.6	1.5	.1							4.5	9.1
VARBL													
CALM												4.0	
	9.4	21.5	34.3	23.8	5.6	1.4						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-2100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.8	2.2	.5								5.4	6.5
NNE	1.5	.9	1.2	.7	.1							4.3	6.5
NE	1.9	2.4	1.9	.1								6.1	5.7
ENE	.9	2.3	1.2	.3	.1							4.7	6.2
E	1.0	2.5	.8	.3								4.5	5.5
ESE	1.2	1.4	.1	.3								2.9	4.7
SE	1.0	2.4	2.4	.2	.1							6.0	6.3
SSE	1.3	3.1	3.5	1.6	.3	.1						9.9	7.7
S	1.6	3.5	4.7	4.9	1.0	.2						15.9	9.5
SSW	1.1	2.4	1.8	1.4	.3							6.9	7.9
SW	1.0	1.6	.8	.2	.1							3.6	6.0
WSW	.5	1.2	.4									2.1	4.8
W	.9	.7	.8	.3	.1							2.7	6.4
WNW	1.0	.9	1.3	.1	.1							3.3	6.3
NW	.5	.6	1.3	.3								2.6	7.5
NNW	.3	1.7	1.0	.7								3.6	7.4
VARBL													
CALM												15.3	
	16.3	29.0	25.1	11.8	2.2	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

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

12947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	1.2	.1								4.3	5.7
NNE	1.3	1.7	.7	.3	.3							4.3	6.1
NE	.7	1.9	1.4									3.9	5.6
ENE	1.1	1.5	.8	.2	.1							3.6	5.5
E	1.5	2.0	.7	.2								4.3	4.9
ESE	1.2	1.4	.5	.1	.1							3.2	5.2
SE	1.0	2.2	2.7	.6								6.5	5.7
SSE	.8	2.5	4.0	3.4	.5	.3						11.6	7.4
S	1.3	2.3	3.6	3.3	.7	.1						11.3	9.6
SSW	1.4	1.7	1.0	1.0	.2							5.2	7.2
SW	1.4	2.1	.5	.3								4.2	4.9
WSW	.4	.3	.3	.1								1.1	6.0
W	.5	.6	.2	.1	.2							1.6	6.2
WNW	.2	.4	.4									1.0	6.3
NW	.2	.5	.3	.2								1.2	6.8
NNW	.3	.5	1.4	.5								2.6	8.1
VARBL													
CALM												30.6	
	14.0	22.9	19.6	10.4	2.1	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1029

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	2.3	.8	.2							6.2	6.9
NNE	1.5	1.4	1.3	.4	.1							4.6	5.8
NE	1.3	1.8	1.5	.2								4.8	5.5
ENE	.9	1.5	1.4	.3	.0							4.2	6.2
E	1.1	1.7	1.4	.4	.0							4.7	6.1
ESE	.7	1.0	.8	.3	.1							2.8	6.5
SE	.7	1.5	1.8	.7	.1	.0						4.8	7.4
SSE	.7	1.8	2.6	1.7	.2	.1	.0					7.2	8.8
S	1.0	2.1	3.9	5.3	1.2	.2	.0					13.8	10.7
SSW	1.1	1.6	2.0	2.3	.8	.2						8.0	9.9
SW	1.1	1.6	1.7	1.1	.2	.0						5.3	7.6
WSW	.7	1.1	.9	.5	.0							3.2	6.2
W	.7	1.1	1.1	.4	.1							3.3	6.9
WNW	.3	.5	1.0	.3	.1	.0						2.3	8.0
NW	.3	.5	1.0	.5	.1							2.4	8.1
NNW	.4	1.1	1.2	.7	.0							3.4	7.7
VARBL													
CALM												13.8	
	17.7	22.2	25.7	15.9	3.1	.6	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5166

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.0	.4								2.4	8.5
NNE	.6	.7	.4									1.7	4.5
NE	1.5	1.0	.3	.1								2.9	4.5
ENE	.7	1.1	.3									2.1	4.1
E	.7	.6	.6	.2								2.1	5.8
ESE	.6	1.2	.3	.2								2.3	5.5
SE	.7	1.8	1.7	.7	.1							5.1	7.3
SSE	.6	1.9	3.6	2.7	.9							9.8	9.7
S	1.2	2.9	5.6	8.3	1.6	.2						19.8	11.3
SSW	1.1	1.5	1.8	1.8	.3							6.7	8.1
SW	1.1	.7	.7	.2	.2	.1						3.0	7.0
WSW	.4	.3	.2	.1	.1							1.1	6.5
W	.2	.4	.6	.2								1.4	7.1
WNW	.2	.2	.2									.6	5.5
NW	.2	.2	.4	.1								.9	7.0
NNW	.6	1.2	.1	.1								2.0	5.1
VARBL													
CALM												35.4	
	11.3	16.7	17.9	15.2	3.2	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 585

USAFETAC GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 | MARSHALL AAF KS | 66-71,75-79 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

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 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.5	.6	.4								4.1	6.2
NNE	1.7	.6	.7	.1								2.1	5.0
NE	1.9	1.4	.4									3.7	5.4
ENE	.3	.5	.3									.9	6.3
E	1.7	1.5	.5									3.8	6.7
ESE	1.1	.9	1.1	.2								3.3	5.9
SE	.4	1.2	.7	.2								2.5	6.1
SSE	.7	1.1	2.2	3.0	.4	.1						7.5	11.3
S	2.6	2.5	4.9	5.1	2.1	.1						17.3	9.6
SSW	1.7	2.4	2.4	.7	.2							7.5	8.8
SW	1.5	1.9	.9	.1	.3							4.7	5.6
WSW	.6	1.1	.3	.2		.1						2.3	5.1
W	.2	.4	.5	.1								1.2	5.5
WNW	.5	.3	.3	.2								1.3	5.1
NW	.2	.3	.3		.1							.9	7.1
NNW	.3	.4	.6									1.3	5.8
VARBL													
CALM												3.3	
	15.1	18.0	16.4	9.3	3.0	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 697

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 MARSHALL AAF KS 66-71,75-79 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	1.1	.5								3.9	6.2
NNE	1.1	1.2	.5	.1								2.9	4.7
NE	1.3	1.7	.3	.2								3.5	4.5
ENE	1.8	.8	.6	.1	.1							3.5	5.1
E	.8	.9	.5	.2								2.3	5.4
ESE	.5	.9	.8	.1	.1							2.4	6.2
SE	.2	1.7	1.8	.6	.1							4.5	7.7
SSE	.8	.9	2.7	1.6	.3	.1						6.3	9.7
S	1.9	2.8	4.5	6.0	1.8	.3						17.4	10.4
SSW	1.4	2.7	3.6	3.5	.1							11.4	8.6
SW	2.2	2.3	1.3									5.9	4.7
WSW	.4	1.2	.4	.3								2.3	5.6
W	.7	1.2	.5	.1								2.5	5.5
WNW	.2	.7	.1	.1								1.1	5.2
NW	.3	.3	.3									.9	5.4
NNW	.3	.9	.8	.1								2.1	6.1
VARBL													
CALM												28.3	
	14.1	21.6	19.4	13.6	2.6	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	66-71,75-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	2.8	.6								6.1	7.[illegible]
NNE	.3	1.5	1.5	.1								3.4	6.7
NE	.5	1.3	1.0									2.8	5.[illegible]
ENE	.4	1.1	1.1	.1								2.7	5.4
E	.8	1.0	1.5	.2								3.5	5.4
ESE	.4	1.4	.6	.3	.2							2.9	5.9
SE	.4	.5	.9	.9	.3							3.0	9.4
SSE	.5	1.6	2.3	3.3	.6							8.4	10.1
S	.9	2.5	6.6	7.8	3.4	.2	.1					21.6	11.7
SSW	.9	1.8	5.3	5.9	1.4	.3						15.6	10.5
SW	1.0	1.2	3.0	.9	.3							6.4	8.3
WSW	1.0	2.5	1.7	.3	.1							5.7	6.3
W	.6	1.0	.2	.3								3.0	5.7
WNW	.3	.3	.5	.4								1.5	7.1
NW	.3	.5	.4	.5								1.7	8.1
NNW	.3	1.1	1.3	.4								3.1	7.1
VARBL													
CALM												3.4	
	9.8	21.4	31.5	22.1	6.3	.5	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 12-18 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	3.6	.2								6.3	7.1
NNE	.1	.9	2.5	.1								3.6	7.3
NE	1.0	.9	1.0	.1								3.0	5.6
ENE	.6	1.6	1.0									3.2	5.3
E	.9	1.4	1.2									3.5	5.5
ESE	.2	.8	1.5	.5	.1							3.1	5.7
SE	.5	1.1	2.0	1.3	.1							5.1	5.7
SSE	.8	1.8	3.4	3.9	.6							10.6	7.2
S	1.2	3.1	6.2	11.3	4.0	1.4						27.3	12.3
SSW	.6	1.9	3.8	4.8	1.3	.1						12.6	11.2
SW	.5	1.3	2.2	1.3	.2							5.6	8.7
WSW	.3	1.4	.8	.2								2.7	5.4
W	.3	.6	1.0	.2			.1					2.2	7.2
WNW	.5	.7	.7	.5								2.4	6.7
NW	.3	.7	.9	.5								2.4	7.8
NNW	.3	1.0	1.6	.2								3.1	7.2
VARBL													
CALM												4.3	
	8.8	21.3	33.7	24.2	6.4	1.5	.1					100.3	9.1

TOTAL NUMBER OF OBSERVATIONS 988

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747	MARSHALL AAF KS	66-71,75-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]-17[illegible]
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	1.1	1.2	2.4	.6								[illegible]	[illegible]
NNE	.7	1.4	2.3	.2								4.7	[illegible].7
NE	1.1	1.2	1.5	.3								4.1	[illegible]
ENE	.6	2.1	.4	.1								[illegible]	[illegible]
E	.7	2.0	1.6	.2								4.5	[illegible]
ESE	.4	2.0	1.1	.4								4.4	[illegible]
SE	.2	.3	1.6	1.4								4.1	[illegible].1
SSE	.9	1.9	4.0	4.3	.9							12.0	[illegible]
S	.8	2.3	8.4	12.3	4.7	.7						29.3	12.3
SSW	.8	1.2	2.7	2.8	.9	.1						8.6	[illegible]
SW	.4	.8	.9	.5	.3	.1						[illegible]	[illegible]
WSW	.1	.4	.4	.2								1.1	[illegible]
W	.5	.7	.8	.1								[illegible].1	[illegible]
WNW	.4	.8	.4	.3								1.9	[illegible]
NW	.6	1.3	1.0	.2								[illegible].1	[illegible]
NNW	.8	1.5	1.5	.4								4.3	[illegible]
VARBL													
CALM												[illegible].4	
	10.2	22.6	31.3	24.8	6.3	.9						[illegible]	[illegible].9

TOTAL NUMBER OF OBSERVATIONS [illegible]98

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1800-2100 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.5	.2	.1							4.6	5.0
NNE	1.1	1.8	.8									3.7	4.7
NE	1.7	1.0	1.2									4.0	4.6
ENE	1.2	1.3	1.1	.1								3.6	5.0
E	1.2	3.2	.7	.1								5.2	4.9
ESE	1.0	1.4	1.0	.3								3.8	5.5
SE	.9	2.5	1.2	1.4	.1	.1						6.3	7.5
SSE	1.3	4.9	6.0	4.2	2.0							18.4	9.4
S	1.3	4.2	8.4	7.9	2.1	.1						24.1	10.2
SSW	.5	.9	1.6	.6								3.7	7.6
SW	.2	.3	.5			.1						1.1	5.1
WSW	.1											.1	2.0
W	.4	.3	.2									.9	4.7
WNW	.4	.3	.4	.1								1.2	6.1
NW	.6	.8	.3	.1								1.8	4.9
NNW	1.3	1.0	.5	.3								3.2	5.2
VARBL													
CALM												14.2	
	14.5	25.6	25.6	15.3	4.4	.3						100.2	6.7

TOTAL NUMBER OF OBSERVATIONS 984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
0100-2200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6	.7	.3								2.6	5.6
NNE	.9	1.0	1.0	.1								3.0	5.2
NE	1.2	1.1	.7	.2								3.2	4.8
ENE	1.2	1.1	.5	.1								2.9	4.5
E	1.1	1.3	.5	.1								3.0	4.9
ESE	1.7	2.0	.6	.2								4.5	4.5
SE	.9	3.8	2.2	.7	.1							7.7	6.6
SSE	1.1	2.9	7.9	5.8	1.2	.1						19.1	9.9
S	.9	1.5	4.4	7.7	2.5	.2						16.7	11.4
SSW	.7	.8	.8		.2							2.5	6.9
SW	.6	1.3	.3	.3	.1							2.6	5.2
WSW	.2	.1	.1	.2								.6	7.7
W		.4	.1									.5	5.4
WNW	.2		.2	.2								.6	3.3
NW	.2	.4	.4	.2								1.2	6.5
NNW	.5		.4	.1	.1							1.1	7.3
VARBL													
CALM												27.6	
	12.6	18.5	20.9	16.2	3.8	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 986

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATS WEATHER SERVICE/MAC

SURFACE WINDS

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

12947 STATION | MARSHALL AAF KS STATION NAME | 65-71,75-79 YEARS | JUN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	1.7	.4	.1							4.6	5.3
NNE	.8	1.2	1.2	.1								3.2	5.0
NE	1.3	1.2	.8	.1								3.4	5.0
ENE	.8	1.2	.7	.1	.0							2.7	5.3
E	.9	1.5	.9	.1								3.4	5.5
ESE	.7	1.3	.9	.3	.1							3.4	6.2
SE	.5	1.7	1.5	.9	.1	.0						4.8	7.7
SSE	.8	2.1	4.0	3.5	.9	.0						11.3	7.5
S	1.4	2.7	6.1	9.2	2.7	.4	.0					21.6	11.3
SSW	1.0	1.7	2.9	2.5	.6	.1						8.6	9.4
SW	.9	1.2	1.2	.4	.2	.0						4.1	7.1
WSW	.4	.9	.5	.2	.0	.0						2.0	6.4
W	.4	.6	.6	.1			.0					1.7	6.1
WNW	.3	.4	.4	.2								1.3	5.4
NW	.3	.5	.5	.2	.0							1.6	6.6
NNW	.6	.9	.9	.2	.0							2.5	6.3
VARBL													
CALM												19.8	
	12.2	20.7	24.6	17.6	4.6	.6	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.7	.6		.1	.1						2.5	6.2
NNE	2.1	.5	.1		.1							2.8	3.4
NE	.7	1.5	.7									2.8	5.2
ENE	1.4	1.3	.5	.1								3.2	4.5
E	1.1	2.5	.6	.1	.1							4.3	5.1
ESE	.3	1.5	.7									2.5	5.8
SE	.5	2.2	1.8	.6								5.2	6.7
SSE	.4	1.4	4.3	2.0								8.1	8.5
S	1.3	3.8	5.3	8.1	.5							19.0	10.0
SSW	1.8	2.3	4.6	1.5								10.1	7.3
SW	1.6	.9	.2	.1								2.8	4.1
WSW	.2	.4										.5	4.5
W		.3	.1									.4	6.5
WNW	.1											.1	2.0
NW	.2		.2									.4	5.3
NNW	.4	.4		.1								.9	4.4
VARBL													
CALM												34.7	
	12.9	19.4	19.6	12.5	.8	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1312

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0300-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.3	.2								2.3	5.0
NNE	1.9	.7	.5									3.0	3.5
NE	1.5	.8	.6	.1	.1							3.0	5.9
ENE	1.6	1.0	.4	.1								3.0	4.5
E	.5	.7	.3	.1								1.6	4.9
ESE	.4	1.4	.8	.1								2.6	5.4
SE	.5	.6	1.5	.1								2.7	5.9
SSE	.5	1.2	1.6	.3								3.5	6.6
S	2.7	3.1	4.3	3.1	.3	.1						13.7	6.0
SSW	3.4	5.1	2.9	1.5								12.9	5.6
SW	2.3	1.9	.9	.1								5.2	4.3
WSW	1.5	.8	.2									2.4	3.6
W	.4	.4										.8	3.5
WNW	.1											.1	2.0
NW		.3	.3									.6	7.2
NNW	.2	.2	.1									.5	4.5
VARBL													
CALM												42.0	
	18.5	13.7	14.7	5.7	.4	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-73,74-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.9	.6		.1							3.1	4.5
NNE	3.0	1.1	.8									4.9	3.7
NE	1.8	2.2	1.3									5.2	4.3
ENE	.8	2.0	.7									3.4	3.3
E	1.3	1.2	.3	.4								3.7	3.1
ESE	.5	.8	.5	.2								2.0	5.9
SE	.3	.7	.8	.2	.1							2.1	7.3
SSE	1.1	1.4	1.2	.4								4.3	5.9
S	2.0	3.1	3.7	2.9	.8							12.4	5.3
SSW	3.0	4.7	5.2	2.9	.1	.1						15.1	7.1
SW	1.9	3.1	2.3	.5								7.8	5.7
WSW	1.6	1.1	.2									2.9	3.8
W	.9	.1										1.0	2.6
WNW	.2	.2										.4	3.0
NW	.2											.3	2.3
NNW	.3	.5	.1									.9	4.6
VARBL													
CALM												27.9	
	20.4	23.6	17.6	7.6	.9	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1019

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13997 MARSHALL AAF KS 66-75,74-79 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-1100
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	1.4	.7	1.2	.4								3.6	5.7
NNE	.6	2.0	1.5	.1								4.1	5.8
NE	.7	1.7	2.5	.2								5.2	6.2
ENE	.9	2.4	1.1	.2								4.5	5.5
E	.8	1.7	1.9	.4								4.7	6.6
ESE	.8	1.4	1.2	.6	.1							4.3	7.3
SE	.4	.9	1.8	.5								3.5	7.4
SSE	.6	1.7	1.6	.8	.1							4.7	7.6
S	1.4	3.9	5.1	3.3	1.1							14.8	8.7
SSW	.6	3.7	7.0	7.3	1.7							18.6	10.3
SW	.3	2.9	4.1	2.9	.1							10.4	8.9
WSW	1.2	1.3	2.1	.4								5.4	6.3
W	1.5	2.1	.4									3.9	4.3
WNW	.1	.8										.9	5.0
NW	.4	.1	.6									1.1	5.7
NNW	1.5	.7	.3	.4								2.9	5.1
VARBL													
CALM												7.5	
	12.1	27.5	32.1	17.5	2.4							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1020

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17-47	MARSHALL AAF KS	66-70,74-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.8	1.3	.6								5.6	6.1
NNE	.7	1.7	2.3	.2								4.9	6.7
NE	.7	2.3	1.2	.1								4.2	5.5
ENE	.7	1.4	1.8	.2								4.1	6.1
E	1.0	3.0	2.5	.2								6.7	6.3
ESE	.4	2.3	1.3	.2								4.1	6.2
SE	.5	1.3	2.4	.5								4.8	7.1
SSE	.7	3.1	2.8	.9								7.5	8.3
S	1.4	2.8	7.7	7.4	1.1	.1						20.4	9.4
SSW	.8	2.4	4.3	7.3	1.8	.1						16.3	11.3
SW	.1	1.4	2.1	1.8								5.2	9.2
WSW	1.4	1.5	1.1	.6								4.5	6.3
W	.8	.8	.4									2.0	4.3
WNW	.3	.5	.1									.9	4.1
NW	.5	1.0	.4	.1								2.0	5.2
NNW	.4	1.1	1.0	.2								2.7	6.2
VARBL													
CALM												4.3	
	10.8	29.3	32.4	20.1	2.9	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1018

...L CLIMATOLOGY BRANCH
...TAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747	MARSHALL AAF KS	66-7[illegible], 74-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]-17
HOURS (L.S.T.)

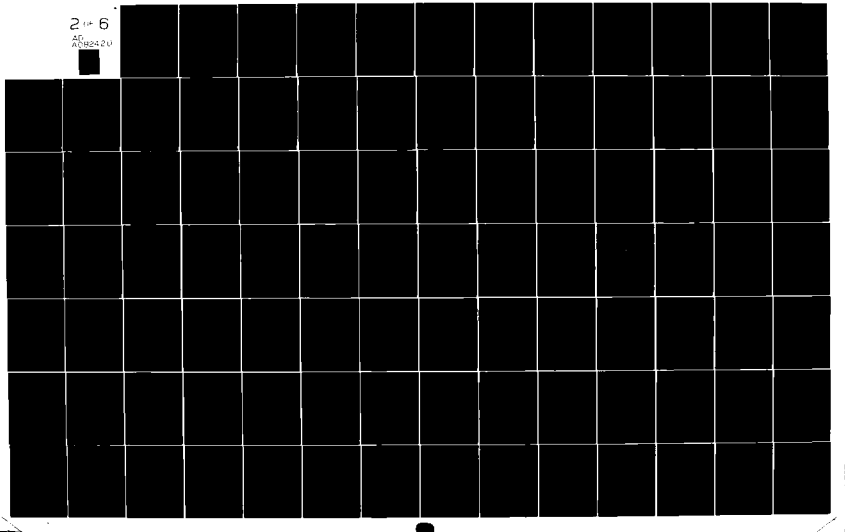
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]	1.[illegible]	.2								4.1	[illegible].6
NNE	1.6	2.4	2.[illegible]	.3								[illegible].2	[illegible]
NE	1.1	3.1	1.7	.3								[illegible].2	[illegible]
ENE	1.1	2.1	1.4	.3								4.[illegible]	[illegible].[illegible]
E	.6	2.3	2.1	.3								[illegible].[illegible]	[illegible].[illegible]
ESE	.8	2.[illegible]	1.8	.2								4.7	[illegible].[illegible]
SE	1.1	2.5	2.2	.6								[illegible].3	[illegible].3
SSE	.7	3.6	4.7	1.7								10.7	7.[illegible]
S	.6	4.1	7.5	9.0	2.6							23.[illegible]	10.[illegible]
SSW	.4	1.2	2.7	5.8	.5	.1						10.7	11.4
SW	.1	1.6	2.1	1.3								5.0	[illegible].6
WSW	.6	1.[illegible]	.6		.1							2.3	[illegible].[illegible]
W	.2	.[illegible]	.1									.7	[illegible].7
WNW	.[illegible]	.3	.1									.[illegible]	[illegible].[illegible]
NW	.[illegible]	.7	.4	.1								1.7	[illegible].1
NNW	.7	.9	.2	.1								1.9	4.7
VARBL													
CALM												[illegible].6	
	11.4	29.7	30.5	20.1	2.[illegible]	.1						[illegible]3.[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS [illegible]019

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

AD-A082 420 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MARSHALL AAF, MANHATTAN, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
FEB 80
UNCLASSIFIED USAFETAC/DS-80/028 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70, 74-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.3	.2		.1						3.3	4.7
NNE	1.1	1.6	1.1	.3								4.0	5.4
NE	1.8	2.7	1.2									5.7	4.3
ENE	2.4	3.2	.8									6.4	4.4
E	3.1	2.8	1.9	.2								8.0	4.5
ESE	1.6	2.3	1.4									5.2	5.2
SE	2.0	4.0	1.5	.5								7.9	5.4
SSE	1.1	5.9	5.2	1.0	.1							13.2	7.3
S	2.2	8.0	8.6	6.8	.6							26.1	7.7
SSW	1.2	1.3	1.4	1.1								4.9	7.4
SW	.4	.4	.2		.1							1.1	5.9
WSW	.2		.1		.1							.4	5.3
W			.1	.1		.1						.3	14.3
WNW	.1	.1	.1									.3	6.0
NW	.4	.1										.5	2.4
NNW	.5	.4	.4	.1								1.4	5.6
VARBL													
CALM												17.3	
	19.2	32.1	24.1	10.2	.9	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13547	MARSHALL AAF KS	66-76, 74-79	JUL
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	.3	.5		.2								1.0	5.7
NNE	.7	1.2	.3									2.2	4.5
NE	2.4	1.1	.6									4.1	3.7
ENE	1.3	1.8	.4									3.4	4.4
E	2.5	3.1	.8	.2								6.7	4.4
ESE	2.0	1.6	.9	.1								4.5	4.4
SE	1.0	3.0	2.4	.5								7.3	6.2
SSE	1.1	4.2	7.8	4.0	.1							17.2	8.4
S	.4	1.8	6.5	8.1	1.0							17.7	10.9
SSW	.2	.9	.7	.4	.2							2.4	8.6
SW	.3	.5		.1								.9	5.0
WSW													
W	.1	.2										.3	3.8
WNW													
NW		.1										.1	4.0
NNW	.5	.2	.1	.1								.9	5.2
VARBL													
CALM												31.7	
	12.7	20.1	20.5	13.7	1.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-73,74-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	.7	.2	.0	.0						3.2	5.5
NNE	1.4	1.4	1.1	.1	.0							4.0	5.1
NE	1.3	1.9	1.2	.1	.0							4.6	5.2
ENE	1.3	1.9	.9	.1								4.1	5.0
E	1.4	2.2	1.3	.2	.0							5.1	5.4
ESE	.8	1.6	1.1	.2	.0							3.7	5.7
SE	.8	1.9	1.8	.4	.0							4.9	6.5
SSE	.9	2.8	3.7	1.4	.2							8.5	7.6
S	1.5	3.6	6.1	5.1	.9	.0						18.2	9.5
SSW	1.4	2.6	3.6	3.5	.4	.0						11.5	6.9
SW	.9	1.6	1.5	.8	.0							4.8	7.1
WSW	.6	.9	.5	.1	.0							2.3	5.5
W	.5	.5	.1	.0		.0						1.2	4.4
WNW	.2	.2	.0									.4	4.2
NW	.3	.3	.2	.0								.8	5.1
NNW	.6	.5	.3	.1								1.5	5.3
VARBL													
CALM												21.1	
	14.9	25.1	23.9	13.4	1.5	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 8158

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.1	.2								2.1	4.3
NNE	1.7	1.3	.7	.1								3.8	4.7
NE	1.2	1.8	.9	.1								4.0	5.7
ENE	1.3	1.3	1.0	.1								3.7	5.1
E	1.0	1.1	.9	.1								3.1	5.7
ESE	.7	1.9	.6	.2								3.4	5.5
SE	.4	1.6	1.8	.5	.1							4.3	7.4
SSE	.4	1.7	3.1	2.8	.2							8.1	9.3
S	1.4	1.7	5.6	8.9	1.2							18.8	10.6
SSW	1.8	1.9	2.9	2.3	.2							9.0	8.2
SW	.7	1.8	.8	.1	.1	.1						3.6	5.8
WSW	.6	.5	.2									1.3	3.8
W	.3	.2										.5	3.0
WNW	.3	.1		.1								.5	5.2
NW		.1				.1						.2	14.0
NNW	.5	.6	.1	.1								1.3	4.8
VARBL													
CALM												32.6	
	13.2	18.1	18.6	15.5	1.8	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-73,74-79 (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	1.7	.5	.1	.1	.1							2.5	4.3
NNE	2.5	1.3	.7	.1								4.6	4.0
NE	1.6	1.7	1.1									3.7	4.6
ENE	1.0	1.0	.6									2.6	4.5
E	.9	1.3	.4	.3								2.9	5.1
ESE	.6	.8	.4	.2								2.0	5.3
SE	.4	1.5	1.7	.3								3.9	6.8
SSE	.7	.8	1.2	.6								3.3	6.2
S	2.5	3.3	3.9	3.1	.2							12.6	7.6
SSW	2.1	3.5	4.8	1.2	.2							11.7	7.0
SW	1.5	2.9	1.1	.2								5.7	4.9
WSW	.4	.9	.2	.1								1.5	4.8
W	.7	.1	.1									.9	3.3
WNW	.3	.1										.4	2.3
NW	.4	.3		.1								.8	4.9
NNW	.2	.5	.2	.2	.1							1.2	7.4
VARBL													
CALM												39.9	
	17.4	19.2	16.4	6.4	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1009

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70, 74-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.7	.7									2.8	4.4
NNE	1.6	.9	1.1									3.5	4.6
NE	2.3	1.3	.7	.3								4.5	4.8
ENE	.9	1.5	.9	.1								3.3	5.3
E	1.5	1.3	1.2									3.9	4.8
ESE	.6	.7	.8									2.1	5.5
SE	.9	.8	1.3	.7								3.6	7.3
SSE	.8	1.3	.9	1.2								4.1	7.9
S	2.1	2.0	3.2	2.3	.3							9.8	8.2
SSW	1.4	4.8	5.8	2.1	.1							14.2	7.4
SW	1.8	3.5	2.1	.6								8.0	5.7
WSW	1.5	.7	.2		.1							2.5	4.2
W	.5	.3	.1	.1								1.0	4.4
WNW	.1	.2										.3	5.0
NW	.5		.1									.6	2.3
NNW	.5	.3	.1									.9	4.2
VARBL													
CALM												34.6	
	18.1	20.2	19.1	7.3	.5							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1016

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	66-73,74-79	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	.7	.1								3.4	5.1
NNE	1.4	1.8	1.6	.2								4.9	5.9
NE	1.5	2.2	1.5	.5								5.6	5.6
ENE	.4	1.1	1.2	.3								3.0	6.5
E	.9	1.6	2.5	.3								5.2	5.5
ESE	.5	1.6	1.0	.3								3.4	6.3
SE	1.1	.9	1.6	.7								4.2	6.9
SSE	.6	1.6	1.9	.9	.2							5.1	9.2
S	1.7	2.7	6.1	4.6	1.5							16.6	9.5
SSW	.7	1.9	5.9	7.8	.6	.2						17.1	10.6
SW	1.0	2.4	3.5	3.5								10.3	8.7
WSW	.7	1.9	1.5	.7								4.7	6.8
W	.8	.9	.4	.2								2.3	5.1
WNW	.4	.8	.2	.3								1.7	6.2
NW	.4	.7	.4									1.5	5.1
NNW	.6	.6	.4									1.6	4.6
VARBL													
CALM												9.4	
	13.5	24.0	30.2	20.4	2.3	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1012

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	1.4	.4								4.2	6.2
NNE	.8	2.6	2.7	.9								6.9	7.1
NE	.6	2.8	2.4	.5								6.2	6.6
ENE	.7	1.2	1.0	.2								3.1	6.3
E	.8	2.3	2.0	.2								5.2	6.3
ESE	.4	1.5	1.6	.1								3.6	6.5
SE	.5	1.6	1.6	.8								4.4	7.4
SSE	.7	1.4	2.7	1.9	.1							6.7	8.6
S	.6	2.5	6.6	6.1	2.2	.4						18.5	11.2
SSW	.3	1.5	5.4	7.8	1.3	.2						16.5	11.6
SW	.3	1.3	2.4	2.9	.3							7.1	9.3
WSW	.6	1.0	1.2	.6								3.4	7.3
W	.3	1.3	.7	.2								2.6	5.4
WNW	.4	1.1	.5	.4								2.4	6.6
NW	.4	.7	.5	.2								1.8	6.4
NNW	.4	.7	1.2	.1								2.4	6.3
VARBL													
CALM												4.1	
	9.2	25.4	33.6	23.2	3.6	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1014

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70, 74-79 (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	1.2	2.5	1.8	.8								6.3	5.1
NNE	.9	2.5	2.[illegible]	.5	.1							5.9	6.7
NE	.7	3.1	3.1	.2								7.0	[illegible]
ENE	.[illegible]	1.3	2.3	.3								4.3	7.[illegible]
E	1.[illegible]	2.3	2.9	.6								7.[illegible]	6.6
ESE	.2	1.9	1.[illegible]	.2								3.3	6.5
SE	.[illegible]	2.6	3.2	.6	.1							7.2	7.2
SSE	.4	1.9	3.1	2.7	.1							8.1	9.1
S	.6	2.7	5.4	9.4	1.7	.4						20.2	11.4
SSW	.2	1.8	4.3	5.6	1.[illegible]	.1						13.[illegible]	11.[illegible]
SW	.4	.9	1.2	1.7	.1							4.2	9.6
WSW	.1	.9	.2	.2								1.4	6.[illegible]
W	.6	.5	.3	.1								1.5	5.1
WNW	.6	.5	.2	.2								1.5	5.[illegible]
NW	.4	.5	.5	.2								1.6	6.[illegible]
NNW	.4	1.3	.7	.3								2.7	6.[illegible]
VARBL													
CALM												4.[illegible]	
	9.2	26.9	32.0	23.5	3.1	.5						100.[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS 1,[illegible]12

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70, 74-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 18-21 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.4	.1	.1							4.5	5.3
NNE	1.6	1.8	1.3	.1								4.8	4.9
NE	1.5	1.9	1.0									4.3	4.6
ENE	1.6	2.2	1.3	.1								5.1	5.3
E	2.2	3.1	2.2	.3								7.7	5.3
ESE	.8	2.7	1.0									4.5	5.4
SE	.8	3.8	3.0	.6								8.1	6.9
SSE	.8	4.6	7.0	1.7	.3							14.4	7.3
S	.6	2.9	8.3	7.4	.4	.1						19.7	9.8
SSW	.6	1.2	1.4	1.4	.2							4.8	8.4
SW	.3	.3	.2									.8	5.1
WSW			.1	.1								.2	11.5
W	.4	.2	.2	.2								1.0	6.6
WNW	.4	.2		.2								.8	5.6
NW		.1	.1									.2	7.5
NNW	.3	.2	.3									.9	5.4
VARBL													
CALM												16.3	
	12.3	26.7	28.7	12.2	1.0	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 | MARSHALL AAF KS | 66-70,74-79 | AUG
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

0100-2300
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	.9	.3									2.3	4.2
NNE	1.8	1.6	.5	.1								4.0	4.3
NE	1.0	1.9	.6	.1								3.6	5.2
ENE	.9	1.1	.4									2.3	4.7
E	1.9	2.5	1.4	.1								5.3	4.7
ESE	.9	2.0	1.0	.1								4.0	5.4
SE	1.7	3.6	3.0	1.0								9.2	6.5
SSE	.6	2.6	8.6	5.2	.2							17.2	9.2
S	.3	1.2	4.3	11.3	.9	.2						18.2	12.1
SSW	.5	.7	.4	.3	.1							2.1	6.4
SW	.6	.2	.3	.2	.2							1.5	7.3
WSW	.1	.4	.1									.6	5.9
W	.1	.1	.1									.3	5.3
WNW	.2											.2	2.5
NW	.1	.3	.1									.5	5.5
NNW	.1		.1		.1							.3	4.5
VARBL													
CALM												2.6	
	11.5	18.9	21.1	18.4	1.5	.2						100.2	5.3

TOTAL NUMBER OF OBSERVATIONS 1513

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-78, 74-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.5	.2	.0							3.4	5.2
NNE	1.5	1.7	1.3	.2	.0							4.7	5.4
NE	1.3	2.0	1.4	.2								4.9	5.6
ENE	.9	1.3	1.1	.1								3.4	5.7
E	1.3	1.9	1.7	.2								5.1	5.7
ESE	.6	1.5	.9	.1								3.2	5.7
SE	.5	2.0	2.1	.6	.0							5.6	7.1
SSE	.4	2.3	3.5	2.1	.1							8.4	8.1
S	1.2	2.3	5.4	6.6	1.0	.1						16.7	11.2
SSW	1.2	2.1	3.0	3.6	.5	.1						11.0	9.4
SW	.7	1.7	1.4	1.1	.1	.0						5.2	7.3
WSW	.6	.9	.5	.2	.0							1.9	5.7
W	.5	.5	.2	.1								1.4	4.1
WNW	.7	.4	.1	.1								1.3	5.7
NW	.3	.3	.2	.1		.0						.9	5.9
NNW	.4	.5	.4	.1	.0							1.4	5.0
VARBL													
CALM												21.6	
	13.1	22.4	25.0	15.9	1.9	.2						[illegible].2	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]07

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-76, 74-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	.9	.4								3.6	5.2
NNE	1.5	1.7	.4	.2								3.8	4.5
NE	1.7	1.6	.9		.1							3.5	5.3
ENE	1.1	1.1	.6	.1								3.1	4.7
E	1.5	1.2	.8	.1								3.6	4.8
ESE	.2	1.3	.9									2.4	6.0
SE	.6	.9	1.2	.3								2.9	5.5
SSE	.4	1.1	2.3	2.8	.1							6.8	7.9
S	1.5	1.8	3.1	5.2	.5	.1						12.9	13.1
SSW	1.2	1.8	2.5	1.3	.3	.2						7.2	8.8
SW	.5	1.0	.5									2.3	4.6
WSW	.5	.7	.4									1.6	4.9
W	.1	.3	.1	.1								.6	6.5
WNW	.1	.3		.2	.1							.7	8.7
NW	.3	.3	.1	.1								.8	5.4
NNW	.6	.7	.5									1.8	7.3
VARBL													
CALM												4.2	
	12.9	17.2	15.5	10.8	1.4	.3						100.2	4.3

TOTAL NUMBER OF OBSERVATIONS 998

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1300-1500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.9	1.3	.1								5.5	4.6
NNE	1.7	1.7	.4	.1								3.9	4.2
NE	1.5	.9	.7	.4								3.5	5.1
ENE	.7	1.0	.8	.1								2.6	5.2
E	.7	.7	.4									1.8	4.7
ESE	.4	.8	.7		.1							2.0	5.1
SE	.6	.9	.8	.5								2.8	6.5
SSE	.5	.9	1.5	.9	.1							3.9	6.4
S	2.1	1.9	3.0	2.8	.4							10.2	7.0
SSW	1.5	2.1	2.4	.9	.3	.1						7.4	7.5
SW	1.5	2.0	.9									4.4	4.8
WSW	.8	.6	.4	.2		.1						2.1	5.9
W	.2	.3	.3									.8	6.0
WNW	.1		.2		.1							.4	9.5
NW	.4	.3	.3									1.0	5.3
NNW	.5	.9	1.0									2.4	5.4
VARBL													
CALM												44.9	
	15.5	17.1	15.3	6.1	1.0	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 490

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	65-70,74-78	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (L.S.T.)
0600-1800

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.0	1.7	.1								5.7	5.2
NNE	1.9	1.4	.9	.1								4.3	4.6
NE	2.4	1.4	1.2	.2								5.2	5.1
ENE	.7	1.4	.6									2.2	5.6
E	.7	1.4	.5	.2								2.8	5.3
ESE	.7	.5	.6	.1								1.9	5.4
SE	.3	.6	.7	.9								2.5	7.3
SSE	.7	.9	1.6	.8								4.0	7.0
S	1.7	1.8	2.7	2.8	.4							9.5	8.6
SSW	2.3	1.7	1.6	1.4	.6							7.7	7.3
SW	1.9	2.1	.9	.2								5.2	5.1
WSW	.6	1.3	.2									2.3	4.0
W	.4	.6	.1									1.1	4.2
WNW	.1	.1	.3	.1								.6	7.0
NW	.6	.1	.5	.1								1.3	5.9
NNW	.4	.8	.6									1.8	5.6
VARBL													
CALM												41.1	
	17.1	18.3	15.5	7.1	1.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 MARSHALL AAF KS 65-70, 74-78 SEP
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	1.7	2.8	4.7	.6								9.8	6.8
NNE	.8	1.2	1.9	.6								4.5	7.0
NE	1.2	2.0	1.2	.3								4.8	5.5
ENE	.9	1.3	1.1	.5								3.5	6.5
E	.9	2.3	2.1	.4								5.8	6.4
ESE	.6	1.0	1.1	.3								3.0	6.7
SE	.4	1.2	1.2	.5								3.3	6.9
SSE	.3	2.2	2.2	1.0	.3							6.1	8.4
S	.6	2.4	4.3	5.9	1.2	.2						14.6	10.8
SSW	1.9	1.2	3.7	2.7	1.7	.6						11.5	10.9
SW	1.2	2.6	2.2	1.9	.2	.1						8.3	8.2
WSW	1.3	2.9	1.7	.4								6.4	5.9
W	1.1	1.7	.3	.1								3.2	4.8
WNW	.2	.4	.7									1.3	6.5
NW	.1	.6	1.2	.3								2.2	8.2
NNW	.7	.5	.7	.2								2.1	6.2
VARBL													
CALM												9.1	
	14.7	25.6	30.5	15.8	3.4	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 988

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (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	.5	1.9	3.7	2.0								8.2	8.5
NNE	.6	2.3	2.6	1.0	.1							6.7	7.7
NE	.9	1.7	2.6	.3								5.5	6.7
ENE	.6	1.3	1.4	.3								3.6	6.8
E	1.8	1.8	2.1	.2								5.0	5.9
ESE	.4	.4	.7									1.5	5.4
SE	.3	1.5	1.5	.8	.1							4.2	7.9
SSE	.2	.9	2.7	2.2	.5							6.4	10.2
S	1.1	3.0	3.6	6.9	2.3	.1						17.1	11.1
SSW	.4	2.4	3.2	3.7	2.2	.6	.1					12.7	12.2
SW	.5	1.8	2.0	1.6	.1							6.1	8.9
WSW	.3	1.5	2.0	.7								4.6	8.2
W	.7	1.0	1.2	.7								3.6	6.9
WNW	.2	.6	1.1	.3								2.2	7.9
NW	.1	.7	1.2	.3								2.3	7.9
NNW	.7	1.4	1.7	.6								4.4	7.1
VARBL													
CALM												4.9	
	9.3	24.5	33.7	21.7	5.2	.7	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 989

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.4	3.7	1.1	.1							9.9	6.9
NNE	.9	3.0	1.9	.4								6.3	6.5
NE	.9	2.6	2.0									5.6	5.6
ENE	.8	1.9	1.7	.4								4.9	6.6
E	.5	3.1	2.0	.6								6.3	6.7
ESE	.4	1.1	1.6									3.1	6.3
SE	.4	.8	1.9	.7	.1							3.9	7.9
SSE	.2	1.8	3.5	.9	.2							6.7	8.6
S	1.3	2.1	5.7	6.4	2.5	.1	.1					17.9	11.4
SSW	.5	1.6	2.4	3.7	2.9	.5	.2					11.1	12.3
SW	.4	.8	.8	1.1	.1							3.2	5.9
WSW	.4	.4	.8	.4								2.0	7.4
W	.4	1.1	1.0	.3								2.8	5.5
WNW	.3	1.4	.2	.4								2.3	6.3
NW	.2	.9	1.7	.4								3.1	7.5
NNW	.5	1.4	1.6	.3	.2							4.0	7.3
VARBL													
CALM												6.8	
	9.3	27.6	32.8	17.2	5.3	.7	.3					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	65-70,74-78	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

[illegible]-[illegible]
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	2.9	1.6	.8	.3								5.6	4.3
NNE	1.2	2.3	.9	.3								4.7	5.6
NE	1.1	1.9	1.0									4.0	5.1
ENE	1.1	2.2	1.1	.2								4.6	5.3
E	1.9	2.5	.7	.1								5.3	4.5
ESE	.7	1.9	.8	.3								3.7	5.4
SE	.4	1.8	1.7	.7								4.6	7.4
SSE	.6	2.8	4.9	1.9	.1							10.4	8.2
S	1.1	3.7	5.8	4.8	1.0	.2						16.7	9.5
SSW	.8	1.2	1.6	.2								3.8	6.1
SW	.5	.7	.3									1.5	4.6
WSW	.3	.1	.1									.5	4.2
W	.1	.2	.2	.1								.6	6.2
WNW	.2	.1	.1									.4	4.8
NW	.4	.5	.2									1.1	4.6
NNW	.7	1.1	.7	.2								2.7	5.9
VARBL													
CALM												29.6	
	14.0	24.8	21.0	8.2	1.1	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 992

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.2	1.2	.4								4.6	5.7
NNE	1.5	1.3	1.0	.2								4.0	5.1
NE	1.6	1.4	.2	.3								3.5	4.5
ENE	1.0	.9	.7									2.6	4.6
E	1.6	2.2	.7	.3								4.9	4.8
ESE	1.2	1.7	.7	.2								3.8	5.1
SE	.7	1.6	1.7	.8								4.9	7.3
SSE	.1	2.4	4.1	3.5		.1						10.3	9.4
S	.7	1.2	3.5	6.9	1.2	.7	.1					14.4	12.2
SSW	.5	1.3	.6	.4	.1							2.9	6.7
SW	.5	.9	.6	.1								2.1	5.7
WSW	.6	.3	.2	.1								1.2	5.7
W	.3	.2	.1									.6	4.6
WNW	.1	.1	.1									.3	5.0
NW	.1	.2	.2									.5	5.6
NNW	.3	.6	.6	.1								1.6	6.3
VARBL													
CALM												37.5	
	11.8	18.7	16.4	13.3	1.3	.8	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 989

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747	MARSHALL AAF KS	65-70,74-73	SEP
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 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.1	2.3	.6	.0							6.6	6.3
NNE	1.7	1.9	1.3	.4	.1							4.8	5.7
NE	1.3	1.7	1.3	.2	.1							4.5	5.4
ENE	.8	1.4	1.0	.2								3.5	5.8
E	1.2	1.9	1.2	.2								4.6	5.6
ESE	.6	1.1	.9	.1	.0							2.7	5.8
SE	.5	1.2	1.4	.7	.1							3.7	7.4
SSE	.4	1.6	2.9	1.8	.1	.0						6.8	8.9
S	1.3	2.3	4.0	5.2	1.2	.2	.0					14.2	10.4
SSW	1.1	1.7	2.3	1.8	.9	.3	.0					8.1	9.9
SW	.9	1.5	1.0	.6	.1	.0						4.1	5.8
WSW	.6	1.0	.7	.2		.0						2.6	6.1
W	.4	.7	.4	.2								1.7	5.8
WNW	.2	.4	.3	.1	.0							1.0	7.0
NW	.3	.4	.7	.2								1.6	6.8
NNW	.6	.9	.9	.2	.0							2.6	6.3
VARBL													
CALM												27.0	
	12.9	21.9	22.6	12.7	2.5	.5	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70, 74-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	2.1	.7								5.7	6.2
NNE	1.2	1.3	1.2	.1								4.3	5.[illegible]
NE	1.0	.6	.6	.1								2.3	4.[illegible]
ENE	.5	.6	.2									1.3	4.[illegible]
E	.8	.5	.1									1.4	3.4
ESE	.3	.9	1.2									2.4	6.[illegible]
SE	.1	.4	.6	.5								1.6	8.[illegible]
SSE	.2	1.5	.8	1.5		.1						4.0	9.[illegible]
S	1.2	1.2	3.1	5.4	1.1	.5						12.4	11.5
SSW	1.2	3.0	3.0	1.9	.4	.1						9.6	8.2
SW	1.2	2.6	1.0	.2								5.0	5.4
WSW	1.1	.9		.1								2.1	3.9
W	.7	1.2	.7									2.5	5.2
WNW	.6	.7	.7									2.0	5.3
NW	.4	.3	.7	.2	.1							1.7	7.8
NNW	.5	.8	1.3	.4	.2							3.1	7.9
VARBL													
CALM												38.8	
	12.9	17.7	17.1	11.0	1.8	.7						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-76,74-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	1.5	.4								5.9	5.4
NNE	1.4	1.3	1.2	.5								4.3	5.2
NE	1.1	.7	.6									2.3	4.3
ENE	.3	.5	.1									.9	3.9
E	.9	.5	.4	.2								2.0	5.1
ESE	.6	.8	.3	.1								1.8	5.3
SE	.3	.7	1.5	.5								2.4	7.8
SSE	.5	.9	.6	1.5	.2	.2						4.0	10.6
S	1.9	2.6	2.7	3.4	1.4	.1						12.1	9.5
SSW	2.3	3.2	2.0	1.6	.1	.1						9.9	8.6
SW	1.9	2.2	.7	.3								4.6	4.5
WSW	.3	.5	.4									1.7	4.5
W	.6	.9	.5		.1							2.1	5.9
WNW	.5	1.4	.6		.1							2.6	6.2
NW	.5	.5	1.3	.2	.1							2.6	7.8
NNW	.5	.8	.8	.9	.1							3.0	8.0
VARBL													
CALM												35.3	
	15.4	20.5	14.3	9.5	2.1	.4						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	65-70,74-75	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0300-0900
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.2	1.4	.5								6.7	5.6
NNE	2.5	1.9	.7	.2								5.3	4.1
NE	.8	1.2	.7	.3								2.9	5.6
ENE	.3	.7	.4	.1								1.5	5.4
E	.5	.9	.1									1.5	4.3
ESE	.7	.6	.3	.7								2.2	5.9
SE	.4	.3	.3	.1								1.6	6.9
SSE	.4	.7	2.2	1.6	.3	.1						5.3	10.0
S	1.9	2.2	3.7	2.8	1.4	.5						12.4	9.8
SSW	2.1	3.3	2.6	1.4	.6							10.0	7.2
SW	2.6	1.5	1.3	.3								5.7	4.8
WSW	1.3	1.2	.3	.1								2.8	4.3
W	.8	.7	.5		.3							2.2	5.3
WNW	.3	1.3	.8	.1	.1							2.5	6.7
NW	.5	.7	.9		.2							2.2	5.9
NNW	.9	.9	1.6	.4								3.7	6.7
VARBL													
CALM												32.6	
	17.8	19.6	16.1	9.5	2.9	.6						100.3	4.7

TOTAL NUMBER OF OBSERVATIONS 1123

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	65-73,74-78	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.9	2.8	2.2	.3							9.2	[illegible]
NNE	.9	1.6	2.0	.4								4.9	6.5
NE	.4	1.7	1.3	.4	.1							3.9	7.1
ENE	.3	.3	1.3	.1								2.0	7.5
E	.5	1.0	1.3	.2								3.0	[illegible]
ESE	.2	.4	1.0	.4								2.0	7.[illegible]
SE	.3	1.1	1.2	.1								2.8	5.7
SSE	.4	1.2	1.4	1.2	.3							4.4	8.9
S	.4	1.6	3.3	6.1	2.5	1.4	.3					15.6	13.3
SSW	.4	1.6	3.3	6.2	1.8	.3						13.5	11.8
SW	1.3	2.1	2.6	1.1	.7							7.3	7.5
WSW	1.6	2.9	2.7	.4	.1							7.8	6.2
W	.8	1.2	1.2	.2		.1						3.4	6.5
WNW	.4	.5	1.2	.5	.4							3.0	8.9
NW	.5	.7	1.2	1.0	.3							3.6	9.6
NNW	.3	1.4	2.3	1.6	.1							5.6	8.7
VARBL													
CALM												9.3	
	9.5	21.8	29.4	21.8	6.2	1.8	.3					100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 1922

...HAL CLIMATOLOGY BRANCH
...SFETAC
...AFRTHER SERVICE/MAC

SURFACE WINDS

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

13 47 — STATION
MARSHALL AAF KS — STATION NAME
65-7.,74-76 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
1200-1[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	5.2	3.0	.[illegible]							11.[illegible]	9.3
NNE	.[illegible]	2.1	1.4	.9	.1							4.[illegible]	7.[illegible]
NE	.[illegible]	1.4	1.1	.9								[illegible].-	[illegible].5
ENE	.[illegible]	1.[illegible]	.[illegible]	.7								[illegible].5	[illegible].[illegible]
E	.[illegible]	.5	.4	.1								1.[illegible]	[illegible].6
ESE	.4	.5	.7	.2								1.[illegible]	[illegible].[illegible]
SE	.[illegible]	.[illegible]	1.3	.4								2.[illegible]	[illegible].[illegible]
SSE	.[illegible]	.7	1.7	1.4	.[illegible]							4.1	[illegible].[illegible]
S	1.[illegible]	1.7	4.1	7.4	[illegible].[illegible]	[illegible].[illegible]	.1					1[illegible].[illegible]	13.4
SSW	.7	1.1	3.4	4.9	3.[illegible]	1.1	.1					1[illegible].[illegible]	13.3
SW	.4	1.[illegible]	2.5	[illegible].8	.2	.1	.1					7.5	10.[illegible]
WSW	.[illegible]	.9	2.[illegible]	.9								[illegible].1	[illegible].7
W	.7	1.7	1.9	.8	.[illegible]							[illegible].[illegible]	[illegible].[illegible]
WNW	.1	.4	1.[illegible]	.8	.3	.1						[illegible].[illegible]	10.[illegible]
NW	.3	.[illegible]	2.5	.7	.[illegible]							[illegible].[illegible]	[illegible].6
NNW	.[illegible]	1.[illegible]	[illegible].6	1.5	.2							[illegible].6	[illegible].3
VARBL													
CALM												[illegible].[illegible]	
	7.4	17.5	33.2	26.8	8.9	3.[illegible]	.[illegible]					1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]2[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 — STATION
MARSHALL AAF KS — STATION NAME
65-70,74-78 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
1200-1800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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	4.2	7.2	.6							15.0	9.1
NNE	1.2	1.3	2.3	.9		.1						5.4	7.5
NE	1.2	1.6	1.2	.7								4.6	6.7
ENE	.3	.3	.4									1.0	5.9
E	.7	.7	.4	.1								1.9	5.1
ESE	.5	.9	.9	.3								2.6	7.1
SE	.2	.5	1.0	.8	.2							2.6	7.9
SSE	.3	1.2	1.0	1.3	.3							4.2	9.4
S	.2	2.2	3.9	7.7	9.2	1.2	.2					30.2	13.2
SSW	.7	2.2	3.3	4.0	1.6	.2	.1					12.9	12.6
SW	.2	1.4	1.4	2.2	.1	.4						5.6	10.2
WSW	.6	1.6	.9	.8		.1						3.9	7.2
W	.6	1.5	2.1	1.0								5.1	7.5
WNW	.9	.5	1.6	.4	.2							3.6	7.7
NW	.2	1.7	2.2	1.3								5.4	8.2
NNW	.7	2.1	2.3	1.0								6.1	7.3
VARBL													
CALM												4.4	
	9.9	21.4	28.5	25.5	7.3	2.6	.5					100.3	9.2

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1900-2100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.9	1.5	.9	.1							[illegible]	5.4
NNE	.8	1.1	1.0	.2	.1							3.1	6.3
NE	.9	.9	.7	.4								[illegible]	[illegible]
ENE	.4	.9	.3									1.6	4.7
E	.9	1.1	.8									2.7	4.5
ESE	.7	2.3	.2									3.1	4.0
SE	.3	1.2	1.0	.3								2.7	6.9
SSE	.7	1.8	3.7	2.2								8.3	[illegible]
S	.8	1.9	5.2	6.9	2.9							18.7	11.1
SSW	1.6	1.1	1.2	.6	.3							4.7	6.8
SW	1.3	.4	.5	.2								2.8	4.3
WSW	.5	.5		.1								1.1	4.9
W	.6	.3	.3	.1								1.3	4.5
WNW	.4	.4	.1	.3								1.2	5.4
NW	.8	.6	.4	.2	.1							2.1	5.8
NNW	1.3	.8	1.3	.6								3.9	6.4
VARBL													
CALM												33.5	
	14.7	18.4	18.0	12.9	2.5							[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS 1122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 | MARSHALL AAF KS | 65-70,74-78 | OCT

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER

CLASS

0100-2300

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	1.5	1.4	1.2	.6		.1						5.3	6.7
NNE	1.3	1.3	1.2	.6								4.1	5.1
NE	1.1	.9	.4	.2								2.5	4.7
ENE	.1	.5	.2									.8	3.3
E	.2	1.3	.8									2.3	5.4
ESE	.4	1.3	1.0									2.8	5.7
SE	.2	1.3	.8	.2								2.4	6.7
SSE	.6	.5	2.4	2.6	.3							6.5	10.3
S	.7	.9	4.6	6.6	2.5	.7	.1					16.0	12.7
SSW	1.6	1.3	1.6	1.1	.3							5.8	7.3
SW	.6	1.1	.5									2.2	4.9
WSW	.9	.3	.5	.2								1.9	5.3
W	.8	.6	.3	.1								1.8	4.4
WNW		.4	.2	.1								.7	7.0
NW	.4	.5	.6	.3	.2	.2						2.2	9.4
NNW	1.2	.7	1.3	.4	.1							3.8	6.6
VARBL													
CALM												39.4	
	11.4	14.0	17.8	12.9	3.4	1.0	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1022

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	2.5	1.4	.2	.0						7.8	7.4
NNE	1.3	1.4	1.3	.5	.0	.0						4.5	6.1
NE	.9	1.1	.8	.4	.0							3.1	6.2
ENE	.3	.6	.5	.0								1.4	5.6
E	.6	.8	.5	.1								2.0	5.2
ESE	.5	.9	.7	.2								2.3	6.1
SE	.2	.7	.9	.4	.1							2.3	7.6
SSE	.4	1.0	1.7	1.6	.2	.1						5.1	9.4
S	1.1	1.6	3.8	5.8	2.3	.8	.1					15.7	12.0
SSW	1.3	2.1	2.6	2.7	1.0	.3	.0					10.1	9.9
SW	1.2	1.6	1.2	.9	.1	.1	.1					5.1	7.1
WSW	.9	1.1	.8	.3	.0	.0						3.2	6.0
W	.7	1.0	.9	.3	.1	.0						2.9	6.5
WNW	.4	.7	.8	.3	.1	.0						2.3	7.6
NW	.4	.7	1.2	.5	.2	.0						3.1	8.5
NNW	.7	1.0	1.7	.8	.1							4.3	7.8
VARBL													
CALM												24.8	
	12.4	18.9	22.1	16.1	4.4	1.3	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 4175

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	65-70,74-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.0	1.0	.1							5.7	7.5
NNE	2.3	1.6	1.9	.2								5.8	5.2
NE	1.2	1.7	1.0	.1								4.0	5.1
ENE	1.0	.3	.3	.2								1.8	4.7
E	.5	.7	.2	.1								1.5	4.8
ESE	.7	.4	.2									.8	3.7
SE	.6	.5	.4	.1								1.6	5.6
SSE	.3	.6	.2	1.4	.5							3.0	11.2
S	1.2	1.7	1.7	1.3	.1	.4	.2					6.7	9.2
SSW	2.0	2.8	2.1	.7	.1							7.8	6.2
SW	1.9	3.1	1.1	.3	.2							6.7	5.6
WSW	.9	1.5	.4									2.8	4.8
W	.5	.8	.6									1.9	5.3
WNW	.7	.5	.9	.4								2.5	7.0
NW	.4	.7	1.4	1.2	.1							3.9	8.9
NNW	.5	1.5	1.3	1.3	.1							4.8	8.2
VARBL													
CALM												36.6	
	15.2	20.1	15.9	8.4	1.2	.4	.2					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70, 74-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(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 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	1.3	1.1								5.3	6.5
NNE	1.9	1.4	1.1	.6								5.1	5.5
NE	1.7	1.5	1.1									4.3	4.7
ENE	.7	.9	.6	.1								2.3	5.5
E	1.3	.6	.1	.2								2.2	3.9
ESE	.5	.5	.1									1.1	4.2
SE	.3	.5	.7	.1								1.5	6.5
SSE	.4	.2	.5	.3	.3							1.7	9.4
S	2.2	2.3	1.1	1.1	.3	.5	.1					7.7	6.2
SSW	1.6	2.1	1.6	.8	.1	.1						6.4	6.5
SW	2.4	4.0	.5	.2	.2							7.4	4.7
WSW	.7	1.6	.3	.1								2.7	4.6
W	1.0	1.0	.5	.3								2.8	5.3
WNW	.5	.6	.5	.5								2.1	6.8
NW	.4	.6	1.2	1.2	.3							3.7	9.8
NNW	.6	1.4	.8	1.8	.3	.1						5.1	9.4
VARBL													
CALM												13.4	
	17.4	21.2	12.1	8.5	1.5	.7	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 989

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747	MARSHALL AAF KS	65-70,74-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	2.2	.9	.3							6.9	7.2
NNE	2.2	1.4	1.1	.1								4.8	4.7
NE	1.5	1.9	1.5									4.9	5.5
ENE	.8	1.2	.7	.1								2.8	5.3
E	.3	.7	.2	.1								1.3	5.3
ESE	.3	.2	.3									.8	5.6
SE	.5	.4	.5	.8								2.2	5.1
SSE	.4	.5	.5	.5	.2							2.1	5.9
S	2.2	1.9	1.4	1.2	.2	.3						7.3	7.2
SSW	2.5	4.2	.9	1.2	.1							9.0	5.7
SW	2.0	2.4	1.2	.1	.1							5.9	4.8
WSW	.5	1.4	.7									2.6	5.1
W	1.5	1.1	.5									3.1	4.2
WNW	.3	.3	.5	.4	.1							1.9	6.7
NW	.1	.9	.5	1.5		.2						3.3	10.2
NNW	.8	1.2	1.8	2.1								6.0	6.5
VARBL													
CALM												34.5	
	17.6	21.8	15.2	9.1	1.0	.5						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 990

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70, 74-78 (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	1.5	2.5	2.7	3.0	.4							10.2	8.4
NNE	2.1	1.1	1.3	1.0								5.6	6.3
NE	1.1	2.1	1.8	.3								5.4	6.1
ENE	.4	1.5	.7	.1								2.7	6.6
E	.5	.8	.7									2.0	5.6
ESE	.2	.5	.4	.1								1.2	6.4
SE	.6	.5	.5									1.6	6.3
SSE	.4	.4	1.7	.8	.4	.1						3.6	10.2
S	.8	2.1	2.1	2.7	.6	.1	.2					8.7	9.9
SSW	1.1	2.1	3.3	2.8	.6	.2						10.2	9.5
SW	1.8	2.9	2.8	1.4	.4	.1						9.5	7.5
WSW	1.6	2.9	1.7	.6								6.9	5.7
W	.8	1.7	1.8	.5								4.8	6.7
WNW	.4	.7	1.5	1.5	.3	.1						4.5	10.1
NW	.2	1.3	1.0	1.4	.3							4.2	9.6
NNW	.6	1.8	1.6	2.8	.2							7.1	9.5
VARBL													
CALM												11.6	
	14.2	25.2	25.9	19.2	3.2	.6	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (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	.4	2.9	3.3	2.2	.2							9.0	8.6
NNE	.9	.8	2.8	1.0	.1							5.7	7.9
NE	.7	1.7	1.6	.5								4.6	5.6
ENE	.5	.9	.8	.3								2.5	6.6
E	.6	.7	.7	.2								2.4	6.0
ESE	.1	.5	.4	.2								1.2	5.7
SE		.3	.7	.2								1.2	8.1
SSE	.6	.7	1.5	1.0	.2							4.0	8.6
S	.6	2.5	3.8	2.8	.6	.7						11.1	10.1
SSW	.3	1.1	1.8	3.3	1.2	.5						8.3	12.2
SW	1.0	1.6	3.2	3.1	.9	.4						10.2	10.3
WSW	.8	3.0	2.0	1.3	.1							7.3	7.4
W	.7	2.6	3.9	1.2	.1							8.5	7.7
WNW	.5	1.1	1.9	1.0	.2							4.8	8.9
NW		.9	2.7	2.7	.4	.1						6.9	11.0
NNW	.4	1.1	2.2	4.9	.4	.2						9.1	11.5
VARBL													
CALM												2.2	
	8.2	22.5	33.7	26.1	4.3	1.9						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 589

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70,74-78 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.2	4.6	2.6	.5							11.4	8.8
NNE	.5	1.4	1.9	.8								4.7	7.4
NE	.4	1.6	1.0	.1								3.1	5.9
ENE	.8	1.3	.9									3.0	5.3
E	.5	.8	.9	.1								2.3	6.0
ESE	.5	.2	.3	.4								1.4	7.1
SE	.2	.6	.8	.4								2.0	8.0
SSE	.4	1.0	1.2	1.6								4.2	9.0
S	.9	2.2	3.7	3.1	.3	.2						10.5	9.3
SSW	.7	1.9	2.9	3.6	.6	.2						10.0	10.1
SW	.9	2.3	1.8	1.1	.4		.3					6.9	8.9
WSW	.7	1.6	1.8	1.0								5.2	7.3
W	1.7	2.1	2.1	.6								6.6	6.1
WNW	.5	1.8	1.5	.8	.1							4.8	7.6
NW	.6	1.5	2.9	2.1	.2	.1						7.5	9.2
NNW	.5	2.7	4.8	1.8	.4							10.2	8.6
VARBL													
CALM												0.2	
	10.4	26.5	33.3	20.3	2.5	.5	.3					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 989

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-70, 74-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-2100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	3.2	3.3	1.1	.1		.1					10.8	5.5
NNE	.7	1.2	2.2	.2								4.1	5.5
NE	1.2	1.4	.4									3.8	4.7
ENE	.7	.7	.5									1.9	4.7
E	1.3	.8	.2	.1								2.4	4.1
ESE	.2	.7	.7									1.6	5.2
SE	.5	1.0	1.2	.1								2.8	5.5
SSE	.6	1.0	1.7	.9	.1							4.3	7.8
S	.5	2.7	3.6	1.7	.4	.1						9.1	8.7
SSW	1.4	2.8	2.4	.5	.2							7.4	6.4
SW	1.7	2.1	.9	.2		.2	.1					5.3	6.2
WSW	.7	1.6	.3									2.6	4.4
W	.6	.9	.4									2.1	4.4
WNW	.4	.4	.4	.2								1.4	6.5
NW	.5	1.9	1.3	.8	.2							4.7	7.3
NNW	1.6	1.1	1.8	.9								5.5	6.9
VARBL													
CALM												11.0	
	15.6	23.6	21.3	6.8	1.0	.3	.2					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 992

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

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747	MARSHALL AAF KS	65-70,74-75	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

01.0-2500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.9	2.3	1.1								8.2	6.5
NNE	1.2	2.3	1.6	.1								4.9	5.4
NE	.8	1.6	.6	.2								3.2	5.3
ENE	1.7	.6	.5	.2								2.6	4.5
E	.8	.4	.2	.1								1.2	4.9
ESE	.3	.9	.7	.1								1.9	5.3
SE	.3	.6	1.0	.2								2.1	7.1
SSE	.2	.8	.3	1.7	.3							3.8	10.5
S	1.3	.8	1.8	2.5	.9	.3						7.7	10.4
SSW	1.2	2.9	1.7	1.5	.3							7.7	7.6
SW	1.6	2.9	1.1	.2		.2	.1					6.1	6.3
WSW	1.0	1.1	.2	.1	.1							2.5	4.6
W	.2	.8	.3	.1								1.4	5.9
WNW	.2	.3	.7	.1	.1							1.9	7.2
NW	.9	.5	.8	.8	.3							3.4	6.1
NNW	1.0	2.1	1.9	1.4	.1							6.5	7.4
VARBL													
CALM												34.7	
	13.9	21.2	16.3	10.5	2.1	.5	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70,74-78 — 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	1.4	2.5	2.7	1.6	.2		.0					8.4	7.6
NNE	1.5	1.4	1.7	.5	.1							5.1	6.1
NE	1.1	1.7	1.1	.2								4.1	5.1
ENE	.8	.9	.6	.1								2.5	5.3
E	.7	.7	.4	.1								1.9	5.1
ESE	.3	.5	.4	.1								1.3	6.1
SE	.4	.6	.7	.2								1.9	6.5
SSE	.4	.7	1.0	1.0	.3	.0						3.4	7.4
S	1.2	2.0	2.4	2.1	.4	.2	.1					8.6	9.1
SSW	1.4	2.5	2.1	1.8	.4	.1						8.3	8.2
SW	1.7	2.7	1.6	.8	.3	.1	.1					7.2	7.1
WSW	.9	1.9	.9	.4	.2							4.1	6.3
W	.9	1.4	1.3	.3	.2							3.9	6.2
WNW	.4	.8	1.0	.6	.1	.0						2.8	8.2
NW	.4	1.1	1.5	1.5	.2	.1						4.7	9.4
NNW	.2	1.0	2.0	2.1	.2	.0						6.8	9.2
VARBL													
CALM												24.8	
	14.1	22.9	21.7	13.6	2.1	.7	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7915

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70,74-78 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0000-2300 — 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	2.3	2.3	1.7	.1							6.7	8.1
NNE	1.7	1.[illegible]	2.[illegible]	.7	.1							[illegible].4	5.5
NE	1.[illegible]	1.[illegible]	.6	.9	.1							3.4	[illegible].[illegible]
ENE	.4	.[illegible]	1.6	.2								2.[illegible]	[illegible].[illegible]
E	.6	.4	.[illegible]	.5								1.[illegible]	[illegible].[illegible]
ESE	.[illegible]	.[illegible]	.1	.2	.1							1.4	6.7
SE	.1	.7	.2									1.[illegible]	[illegible].[illegible]
SSE	.[illegible]	.6	1.[illegible]	.7								3.5	7.5
S	.[illegible]4	1.4	1.1	1.3	.6	.2	.2					7.1	8.[illegible]
SSW	2.[illegible]	2.[illegible]	1.7	2.1	.5	.2	.2	.1				[illegible].6	8.6
SW	1.[illegible]	3.[illegible]	.8	.8								7.0	8.5
WSW	1.4	1.5	.4									3.[illegible]	4.1
W	.[illegible]	.[illegible]	.9	.1								[illegible].3	5.7
WNW	.[illegible]	.[illegible]	1.2	.9	.1							3.5	[illegible].4
NW	.5	1.3	1.[illegible]	1.[illegible]	.1	.2						[illegible].[illegible]	[illegible].9
NNW	.5	[illegible].3	2.[illegible]	1.4								5.5	[illegible].[illegible]
VARBL													
CALM												11.4	
	15.1	19.9	17.7	12.1	1.[illegible]	.5	.4	.1				[illegible][illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 1123

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	65-74	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.3	1.6	.1							7.3	7.6
NNE	1.2	1.4	1.5	.8								4.9	6.9
NE	1.1	1.1	1.3	.9								4.3	7.2
ENE	.9	.9	.9	.1								2.9	5.3
E	1.3	.5	.5	.8								3.1	6.6
ESE	.8	.5	.3	.3								1.9	5.6
SE	.5	.4	.3	.2								1.4	5.9
SSE	.5	.3	.9	.3	.3							2.3	7.3
S	2.2	1.4	.7	1.4	.2	.1						5.9	7.1
SSW	2.4	2.3	1.1	1.5	.9	.6						8.4	7.1
SW	2.4	4.4	1.9	.7	.1	.2						9.7	5.9
WSW	1.5	1.8	.3			.2						3.7	5.2
W	.6	.8	.8	.4								2.5	5.3
WNW	.4	.7	.8	.9	.2	.1						3.2	8.7
NW	1.3	1.5	1.4	.6	.1							4.9	6.3
NNW	1.3	1.1	2.5	1.0								5.6	7.8
VARBL													
CALM												2.6	
	18.3	20.6	16.9	11.3	1.9	1.2						100.2	6.1

TOTAL NUMBER OF OBSERVATIONS 1022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL ABF KS (STATION NAME) 65-70,74-76 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	2.2	1.4	.7							7.6	7.8
NNE	2.1	1.6	2.7	.7	.1							7.1	6.4
NE	.9	1.4	1.0	.4								3.9	6.3
ENE	.6	.7	.7	.1								2.1	5.9
E	.6	.5	1.1	.6								2.7	7.7
ESE	.3	.8	.1									1.2	4.6
SE	.6	.3	.4	.2								1.5	6.5
SSE	.9	.3	1.1	.6	.2							3.0	8.2
S	1.4	1.8	1.0	1.3	.5	.2	.1					6.3	9.6
SSW	2.4	4.0	.9	1.3		.4	.1					9.1	6.8
SW	2.8	3.5	1.3	1.2	.1	.1						9.0	5.9
WSW	.9	2.2	.6	.2								3.9	5.3
W	.6	.6	1.2	.2	.2	.1						2.8	8.4
WNW	.8	1.1	.9	.4								3.1	6.4
NW	.7	1.0	1.2	.5	.1							3.4	7.2
NNW	1.1	1.5	3.1	.5								6.2	7.2
VARBL													
CALM												24.1	
	17.6	23.2	19.4	9.4	1.5	.6	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0001-1100 (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	1.4	1.3	4.2	1.8	.5							9.1	8.6
NNE	1.8	2.1	2.1	1.0	.1							6.9	5.7
NE	1.3	.7	1.4	.7								3.7	6.5
ENE	.3	.4	1.1	.2								2.0	7.1
E	.4	.8	1.3	.4								2.9	7.5
ESE	.2	.9	.9	.3								2.7	7.4
SE	.5	.4	.4	.3								1.6	6.5
SSE	.5	.4	.7	.7								2.2	7.7
S	1.1	1.9	2.3	2.3	.7	.1						8.4	9.1
SSW	1.8	2.3	2.4	3.3	.6	.2	.1					10.8	9.4
SW	1.3	3.8	3.6	1.8	.7	.2	.1					10.9	8.4
WSW	1.7	2.5	2.7	.4		.1						7.4	6.3
W	.7	2.5	1.1	.9								5.2	6.2
WNW	.1	.3	1.5	.9	.1	.3						3.1	11.1
NW	.6	1.3	2.0	2.0	.3	.1						6.2	9.6
NNW		1.2	3.5	1.2	.2							6.1	9.4
VARBL													
CALM												11.7	
	13.1	22.7	30.2	18.0	3.1	1.0	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1623

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-78,74-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.0	4.9	3.5	.2							11.3	9.3
NNE	.6	2.1	1.5	1.7								5.9	6.1
NE	.8	1.4	1.2	1.0								4.3	7.2
ENE	.9	.6	.7	.1								2.3	5.3
E	.4	.4	.6	.3								1.7	7.2
ESE	.4	.3	1.0	.6								2.3	8.2
SE	.3	.8	.6	.2	.1							2.0	7.1
SSE	.4	.7	1.0	.5	.1							2.6	7.9
S	.7	1.9	1.7	2.2	.5	.4						7.2	10.3
SSW	1.0	1.0	2.8	4.6	1.3	.8						11.5	11.8
SW	.8	2.3	3.3	2.8	1.5	.6	.1					11.4	10.9
WSW	1.6	3.0	3.0	1.6								9.2	7.0
W	1.0	1.4	3.2	.6								6.2	7.4
WNW	.9	1.1	1.3	1.7	.3	.1	.1					5.4	9.6
NW	.1	1.0	2.8	2.1	.8	.2	.1					7.1	11.7
NNW	.1	1.7	2.5	2.9	.1							7.3	9.6
VARBL													
CALM												2.6	
	10.5	21.4	32.1	26.2	4.8	2.1	.3					100.5	7.1

TOTAL NUMBER OF OBSERVATIONS 1021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-73,74-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 15[illegible]-17[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	4.2	3.0	.1							11.6	6.4
NNE	.5	1.9	3.3	.4								6.1	7.3
NE	1.1	1.3	1.4	.2								3.6	6.[illegible]
ENE	.6	.5	.7	.3								[illegible].1	6.6
E	.5	.7	.8	.6								2.[illegible]	7.3
ESE	.2	.5	.5	.3								1.5	7.6
SE	.3	.4	.7	.5								1.9	7.6
SSE	.4	1.4	1.4	.4								3.6	6.6
S	.8	3.0	2.3	2.5	.3	.3						9.3	8.8
SSW	1.2	2.5	3.3	2.3	1.4	.3						11.0	9.6
SW	.3	2.9	2.7	2.1	.5	.1						8.6	8.9
WSW	.3	2.9	2.7	.6	.1							6.6	7.2
W	.9	2.2	1.3	.3								4.7	5.[illegible]
WNW	.7	1.4	1.2	1.2	.2	.2						4.8	7.[illegible]
NW	.3	1.3	2.5	1.9	.6	.1						6.6	10.2
NNW	.5	1.7	3.5	2.9								8.6	9.3
VARBL													
CALM												6.9	
	10.0	27.0	32.6	19.5	3.1	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13747	MARSHALL AAF KS	65-70,74-78	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1800-2300
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	1.3	2.8	2.8	1.7	.4							9.0	6.0
NNE	.6	1.6	1.6	.4	.1							4.2	7.0
NE	1.0	.6	1.4	.5	.1							3.5	7.0
ENE	.9	1.2	.7	.3								2.9	6.1
E	.5	1.2	.7	.4								2.7	5.4
ESE	.5	.6	.5	.3								1.9	6.6
SE	.1	.6	.9	.3								1.9	7.6
SSE	.5	.8	1.6	.3								3.4	6.7
S	2.1	1.8	1.8	1.7	.5	.1						7.6	7.8
SSW	2.2	3.7	1.8	1.9	.3	.2						10.0	7.3
SW	2.8	2.3	.6	.6	.3							6.6	5.4
WSW	1.3	.7	.8	.4								3.1	5.5
W	1.0	.5	.5	.2	.2							2.3	6.1
WNW	.5	.2	.2	.5	.1							1.5	8.0
NW	.6	1.2	1.3	.2	.1							3.3	7.0
NNW	1.1	2.0	1.8	1.4	.5							6.6	8.3
VARBL													
CALM												79.1	
	16.9	21.6	18.7	10.9	2.5	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1023

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70, 74-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.4	2.3	1.6	.1							8.3	7.6
NNE	1.1	1.3	2.3	.6								5.3	6.6
NE	.9	.7	1.0	.4	.1							3.0	6.4
ENE	.5	.8	.5	.1								1.9	5.4
E	.4	.5	.6	.7								2.2	7.6
ESE	.4	.8	.2									1.4	4.5
SE	.4	.9	1.4	.6								3.2	7.9
SSE	.4	.9	.9	.6	.4							3.1	8.8
S	1.6	2.2	.8	1.9	.6							7.0	8.2
SSW	2.4	3.0	1.5	1.9	.4	.3	.2	.2				9.9	8.5
SW	2.1	2.6	1.0	.8	.2	.1						6.7	6.2
WSW	1.4	1.5	.5	.2								3.5	4.7
W	.7	.7	.3	.4	.3							2.3	8.0
WNW	.1	.5	.5	.6	.1	.1						1.9	10.9
NW	.4	.7	1.2	.6	.2							3.0	8.7
NNW	.4	.9	2.1	1.8	.2							5.3	8.2
VARBL													
CALM												12.0	
	13.9	21.3	16.9	12.5	2.5	.5	.2	.2				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1623

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-72,74-78 (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	1.1	2.4	3.2	2.0	.2							8.8	8.3
NNE	1.2	1.6	2.1	.8	.0							5.7	6.9
NE	.9	1.0	1.1	.6	.1							3.7	6.7
ENE	.6	.7	.8	.2								2.2	6.1
E	.5	.6	.7	.5								2.4	7.2
ESE	.4	.6	.4	.2	.1							1.7	6.6
SE	.3	.6	.6	.3	.0							1.8	6.7
SSE	.6	.7	1.1	.5	.1							3.0	7.7
S	1.5	1.9	1.5	1.8	.5	.2	.0					7.4	8.6
SSW	2.0	2.6	1.9	2.3	.7	.4	.1	.0				10.0	9.0
SW	1.9	3.2	1.8	1.3	.4	.2	.0					8.7	7.4
WSW	1.2	2.0	1.4	.4	.0	.0						5.1	6.0
W	.8	1.2	1.1	.4	.1	.0						3.6	6.9
WNW	.5	.7	.9	.9	.1	.1	.0					3.3	9.1
NW	.6	1.1	1.7	1.1	.3	.1	.0					4.8	9.1
NNW	.6	1.4	2.7	1.6	.1							6.4	8.6
VARBL													
CALM												21.4	
	14.5	22.2	23.1	15.0	2.6	.9	.2	.0				178.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2181

USAFETAC FORM JUL 84 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13947	MARSHALL AAF KS	65-71,74-79	ALL

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

SPEED (KNTS) DIR.	1 - 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	1.4	.2	.0	.0					7.3	7.7
NNE	1.4	1.6	1.6	.6	.0	.0						5.2	5.3
NE	1.2	1.6	1.3	.4	.0	.0						4.5	6.2
ENE	.8	1.3	1.0	.3	.0	.0						3.3	6.1
E	.7	1.3	1.2	.4	.0	.0						3.8	6.4
ESE	.5	1.0	.8	.3	.1	.0						2.6	6.6
SE	.5	1.0	1.3	.6	.1	.0	.0					3.5	7.7
SSE	.5	1.3	2.1	1.6	.3	.1	.0	.0				5.9	9.2
S	1.2	2.0	3.4	4.4	1.3	.4	.1	.0				12.7	10.8
SSW	1.3	2.0	2.4	2.4	.7	.2	.0	.0				9.0	9.5
SW	1.2	1.9	1.4	1.0	.2	.1	.0					5.8	7.4
WSW	.8	1.3	.9	.4	.1	.0						3.3	6.5
W	.6	.9	.8	.4	.1	.0	.0					2.8	6.9
WNW	.3	.6	.7	.5	.1	.0	.0					2.2	8.3
NW	.4	.7	1.0	.7	.2	.0	.0					3.0	6.8
NNW	.5	1.1	1.5	1.0	.1	.0	.0					4.3	5.4
VARBL													
CALM												20.7	
	13.2	21.6	24.0	16.0	3.5	.9	.1	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 96217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13947	MARSHALL AAF KS	65-71,74-79	ALL
STATION	STATION NAME	YEARS	MONTH

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	5.3	3.1	.3	.1						13.7	6.5
NNE	1.7	3.1	4.5	2.0	.1	.0						11.5	7.5
NE	1.9	4.0	3.8	1.2	.1							11.0	6.7
ENE	1.0	2.9	2.6	.7	.1	.0						7.3	6.7
E	1.0	2.0	2.5	1.4	.1							7.0	7.6
ESE	.5	1.3	.9	.5	.2	.0						3.4	7.6
SE	.6	.7	.9	.6	.1							2.9	7.0
SSE	.4	.9	1.6	.9	.1	.0						3.9	6.7
S	.3	1.5	2.1	1.5	.2	.1						6.3	8.7
SSW	.4	.9	1.4	.9	.2	.0						3.7	8.5
SW	.4	.5	.6	.3	.0							1.8	6.7
WSW	.4	.4	.3	.2	.0	.0						1.4	6.4
W	.5	.6	.5	.2	.1							1.9	6.6
WNW	.4	.5	.8	.3	.2							2.2	8.2
NW	.3	.7	.9	.8	.2	.0	.0					2.9	9.6
NNW	.5	1.5	1.7	1.4	.2	.0	.0					5.5	8.5
VARBL													
CALM												13.4	
	12.6	24.7	30.5	15.8	2.0	.5	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7883

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

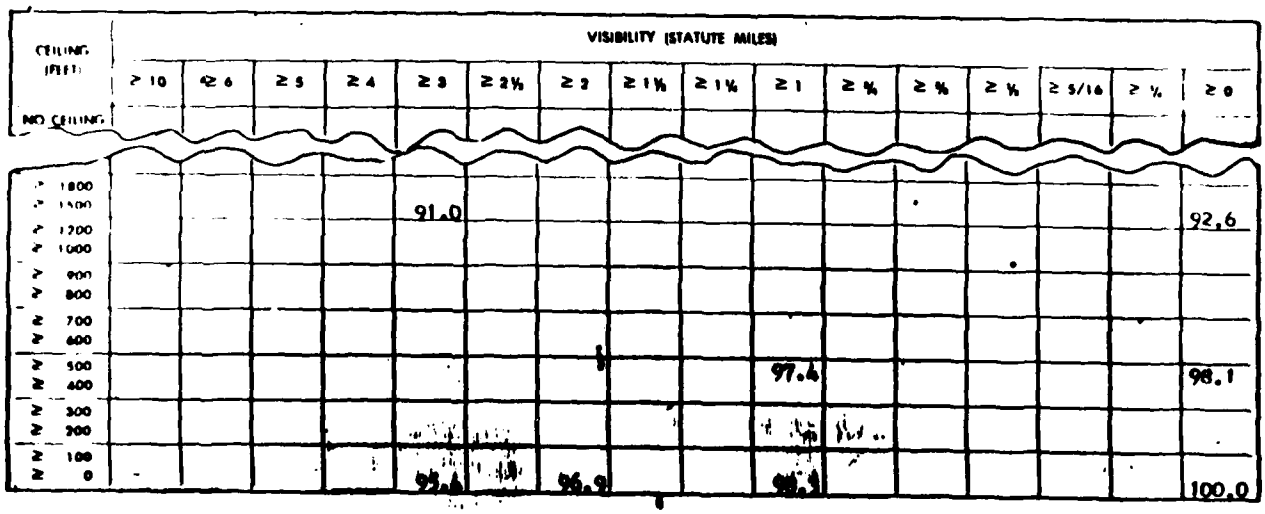
Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						
≥ 400																98.1
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

47 | MARSHALL AAF KS | 66-71,75-79 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	57.6	61.8	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	63.3	63.8	64.1	64.3	64.4	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	63.3	63.4	64.1	64.3	64.4	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	63.3	63.8	64.1	64.3	64.4	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	63.4	63.9	64.2	64.4	64.5	64.5	64.5	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	63.7	64.2	64.5	64.7	64.8	64.8	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	67.7	67.4	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	67.8	67.4	67.7	68.0	68.1	68.1	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	69.1	69.8	70.1	70.4	70.5	70.5	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.8	70.8	70.8
≥ 7000	70.8	71.5	71.8	71.1	71.2	71.2	71.2	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	71.8	71.7	71.9	72.2	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	72.8	72.7	73.0	73.3	73.4	73.4	73.4	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	73.9	72.9	73.2	73.5	73.6	73.6	73.6	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	75.4	76.3	75.7	76.1	76.1	76.1	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	75.4	76.1	76.5	76.8	76.9	76.9	76.9	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	77.5	77.3	77.7	78.0	78.1	78.1	78.1	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500	81.3	78.7	79.1	79.4	79.5	79.5	79.5	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	83.3	81.6	82.0	82.3	82.6	82.7	82.7	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	83.8	82.4	82.9	83.6	83.7	83.8	83.8	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	84.8	83.7	84.2	84.8	84.9	85.3	85.3	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	85.4	85.0	85.5	86.2	86.3	86.7	86.7	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	85.9	86.3	87.3	88.2	88.4	88.8	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	86.3	86.6	88.1	89.1	89.4	89.9	90.3	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	86.1	87.2	89.2	90.3	90.7	91.2	91.9	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 700	86.1	87.2	89.1	90.7	91.1	91.4	92.4	92.9	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 600	86.1	87.3	89.4	91.1	91.6	92.2	93.0	93.7	93.7	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 500	86.1	87.5	89.8	91.5	92.3	92.9	94.1	95.3	95.3	95.5	95.5	95.7	95.9	95.9	95.9	95.9
≥ 400	86.1	87.5	89.8	91.6	92.7	93.3	94.7	95.9	95.9	96.6	96.7	96.9	97.1	97.1	97.1	97.1
≥ 300	86.1	87.6	89.9	91.7	92.9	93.5	95.1	96.3	96.3	97.5	97.7	97.9	98.1	98.2	98.6	98.6
≥ 200	86.1	87.6	89.9	91.7	92.9	93.5	95.2	96.5	96.7	97.7	97.8	98.2	98.6	98.7	99.1	99.1
≥ 100	86.1	87.6	89.9	91.7	93.0	93.5	95.3	96.6	96.8	97.8	97.9	98.3	98.7	98.9	99.3	99.3
≥ 0	86.1	87.6	89.9	91.7	93.0	93.5	95.3	96.6	96.8	97.8	98.	98.4	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

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

USAF ETAC
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 MARSHALL AAF KS 65-71,75-79 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	53.4	58.7	59.3	59.4	59.6	59.7	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	58.3	61.7	62.4	62.5	62.7	62.8	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	58.3	61.7	62.4	62.5	62.7	62.8	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	58.3	61.7	62.4	62.5	62.7	62.8	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	57.2	61.7	62.4	62.5	62.7	62.8	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	56.4	62.1	62.8	62.9	63.0	63.1	63.1	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	65.1	66.1	66.8	66.9	67.1	67.2	67.2	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	65.4	66.4	67.1	67.2	67.4	67.4	67.4	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	71.7	67.9	68.7	68.8	69.0	69.1	69.1	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	67.8	69.1	69.9	70.0	70.2	70.3	70.3	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	73.3	69.7	70.5	70.6	70.9	71.0	71.0	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	74.1	70.9	71.7	71.7	72.0	72.1	72.2	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	74.2	71.1	71.8	71.9	72.2	72.3	72.4	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4000	75.4	73.4	74.2	74.3	74.6	74.7	74.8	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	67.2	75.4	76.1	76.2	76.5	76.6	76.7	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	69.1	76.8	77.7	77.8	78.1	78.2	78.3	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	69.2	78.1	79.1	79.1	79.4	79.5	79.6	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	71.3	81.9	82.9	83.0	83.3	83.4	83.5	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	71.6	82.3	83.2	83.5	84.1	84.2	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	72.4	83.6	84.6	84.9	85.5	85.6	85.7	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	77.9	84.3	85.4	85.8	86.4	86.5	86.7	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	73.4	86.1	87.3	87.7	88.3	88.4	88.6	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	73.5	86.7	88.2	88.9	89.6	89.7	89.9	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	73.5	87.2	88.8	89.8	90.6	90.7	91.0	91.6	91.6	92.0	92.0	92.0	92.3	92.3	92.3
≥ 700	74.1	88.0	89.7	91.2	92.1	92.2	92.6	93.3	93.3	94.0	94.0	94.0	94.5	94.5	94.5
≥ 600	74.1	88.4	90.2	91.7	92.6	92.7	93.2	93.8	93.8	94.6	94.6	94.7	95.2	95.2	95.2
≥ 500	74.1	88.5	90.3	91.9	92.9	93.0	93.5	94.3	94.5	95.2	95.3	95.3	95.8	95.8	95.8
≥ 400	74.1	88.5	90.3	91.9	93.1	93.4	94.2	95.3	95.5	96.3	97.0	97.1	97.6	97.6	97.6
≥ 300	74.1	88.5	90.3	91.9	93.1	93.4	94.3	95.4	95.6	96.4	97.3	97.4	97.8	97.8	97.8
≥ 200	74.1	88.5	90.3	91.9	93.1	93.4	94.3	95.5	95.7	96.5	97.8	97.8	98.4	98.6	98.9
≥ 100	74.1	88.5	90.3	91.9	93.1	93.4	94.3	95.5	95.7	96.5	97.9	97.9	98.6	98.8	99.0
≥ 0	74.1	88.5	90.3	91.9	93.1	93.4	94.3	95.7	95.9	96.7	98.0	98.1	98.9	99.1	99.3

TOTAL NUMBER OF OBSERVATIONS 1,423

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.4	56.6	57.1	57.3	57.2	57.3	57.6	57.6	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	55.6	60.4	60.9	61.0	61.2	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	55.6	60.4	60.9	61.0	61.2	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	55.6	60.4	60.9	61.0	61.2	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	55.7	61.5	61.9	61.9	61.9	61.9	61.9	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	57.2	61.9	62.3	62.4	62.7	62.8	63.1	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	57.6	65.6	66.0	66.1	66.4	66.5	66.9	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	57.6	65.6	66.2	66.3	66.6	66.7	67.1	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 8000	58.1	67.1	67.6	67.8	68.1	68.2	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	58.3	68.2	68.7	68.9	69.2	69.3	69.7	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	58.5	68.6	69.2	69.4	69.7	69.8	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	58.8	69.2	69.8	70.0	70.3	70.4	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	58.9	69.5	69.9	70.1	70.4	70.5	70.8	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	59.3	71.2	72.0	72.3	72.6	72.7	73.1	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	66.1	72.3	73.1	73.4	73.8	73.9	74.3	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	66.7	73.5	74.4	74.9	75.3	75.4	75.8	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	67.7	74.8	75.8	76.2	76.7	76.8	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2000	68.5	76.9	78.1	78.5	79.1	79.2	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	68.7	77.5	78.7	79.3	80.0	80.1	80.6	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1500	69.6	79.2	80.5	81.3	82.3	82.5	83.1	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1200	70.9	81.5	82.8	82.9	84.1	84.4	85.2	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	71.2	82.3	84.1	84.9	86.4	86.7	87.3	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	71.3	82.7	84.5	85.8	87.4	87.7	88.5	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	71.5	83.4	85.7	87.0	88.8	89.4	90.5	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	71.9	83.9	86.3	87.8	89.8	90.4	92.0	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	71.9	84.1	86.6	88.2	90.3	90.9	92.9	93.7	93.9	94.2	94.4	94.4	94.6	94.6	94.6	94.6
≥ 500	71.6	84.3	87.1	88.9	91.3	92.3	94.6	95.7	95.9	96.3	96.5	96.5	96.7	96.7	96.7	96.7
≥ 400	71.6	84.3	87.2	89.1	91.8	92.6	95.8	97.3	97.5	97.9	98.2	98.3	98.5	98.5	98.6	98.6
≥ 300	71.6	84.3	87.2	89.1	91.8	92.6	95.8	97.4	97.6	98.1	98.4	98.5	98.9	98.9	99.0	99.1
≥ 200	71.6	84.3	87.2	89.1	91.8	92.6	95.8	97.5	97.7	98.2	98.5	98.6	99.0	99.0	99.4	99.5
≥ 100	71.6	84.3	87.2	89.1	91.8	92.6	95.8	97.5	97.7	98.2	98.5	98.6	99.0	99.1	99.7	99.8
≥ 0	71.6	84.3	87.2	89.1	91.8	92.6	95.8	97.5	97.7	98.2	98.5	98.6	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1747 STATION | MARSHALL AAF KS STATION NAME | 56-71,75-79 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	48.9	52.2	52.2	52.5	52.7	53.2	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	52.2	55.7	55.7	56.0	56.5	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	52.2	55.7	55.7	56.0	56.5	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	52.2	55.7	55.7	56.0	56.5	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	52.5	56.0	56.0	56.3	56.8	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	54.4	58.1	58.1	58.4	58.8	59.3	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	59.1	63.3	63.3	63.6	63.7	64.2	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	59.5	63.3	63.3	63.6	64.1	64.6	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	62.1	66.5	66.6	66.9	67.4	67.8	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	63.1	67.7	67.8	68.1	68.6	69.1	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	63.7	68.6	68.7	69.1	69.6	70.1	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	64.4	69.7	69.8	70.3	70.9	71.4	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	64.7	70.3	70.1	70.6	71.2	71.7	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	65.1	71.0	71.2	71.7	72.3	73.0	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	65.9	71.5	71.7	72.2	72.9	73.6	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3000	66.1	72.1	72.5	73.2	74.1	74.8	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500	67.2	73.5	74.0	74.9	75.9	76.5	76.9	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4
≥ 2000	68.3	75.2	76.3	77.2	78.3	79.1	79.6	79.9	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4
≥ 1800	68.9	76.5	77.3	78.1	79.5	80.3	80.7	81.0	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5
≥ 1500	69.2	77.4	78.5	79.7	81.0	81.8	82.4	82.7	82.9	83.0	83.3	83.4	83.4	83.4	83.4	83.4
≥ 1200	70.0	78.7	80.4	81.8	83.4	84.5	85.1	85.4	85.6	85.7	86.0	86.1	86.2	86.2	86.2	86.2
≥ 1000	70.2	79.9	81.8	83.4	84.9	86.1	87.0	87.6	87.8	88.0	88.3	88.4	88.6	88.6	88.6	88.6
≥ 900	70.2	80.5	82.5	84.8	86.5	87.8	89.0	89.7	90.0	90.2	90.6	90.7	91.0	91.0	91.0	91.0
≥ 800	70.2	81.1	83.4	85.7	88.0	89.2	90.5	91.4	91.7	92.1	92.5	92.6	93.0	93.0	93.0	93.0
≥ 700	70.2	81.3	84.0	86.0	88.3	89.7	91.1	92.7	93.0	93.4	93.7	93.8	94.2	94.2	94.2	94.2
≥ 600	70.2	81.5	84.4	86.5	89.0	90.7	92.5	94.1	94.4	95.1	95.6	95.7	96.1	96.1	96.1	96.1
≥ 500	70.3	81.7	84.7	86.9	89.3	91.2	93.4	95.2	95.5	96.2	96.5	97.1	97.7	97.7	97.7	97.7
≥ 400	70.3	81.7	84.7	86.9	89.3	91.3	93.5	95.9	96.1	96.9	97.2	98.0	98.9	98.9	98.9	98.9
≥ 300	70.3	81.7	84.7	86.9	89.3	91.3	93.5	96.0	96.3	97.1	98.1	98.3	99.5	99.5	99.5	99.5
≥ 200	70.3	81.7	84.7	86.9	89.3	91.3	93.5	96.0	96.3	97.1	98.1	98.3	99.5	99.6	99.8	99.8
≥ 100	70.3	81.7	84.7	86.9	89.3	91.3	93.5	96.0	96.3	97.1	98.1	98.3	99.5	99.7	99.9	99.9
≥ 0	70.3	81.7	84.7	86.9	89.3	91.3	93.5	96.0	96.3	97.1	98.1	98.3	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1623

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.6	54.7	54.8	55.2	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	55.7	58.1	58.2	58.6	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	55.9	58.3	58.4	58.7	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	55.9	58.3	58.4	58.7	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	57.2	59.5	59.6	60.0	60.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	60.2	61.7	61.8	62.2	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	65.3	67.9	68.1	68.4	68.9	69.1	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	65.7	68.3	68.4	68.8	69.3	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	67.7	70.6	71.1	71.6	72.0	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	68.2	71.3	71.6	72.1	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1
≥ 6000	69.2	72.3	72.7	73.3	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 5000	69.7	73.7	74.3	75.1	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
≥ 4500	69.8	73.3	74.4	75.2	75.7	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	70.5	74.2	75.4	76.3	77.1	77.4	77.5	77.6	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 3500	70.7	75.1	75.6	76.5	77.3	77.6	77.7	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 3000	71.9	76.0	77.4	78.4	79.3	79.6	79.9	80.0	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 2500	72.7	78.0	78.9	79.9	80.7	81.0	81.3	81.4	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 2000	73.6	80.1	81.2	82.3	83.2	83.5	83.9	84.0	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1800	73.7	81.7	81.7	83.1	84.1	84.4	84.8	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 1500	74.5	82.4	83.2	84.7	85.8	86.1	86.6	86.7	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2
≥ 1200	75.3	83.4	84.6	86.3	87.7	88.2	88.7	88.9	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 1000	75.7	83.9	85.9	87.8	89.5	90.2	91.1	91.4	91.6	91.8	91.9	91.9	92.1	92.1	92.1	92.1
≥ 900	75.7	84.2	86.6	88.5	90.5	91.2	92.2	92.6	92.8	93.0	93.2	93.2	93.4	93.4	93.4	93.4
≥ 800	75.7	84.4	87.1	89.2	91.6	92.4	93.5	94.0	94.2	94.7	95.0	95.0	95.2	95.2	95.2	95.2
≥ 700	75.7	84.9	87.7	89.9	92.5	93.5	95.0	95.6	95.8	96.3	96.6	96.6	96.8	96.8	96.8	96.8
≥ 600	75.7	84.9	87.7	90.1	92.8	93.9	96.2	97.1	97.3	97.8	98.1	98.4	98.6	98.6	98.6	98.6
≥ 500	75.9	85.1	88.0	90.4	93.1	94.2	96.6	97.6	97.8	98.4	99.0	99.3	99.5	99.5	99.5	99.5
≥ 400	75.9	85.1	88.0	90.4	93.1	94.2	96.6	97.6	97.8	98.5	99.3	99.6	99.9	99.9	99.9	99.9
≥ 300	75.9	85.1	88.0	90.4	93.1	94.2	96.7	97.7	97.9	98.6	99.4	99.7	100.0	100.0	100.0	100.0
≥ 200	75.9	85.1	88.0	90.4	93.1	94.2	96.7	97.7	97.8	98.6	99.4	99.7	100.0	100.0	100.0	100.0
≥ 100	75.9	85.1	88.0	90.4	93.1	94.2	96.7	97.7	97.9	98.6	99.4	99.7	100.0	100.0	100.0	100.0
≥ 0	75.9	85.1	88.0	90.4	93.1	94.2	96.7	97.7	97.8	98.6	99.4	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-47 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.9	57.6	58.1	58.3	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	58.3	61.6	62.1	62.4	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	58.6	61.9	62.4	62.7	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	58.6	61.9	62.4	62.7	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	59.3	62.7	63.2	63.5	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	61.5	65.0	65.5	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	66.4	70.5	71.0	71.5	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	66.6	70.7	71.2	71.7	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	69.9	73.4	74.0	74.5	74.7	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	69.8	74.4	75.0	75.5	75.7	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	70.4	75.2	75.9	76.4	76.6	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	71.1	76.4	77.2	77.7	77.9	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	71.1	76.4	77.2	77.8	78.0	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	71.6	77.5	78.3	78.9	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	71.8	78.0	78.8	79.4	79.5	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	72.7	79.3	80.2	80.9	81.1	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 2500	73.3	80.3	81.4	82.1	82.4	82.5	82.8	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 2000	74.5	82.0	83.5	84.2	84.6	84.7	85.2	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 1800	75.0	83.3	84.7	85.5	85.9	86.0	86.6	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1500	75.9	85.3	86.8	87.7	88.6	88.6	89.2	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1200	76.2	86.1	88.3	89.2	90.4	90.6	91.2	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1000	76.3	86.8	89.3	90.5	92.1	92.6	93.4	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 900	76.6	87.2	89.8	91.1	92.7	93.3	94.4	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 800	76.6	87.3	90.0	91.5	93.2	93.9	95.1	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 700	76.6	87.4	90.1	91.7	93.5	94.3	95.7	96.5	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	76.6	87.4	90.2	91.9	94.0	94.9	96.4	97.5	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	76.6	87.4	90.2	91.9	94.4	95.3	97.0	98.2	98.4	98.7	98.9	98.9	99.2	99.2	99.2	99.2
≥ 400	76.6	87.4	90.2	91.9	94.4	95.4	97.2	98.5	98.7	99.0	99.2	99.2	99.7	99.7	99.7	99.7
≥ 300	76.6	87.4	90.2	91.9	94.4	95.4	97.2	98.5	98.7	99.0	99.3	99.3	99.9	99.9	100.0	100.0
≥ 200	76.6	87.4	90.2	91.9	94.4	95.4	97.2	98.5	98.7	99.0	99.3	99.3	99.9	99.9	100.0	100.0
≥ 100	76.6	87.4	90.2	91.9	94.4	95.4	97.2	98.5	98.7	99.0	99.3	99.3	99.9	99.9	100.0	100.0
≥ 0	76.6	87.4	90.2	91.9	94.4	95.4	97.2	98.5	98.7	99.0	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-47 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.1	61.4	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	60.3	64.5	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	60.3	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	60.3	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	60.4	64.9	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	61.4	65.9	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	67.2	72.4	72.7	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	67.4	72.7	73.0	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	69.3	74.4	74.7	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	69.6	75.0	75.3	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	71.2	76.6	76.9	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	71.6	77.3	77.7	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	71.7	77.5	77.9	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	72.6	79.0	79.5	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	73.3	79.7	80.2	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	73.4	80.5	81.0	81.3	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	73.6	82.1	82.9	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	75.0	84.4	85.1	85.5	85.9	86.1	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	75.5	85.1	86.0	86.4	86.9	87.1	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	76.4	87.1	88.0	88.5	89.3	89.6	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	76.6	87.9	89.2	90.0	91.0	91.4	91.7	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	76.6	88.1	89.7	91.9	92.5	93.0	93.3	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 900	76.6	88.2	90.1	91.3	93.0	93.5	93.8	93.9	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5
≥ 800	76.6	88.3	90.5	91.7	93.4	94.3	94.5	94.7	94.7	95.1	95.2	95.3	95.4	95.4	95.4	95.4
≥ 700	76.6	88.7	90.9	92.2	93.9	94.6	95.3	95.6	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3
≥ 600	76.6	89.0	91.2	92.6	94.6	95.3	96.0	96.4	96.4	96.9	97.0	97.1	97.2	97.2	97.2	97.2
≥ 500	76.6	89.0	91.2	92.6	94.6	95.3	96.0	96.8	96.8	97.5	97.6	97.7	97.8	97.8	97.8	97.8
≥ 400	76.6	89.0	91.2	92.6	94.9	95.6	96.4	97.4	97.4	98.0	98.4	98.5	99.0	99.0	99.0	99.0
≥ 300	76.6	89.0	91.2	92.6	94.9	95.6	96.4	97.4	97.4	98.1	98.5	98.6	99.1	99.1	99.1	99.1
≥ 200	76.8	89.0	91.2	92.6	94.9	95.6	96.4	97.4	97.4	98.1	98.5	98.6	99.1	99.1	99.1	99.1
≥ 100	76.8	89.1	91.2	92.6	94.9	95.6	96.4	97.4	97.4	98.1	98.7	98.8	99.4	99.5	99.7	99.7
≥ 0	76.9	89.2	91.2	92.6	94.9	95.6	96.4	97.4	97.4	98.1	98.7	98.8	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AFM 105-4 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.9	62.3	62.5	63.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	61.4	64.7	64.9	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	61.4	64.7	64.9	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	61.4	64.7	64.9	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	61.5	64.8	65.0	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	62.5	65.8	66.0	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	65.4	69.1	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	65.6	69.4	69.6	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	66.8	70.6	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	67.8	71.7	71.8	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	68.4	72.4	72.6	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	70.4	75.1	75.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	70.9	75.6	76.0	76.3	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	72.4	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
≥ 3500	77.1	79.3	79.7	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	78.3	81.8	81.2	81.6	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	78.7	81.8	82.2	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	78.4	84.9	85.1	85.6	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	78.8	85.6	86.1	86.6	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	77.5	87.2	87.7	88.2	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	77.8	88.2	89.1	89.4	89.9	90.2	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	78.3	89.1	90.1	90.6	91.2	91.5	91.7	91.9	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2
≥ 900	79.2	89.6	90.7	91.2	92.0	92.3	92.6	92.8	92.8	92.8	93.1	93.1	93.2	93.2	93.2	93.2
≥ 800	78.3	90.2	91.2	91.7	92.7	93.2	93.5	93.6	93.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0
≥ 700	79.3	90.3	91.7	92.4	93.6	94.1	94.4	94.6	94.6	94.6	95.0	95.0	95.1	95.1	95.1	95.1
≥ 600	78.3	90.4	92.0	92.7	94.0	94.6	95.0	95.3	95.3	95.4	95.9	95.9	96.0	96.0	96.0	96.0
≥ 500	78.4	90.6	92.3	93.0	95.0	95.7	96.2	96.8	96.8	96.9	97.4	97.4	97.5	97.5	97.5	97.5
≥ 400	78.4	90.6	92.3	93.1	95.4	96.1	96.6	97.2	97.2	97.3	97.8	97.8	97.9	97.9	97.9	97.9
≥ 300	78.4	90.6	92.3	93.1	95.4	96.1	96.8	97.3	97.3	97.4	97.8	97.8	98.0	98.1	98.2	98.2
≥ 200	78.4	90.6	92.3	93.1	95.4	96.1	96.6	97.4	97.4	97.6	98.3	98.3	98.7	98.9	99.0	99.0
≥ 100	78.4	90.6	92.3	93.1	95.4	96.1	96.6	97.4	97.4	97.6	98.3	98.4	98.8	99.1	99.1	99.1
≥ 0	78.4	90.6	92.3	93.1	95.4	96.1	96.7	97.5	97.5	97.7	98.4	98.5	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1123

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1347 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | JAN MONTH

ALL HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	54.5	58.2	58.9	59.7	59.9	59.0	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	57.3	61.3	61.6	61.9	62.1	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	57.4	61.4	61.7	62.0	62.2	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	57.4	61.4	61.7	62.0	62.2	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	57.7	61.8	62.1	62.3	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	59.3	63.1	63.4	63.6	63.9	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	63.3	67.7	68.1	68.3	68.6	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	63.6	68.0	68.3	68.6	68.9	69.0	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	65.4	70.1	70.4	70.7	71.0	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	66.3	71.0	71.4	71.7	72.0	72.1	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	67.0	71.9	72.3	72.7	73.0	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	67.2	73.1	73.6	74.0	74.3	74.4	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	68.0	73.3	73.8	74.2	74.5	74.6	74.7	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 4000	69.1	75.3	75.6	76.0	76.4	76.5	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	69.7	75.9	76.4	76.9	77.3	77.4	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	70.9	77.1	77.8	78.3	78.7	78.9	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	71.2	78.4	79.3	79.7	80.2	80.3	80.5	80.7	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9
≥ 2000	72.6	80.9	81.7	82.3	82.9	83.1	83.4	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	73.0	81.7	82.5	83.3	83.9	84.1	84.4	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1500	73.6	83.2	84.2	85.0	85.8	86.1	86.4	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1200	74.3	84.3	85.6	86.5	87.5	87.9	88.3	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 1000	74.7	85.3	86.9	88.0	89.2	89.6	90.1	90.5	90.5	90.7	90.8	90.8	90.9	90.9	90.9	90.9
≥ 900	74.8	85.7	87.7	88.8	90.1	90.7	91.3	91.7	91.8	92.0	92.2	92.2	92.3	92.3	92.3	92.3
≥ 800	74.8	86.1	88.2	89.6	91.1	91.8	92.6	93.1	93.1	93.4	93.6	93.6	93.8	93.8	93.8	93.8
≥ 700	74.9	86.5	88.7	90.2	91.9	92.8	93.6	94.2	94.3	94.7	94.8	94.9	95.1	95.1	95.1	95.1
≥ 600	74.9	86.6	89.0	90.6	92.4	93.2	94.4	95.2	95.3	95.7	96.0	96.1	96.3	96.3	96.3	96.3
≥ 500	75.1	86.8	89.2	90.9	92.9	93.7	95.2	96.2	96.3	96.6	97.1	97.2	97.5	97.5	97.5	97.5
≥ 400	75.1	86.8	89.2	90.9	93.1	94.0	95.6	96.9	97.0	97.6	98.1	98.2	98.6	98.6	98.6	98.6
≥ 300	75.2	86.8	89.2	90.9	93.1	94.0	95.7	97.0	97.1	97.8	98.3	98.5	98.9	99.0	99.0	99.1
≥ 200	75.2	86.8	89.2	90.9	93.1	94.0	95.7	97.0	97.2	97.8	98.5	98.6	99.2	99.2	99.4	99.4
≥ 100	75.2	86.8	89.2	90.9	93.1	94.0	95.7	97.1	97.2	97.9	98.5	98.7	99.3	99.4	99.6	99.7
≥ 0	75.2	86.8	89.2	90.9	93.1	94.0	95.7	97.1	97.3	97.9	98.6	98.7	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 8182

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0600 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ ¼	≥5/16	≥0	
NO CEILING	56.1	62.8	62.9	63.1	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9
≥ 20000	57.4	64.5	64.6	64.8	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.6
≥ 18000	57.4	64.5	64.6	64.8	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.6
≥ 16000	57.4	64.5	64.6	64.8	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.6
≥ 14000	57.5	64.6	64.7	64.9	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7
≥ 12000	58.3	65.3	65.4	65.6	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
≥ 10000	59.4	66.7	66.8	67.0	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7	67.7
≥ 9000	59.3	67.1	67.2	67.4	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.2
≥ 8000	60.1	67.5	67.7	68.0	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.7	68.7
≥ 7000	61.3	68.7	68.9	69.1	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	69.9
≥ 6000	62.6	70.5	70.8	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7
≥ 5000	63.9	72.3	72.5	72.7	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.4
≥ 4500	64.6	73.5	73.8	74.0	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7	74.7
≥ 4000	66.5	76.3	76.6	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.6
≥ 3500	67.4	78.1	78.3	78.6	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.4	79.4
≥ 3000	69.2	80.4	80.6	81.0	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9	81.9
≥ 2500	69.6	81.2	81.4	81.8	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.2
≥ 2000	71.0	82.9	83.2	83.9	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.3
≥ 1800	71.1	83.1	84.1	84.9	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.5
≥ 1500	72.2	84.4	85.5	86.3	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8
≥ 1200	73.3	86.2	87.3	88.2	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.8	89.8
≥ 1000	73.1	86.6	87.6	88.6	89.8	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.4	90.4
≥ 900	73.3	87.0	88.3	89.4	90.5	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.3
≥ 800	73.7	87.4	88.9	90.0	91.3	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.0	92.0
≥ 700	73.7	87.4	89.2	90.6	92.0	92.4	92.5	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1
≥ 600	73.7	87.4	89.4	90.9	92.3	92.6	92.8	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.4	93.4
≥ 500	73.7	87.5	89.5	91.1	92.8	93.2	93.4	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.4	94.5
≥ 400	73.7	87.6	89.6	91.2	93.0	93.4	93.8	94.4	94.4	94.6	94.7	94.8	95.1	95.1	95.2	95.3
≥ 300	73.7	87.6	89.7	91.3	93.1	93.7	94.0	94.7	94.7	95.1	95.4	95.5	95.8	95.8	95.9	96.3
≥ 200	73.7	87.7	89.9	91.5	93.4	94.0	94.3	95.1	95.1	95.7	96.0	96.6	97.2	97.2	97.5	98.2
≥ 100	73.7	87.7	89.9	91.5	93.4	94.0	94.3	95.1	95.1	95.7	96.1	96.7	97.5	97.7	98.3	99.6
≥ 0	73.7	87.7	89.9	91.5	93.4	94.0	94.3	95.1	95.1	95.7	96.1	96.7	97.5	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	MARSHALL AAF KS	66-71,75-79	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.3	81.4	81.6	81.6	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3
≥ 20000	55.9	63.4	63.7	63.7	64.0	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 18000	55.9	63.4	63.7	63.7	64.0	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 16000	55.9	63.4	63.7	63.7	64.0	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 14000	55.9	63.4	63.7	63.7	64.0	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 12000	56.2	63.7	64.0	64.0	64.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0
≥ 10000	57.5	65.1	65.4	65.4	65.8	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4
≥ 9000	57.5	65.4	65.8	65.8	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 8000	57.5	65.9	66.4	66.4	66.7	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
≥ 7000	58.7	66.7	67.3	67.3	67.6	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4
≥ 6000	59.3	67.8	68.4	68.4	68.8	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5
≥ 5000	60.2	69.2	69.8	69.8	70.2	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9
≥ 4500	61.7	72.4	72.9	72.9	73.4	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1
≥ 4000	63.5	73.4	74.1	74.2	74.7	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 3500	74.5	74.5	75.3	75.5	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9
≥ 3000	76.3	75.6	77.4	77.5	78.0	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9
≥ 2500	67.3	77.6	78.4	78.7	79.2	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3
≥ 2000	68.3	79.4	80.4	80.7	81.3	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3
≥ 1800	69.2	80.4	81.6	81.9	82.5	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5
≥ 1500	69.4	81.6	83.2	83.5	84.4	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥ 1200	70.3	83.5	85.2	85.5	86.4	86.9	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.8
≥ 1000	70.3	84.7	86.4	87.1	88.4	88.8	89.2	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.9
≥ 900	71.2	85.6	87.3	87.9	89.2	89.7	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.9
≥ 800	71.4	85.9	87.6	88.5	89.8	90.2	90.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.4
≥ 700	71.4	85.9	87.6	88.6	90.0	90.4	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 600	71.4	85.9	87.9	89.0	90.4	90.9	91.6	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 500	71.4	86.0	88.3	89.6	91.3	91.7	92.6	92.7	92.7	93.0	93.2	93.2	93.4	93.4	93.4	93.6
≥ 400	71.4	86.1	88.6	90.0	92.0	92.5	93.3	93.6	93.9	94.3	94.6	94.8	95.2	95.3	95.3	95.5
≥ 300	71.4	86.2	88.8	90.2	92.2	92.7	93.6	94.2	94.4	95.0	96.0	96.3	96.8	96.9	96.9	97.2
≥ 200	71.4	86.2	88.9	90.3	92.4	92.8	94.1	94.6	94.6	95.6	96.7	97.3	97.8	98.1	98.2	98.6
≥ 100	71.4	86.2	88.9	90.3	92.4	92.8	94.1	94.6	94.8	95.6	96.8	97.4	98.4	98.6	99.0	99.7
≥ 0	71.4	86.2	88.9	90.3	92.4	92.8	94.1	94.6	94.8	95.6	96.8	97.4	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-47 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.1	56.7	57.6	58.0	58.4	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9
≥ 20000	50.2	59.3	59.0	59.5	59.9	59.9	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8
≥ 18000	50.2	58.0	59.0	59.5	59.9	59.9	60.3	60.5	60.5	60.6	60.8	60.6	60.6	60.6	60.6	60.8
≥ 16000	50.2	58.0	59.0	59.5	59.9	59.9	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8
≥ 14000	50.4	58.3	59.4	59.8	60.2	60.2	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1
≥ 12000	50.5	58.4	59.5	59.9	60.3	60.3	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 10000	51.6	59.9	61.0	61.4	61.8	61.9	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 9000	52.3	60.3	61.4	61.8	62.3	62.4	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 8000	53.7	61.8	63.0	63.4	63.9	64.0	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 7000	55.2	63.3	64.6	65.1	65.5	65.6	66.1	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 6000	55.3	64.3	65.6	66.1	66.6	66.7	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 5000	56.6	65.6	67.1	67.5	68.1	68.2	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 4500	57.2	66.2	67.8	68.2	68.7	68.8	69.5	69.7	69.7	69.8	69.8	69.8	69.9	69.8	69.9	69.9
≥ 4000	57.8	68.8	70.5	71.0	71.5	71.7	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 3500	59.3	69.2	70.8	71.4	71.9	72.2	72.9	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥ 3000	60.9	71.3	73.1	73.9	74.5	74.7	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.1
≥ 2500	61.5	72.3	74.0	74.8	75.6	75.8	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 2000	65.1	74.9	76.9	77.7	78.6	78.8	79.6	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1
≥ 1800	67.5	75.7	77.7	78.6	79.6	79.8	80.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥ 1500	68.4	77.2	79.4	80.6	81.8	82.2	83.1	83.4	83.5	83.8	83.8	83.8	83.9	83.9	83.9	84.0
≥ 1200	75.3	78.6	81.4	83.1	84.5	84.9	85.9	86.3	86.5	86.7	86.7	86.7	86.8	86.8	86.9	86.9
≥ 1000	75.6	79.4	82.4	84.2	85.7	86.1	87.1	87.5	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.2
≥ 900	75.8	79.9	83.1	85.1	86.7	87.1	88.2	88.7	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.4
≥ 800	76.1	80.5	83.8	85.8	87.7	88.2	89.2	90.0	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6
≥ 700	85.9	91.1	94.2	96.2	89.5	86.9	90.1	90.9	91.0	91.2	91.3	91.3	91.4	91.5	91.5	91.6
≥ 600	86.0	81.4	84.6	87.0	89.6	90.1	91.7	92.8	92.9	93.2	93.3	93.3	93.4	93.5	93.5	93.7
≥ 500	86.1	81.5	85.1	87.4	90.6	91.2	92.8	94.0	94.1	94.5	94.8	94.9	95.1	95.2	95.2	95.3
≥ 400	86.2	82.0	85.7	88.1	91.4	91.9	93.9	95.1	95.6	96.1	96.9	97.3	97.5	97.6	97.6	97.7
≥ 300	86.2	82.0	85.7	88.1	91.4	91.9	93.9	95.2	95.7	96.5	97.2	97.7	98.6	98.7	98.7	98.8
≥ 200	86.2	82.3	85.7	88.1	91.4	91.9	93.9	95.3	95.5	96.7	97.5	98.1	99.1	99.2	99.4	99.7
≥ 100	86.2	82.3	85.7	88.1	91.4	91.9	93.9	95.3	95.8	96.7	97.5	98.1	99.1	99.2	99.5	99.8
≥ 0	86.2	82.3	85.7	88.1	91.4	91.9	93.9	95.3	95.8	96.7	97.5	98.1	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 536

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 | MARSHALL AAF KS | 66-71,75-79 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.1	51.2	51.1	51.3	51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	52.1
≥ 20000	49.5	53.7	53.9	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.9
≥ 18000	49.6	53.9	53.9	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.8
≥ 16000	49.6	53.9	53.9	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.8
≥ 14000	49.7	53.1	54.0	54.2	54.5	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.9	54.9
≥ 12000	50.0	53.4	54.3	54.5	54.8	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.2	55.3
≥ 10000	52.6	56.8	57.6	57.8	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.7	58.8
≥ 9000	52.9	57.1	58.0	58.2	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9	58.9	59.0	59.1
≥ 8000	55.4	59.7	60.6	60.9	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.8	61.9
≥ 7000	57.2	61.8	62.8	63.0	63.4	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9	64.0	64.1
≥ 6000	57.5	62.2	63.3	63.5	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.7
≥ 5000	59.4	64.4	65.6	65.9	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.2
≥ 4500	60.1	65.5	66.7	67.0	67.6	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.2	68.3
≥ 4000	61.3	67.5	68.8	69.1	69.8	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.5
≥ 3500	62.2	68.4	69.9	70.2	71.0	71.1	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.7	71.8
≥ 3000	63.0	69.6	71.2	71.6	72.7	72.8	73.1	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.5	73.7
≥ 2500	63.8	70.3	72.2	72.8	73.9	74.0	74.3	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.7	74.8
≥ 2000	64.9	71.5	73.9	74.4	75.6	75.8	76.2	76.2	76.3	76.6	76.6	76.6	76.7	76.7	76.8	76.9
≥ 1800	65.3	72.0	74.4	75.2	76.5	76.7	77.2	77.2	77.3	77.5	77.5	77.5	77.6	77.6	77.7	77.8
≥ 1500	66.5	74.1	76.6	77.7	79.5	79.9	80.6	81.0	81.1	81.4	81.5	81.5	81.7	81.7	81.8	81.9
≥ 1200	67.4	76.2	79.6	81.0	82.7	83.1	83.9	84.3	84.5	84.8	84.9	84.9	85.2	85.2	85.3	85.4
≥ 1000	67.5	77.1	80.5	81.9	84.0	84.6	85.4	85.9	86.3	86.7	86.8	86.8	87.1	87.1	87.2	87.3
≥ 900	67.5	77.3	80.8	82.4	84.8	85.6	86.9	87.5	88.0	88.3	88.5	88.6	88.9	89.0	89.1	89.2
≥ 800	67.6	77.7	81.3	83.0	85.8	87.1	88.4	89.1	89.6	89.9	90.3	90.3	90.8	90.8	90.9	91.0
≥ 700	67.7	78.2	82.0	83.9	86.9	88.2	89.5	90.3	90.8	91.2	91.6	91.6	92.0	92.0	92.2	92.3
≥ 600	67.7	78.3	82.3	84.2	87.4	88.9	90.4	91.8	92.3	93.0	93.5	93.8	94.2	94.2	94.3	94.4
≥ 500	67.7	78.3	82.3	84.2	87.5	89.0	90.8	92.6	93.1	94.2	95.2	95.2	95.9	96.0	96.3	96.6
≥ 400	67.7	78.3	82.3	84.2	87.5	89.1	91.3	93.1	93.7	95.1	96.5	96.6	97.4	97.5	97.9	98.1
≥ 300	67.7	78.3	82.3	84.2	87.5	89.1	91.3	93.2	93.9	95.4	96.8	97.0	98.2	98.3	98.6	98.9
≥ 200	67.7	78.3	82.3	84.2	87.5	89.1	91.3	93.2	93.9	95.5	97.0	97.2	98.6	98.7	99.0	99.3
≥ 100	67.7	78.3	82.3	84.2	87.5	89.1	91.3	93.2	93.9	95.5	97.0	97.2	98.6	98.7	99.0	99.4
≥ 0	67.7	78.3	82.3	84.2	87.5	89.1	91.3	93.2	93.9	95.5	97.0	97.2	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 41 | MARSHALL AAF KS | 66-71,75-79 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.5	54.6	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	.4	56.1	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	.4	58.1	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	.4	58.1	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	.5	58.7	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	.5	59.2	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	5.7	63.2	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	6.1	63.6	64.3	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	1.3	65.7	66.6	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	2.7	67.1	68.0	68.3	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	3.4	68.4	69.4	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	5.4	71.2	71.3	71.6	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	6.0	71.3	72.5	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
≥ 4000	6.6	73.4	74.7	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	8.1	74.0	75.5	76.1	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	8.7	74.8	76.5	77.1	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	10.4	76.0	78.4	79.1	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	11.3	76.6	80.9	81.5	81.8	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	11.7	79.5	81.6	82.4	82.7	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	12.3	81.2	83.4	84.4	84.8	85.1	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	12.8	82.4	85.7	86.3	87.0	87.5	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	13.1	83.7	86.3	87.7	89.0	89.8	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	13.3	84.1	87.4	88.9	90.3	91.2	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	13.5	84.2	87.8	89.4	91.0	92.3	93.3	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 700	13.4	84.4	88.4	90.0	92.2	93.4	94.8	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 600	13.4	84.4	88.5	90.1	92.5	93.9	95.7	96.8	96.9	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 500	13.5	84.5	88.6	90.2	92.6	94.3	95.8	97.1	97.1	98.0	98.1	98.1	98.5	98.5	98.5	98.5
≥ 400	13.5	84.5	88.6	90.2	92.6	94.3	95.9	97.1	97.3	98.2	98.5	98.6	99.1	99.1	99.1	99.1
≥ 300	13.5	84.5	88.6	90.2	92.6	94.3	95.9	97.1	97.3	98.2	98.5	98.6	99.1	99.1	99.1	99.1
≥ 200	13.5	84.5	88.6	90.2	92.6	94.3	95.9	97.1	97.3	98.2	98.6	98.7	99.2	99.4	99.6	99.6
≥ 100	13.5	84.5	88.6	90.2	92.6	94.3	95.9	97.1	97.3	98.2	98.6	98.7	99.4	99.6	99.9	99.9
≥ 0	13.5	84.5	88.6	90.2	92.6	94.3	95.9	97.1	97.3	98.2	98.6	98.7	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] PROCESSING BRANCH
USAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13743 | MARSHALL AAF KS | 66-71,75-79 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2100
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	57.8	58.7	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	57.9	58.7	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	57.9	58.7	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	58.2	61.0	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	58.9	61.9	62.7	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	62.1	65.1	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	62.1	65.2	66.1	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
≥ 8000	65.4	66.8	69.6	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	66.1	69.5	70.5	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 6000	67.1	71.3	72.3	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	68.9	73.4	74.5	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	69.6	74.2	75.3	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	70.8	76.3	77.2	77.3	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	71.2	76.7	78.1	78.1	79.8	79.9	79.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	72.8	78.9	80.3	80.4	81.0	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	73.8	80.2	81.6	81.9	82.5	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	75.1	82.8	84.5	84.9	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	75.4	83.4	85.1	85.7	86.5	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	76.1	86.1	88.0	88.6	89.4	89.5	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	76.9	87.3	89.4	90.3	91.4	91.6	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	76.9	87.5	90.1	91.1	92.3	93.2	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	76.9	87.5	90.5	91.5	92.8	93.6	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	76.9	87.6	91.0	91.6	93.0	94.0	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	76.9	87.6	90.6	91.6	93.4	94.5	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	76.9	87.8	90.9	91.9	94.1	95.3	96.9	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	76.9	87.8	90.9	91.9	94.1	95.3	97.0	97.5	97.6	98.2	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	76.9	87.8	90.9	91.9	94.1	95.3	97.0	97.5	97.6	98.2	98.5	98.5	98.7	98.7	98.7	98.7
≥ 300	76.9	87.8	90.9	91.9	94.1	95.3	97.0	97.5	97.6	98.3	98.7	98.7	99.0	99.1	99.1	99.1
≥ 200	76.9	87.8	90.9	91.9	94.1	95.3	97.0	97.5	97.6	98.3	98.7	98.7	99.2	99.4	99.6	99.6
≥ 100	76.9	87.8	90.9	91.9	94.1	95.3	97.0	97.5	97.6	98.3	98.7	98.8	99.5	99.6	100.0	100.0
≥ 0	76.9	87.8	90.9	91.9	94.1	95.3	97.0	97.5	97.6	98.3	98.7	98.8	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

[illegible] BRANCH
[illegible]
[illegible] STATION SERVICE (MAC)

CEILING VERSUS VISIBILITY

[illegible] STATION | MARSHALL AAF AS STATION NAME | 65-71,75-79 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	56.2	59.9	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	60.1
≥ 20000	56.3	62.3	63.1	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
≥ 18000	56.3	62.3	63.1	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
≥ 16000	56.3	62.3	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	56.3	62.3	63.1	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
≥ 12000	56.5	62.9	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	61.9	66.3	67.1	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 9000	62.0	66.5	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	64.7	69.2	70.3	70.6	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	66.1	70.9	71.7	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	66.9	71.9	72.9	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	67.8	73.2	74.3	74.9	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	68.1	73.4	74.5	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	68.6	75.4	76.5	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	69.8	75.6	76.8	77.4	77.6	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	71.2	76.4	77.7	80.4	80.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	72.3	79.8	81.1	81.8	82.0	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	74.2	83.1	84.5	85.6	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	74.4	83.9	85.5	86.6	87.0	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	75.4	85.9	87.7	88.9	90.0	90.1	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	75.5	86.1	88.0	89.5	90.6	90.8	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	75.6	86.5	88.4	90.1	91.4	91.6	92.2	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	75.7	86.8	88.8	90.8	92.0	92.3	93.1	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	75.7	86.9	88.9	91.1	92.4	92.8	93.8	94.3	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8
≥ 700	75.7	87.1	89.4	91.4	92.9	93.3	94.4	95.2	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 600	75.7	87.1	89.5	91.5	93.2	93.9	94.9	95.7	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.3
≥ 500	75.7	87.1	89.5	91.6	93.8	94.4	95.6	96.6	96.6	97.1	97.3	97.4	97.6	97.6	97.6	97.6
≥ 400	75.7	87.1	89.5	91.6	93.8	94.4	95.6	96.6	96.6	97.1	97.5	97.7	98.2	98.2	98.2	98.2
≥ 300	75.7	87.1	89.5	91.6	93.8	94.4	95.6	96.8	96.8	97.4	98.1	98.5	99.0	99.0	99.0	99.1
≥ 200	75.7	87.1	89.5	91.6	93.8	94.4	95.6	96.8	96.8	97.4	98.2	98.6	99.2	99.4	99.6	99.7
≥ 100	75.7	87.1	89.5	91.6	93.8	94.4	95.6	96.8	96.8	97.4	98.2	98.6	99.5	99.6	99.9	100.0
≥ 0	75.7	87.1	89.5	91.6	93.8	94.4	95.6	96.8	96.8	97.4	98.2	98.6	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

DATA PROCESSING BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-71,75-79 (YEARS) FEB (MONTH)

0100-2400 (HOURS L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	57.2	62.4	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.5
≥ 20000	59.4	64.8	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.2
≥ 18000	59.4	64.8	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.2
≥ 16000	59.4	64.8	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.2
≥ 14000	59.4	64.8	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.2
≥ 12000	59.6	65.4	65.9	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.8
≥ 10000	61.6	67.5	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.4
≥ 9000	61.7	67.6	68.5	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.5
≥ 8000	62.8	69.0	69.9	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.8	70.8	70.8	70.9
≥ 7000	64.3	71.0	71.9	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.8
≥ 6000	64.9	71.8	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.7
≥ 5000	66.2	73.3	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.2
≥ 4500	66.3	74.1	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.9
≥ 4000	68.1	76.3	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.1	78.1	78.1	78.2
≥ 3500	69.2	78.2	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.8
≥ 3000	70.5	79.9	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.9
≥ 2500	71.5	81.3	82.7	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.7	83.7	83.7	83.8
≥ 2000	73.2	84.4	86.0	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.2	87.2	87.3
≥ 1800	77.3	94.9	96.7	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.1
≥ 1500	78.3	96.3	98.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 1200	78.3	97.3	99.3	99.6	100.3	100.4	100.5	100.5	100.5	100.5	100.6	100.6	100.8	100.8	100.8	100.9
≥ 1000	78.3	97.3	99.4	99.8	100.4	100.5	101.0	101.1	101.1	101.1	101.1	101.2	101.2	101.3	101.3	101.4
≥ 900	78.6	98.0	100.2	100.6	101.1	101.8	101.9	102.0	102.0	102.0	102.0	102.2	102.2	102.3	102.3	102.4
≥ 800	78.6	98.2	100.6	101.0	101.6	102.6	102.8	102.9	102.9	102.9	102.9	103.0	103.0	103.1	103.1	103.2
≥ 700	78.6	98.2	100.6	101.0	101.9	103.1	103.3	104.2	104.2	104.2	104.3	104.4	104.4	104.5	104.5	104.6
≥ 600	78.6	98.2	100.9	101.3	102.3	103.7	103.9	104.8	104.8	104.8	104.9	105.1	105.1	105.2	105.2	105.3
≥ 500	78.6	98.2	101.0	101.4	102.5	104.0	104.4	105.9	105.9	105.9	106.0	106.2	106.2	106.3	106.3	106.5
≥ 400	78.6	98.2	100.9	101.3	102.5	104.0	104.4	106.2	106.2	106.2	106.3	106.6	107.0	107.3	107.3	107.4
≥ 300	78.6	98.2	100.9	101.3	102.5	104.0	104.4	106.2	106.3	106.3	106.6	107.3	107.5	107.8	107.8	108.1
≥ 200	78.6	98.2	100.9	101.3	102.5	104.0	104.4	106.2	106.3	106.3	106.6	107.4	107.8	108.2	108.4	108.7
≥ 100	78.6	98.2	100.9	101.3	102.5	104.0	104.4	106.2	106.3	106.3	106.6	107.5	108.0	108.4	108.7	109.0
≥ 0	78.6	98.2	100.9	101.3	102.5	104.0	104.4	106.2	106.3	106.3	106.6	107.5	108.0	108.4	108.7	109.0

TOTAL NUMBER OF OBSERVATIONS 336

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13944 | MARSHALL AAF KS | 65-71,75-79 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	53.2	58.1	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3
≥ 20000	59.4	60.8	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 18000	59.4	60.8	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 16000	59.4	60.8	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 14000	59.6	61.0	61.4	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 12000	59.9	61.3	61.9	62.2	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
≥ 10000	63.2	63.9	64.5	64.7	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 9000	63.4	64.1	64.8	65.0	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 8000	67.1	66.3	66.9	67.0	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8
≥ 7000	67.4	67.4	68.1	68.5	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.3
≥ 6000	69.3	69.5	69.4	69.7	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 5000	69.6	70.2	71.1	71.5	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4
≥ 4500	64.2	71.1	72.0	72.4	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3
≥ 4000	65.9	73.4	74.4	74.8	75.3	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 3500	66.7	74.3	75.4	75.8	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9
≥ 3000	67.8	76.2	77.4	77.9	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1
≥ 2500	68.7	77.4	78.7	79.3	79.9	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.6
≥ 2000	70.1	79.7	81.3	81.9	82.5	82.7	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1800	70.4	80.4	82.1	82.8	83.5	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 1500	71.3	82.1	84.1	84.9	85.9	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	87.0
≥ 1200	71.9	83.5	85.6	86.7	87.8	88.1	88.6	88.6	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.2
≥ 1000	72.1	84.1	86.4	87.6	88.9	89.4	90.0	90.2	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.7
≥ 900	72.3	84.5	87.1	88.4	89.8	90.3	91.0	91.3	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.8
≥ 800	72.4	84.8	87.5	88.9	90.4	91.1	91.9	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.8	92.8
≥ 700	72.4	85.1	87.8	89.3	91.1	91.8	92.8	93.3	93.4	93.7	93.7	93.7	93.9	93.9	93.9	94.0
≥ 600	72.4	85.1	88.1	89.6	91.6	92.4	93.6	94.3	94.4	94.7	94.8	94.9	95.0	95.0	95.0	95.1
≥ 500	72.5	85.1	88.1	89.8	92.1	92.9	94.2	95.0	95.1	95.6	95.9	96.0	96.2	96.2	96.3	96.4
≥ 400	72.5	85.2	88.2	90.0	92.3	93.1	94.6	95.5	95.7	96.2	96.7	96.9	97.3	97.4	97.4	97.5
≥ 300	72.5	85.2	88.3	90.0	92.3	93.2	94.7	95.6	95.8	96.3	97.2	97.5	98.1	98.1	98.2	98.3
≥ 200	72.5	85.2	88.3	90.0	92.4	93.2	94.8	95.7	96.0	96.7	97.5	97.9	98.6	98.7	99.0	99.3
≥ 100	72.5	85.2	88.3	90.0	92.4	93.2	94.8	95.7	96.1	96.7	97.6	97.9	98.8	99.1	99.3	99.8
≥ 0	72.5	85.2	88.3	90.0	92.4	93.2	94.9	95.7	96.1	96.7	97.6	97.9	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

DATA PROCESSING BRANCH
USAF ETAC
AFOS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

0000-2400 (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.5	63.3	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5
≥ 20000	62.5	67.2	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1
≥ 18000	62.8	67.5	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1
≥ 16000	62.8	67.5	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1
≥ 14000	62.8	67.5	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1
≥ 12000	62.9	67.2	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3
≥ 10000	64.7	69.0	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2
≥ 9000	65.4	69.7	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9
≥ 8000	67.3	71.6	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7
≥ 7000	68.4	72.9	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥ 6000	69.7	74.3	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5
≥ 5000	71.3	76.1	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4
≥ 4500	71.7	76.7	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2
≥ 4000	73.5	78.8	79.7	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 3500	75.1	80.7	81.6	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6
≥ 3000	77.0	83.3	84.3	84.8	85.0	85.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4
≥ 2500	77.6	84.4	85.3	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5
≥ 2000	78.1	85.5	86.6	87.6	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.3	88.3
≥ 1800	78.8	86.3	87.4	88.6	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3
≥ 1500	79.5	87.9	89.1	90.2	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3
≥ 1200	80.4	89.8	91.1	92.7	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7
≥ 1000	80.5	90.7	92.2	93.9	94.5	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.1
≥ 900	80.7	91.1	92.9	94.7	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.3	96.3
≥ 800	81.1	91.6	93.7	95.7	96.6	96.7	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6
≥ 700	81.0	91.9	94.1	96.1	97.0	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
≥ 600	81.0	92.0	94.2	96.2	97.2	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.3
≥ 500	81.0	92.1	94.3	96.3	97.6	97.7	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.8	98.8
≥ 400	81.3	92.1	94.3	96.3	97.7	97.8	98.4	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.2	99.2
≥ 300	81.0	92.1	94.3	96.3	97.7	97.8	98.4	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.2	99.2
≥ 200	81.0	92.1	94.3	96.3	97.7	97.8	98.4	98.6	98.7	98.8	98.8	98.9	99.1	99.2	99.3	99.6	99.6
≥ 100	81.3	92.1	94.3	96.3	97.7	97.8	98.4	98.6	98.7	98.8	98.8	98.9	99.2	99.3	99.5	99.9	99.9
≥ 0	81.3	92.1	94.3	96.3	97.7	97.8	98.4	98.6	98.7	98.8	98.8	98.9	99.2	99.3	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13247 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-2500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.2	61.1	61.6	62.3	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.8
≥ 20000	58.5	63.9	64.5	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.7
≥ 18000	58.5	63.9	64.5	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.7
≥ 16000	58.5	63.9	64.5	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.7
≥ 14000	58.5	63.9	64.5	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.7
≥ 12000	58.6	64.0	64.6	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.8
≥ 10000	59.9	65.5	66.0	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.2
≥ 9000	60.8	66.3	66.9	67.6	67.7	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.1
≥ 8000	63.0	68.6	69.2	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.4
≥ 7000	64.4	70.0	70.5	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.7
≥ 6000	65.2	70.8	71.4	72.1	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.6
≥ 5000	67.7	73.6	74.6	75.3	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.9
≥ 4500	68.5	74.4	75.3	76.2	76.4	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.8
≥ 4000	71.2	77.6	78.6	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9	80.0
≥ 3500	71.9	78.5	79.5	80.4	80.6	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	81.0
≥ 3000	73.2	80.1	81.3	82.3	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	83.0
≥ 2500	73.9	81.0	82.3	83.4	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1
≥ 2000	75.2	82.8	84.1	85.3	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.2
≥ 1800	75.6	83.4	84.6	85.9	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.9
≥ 1500	76.4	85.2	86.5	87.8	88.5	88.5	88.6	88.6	88.7	88.9	88.9	88.9	88.9	89.0	89.0	89.1
≥ 1200	77.3	87.4	88.7	90.1	91.2	91.2	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.9
≥ 1000	77.7	88.1	89.4	90.8	92.2	92.2	92.3	92.4	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.9
≥ 900	77.7	88.6	90.2	91.6	93.1	93.1	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.7
≥ 800	78.1	89.5	91.1	92.6	94.1	94.2	94.3	94.6	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.1
≥ 700	78.2	90.1	91.8	93.3	95.2	95.3	95.4	95.7	95.8	96.1	96.1	96.1	96.1	96.2	96.2	96.3
≥ 600	78.6	90.4	92.1	93.6	95.5	95.6	95.8	96.2	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.8
≥ 500	78.9	90.9	92.7	94.4	96.4	96.5	97.0	97.4	97.5	97.7	97.7	97.7	97.9	98.0	98.0	98.1
≥ 400	78.9	90.9	92.7	94.4	96.6	96.7	97.2	97.7	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.6
≥ 300	78.9	90.9	92.7	94.4	96.6	96.7	97.3	97.9	98.0	98.4	98.5	98.5	98.7	98.9	98.9	99.0
≥ 200	78.9	90.9	92.7	94.4	96.6	96.7	97.3	97.9	98.0	98.6	98.7	98.7	99.0	99.2	99.2	99.3
≥ 100	78.9	90.9	92.7	94.4	96.6	96.7	97.3	97.9	98.0	98.6	98.7	98.7	99.0	99.2	99.6	99.8
≥ 0	78.9	90.9	92.7	94.4	96.6	96.7	97.3	97.9	98.0	98.6	98.7	98.7	99.0	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING BRANCH
USAF ETAC
AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.6	52.2	53.0	53.9	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.0
≥ 20000	50.5	55.7	56.5	57.4	57.9	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.6
≥ 18000	50.5	55.7	56.5	57.4	57.9	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.6
≥ 16000	50.5	55.7	56.5	57.4	57.9	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.6
≥ 14000	50.5	55.7	56.6	57.5	58.0	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 12000	52.1	57.3	58.3	59.3	59.7	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4
≥ 10000	54.1	59.5	60.5	61.5	62.0	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.7
≥ 9000	55.1	60.6	61.6	62.6	63.1	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.8
≥ 8000	57.6	63.2	64.2	65.1	65.6	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.3
≥ 7000	59.4	65.0	66.0	67.0	67.5	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.2
≥ 6000	60.9	66.6	67.6	68.6	69.0	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.7
≥ 5000	62.6	68.8	69.8	70.9	71.4	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 4500	63.6	69.7	71.0	72.1	72.6	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.4
≥ 4000	65.6	72.5	74.0	75.1	75.6	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.6
≥ 3500	66.7	73.8	75.4	76.5	77.0	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0
≥ 3000	68.0	75.3	77.1	78.3	78.8	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	80.0
≥ 2500	69.4	77.5	79.2	80.4	81.0	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.2
≥ 2000	70.3	79.4	81.4	82.6	83.3	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.7
≥ 1800	71.2	79.9	81.9	83.1	83.8	84.4	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.2
≥ 1500	71.9	81.0	83.3	84.4	85.5	86.1	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.9
≥ 1200	73.1	82.7	85.0	86.3	87.6	88.1	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	89.1
≥ 1000	73.5	83.5	86.5	87.9	89.2	89.9	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	91.0
≥ 900	73.9	84.6	87.9	89.8	91.5	92.4	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.7
≥ 800	73.6	85.3	88.6	90.7	92.5	93.4	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.9
≥ 700	73.6	85.3	88.9	91.1	92.9	93.9	94.9	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	96.0
≥ 600	73.6	85.3	88.9	91.2	93.3	94.5	95.6	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.8
≥ 500	73.6	85.3	88.9	91.3	93.4	94.7	96.2	96.9	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.7
≥ 400	73.6	85.4	89.0	91.4	93.7	95.1	96.6	97.3	97.4	97.6	97.9	98.0	98.0	98.0	98.0	98.3
≥ 300	73.6	85.4	89.0	91.4	93.8	95.2	96.7	97.6	97.9	98.5	98.8	98.9	99.0	99.0	99.0	99.3
≥ 200	73.6	85.4	89.0	91.4	93.8	95.2	96.7	97.6	97.9	98.6	98.9	99.0	99.3	99.3	99.3	99.6
≥ 100	73.6	85.4	89.0	91.4	93.8	95.2	96.7	97.6	97.9	98.6	98.9	99.0	99.3	99.4	99.4	100.0
≥ 0	73.6	85.4	89.0	91.4	93.8	95.2	96.7	97.6	97.9	98.6	98.9	99.0	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

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

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 56-71,75-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.5	53.7	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	55.3	57.8	58.4	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	55.3	57.8	58.4	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	55.3	57.8	58.4	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	55.3	57.9	58.4	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	56.4	59.0	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	59.1	61.0	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	59.9	61.9	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	61.5	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	63.1	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	64.2	67.5	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	65.7	69.3	69.6	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4500	66.1	69.4	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	67.7	71.7	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	68.6	72.7	73.5	74.3	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	71.1	75.4	76.1	76.9	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 2500	71.7	76.7	77.5	78.7	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 2000	74.6	80.8	81.7	83.0	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 1800	75.8	82.2	83.2	84.6	85.0	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 1500	76.7	83.4	84.4	85.8	86.4	86.4	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 1200	78.3	86.1	87.4	89.2	90.3	90.6	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 1000	78.9	86.4	88.1	89.9	91.7	92.3	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 900	79.1	86.7	88.5	90.5	92.6	93.2	93.7	93.8	93.8	94.0	94.1	94.2	94.2	94.2	94.3	94.3
≥ 800	78.3	86.9	89.1	91.4	94.0	94.6	95.2	95.3	95.3	95.5	95.7	95.8	95.8	95.8	95.9	95.9
≥ 700	79.2	86.9	89.1	91.6	94.3	94.9	95.7	95.8	95.8	96.1	96.3	96.4	96.5	96.5	96.6	96.6
≥ 600	78.3	86.9	89.1	91.6	94.6	95.3	96.1	96.5	96.5	96.8	97.0	97.1	97.3	97.4	97.5	97.5
≥ 500	79.0	87.0	89.1	91.7	94.7	95.6	96.6	97.3	97.3	97.6	98.0	98.1	98.3	98.4	98.5	98.5
≥ 400	78.1	87.1	89.2	91.8	94.8	95.7	96.8	97.5	97.5	97.9	98.6	98.7	98.9	99.0	99.1	99.1
≥ 300	78.1	87.1	89.2	91.8	94.8	95.8	96.9	97.6	97.6	98.2	98.9	99.0	99.3	99.4	99.5	99.5
≥ 200	78.1	87.1	89.2	91.8	94.8	95.8	96.9	97.6	97.6	98.3	99.0	99.1	99.4	99.5	99.6	99.7
≥ 100	78.1	87.1	89.2	91.8	94.8	95.8	96.9	97.6	97.6	98.3	99.0	99.1	99.4	99.5	99.6	99.9
≥ 0	75.1	87.1	89.2	91.8	94.8	95.8	96.9	97.6	97.6	98.3	99.0	99.1	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.5	54.6	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	54.9
≥ 20000	57.7	60.1	61.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	57.9	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	57.9	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	58.2	60.6	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	58.5	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	60.8	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	61.3	63.9	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	63.4	66.3	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	64.7	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	68.0
≥ 6000	65.5	68.5	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	66.4	69.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4500	66.5	69.7	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	67.6	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	69.5	72.9	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	74.1	78.1	78.4	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	77.3	82.1	82.6	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	80.3	86.3	87.1	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	80.8	87.2	88.0	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	81.3	88.7	89.5	90.2	90.5	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	81.9	89.9	91.3	92.4	92.8	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	81.9	90.4	92.2	93.3	94.2	94.6	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	82.0	90.8	92.7	94.0	95.1	95.6	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	82.1	90.9	92.8	94.1	95.3	95.8	96.5	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	82.2	91.0	93.0	94.3	95.6	96.1	96.9	97.3	97.4	97.5	97.6	97.6	97.5	97.7	97.7	97.7
≥ 600	82.2	91.3	93.3	94.6	96.0	96.7	97.7	98.1	98.2	98.3	98.4	98.4	98.6	98.7	98.8	98.8
≥ 500	82.2	91.3	93.3	94.6	96.1	96.8	97.8	98.3	98.4	98.5	98.6	98.7	98.9	99.0	99.1	99.1
≥ 400	82.3	91.3	93.3	94.6	96.1	96.8	98.0	98.6	98.7	98.8	98.9	99.1	99.3	99.4	99.5	99.5
≥ 300	82.2	91.3	93.3	94.6	96.1	96.8	98.0	98.6	98.7	99.0	99.1	99.3	99.6	99.7	99.8	99.8
≥ 200	82.2	91.3	93.3	94.6	96.1	96.8	98.0	98.6	98.7	99.0	99.1	99.3	99.7	99.8	99.9	99.9
≥ 100	82.2	91.3	93.3	94.6	96.2	96.9	98.1	98.7	98.8	99.1	99.2	99.4	99.8	99.9	100.0	100.0
≥ 0	82.2	91.3	93.3	94.6	96.2	96.9	98.1	98.7	98.8	99.1	99.2	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	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	65.6	65.6
≥ 8000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4000	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	89.1	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	90.0	90.3	90.3	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	92.3	92.3	92.3	92.8	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	92.9	93.9	94.9	95.0	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	93.1	94.1	95.3	95.8	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	93.1	94.1	95.4	96.0	96.2	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	93.2	94.3	95.6	96.3	96.5	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	93.2	94.3	95.6	96.4	96.6	97.1	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	93.3	94.5	95.9	96.8	97.0	97.7	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 500	93.4	94.7	96.1	97.0	97.3	98.1	98.3	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 400	93.4	94.7	96.1	97.0	97.3	98.2	98.4	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 300	93.4	94.7	96.1	97.0	97.3	98.2	98.5	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 200	93.4	94.7	96.1	97.0	97.3	98.2	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.8	99.8
≥ 100	93.4	94.7	96.1	97.0	97.3	98.2	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.6	100.0	100.0
≥ 0	93.4	94.7	96.1	97.0	97.3	98.2	98.5	98.7	99.2	99.3	99.5	99.5	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-47 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.4	61.8	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	62.2	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	62.3	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	62.4	63.9	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	62.9	64.3	64.6	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
≥ 12000	63.9	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	66.3	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	66.6	68.3	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	70.9	72.8	73.1	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
≥ 7000	71.9	73.8	74.0	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	73.0	75.0	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	73.6	75.7	76.0	75.4	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	77.8	76.0	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	75.3	78.4	78.7	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	78.5	79.6	80.0	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	79.5	83.0	83.3	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	81.4	85.4	85.8	86.3	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	82.2	87.0	88.1	88.6	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	82.7	88.1	89.2	90.1	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	83.3	89.3	90.6	91.6	92.1	92.3	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	83.5	89.8	91.5	92.7	93.2	93.4	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	83.6	90.1	92.1	93.4	94.4	94.7	94.8	95.0	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	83.6	90.5	92.5	93.8	95.1	95.5	95.6	95.9	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	83.6	90.5	92.6	94.0	95.3	95.7	95.9	96.2	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	83.6	90.5	92.6	94.0	95.3	95.7	95.9	96.3	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	83.7	90.6	92.8	94.3	95.8	96.2	96.5	97.1	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	83.7	90.6	92.8	94.3	95.8	96.3	96.6	97.3	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	83.7	90.6	92.8	94.3	95.8	96.3	96.6	97.3	97.8	98.5	98.9	98.9	99.0	99.3	99.3	99.3
≥ 300	83.7	90.6	92.8	94.3	95.8	96.3	96.6	97.3	97.8	98.7	99.1	99.1	99.3	99.6	99.7	99.7
≥ 200	83.7	90.6	92.8	94.3	95.8	96.3	96.6	97.3	97.8	98.7	99.1	99.2	99.4	99.7	99.8	99.8
≥ 100	83.7	90.6	92.8	94.3	95.8	96.3	96.6	97.3	97.8	98.7	99.1	99.2	99.4	99.9	100.0	100.0
≥ 0	83.7	90.6	92.8	94.3	95.8	96.3	96.6	97.3	97.8	98.7	99.1	99.2	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-47 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.3	63.2	63.6	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
≥ 20000	63.8	66.8	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	63.8	66.8	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	63.8	66.8	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	63.8	66.8	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	64.2	67.2	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	65.8	68.7	69.2	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
≥ 9000	66.2	69.1	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	68.9	72.3	72.8	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	70.4	73.5	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	71.7	74.9	75.5	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
≥ 5000	72.6	75.8	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	73.1	76.1	76.7	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
≥ 4000	74.3	79.1	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	0.1
≥ 3500	76.5	81.1	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	78.4	83.6	84.6	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	79.5	85.0	86.1	86.4	86.9	86.9	87.0	87.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	80.7	86.3	88.4	88.8	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	81.1	87.7	89.1	89.6	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	81.5	89.0	90.6	91.0	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	82.3	90.9	92.8	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	82.6	91.7	93.9	95.1	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	82.6	92.1	94.5	95.9	96.7	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	82.7	92.4	94.8	96.2	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	82.8	92.7	95.1	96.6	97.7	97.7	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	82.8	92.7	95.1	96.6	97.7	97.7	98.2	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	82.8	92.7	95.1	96.7	97.8	97.8	98.4	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	82.8	92.7	95.1	96.7	97.8	97.8	98.4	98.8	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7
≥ 300	82.8	92.7	95.1	96.7	97.8	97.8	98.4	98.8	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7
≥ 200	82.8	92.7	95.1	96.7	97.8	97.8	98.4	98.8	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7
≥ 100	82.8	92.7	95.1	96.7	97.8	97.8	98.4	98.8	99.0	99.2	99.4	99.4	99.4	100.0	100.0	100.0
≥ 0	82.9	92.7	95.1	96.7	97.8	97.8	98.4	98.8	99.0	99.2	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.4	58.4	58.9	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 20000	58.9	62.1	62.6	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 18000	58.9	62.2	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	59.0	62.2	62.7	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 14000	59.1	62.3	62.8	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 12000	59.3	63.1	63.6	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 10000	61.6	65.3	65.5	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	62.2	65.6	66.1	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	64.9	68.5	69.0	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7
≥ 7000	66.1	69.9	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 6000	67.2	71.0	71.5	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 5000	68.6	72.5	73.1	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 4500	69.3	73.0	73.6	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4
≥ 4000	71.3	75.5	76.2	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1
≥ 3500	72.3	77.1	77.9	78.4	78.5	78.7	78.7	78.8	78.8	78.9	78.8	78.8	78.8	78.8	78.8	78.9
≥ 3000	74.5	80.1	81.0	81.5	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 2500	76.5	82.2	83.1	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 2000	78.1	84.6	85.9	86.6	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 1800	78.6	85.4	86.7	87.6	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	
≥ 1500	79.2	86.9	88.3	89.2	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	
≥ 1200	79.9	88.4	90.1	91.3	92.2	92.3	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1000	80.1	89.0	90.9	92.3	93.4	93.7	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 900	80.2	89.4	91.5	93.1	94.4	94.8	95.1	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.7
≥ 800	80.3	89.7	92.0	93.6	95.1	95.5	95.9	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6
≥ 700	80.3	89.9	92.2	93.9	95.5	95.9	96.4	96.7	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2
≥ 600	80.4	90.0	92.3	94.1	95.7	96.2	96.8	97.3	97.4	97.6	97.7	97.8	97.8	97.8	97.9	97.9
≥ 500	80.4	90.1	92.4	94.3	96.0	96.5	97.3	97.8	98.0	98.2	98.4	98.5	98.6	98.6	98.6	98.7
≥ 400	80.4	90.1	92.5	94.3	96.1	96.6	97.4	98.0	98.2	98.5	98.7	98.8	98.9	99.0	99.1	99.2
≥ 300	80.4	90.1	92.5	94.3	96.1	96.7	97.4	98.1	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.5
≥ 200	80.4	90.1	92.5	94.3	96.1	96.7	97.4	98.1	98.3	98.8	99.0	99.2	99.4	99.5	99.6	99.7
≥ 100	80.4	90.1	92.5	94.3	96.1	96.7	97.5	98.1	98.3	98.8	99.1	99.2	99.4	99.5	99.6	99.8
≥ 0	80.4	90.1	92.5	94.3	96.1	96.7	97.5	98.1	98.3	98.8	99.1	99.2	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3179

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1347 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-03,06-09,12-15,18-21 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.9	61.5	62.1	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	60.4	65.5	66.1	66.4	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	60.4	65.5	66.1	66.4	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	60.4	65.5	66.1	66.4	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	60.7	65.9	66.5	66.8	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	61.2	66.5	67.1	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	63.0	68.3	68.9	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	63.3	68.3	68.9	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	66.2	71.4	72.0	72.3	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	66.5	72.0	72.7	73.1	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	67.9	73.2	73.9	74.3	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	69.1	75.2	75.9	76.3	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	70.0	76.4	77.1	77.5	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	72.3	79.7	80.6	81.0	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	72.8	80.0	81.7	82.1	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	73.9	82.3	83.4	84.0	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	75.2	83.9	85.4	86.1	86.7	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	76.8	86.5	88.3	89.0	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	77.8	87.6	89.5	90.4	91.0	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	78.3	88.5	90.5	91.4	92.1	92.1	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	78.8	90.2	92.2	93.1	93.9	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	79.0	91.2	93.4	94.3	95.3	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	79.2	91.5	93.8	94.7	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	79.2	92.3	94.4	95.5	96.6	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	79.3	92.3	94.9	96.1	97.3	97.4	97.7	97.7	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	79.3	92.4	95.3	96.4	97.6	97.7	98.1	98.1	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9
≥ 500	79.3	92.4	95.3	96.6	97.9	98.0	98.6	98.6	98.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400	79.3	92.5	95.4	96.7	98.0	98.1	98.8	98.8	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7
≥ 300	79.3	92.5	95.4	96.7	98.0	98.1	98.8	98.8	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7
≥ 200	79.3	92.5	95.4	96.7	98.0	98.1	98.8	98.8	98.9	99.3	99.7	99.9	99.9	99.9	99.9	99.9
≥ 100	79.3	92.5	95.4	96.7	98.0	98.1	98.8	98.8	98.9	99.3	99.7	99.9	99.9	99.9	99.9	99.9
≥ 0	79.3	92.5	95.4	96.7	98.0	98.1	98.8	98.8	98.9	99.3	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 992

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.3	53.3	54.1	54.1	54.8	54.8	55.3	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.9	56.2
≥ 20000	53.1	56.0	57.6	57.6	58.3	58.3	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.3	59.6
≥ 18000	53.1	56.2	57.6	57.6	58.3	58.3	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.3	59.6
≥ 16000	53.1	56.5	57.6	57.6	58.3	58.3	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.3	59.6
≥ 14000	53.2	57.0	57.8	57.8	58.5	58.5	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.5	59.8
≥ 12000	53.4	57.2	58.0	58.0	58.7	58.7	59.1	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.7	60.0
≥ 10000	54.2	59.0	59.8	59.8	60.5	60.5	60.9	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.5	61.8
≥ 9000	54.6	59.3	59.8	59.8	60.5	60.5	60.9	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.5	61.8
≥ 8000	56.3	62.4	63.6	63.6	64.3	64.3	64.7	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.4	65.7
≥ 7000	58.9	64.7	65.7	65.7	66.4	66.4	66.8	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.4	67.7
≥ 6000	61.0	66.4	67.3	67.3	68.0	68.0	68.4	68.5	68.5	68.6	68.7	68.7	68.7	68.7	69.0	69.3
≥ 5000	63.1	69.3	70.3	70.3	71.0	71.0	71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	72.0	72.3
≥ 4500	63.4	70.0	71.3	71.3	72.0	72.0	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	73.0	73.3
≥ 4000	67.5	74.9	76.6	76.9	77.6	77.6	78.0	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.7	79.0
≥ 3500	69.4	76.5	78.5	78.8	79.7	79.7	80.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.8	81.1
≥ 3000	69.2	77.4	79.9	80.1	81.0	81.0	81.4	81.5	81.5	81.7	81.8	81.8	81.8	81.8	82.1	82.4
≥ 2500	69.5	78.7	80.9	81.6	82.5	82.5	82.9	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.6	83.9
≥ 2000	71.4	81.4	83.6	84.4	85.4	85.4	85.8	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.5	86.8
≥ 1800	71.9	82.3	84.5	85.4	86.3	86.3	86.7	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.4	87.7
≥ 1500	73.4	84.7	87.3	88.0	88.9	88.9	89.3	89.4	89.4	89.6	89.7	89.7	89.7	89.7	90.0	90.3
≥ 1200	74.6	87.3	89.9	90.7	91.6	91.6	92.0	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.7	93.0
≥ 1000	74.7	88.0	90.6	91.6	92.5	92.5	92.9	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.6	93.9
≥ 900	75.1	88.5	91.5	92.5	93.5	93.5	94.0	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.7	95.1
≥ 800	75.1	88.9	92.2	93.4	94.5	94.5	95.1	95.2	95.2	95.4	95.5	95.6	95.6	95.6	95.8	96.1
≥ 700	75.1	89.8	92.9	94.2	95.5	95.5	96.1	96.3	96.3	96.6	96.8	96.8	96.8	96.8	97.1	97.4
≥ 600	75.1	89.9	93.0	94.4	95.9	95.9	96.5	96.9	96.9	97.2	97.5	97.5	97.5	97.5	97.8	98.1
≥ 500	75.1	89.9	93.1	94.5	96.1	96.1	96.8	97.4	97.4	97.8	98.1	98.1	98.1	98.1	98.4	98.7
≥ 400	75.1	89.9	93.1	94.6	96.5	96.5	97.2	97.8	97.9	98.4	98.7	98.7	98.8	98.8	99.1	99.4
≥ 300	75.1	89.9	93.1	94.6	96.5	96.5	97.2	97.8	97.9	98.4	98.7	98.7	98.8	98.8	99.1	99.4
≥ 200	75.1	89.9	93.1	94.6	96.5	96.5	97.2	97.9	98.0	98.7	99.0	99.0	99.3	99.3	99.6	99.9
≥ 100	75.1	89.9	93.1	94.6	96.5	96.5	97.2	97.9	98.0	98.7	99.0	99.0	99.3	99.3	99.6	99.9
≥ 0	75.1	89.9	93.1	94.6	96.5	96.5	97.2	97.9	98.0	98.7	99.0	99.0	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 990

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
USA WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17 47 — MARSHALL AAF KS — 65-71,75-79 — APR

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.5	47.7	48.3	48.3	48.2	48.3	48.9	48.9	48.9	50.2	50.3	50.3	50.4	50.4	50.5	50.7
≥ 20000	47.5	51.3	53.3	53.8	54.0	54.1	54.7	54.8	54.8	55.1	55.2	55.2	55.3	55.3	55.4	55.6
≥ 18000	47.5	51.3	53.3	53.8	54.0	54.1	54.7	54.8	54.8	55.1	55.2	55.2	55.3	55.3	55.4	55.6
≥ 16000	47.5	51.3	53.3	53.8	54.0	54.1	54.7	54.8	54.8	55.1	55.2	55.2	55.3	55.3	55.4	55.6
≥ 14000	47.7	52.1	53.9	54.3	54.3	54.4	54.9	55.0	55.1	55.3	55.4	55.4	55.5	55.5	55.6	55.8
≥ 12000	48.3	52.4	53.4	54.5	54.8	54.9	55.4	55.5	55.5	55.8	55.9	55.9	56.0	56.0	56.1	56.3
≥ 10000	50.3	55.2	56.7	57.4	57.8	57.9	58.4	58.5	58.5	58.8	58.9	58.9	59.0	59.0	59.1	59.3
≥ 9000	50.4	55.3	56.8	57.5	57.9	58.0	58.5	58.6	58.6	58.9	59.0	59.0	59.1	59.1	59.2	59.4
≥ 8000	55.3	59.9	61.6	62.4	63.0	63.1	63.6	63.7	63.7	64.0	64.1	64.1	64.2	64.2	64.3	64.5
≥ 7000	56.2	61.4	63.2	64.0	64.6	64.7	65.2	65.3	65.3	65.7	65.9	65.9	66.0	66.0	66.1	66.3
≥ 6000	63.3	68.8	65.7	66.5	67.1	67.2	67.7	67.8	67.8	68.2	68.7	68.7	68.8	68.8	68.9	69.1
≥ 5000	69.3	66.6	68.7	69.5	70.2	70.3	70.9	71.0	71.0	71.4	71.9	71.9	72.0	72.0	72.1	72.3
≥ 4500	71.2	67.8	69.9	70.7	71.5	71.6	72.1	72.2	72.2	72.5	73.1	73.1	73.2	73.2	73.3	73.5
≥ 4000	67.8	72.7	74.2	75.0	75.9	76.0	76.5	76.6	76.6	77.0	77.5	77.5	77.6	77.6	77.7	77.9
≥ 3500	74.2	72.5	74.8	75.6	76.6	76.7	77.2	77.3	77.3	77.7	78.2	78.2	78.3	78.3	78.4	78.6
≥ 3000	64.3	73.3	76.1	76.9	78.0	78.1	78.6	78.7	78.7	79.1	79.7	79.7	79.8	79.8	79.9	80.1
≥ 2500	75.4	74.3	77.3	78.1	79.5	79.9	80.5	80.6	80.6	81.0	81.5	81.5	81.6	81.6	81.7	81.9
≥ 2000	67.1	77.7	80.5	81.7	83.0	83.4	84.0	84.1	84.1	84.5	85.0	85.0	85.1	85.1	85.2	85.4
≥ 1800	67.8	78.6	81.5	82.7	84.0	84.4	85.0	85.1	85.1	85.5	86.0	86.0	86.1	86.1	86.2	86.4
≥ 1500	69.3	80.5	84.0	85.4	86.8	87.2	87.9	88.0	88.0	88.4	88.9	88.9	89.0	89.0	89.1	89.3
≥ 1200	70.1	82.1	85.4	87.2	88.9	89.3	90.1	90.2	90.2	90.6	91.1	91.1	91.2	91.2	91.3	91.5
≥ 1000	70.4	83.2	87.6	89.6	91.5	91.9	92.9	93.0	93.0	93.4	93.9	93.9	94.0	94.0	94.1	94.3
≥ 900	71.1	84.4	88.3	90.3	92.2	92.6	93.6	93.7	93.7	94.1	94.6	94.6	94.7	94.7	94.8	95.0
≥ 800	71.1	84.5	88.4	90.6	92.6	93.0	94.1	94.3	94.3	94.7	95.2	95.2	95.3	95.3	95.4	95.6
≥ 700	71.1	84.5	88.5	90.9	93.2	93.8	95.2	95.4	95.4	95.9	96.5	96.5	96.6	96.6	96.7	96.9
≥ 600	71.2	84.6	88.5	91.3	94.0	94.6	96.4	96.7	96.7	97.1	97.8	97.8	97.9	97.9	98.0	98.2
≥ 500	71.2	84.9	89.1	91.8	94.6	95.2	97.0	97.3	97.3	97.7	98.4	98.4	98.5	98.5	98.6	98.8
≥ 400	71.2	84.9	89.1	91.8	94.8	95.4	97.2	97.5	97.5	98.0	98.7	98.7	98.8	98.8	98.9	99.1
≥ 300	71.2	84.9	89.1	91.8	94.8	95.4	97.2	97.5	97.5	98.0	98.7	98.7	99.1	99.1	99.3	99.5
≥ 200	71.2	84.9	89.1	91.8	94.8	95.4	97.2	97.5	97.5	98.0	98.7	98.7	99.2	99.2	99.4	99.7
≥ 100	71.2	84.9	89.1	91.8	94.8	95.4	97.2	97.5	97.5	98.0	98.7	98.7	99.2	99.2	99.5	100.0
≥ 0	71.2	84.9	89.1	91.8	94.8	95.4	97.2	97.5	97.5	98.0	98.7	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 496

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

DATA PROCESSING BRANCH
USAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17 47 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
[illegible] — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1100 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	[illegible]	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	[illegible]	55.1	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
≥ 18000	[illegible]	55.1	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
≥ 16000	[illegible]	55.1	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
≥ 14000	[illegible]	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	[illegible]	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	[illegible]	60.4	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
≥ 9000	[illegible]	61.0	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
≥ 8000	[illegible]	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	[illegible]	66.6	66.7	66.8	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	[illegible]	67.7	67.8	68.1	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
≥ 5000	[illegible]	68.9	69.2	69.5	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	[illegible]	69.6	69.9	70.2	70.3	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	[illegible]	73.3	73.6	74.1	74.2	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	[illegible]	74.6	75.0	75.3	75.5	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	[illegible]	77.5	78.0	78.3	78.5	78.5	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	[illegible]	79.7	80.2	80.5	80.8	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	[illegible]	82.6	83.2	83.6	84.2	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	[illegible]	83.7	84.6	85.1	85.5	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	[illegible]	86.4	88.2	88.7	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	[illegible]	87.3	89.4	90.8	91.5	91.5	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	[illegible]	89.2	91.4	92.8	94.3	94.3	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	[illegible]	90.5	91.9	93.7	95.0	95.1	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	[illegible]	89.5	92.1	94.2	95.7	96.0	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	[illegible]	89.5	92.1	94.3	96.3	96.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	[illegible]	89.5	92.1	94.3	96.5	96.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	[illegible]	89.6	92.4	94.8	97.0	97.2	98.6	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	[illegible]	89.6	92.4	94.8	97.0	97.2	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	89.6	92.4	94.8	97.0	97.2	98.9	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	[illegible]	89.6	92.4	94.8	97.0	97.2	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0
≥ 100	[illegible]	89.6	92.4	94.8	97.0	97.2	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0
≥ 0	[illegible]	89.6	92.4	94.8	97.0	97.2	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14947 (STATION) MARSHALL AAF KS (STATION NAME) 63-71,75-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥¼	≥0
NO CEILING	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	55.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	55.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	55.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	56.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	56.9	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
≥ 10000	59.5	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	59.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	63.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	64.2	66.4	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	65.3	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	67.1	69.7	69.7	69.9	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	67.6	70.2	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	73.4	76.3	76.4	76.6	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	74.3	78.2	78.4	78.6	78.6	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	78.3	82.3	82.4	82.6	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	85.8	85.6	85.8	86.0	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	88.5	88.7	89.3	89.7	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	89.3	89.5	90.4	90.8	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	93.4	91.3	92.5	93.0	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	93.8	91.9	93.3	94.4	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.0	95.0
≥ 1000	93.8	92.3	93.7	94.9	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	94.3	92.7	94.5	95.7	96.2	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	94.3	92.8	94.7	96.1	97.1	97.3	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	94.3	93.0	95.1	96.6	97.6	97.9	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	94.3	93.1	95.2	97.0	98.0	98.3	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.3	93.2	95.3	97.1	98.1	98.4	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	94.3	93.2	95.3	97.1	98.1	98.4	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	94.3	93.2	95.3	97.1	98.1	98.4	99.2	99.5	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	94.3	93.2	95.3	97.1	98.1	98.4	99.2	99.5	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	94.3	93.2	95.3	97.1	98.1	98.4	99.2	99.5	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	94.3	93.2	95.3	97.1	98.1	98.4	99.2	99.5	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 983

DATA PROCESSING BRANCH
USAF ETAC
6[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 MARSHALL AAF KS 66-71,75-79 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	53.4	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	57.3	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	57.3	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	57.3	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	57.7	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	59.2	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	61.7	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 9000	62.1	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	65.4	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	66.5	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	67.3	69.6	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	69.5	72.0	72.2	72.2	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	70.1	72.6	72.8	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	75.5	79.3	79.6	79.7	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	76.9	81.6	81.9	82.0	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	79.3	85.0	85.4	85.5	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	80.9	87.4	87.8	87.9	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	83.3	90.7	91.1	91.3	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	83.9	91.9	92.2	92.4	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	84.1	92.7	93.0	93.0	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	84.3	93.5	94.7	95.3	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	84.7	94.2	95.8	96.4	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.6	97.5	97.5	97.5	97.5
≥ 900	84.9	94.4	96.0	96.6	97.3	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	84.9	94.5	96.1	96.7	97.5	97.9	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	85.0	94.7	96.5	97.1	98.2	98.6	98.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	85.0	94.7	96.5	97.1	98.3	98.7	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	85.0	94.7	96.5	97.1	98.3	98.7	98.9	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	85.0	94.7	96.5	97.1	98.3	98.7	98.9	99.1	99.3	99.7	99.9	99.8	99.8	99.8	99.8	99.8
≥ 300	85.0	94.7	96.5	97.1	98.3	98.7	98.9	99.1	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	85.0	94.7	96.5	97.1	98.3	98.7	98.9	99.1	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	85.0	94.7	96.5	97.1	98.3	98.7	98.9	99.1	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	85.0	94.7	96.5	97.1	98.3	98.7	98.9	99.1	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 989

DATA PROCESSING BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17347 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.1	59.1	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	61.8	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	61.3	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	61.9	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	61.9	64.3	64.5	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
≥ 12000	62.7	65.2	65.4	65.8	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	65.2	68.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	65.8	68.6	68.8	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
≥ 8000	69.5	73.5	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	74.1
≥ 7000	69.9	73.9	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	71.2	75.5	75.7	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
≥ 5000	73.4	77.7	77.9	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	73.8	78.1	78.3	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	77.4	82.9	83.3	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	78.9	84.7	85.3	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	80.7	87.4	88.0	88.5	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	81.4	88.7	89.6	90.1	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	81.9	90.4	91.5	92.0	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	82.3	91.1	92.2	92.8	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	82.5	91.8	93.4	94.0	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	82.5	92.4	94.3	95.1	95.8	95.8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	82.5	93.4	95.6	96.4	97.3	97.3	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	82.5	93.8	96.0	96.9	97.9	97.9	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	82.5	93.9	96.1	97.0	98.1	98.3	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	82.5	94.1	96.3	97.2	98.7	99.0	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	82.5	94.1	96.3	97.2	98.7	99.0	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	82.5	94.1	96.3	97.2	98.7	99.1	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	82.5	94.1	96.3	97.2	98.7	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.5	94.1	96.3	97.2	98.7	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.5	94.1	96.3	97.2	98.7	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.5	94.1	96.3	97.2	98.7	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.5	94.1	96.3	97.2	98.7	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-47 STATION | MARSHALL AAF KS STATION NAME | 56-71,75-79 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	64.2	66.6	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	66.9	69.7	70.1	70.3	70.3	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	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	66.9	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	67.1	69.8	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	67.3	70.1	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	69.9	72.6	72.9	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
≥ 9000	69.9	72.6	72.9	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
≥ 8000	72.9	75.8	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	73.5	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	74.3	77.1	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	75.3	78.9	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	76.2	80.2	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	77.7	82.5	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	79.1	84.2	84.5	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	80.3	86.1	86.5	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	81.4	88.2	88.6	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	82.4	89.7	90.4	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	82.5	89.9	90.6	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	82.8	90.7	91.5	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	83.5	92.1	93.4	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	83.7	92.8	94.4	95.2	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	83.7	93.7	95.4	96.3	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	83.7	94.0	95.9	96.9	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	83.8	94.5	96.5	97.6	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	83.8	94.5	96.5	97.6	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	83.8	94.5	96.5	97.6	98.6	98.8	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	83.8	94.5	96.5	97.6	98.7	99.0	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	83.8	94.5	96.5	97.6	98.7	99.0	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	83.8	94.5	96.5	97.6	98.7	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.8	94.5	96.5	97.6	98.7	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
0	83.8	94.5	96.5	97.6	98.7	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 989

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL A&F KS (STATION NAME) 66-71,75-79 (YEARS) APR (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.3	55.8	56.2	56.4	56.5	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 20000	57.1	59.7	60.3	60.5	60.6	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 18000	57.1	59.9	60.3	60.5	60.6	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 16000	57.1	59.9	60.3	60.5	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 14000	57.3	60.2	60.6	60.8	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 12000	57.9	60.9	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1
≥ 10000	60.3	63.5	64.0	64.2	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7
≥ 9000	60.5	63.7	64.2	64.4	64.6	64.6	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 8000	64.2	67.8	68.3	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2
≥ 7000	65.0	68.8	69.3	69.6	69.8	69.9	70.0	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.3
≥ 6000	66.2	70.2	70.7	71.0	71.3	71.3	71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.8
≥ 5000	67.9	72.3	72.9	73.2	73.5	73.5	73.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.1
≥ 4500	68.5	73.1	73.8	74.1	74.4	74.4	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.9	74.9
≥ 4000	72.0	77.6	78.4	78.8	79.1	79.1	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.7
≥ 3500	73.1	79.1	80.0	80.4	80.8	80.8	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 3000	74.7	81.5	82.5	82.9	83.3	83.4	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.9	84.0
≥ 2500	75.9	83.4	84.4	84.9	85.4	85.5	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1
≥ 2000	77.6	86.3	87.2	87.9	88.4	88.5	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1
≥ 1800	78.1	86.8	88.2	88.9	89.4	89.5	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1500	78.8	88.4	90.1	90.8	91.5	91.6	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1200	79.4	89.7	91.6	92.6	93.4	93.5	93.8	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1000	79.7	90.0	92.8	93.9	94.9	95.0	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8
≥ 900	79.9	91.1	93.4	94.6	95.6	95.7	96.2	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.6
≥ 800	79.9	91.3	93.7	95.0	96.2	96.4	96.9	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.4
≥ 700	79.9	91.4	94.1	95.5	96.9	97.1	97.7	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3
≥ 600	79.9	91.5	94.2	95.7	97.2	97.4	98.2	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	99.0
≥ 500	79.9	91.6	94.3	95.8	97.4	97.7	98.5	98.7	98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.4
≥ 400	79.9	91.6	94.3	95.9	97.5	97.8	98.6	98.9	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	79.9	91.6	94.3	95.9	97.5	97.8	98.6	98.9	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8
≥ 200	79.9	91.6	94.3	95.9	97.5	97.8	98.6	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.9	99.9
≥ 100	79.9	91.6	94.3	95.9	97.5	97.8	98.6	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.9	100.0
≥ 0	79.9	91.6	94.3	95.9	97.5	97.8	98.6	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7912

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.3	62.1	63.1	63.4	63.7	63.7	63.9	63.9	63.9	64.0	64.4	64.4	64.4	64.5	64.5	64.5
≥ 20000	61.1	66.9	68.4	68.7	69.0	69.0	69.2	69.2	69.2	69.3	69.7	69.7	69.7	69.8	69.8	69.8
≥ 18000	61.1	66.9	68.4	68.7	69.0	69.0	69.2	69.2	69.2	69.3	69.7	69.7	69.7	69.8	69.8	69.8
≥ 16000	61.1	66.9	68.4	68.7	69.0	69.0	69.2	69.2	69.2	69.3	69.7	69.7	69.7	69.8	69.8	69.8
≥ 14000	61.1	66.9	68.4	68.7	69.0	69.0	69.2	69.2	69.2	69.3	69.7	69.7	69.7	69.8	69.8	69.8
≥ 12000	61.1	66.9	68.4	68.7	69.0	69.0	69.2	69.2	69.2	69.3	69.7	69.7	69.7	69.8	69.8	69.8
≥ 10000	62.6	68.5	70.1	70.4	70.7	70.7	70.9	70.9	70.9	71.0	71.3	71.3	71.3	71.4	71.4	71.4
≥ 9000	62.8	68.7	70.3	70.6	70.9	70.9	71.1	71.1	71.1	71.1	71.5	71.5	71.5	71.6	71.6	71.6
≥ 8000	66.3	72.3	74.1	74.5	74.9	74.9	75.1	75.1	75.1	75.2	75.6	75.6	75.6	75.7	75.7	75.7
≥ 7000	67.7	74.3	75.8	76.2	76.5	76.5	76.7	76.7	76.7	76.8	77.2	77.2	77.2	77.3	77.3	77.3
≥ 6000	68.9	75.6	77.5	77.9	78.3	78.3	78.5	78.5	78.5	78.6	79.0	79.0	79.0	79.1	79.1	79.1
≥ 5000	71.1	78.5	80.5	81.0	81.4	81.4	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.1	82.1	82.1
≥ 4500	71.6	79.1	81.1	81.6	82.0	82.0	82.2	82.2	82.2	82.3	82.7	82.7	82.7	82.8	82.8	82.8
≥ 4000	73.7	82.8	85.2	85.9	86.6	86.6	86.8	86.8	86.8	86.8	87.2	87.2	87.2	87.3	87.3	87.3
≥ 3500	73.7	83.0	85.4	86.1	86.8	86.8	86.9	87.0	87.0	87.1	87.5	87.5	87.5	87.6	87.6	87.6
≥ 3000	75.0	85.7	88.3	89.1	89.8	89.8	90.0	90.1	90.1	90.2	90.6	90.6	90.6	90.7	90.7	90.7
≥ 2500	75.4	86.3	88.9	89.7	90.7	90.7	90.9	91.0	91.0	91.1	91.5	91.5	91.5	91.6	91.6	91.6
≥ 2000	75.8	87.3	90.0	90.8	91.8	91.8	92.0	92.1	92.1	92.1	92.5	92.5	92.5	92.6	92.6	92.6
≥ 1800	75.9	87.9	90.6	91.4	92.3	92.3	92.5	92.6	92.6	92.7	93.1	93.1	93.1	93.2	93.2	93.2
≥ 1500	76.4	88.7	91.6	92.3	93.4	93.4	93.6	93.7	93.7	93.8	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1200	77.1	90.1	92.9	93.9	95.0	95.0	95.2	95.3	95.3	95.4	95.8	95.8	95.8	95.9	95.9	95.9
≥ 1000	77.2	90.3	93.2	94.2	95.5	95.5	95.7	95.8	95.8	95.9	96.3	96.3	96.3	96.4	96.4	96.4
≥ 900	77.2	90.5	93.4	94.4	95.7	95.7	95.9	96.0	96.0	96.1	96.5	96.5	96.5	96.6	96.6	96.6
≥ 800	77.3	90.6	93.5	94.7	96.0	96.0	96.2	96.3	96.3	96.4	96.8	96.8	96.8	96.9	96.9	96.9
≥ 700	77.4	90.8	93.7	95.0	96.3	96.3	96.5	96.6	96.6	96.7	97.1	97.1	97.1	97.2	97.2	97.2
≥ 600	77.4	91.0	94.0	95.5	97.2	97.2	97.4	97.4	97.4	97.5	97.9	97.9	97.9	98.0	98.0	98.0
≥ 500	77.4	91.4	94.6	96.2	97.8	97.9	98.1	98.2	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8
≥ 400	77.4	91.4	94.7	96.5	98.6	98.7	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.7
≥ 300	77.4	91.4	94.7	96.5	98.6	98.7	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.7
≥ 200	77.4	91.4	94.7	96.5	98.6	98.7	98.9	99.0	99.0	99.2	99.6	99.6	99.6	99.7	99.9	99.9
≥ 100	77.4	91.4	94.7	96.5	98.6	98.7	98.9	99.0	99.0	99.2	99.6	99.6	99.7	99.8	100.0	100.0
≥ 0	77.4	91.4	94.7	96.5	98.6	98.7	98.9	99.0	99.0	99.2	99.6	99.6	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1019

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0330-0900 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	48.2	53.6	56.3	56.7	57.8	58.1	58.2	58.4	58.5	58.9	58.9	59.0	59.1	59.1	59.2	59.3
≥ 20000	62.1	58.2	61.2	61.7	62.9	63.2	63.3	63.5	63.6	64.0	64.0	64.1	64.2	64.2	64.3	64.4
≥ 18000	62.1	58.2	61.2	61.7	62.9	63.2	63.3	63.5	63.6	64.0	64.0	64.1	64.2	64.2	64.3	64.4
≥ 16000	62.1	58.2	61.2	61.7	62.9	63.2	63.3	63.5	63.6	64.0	64.0	64.1	64.2	64.2	64.3	64.4
≥ 14000	62.3	58.4	61.2	61.9	63.1	63.4	63.5	63.7	63.8	64.2	64.2	64.3	64.4	64.4	64.5	64.6
≥ 12000	62.8	59.0	61.8	62.5	63.7	64.0	64.1	64.3	64.4	64.8	64.8	64.9	65.0	65.0	65.1	65.2
≥ 10000	64.3	61.2	64.3	65.0	66.1	66.4	66.5	66.7	66.8	67.2	67.2	67.3	67.4	67.4	67.5	67.6
≥ 9000	65.0	61.4	64.5	65.2	66.3	66.6	66.7	66.9	67.0	67.4	67.4	67.5	67.6	67.6	67.7	67.8
≥ 8000	66.3	65.4	68.6	69.3	70.5	70.8	70.9	71.1	71.1	71.5	71.5	71.6	71.7	71.7	71.8	71.9
≥ 7000	69.8	67.1	70.4	71.1	72.2	72.5	72.6	72.8	72.9	73.3	73.3	73.4	73.5	73.5	73.6	73.7
≥ 6000	70.3	68.2	71.5	72.3	73.5	73.9	74.1	74.3	74.4	74.8	74.8	74.9	75.0	75.0	75.1	75.2
≥ 5000	73.2	71.2	74.7	75.5	76.7	77.1	77.3	77.6	77.7	78.1	78.1	78.2	78.3	78.3	78.4	78.5
≥ 4500	73.7	71.9	75.4	76.3	77.6	78.0	78.2	78.6	78.7	79.1	79.1	79.2	79.3	79.3	79.4	79.5
≥ 4000	75.7	75.8	79.7	81.1	82.5	82.9	83.1	83.5	83.6	84.0	84.0	84.1	84.2	84.2	84.3	84.4
≥ 3500	76.0	76.4	80.4	81.8	83.3	83.7	83.9	84.3	84.4	84.8	84.8	84.9	85.0	85.0	85.1	85.2
≥ 3000	67.3	78.3	82.6	84.2	85.7	86.1	86.3	86.7	86.8	87.1	87.1	87.2	87.3	87.3	87.4	87.5
≥ 2500	69.2	79.6	84.7	85.9	87.4	87.8	88.0	88.4	88.5	88.9	88.9	89.0	89.1	89.1	89.2	89.3
≥ 2000	69.8	80.8	85.2	87.1	88.8	89.2	89.4	89.8	89.9	90.3	90.3	90.4	90.5	90.5	90.6	90.7
≥ 1800	69.9	81.4	86.1	88.0	89.7	90.1	90.3	90.7	90.8	91.2	91.2	91.3	91.4	91.4	91.5	91.6
≥ 1500	69.4	82.2	86.9	89.0	90.8	91.2	91.4	91.8	91.9	92.2	92.2	92.3	92.4	92.4	92.5	92.6
≥ 1200	70.3	83.5	88.3	90.5	92.4	92.8	93.0	93.4	93.5	93.9	93.9	94.0	94.1	94.1	94.2	94.3
≥ 1000	70.6	84.0	88.8	91.0	93.0	93.4	93.6	94.0	94.1	94.5	94.5	94.6	94.7	94.7	94.8	94.9
≥ 900	70.9	84.7	89.5	91.7	93.9	94.3	94.5	94.9	95.0	95.4	95.4	95.5	95.6	95.6	95.7	95.8
≥ 800	70.9	84.9	89.8	92.2	94.6	95.0	95.2	95.6	95.7	96.1	96.1	96.2	96.3	96.3	96.4	96.5
≥ 700	71.1	85.4	90.4	92.8	95.3	95.8	96.1	96.5	96.6	97.0	97.0	97.1	97.2	97.2	97.3	97.4
≥ 600	71.1	85.5	90.7	93.2	95.9	96.4	96.7	97.1	97.2	97.5	97.5	97.6	97.7	97.7	97.8	97.9
≥ 500	71.1	85.8	91.1	93.6	96.4	97.1	97.4	97.8	97.9	98.3	98.3	98.4	98.5	98.5	98.7	98.8
≥ 400	71.1	85.9	91.2	93.7	96.6	97.3	97.6	98.1	98.2	98.6	98.7	98.8	98.9	98.9	99.3	99.4
≥ 300	71.1	85.8	91.2	93.7	96.7	97.4	97.7	98.2	98.3	98.7	98.9	99.0	99.1	99.1	99.5	99.6
≥ 200	71.1	85.8	91.2	93.7	96.7	97.4	97.7	98.2	98.3	98.7	98.9	99.0	99.1	99.1	99.5	99.7
≥ 100	71.1	85.8	91.2	93.7	96.7	97.4	97.7	98.2	98.3	98.7	98.9	99.0	99.1	99.1	99.5	99.8
≥ 0	71.1	85.8	91.2	93.7	96.7	97.4	97.7	98.2	98.3	98.7	98.9	99.0	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1019

DATA PROCESSING BRANCH
USAF ETAC
AGE WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	43.5	50.2	51.6	52.4	53.2	53.4	53.7	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.1
≥ 20000	49.2	56.7	58.4	59.3	60.3	60.5	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2
≥ 18000	49.2	56.7	58.4	59.3	60.3	60.5	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2
≥ 16000	49.2	56.7	58.4	59.3	60.3	60.5	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2
≥ 14000	49.4	56.9	58.6	59.5	60.5	60.7	61.0	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 12000	49.8	57.2	59.0	59.9	60.9	61.1	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.7	61.7
≥ 10000	52.7	61.2	63.1	64.0	65.0	65.2	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	65.9
≥ 9000	53.1	61.6	63.6	64.5	65.5	65.7	65.9	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.3
≥ 8000	55.1	64.7	66.8	67.7	68.8	69.1	69.4	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9
≥ 7000	56.7	66.5	68.9	69.9	71.1	71.4	71.8	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.3	72.3
≥ 6000	58.9	68.0	70.3	71.2	72.7	73.0	73.4	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.9	73.9
≥ 5000	60.3	70.9	73.4	74.6	76.0	76.3	76.9	77.0	77.0	77.3	77.4	77.4	77.4	77.4	77.5	77.5
≥ 4500	60.3	71.5	74.0	75.1	76.6	76.9	77.5	77.6	77.6	77.9	78.0	78.0	78.0	78.0	78.1	78.1
≥ 4000	62.4	74.4	77.3	78.7	80.6	80.9	81.5	81.6	81.6	82.0	82.1	82.1	82.1	82.1	82.2	82.2
≥ 3500	62.5	74.7	77.8	79.4	81.3	81.6	82.2	82.3	82.3	82.7	82.8	82.8	82.8	82.8	82.9	82.9
≥ 3000	63.4	75.7	79.1	80.6	82.8	83.1	83.8	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.4	84.4
≥ 2500	64.3	76.7	80.2	82.1	84.3	84.6	85.3	85.4	85.4	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥ 2000	65.1	77.9	81.8	83.7	86.2	86.5	87.2	87.3	87.3	87.7	87.8	87.8	87.8	87.8	87.9	87.9
≥ 1800	65.2	78.4	82.5	84.3	86.9	87.2	88.1	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 1500	65.5	79.3	83.3	85.1	87.9	88.2	89.0	89.1	89.1	89.5	89.6	89.6	89.6	89.6	89.7	89.7
≥ 1200	66.1	79.8	84.2	86.2	89.3	89.6	90.6	90.7	90.7	91.1	91.2	91.3	91.3	91.3	91.4	91.4
≥ 1000	66.2	80.7	85.3	87.6	90.7	91.1	92.1	92.2	92.2	92.6	92.8	92.9	92.9	92.9	93.0	93.0
≥ 900	66.2	81.2	86.0	88.6	92.0	92.4	93.4	93.5	93.5	93.9	94.1	94.2	94.2	94.2	94.3	94.3
≥ 800	66.2	81.7	87.1	89.8	93.3	93.8	94.9	95.1	95.1	95.5	95.7	95.8	95.8	95.8	95.9	95.9
≥ 700	66.4	81.9	87.4	90.5	94.2	94.8	95.9	96.1	96.1	96.6	96.8	96.9	96.9	96.9	97.0	97.0
≥ 600	66.4	82.0	87.7	91.3	95.1	95.7	96.8	97.0	97.0	97.5	97.7	97.7	97.7	97.7	97.8	97.8
≥ 500	66.4	82.1	87.9	91.5	95.4	96.1	97.3	97.7	97.7	98.1	98.5	98.7	98.7	98.7	98.8	98.8
≥ 400	66.4	82.2	88.0	91.6	95.5	96.4	97.6	98.0	98.0	98.5	98.9	99.1	99.1	99.1	99.2	99.2
≥ 300	66.4	82.2	88.0	91.6	95.5	96.4	97.6	98.0	98.0	98.5	99.0	99.2	99.2	99.2	99.4	99.5
≥ 200	66.4	82.2	88.0	91.6	95.5	96.4	97.6	98.0	98.0	98.5	99.2	99.5	99.5	99.5	99.7	100.0
≥ 100	66.4	82.2	88.0	91.6	95.5	96.4	97.6	98.0	98.0	98.5	99.2	99.5	99.5	99.5	99.7	100.0
≥ 0	66.4	82.2	88.0	91.6	95.5	96.4	97.6	98.0	98.0	98.5	99.2	99.5	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 65-71,75-79 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	52.5	54.9	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	55.3
≥ 20000	58.4	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	58.4	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	58.4	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	58.5	61.3	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	58.8	61.7	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	61.3	65.3	65.8	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
≥ 9000	62.1	65.6	66.1	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
≥ 8000	64.6	69.0	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	65.9	70.5	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	66.6	71.5	72.3	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	68.0	74.5	75.6	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	68.3	74.8	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	68.8	77.9	79.1	79.4	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	70.9	78.7	80.0	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	72.8	81.6	82.9	83.3	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	73.6	82.8	84.3	84.7	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	75.7	85.8	87.8	88.3	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	76.1	86.3	88.3	88.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	76.5	87.6	89.7	90.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1200	76.9	88.9	91.0	92.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 1000	77.5	89.8	92.4	93.6	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	77.7	90.4	93.1	94.6	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 800	77.8	91.1	93.8	95.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	77.9	91.6	94.2	95.9	98.1	98.2	98.5	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	77.9	91.6	94.4	96.2	99.5	98.6	99.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	77.9	91.6	94.4	96.3	98.5	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	77.9	91.6	94.4	96.3	98.5	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	77.9	91.6	94.4	96.3	98.5	98.6	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	77.9	91.6	94.4	96.3	98.5	98.6	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	77.9	91.6	94.4	96.3	98.5	98.6	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	77.9	91.6	94.4	96.3	98.5	98.6	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-97 (STATION) MARSHALL AAF KS (STATION NAME) 56-71,75-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	58.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	58.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	58.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	59.2	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	62.2
≥ 12000	59.9	62.9	62.9	62.9	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	63.3	66.7	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	67.0
≥ 9000	63.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	65.6	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	66.6	70.4	70.7	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	67.7	71.6	71.8	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 5000	69.6	73.9	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 4500	70.3	74.5	74.8	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 4000	74.3	79.3	80.1	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 3500	75.5	81.3	81.3	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 3000	78.7	86.9	86.9	86.9	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7
≥ 2500	79.7	87.8	88.4	88.9	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7
≥ 2000	81.3	90.0	90.9	91.7	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 1800	81.7	90.7	91.6	92.4	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 1500	82.3	92.0	93.0	94.0	94.6	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3
≥ 1200	82.7	92.9	94.3	95.1	95.8	96.0	96.3	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7
≥ 1000	83.1	93.2	94.5	95.7	96.6	96.9	97.3	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 900	83.3	93.2	94.6	95.8	96.9	97.2	97.6	97.5	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 800	83.7	93.4	94.8	96.0	97.2	97.5	97.8	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 700	83.8	93.4	94.8	96.2	97.5	97.8	98.1	98.5	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 600	83.8	93.4	94.9	96.3	97.8	98.1	98.5	99.0	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 500	83.8	93.4	94.9	96.3	97.8	98.1	98.6	99.1	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	83.8	93.4	94.9	96.3	97.8	98.1	98.6	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	83.8	93.4	94.9	96.3	97.8	98.1	98.6	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	83.8	93.4	94.9	96.3	97.8	98.1	98.6	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	83.8	93.4	94.9	96.3	97.8	98.1	98.6	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	83.8	93.4	94.9	96.3	97.8	98.1	98.6	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 | MARSHALL AAF KS | 66-71,75-79 | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	55.1	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	62.3	65.7	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	65.9
≥ 18000	62.4	65.7	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	65.9
≥ 16000	62.8	65.7	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	65.9
≥ 14000	63.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	63.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	66.0	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	66.2	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	68.5	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	69.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	70.9	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000	72.1	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	73.4	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	77.8	83.4	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	79.1	85.2	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	81.9	89.4	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 2500	83.3	90.7	91.4	91.7	91.8	91.8	91.9	91.9	91.9	92.3	92.3	92.3	92.1	92.1	92.1	92.1
≥ 2000	84.1	92.1	92.8	93.2	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1800	84.6	92.6	93.7	94.2	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1500	85.2	94.0	94.3	95.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.3	96.8
≥ 1200	85.7	94.9	95.9	96.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1000	85.7	94.9	95.9	96.9	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 900	85.7	94.9	95.9	96.9	98.0	98.0	98.1	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 800	85.7	94.9	95.9	96.9	98.1	98.1	98.2	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	85.8	95.1	96.1	97.3	98.3	98.3	98.4	98.6	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	85.8	95.1	96.2	97.3	98.6	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	85.8	95.2	96.3	97.3	98.6	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	85.8	95.2	96.3	97.3	98.6	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	85.8	95.2	96.3	97.3	98.6	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	85.8	95.2	96.3	97.3	98.6	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	85.8	95.2	96.3	97.3	98.6	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	85.8	95.2	96.3	97.3	98.6	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] 47 — STATION
MARSHALL AAF KS — STATION NAME
56-71, 75-79 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥0
NO CEILING	[illegible]	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	[illegible]	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	[illegible]	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	[illegible]	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	[illegible]	68.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	[illegible]	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	[illegible]	72.1	72.2	72.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	[illegible]	72.1	72.2	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	[illegible]	78.1	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	[illegible]	81.1	81.2	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	[illegible]	82.3	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	[illegible]	84.7	85.1	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	[illegible]	84.8	85.1	85.5	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	[illegible]	87.3	87.7	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	[illegible]	88.2	88.4	88.9	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	[illegible]	89.3	90.4	91.1	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	[illegible]	91.0	91.7	92.1	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	[illegible]	91.9	92.8	93.3	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	[illegible]	92.1	93.0	93.5	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	[illegible]	92.6	93.5	94.2	95.3	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	[illegible]	93.7	94.7	95.3	96.5	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	[illegible]	94.1	95.2	96.2	97.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	[illegible]	94.1	95.2	96.2	97.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	[illegible]	94.2	95.3	96.3	97.4	97.7	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	[illegible]	94.3	95.4	96.4	97.5	97.9	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	[illegible]	94.3	95.4	96.4	97.5	98.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	[illegible]	94.3	95.4	96.4	97.5	98.1	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	[illegible]	94.3	95.4	96.4	97.5	98.1	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	[illegible]	94.3	95.4	96.4	97.5	98.1	99.2	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	[illegible]	94.3	95.4	96.4	97.5	98.1	99.2	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	[illegible]	94.3	95.4	96.4	97.5	98.1	99.2	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	[illegible]	94.3	95.4	96.4	97.5	98.1	99.2	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0

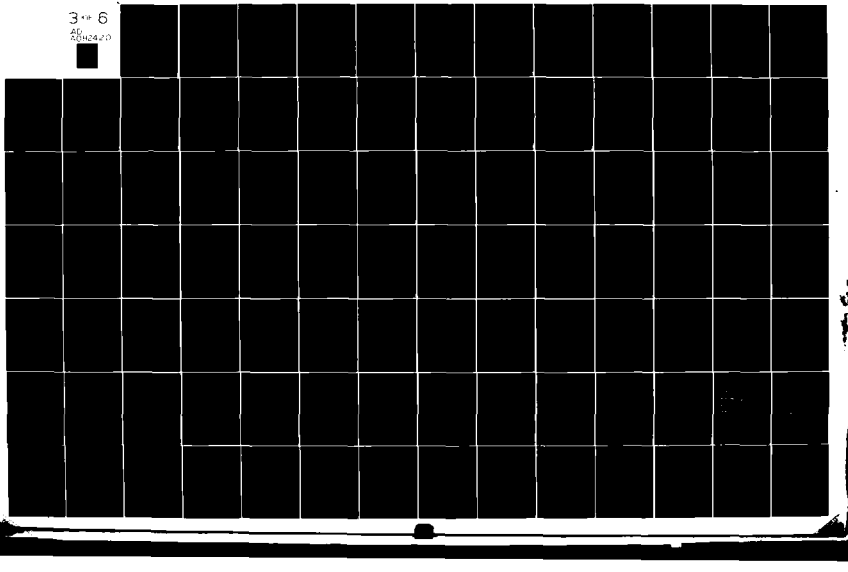
TOTAL NUMBER OF OBSERVATIONS 1019

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

AD-A082 420 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MARSHALL AAF, MANHATTAN, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
FEB 80

UNCLASSIFIED USAFETAC/DS-80/026 NL

3 OF 6
AD A082420



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01-2401 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	72.4	80.3	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	76.3	70.9	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	76.2	70.9	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	76.2	70.9	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	76.2	70.9	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	76.5	71.5	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	79.5	74.8	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	79.6	74.9	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	72.5	78.5	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	73.7	79.7	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	74.5	80.7	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	76.1	82.8	83.4	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	76.5	83.4	84.2	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	79.1	87.5	88.4	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
≥ 3500	79.2	87.7	88.6	88.9	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	80.6	90.1	91.1	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	81.1	90.8	91.9	92.2	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	81.8	92.0	93.0	93.3	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	82.2	92.5	93.5	93.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	82.3	92.6	93.9	94.2	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	82.5	93.2	94.6	95.3	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	82.8	94.2	95.7	96.8	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	82.9	94.4	96.1	97.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	87.1	94.9	96.4	97.5	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	93.1	95.0	96.6	97.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	93.3	95.3	96.9	98.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.3	95.4	97.1	98.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	93.3	95.4	97.1	98.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.3	95.4	97.1	98.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	93.3	95.4	97.1	98.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	93.3	95.4	97.1	98.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	93.3	95.4	97.1	98.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1020

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) MAY (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	53.8	57.4	58.1	58.4	58.7	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1
≥ 20000	59.2	63.6	64.5	64.8	65.1	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 18000	59.2	63.6	64.5	64.8	65.1	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 16000	59.2	63.6	64.5	64.8	65.1	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 14000	59.4	63.9	64.7	65.0	65.4	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8
≥ 12000	59.8	64.4	65.3	65.5	65.9	66.1	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 10000	62.5	67.5	68.5	68.8	69.1	69.2	69.3	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	62.7	67.7	68.7	69.0	69.3	69.4	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	65.6	71.3	72.4	72.7	73.1	73.2	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	67.0	72.9	74.1	74.4	74.9	74.9	75.1	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	68.0	74.1	75.3	75.7	76.1	76.2	76.4	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	68.8	76.6	77.9	78.4	78.9	79.0	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.5
≥ 4500	70.4	77.2	78.5	79.0	79.6	79.7	79.8	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	72.9	81.1	82.7	83.3	84.0	84.1	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6
≥ 3500	73.4	81.9	83.4	84.1	84.8	84.9	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5
≥ 3000	75.2	84.6	86.4	87.1	87.9	88.0	88.2	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 2500	75.9	85.7	87.6	88.4	89.3	89.4	89.6	89.7	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0
≥ 2000	77.3	87.2	89.3	90.2	91.3	91.4	91.6	91.7	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0
≥ 1800	77.2	87.8	89.9	90.8	92.0	92.1	92.3	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1500	77.7	88.6	90.9	91.9	93.2	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1200	78.2	89.6	92.0	93.1	94.5	94.7	95.0	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1000	78.5	90.2	92.6	94.0	95.5	95.7	96.0	96.2	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 900	78.5	90.4	93.0	94.4	96.1	96.2	96.6	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 800	78.6	90.7	93.3	94.8	96.6	96.8	97.2	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.8	97.8
≥ 700	78.7	90.9	93.6	95.2	97.0	97.2	97.6	97.8	97.9	98.2	98.2	98.3	98.3	98.3	98.4	98.4
≥ 600	78.7	91.0	93.8	95.5	97.5	97.8	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	78.7	91.1	93.9	95.7	97.7	98.1	98.6	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	78.7	91.1	94.0	95.8	97.9	98.2	98.8	99.1	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7
≥ 300	78.7	91.1	94.0	95.8	97.9	98.2	98.8	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 200	78.7	91.1	94.0	95.8	97.9	98.2	98.8	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9
≥ 100	78.7	91.1	94.0	95.8	97.9	98.2	98.8	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	78.7	91.1	94.0	95.8	97.9	98.2	98.8	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 8166

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 56-71,75-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	63.5	67.4	68.0	69.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 20000	69.7	73.5	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 18000	69.7	73.5	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 16000	69.7	73.5	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 14000	69.7	73.5	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 12000	69.9	73.7	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
≥ 10000	72.6	76.8	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 9000	72.6	76.8	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 8000	75.6	79.9	80.5	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 7000	76.3	80.7	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 6000	77.8	82.4	83.2	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 5000	79.3	85.1	86.1	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 4500	79.9	85.7	86.8	87.1	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.6	87.8	87.8	87.8	87.9
≥ 4000	82.2	90.1	91.5	91.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 3500	83.6	91.0	92.4	92.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 3000	84.3	92.3	93.7	94.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 2500	84.5	92.6	94.0	94.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 2000	84.7	93.2	94.7	95.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 1800	84.9	93.6	95.2	95.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 1500	85.2	94.1	95.7	96.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 1200	85.5	94.7	96.4	96.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 1000	85.7	94.9	96.6	96.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 900	85.9	95.2	96.8	97.1	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 800	86.0	95.4	97.0	97.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 700	86.0	95.4	97.1	97.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 600	86.0	95.5	97.3	97.6	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 500	86.0	95.5	97.3	97.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	86.0	95.5	97.3	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	86.0	95.5	97.3	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	86.0	95.5	97.3	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	86.0	95.5	97.3	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 0	86.0	95.5	97.3	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 595

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 56-71,75-79 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ ⅜	≥5/16	≥¼	≥0
NO CEILING	59.4	63.3	64.6	64.9	65.9	65.9	66.1	66.2	66.2	66.7	66.2	66.2	66.3	66.3	66.3	66.3
≥ 20000	63.3	66.3	70.1	70.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.6	71.8	71.8	71.8
≥ 18000	63.3	66.3	70.1	70.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 16000	63.3	66.3	70.1	70.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 14000	63.3	68.4	70.3	70.5	71.5	71.5	71.7	71.6	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 12000	63.3	68.6	70.5	70.8	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 10000	66.6	72.2	74.1	74.4	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
≥ 9000	66.7	72.3	74.2	74.5	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 8000	69.5	76.5	78.5	78.8	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 7000	70.3	77.3	79.3	79.6	80.6	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 6000	72.3	79.7	81.7	82.0	83.0	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
≥ 5000	74.3	82.3	84.6	85.1	86.3	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.5
≥ 4500	74.7	82.7	85.1	85.5	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 4000	77.9	87.2	89.5	89.9	91.3	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 3500	78.5	88.5	90.3	90.7	92.1	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 3000	79.1	88.9	91.9	91.9	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 2500	79.1	89.2	92.0	92.4	93.9	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 2000	79.5	90.3	92.9	93.3	94.8	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1800	79.7	90.2	93.1	93.5	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1500	80.1	90.6	93.5	93.9	95.5	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1200	80.7	91.6	94.6	95.3	96.8	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1000	80.8	91.8	94.8	95.6	97.2	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 900	80.8	91.9	95.1	95.8	97.4	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 800	80.8	92.0	95.2	95.9	97.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	80.9	92.2	95.4	96.2	97.8	97.8	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	80.9	92.3	95.5	96.3	98.1	98.1	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	80.9	92.3	95.5	96.3	98.2	98.2	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	80.9	92.3	95.6	96.3	98.2	98.2	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	80.9	92.3	95.5	96.3	98.2	98.2	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	80.9	92.3	95.5	96.3	98.2	98.2	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 100	80.9	92.3	95.5	96.3	98.2	98.2	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 0	80.9	92.3	95.5	96.3	98.2	98.2	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING BRANCH
USAF ETAC
U.S. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	50.6	56.3	59.4	60.0	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.3
≥ 20000	55.9	64.2	66.1	66.6	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.8	67.9
≥ 18000	55.9	64.2	66.1	66.6	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.8	67.9
≥ 16000	55.9	64.2	66.0	66.6	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.8	67.9
≥ 14000	55.9	64.2	66.1	66.6	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.8	67.9
≥ 12000	56.9	65.5	67.2	67.8	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.0	69.1
≥ 10000	61.2	70.2	72.0	72.6	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	74.0	74.0	74.0	74.1
≥ 9000	61.6	70.8	72.6	73.3	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.6	74.6	74.7
≥ 8000	64.7	75.3	77.1	77.7	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.1
≥ 7000	65.7	76.3	78.1	78.7	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.1
≥ 6000	66.7	77.7	79.5	80.2	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.7	81.7	81.7	81.8
≥ 5000	69.3	81.4	83.3	83.9	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.5	85.6
≥ 4500	69.4	81.6	83.5	84.1	85.0	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.8
≥ 4000	71.5	84.5	86.5	87.1	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.1
≥ 3500	72.2	85.6	87.7	88.3	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.4
≥ 3000	73.3	87.3	89.3	89.9	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.9
≥ 2500	73.7	88.1	90.4	91.2	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.2
≥ 2000	74.1	88.7	90.9	91.7	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	93.8	93.9
≥ 1800	74.2	89.1	91.4	92.2	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.4
≥ 1500	74.7	89.8	92.1	92.9	94.2	94.4	94.7	94.7	94.7	94.7	94.8	94.8	95.1	95.1	95.1	95.2
≥ 1200	75.5	90.8	93.1	93.9	95.2	95.4	95.7	95.7	95.7	95.7	95.8	95.8	96.1	96.1	96.1	96.3
≥ 1000	76.1	91.6	93.9	94.7	96.1	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.3	97.3	97.3	97.4
≥ 900	76.4	92.3	94.3	95.1	96.6	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.7	97.7	97.7	97.8
≥ 800	76.4	92.2	94.5	95.3	96.8	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.9	97.9	97.9	98.0
≥ 700	76.6	92.4	94.7	95.5	97.1	97.5	97.8	97.8	97.8	97.8	98.1	98.1	98.4	98.4	98.4	98.5
≥ 600	76.7	92.5	94.8	95.6	97.3	97.6	98.1	98.1	98.1	98.1	98.4	98.4	98.7	98.7	98.7	98.8
≥ 500	76.7	92.5	94.8	95.6	97.3	97.8	98.1	98.4	98.4	98.6	99.0	99.0	99.3	99.3	99.3	99.4
≥ 400	76.7	92.5	94.8	95.6	97.3	97.8	98.1	98.4	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.5
≥ 300	76.7	92.5	94.8	95.6	97.3	97.8	98.1	98.4	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.5
≥ 200	76.7	92.5	94.8	95.6	97.3	97.8	98.1	98.4	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.5
≥ 100	76.7	92.5	94.8	95.6	97.3	97.8	98.1	98.4	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.6
≥ 0	76.7	92.5	94.8	95.6	97.3	97.8	98.1	98.4	99.4	98.7	99.1	99.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 957

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	57.2	61.8	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	64.3	69.3	69.6	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
≥ 18000	64.3	69.3	69.6	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
≥ 16000	64.3	69.3	69.6	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
≥ 14000	64.8	69.5	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	65.1	70.4	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	69.1	74.9	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	69.8	75.6	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	73.1	80.2	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	73.8	81.2	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	75.7	83.3	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	77.3	85.4	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	77.8	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	78.2	87.8	88.2	88.4	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	79.2	88.2	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	80.3	90.6	91.2	91.5	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	81.1	91.5	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	81.8	92.6	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	82.4	93.4	94.1	94.5	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	83.3	94.4	95.1	95.6	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	94.1	95.5	96.4	96.9	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	84.3	95.9	97.1	97.6	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	84.3	95.9	97.3	97.9	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	84.6	96.2	97.5	98.3	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	84.6	96.2	97.6	98.4	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	84.6	96.2	97.6	98.4	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	84.6	96.2	97.6	98.4	99.2	99.4	99.6	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	84.6	96.2	97.6	98.4	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.6	96.2	97.6	98.4	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.6	96.2	97.6	98.4	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.6	96.2	97.6	98.4	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.6	96.2	97.6	98.4	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 986

DATA PROCESSING BRANCH
USAF ETAC
AFGWC/WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12047 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	66.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	67.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	67.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	67.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	68.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	73.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	73.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	75.1	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	76.0	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
≥ 6000	77.1	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	78.6	82.6	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	78.8	82.9	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	81.3	85.9	86.4	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	81.7	86.7	87.2	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	84.7	91.5	92.6	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	85.7	92.7	93.7	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	87.1	94.1	95.4	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	87.1	94.1	95.6	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	87.3	94.7	96.3	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	87.9	95.5	97.3	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	87.9	96.3	98.1	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	88.3	96.1	98.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	88.3	96.3	98.4	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	88.2	96.3	98.5	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	88.2	96.3	98.5	98.8	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.2	96.3	98.5	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	88.2	96.3	98.5	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	88.2	96.3	98.5	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.2	96.3	98.5	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.2	96.3	98.5	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	88.2	96.3	98.5	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 986

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17647 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.6	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	69.8	72.4	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
≥ 18000	70.1	72.7	72.9	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
≥ 16000	70.3	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	70.4	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	71.1	73.6	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
≥ 10000	73.6	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	73.9	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	75.2	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	76.3	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	77.4	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	79.5	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	79.8	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	83.8	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	84.5	89.9	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	86.5	92.3	93.4	93.6	93.8	94.1	94.3	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	87.3	93.2	94.4	94.7	94.9	95.2	95.4	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	88.3	94.5	95.7	96.0	96.3	96.6	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	88.4	94.6	95.8	96.1	96.5	96.8	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	88.9	95.1	96.5	96.9	97.3	97.6	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	88.9	95.6	97.0	97.5	98.0	98.3	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	88.9	95.7	97.1	97.6	98.1	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	88.9	95.7	97.1	97.6	98.1	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	88.9	95.7	97.1	97.6	98.1	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	88.9	95.7	97.3	97.8	98.4	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	89.1	95.8	97.4	97.9	98.5	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	89.1	95.8	97.4	97.9	98.5	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	89.1	95.8	97.4	97.9	98.5	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	89.1	95.8	97.4	97.9	98.5	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	89.1	95.8	97.4	97.9	98.5	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	89.1	95.8	97.4	97.9	98.5	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	89.1	95.8	97.4	97.9	98.5	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 387

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.3	69.8	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 20000	73.1	77.1	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	73.3	77.3	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	73.3	77.3	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	73.3	77.3	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	73.9	77.8	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	76.2	80.9	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	76.4	81.1	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	78.5	84.2	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	79.5	85.1	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	80.3	86.2	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	1.8	86.4	88.7	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	87.4	89.1	89.4	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	92.3	92.3	92.6	93.0	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 3500	92.7	92.9	93.2	93.7	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 3000	93.0	94.6	95.0	95.5	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 2500	93.4	95.0	95.4	95.9	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 2000	93.7	95.6	96.1	96.7	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1800	94.2	95.9	96.4	97.1	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1500	94.2	96.0	96.5	97.6	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1200	95.2	96.1	96.7	97.8	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	95.3	96.6	97.3	98.3	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	95.5	97.3	97.6	98.6	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	95.5	97.3	97.6	98.6	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	95.6	97.1	97.7	98.7	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	95.8	97.1	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	95.8	97.1	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	95.8	97.1	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	95.8	97.1	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	95.8	97.1	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.8	97.1	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	95.8	97.1	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 784

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-47	MARSHALL AAF FS	66-71,75-79	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.3	69.5	69.5	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	75.6	75.8	75.8	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	75.6	75.8	75.8	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	75.6	75.8	75.8	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	75.9	76.1	76.1	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	76.1	76.5	76.5	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	78.2	79.0	79.0	79.5	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	78.3	79.1	79.1	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	81.5	81.8	81.8	82.2	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	82.5	82.7	82.7	83.2	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	83.5	83.9	83.9	84.4	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	86.4	86.2	86.2	86.7	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	86.9	86.8	86.9	87.4	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	91.6	92.2	92.7	93.4	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	92.0	92.6	93.1	93.9	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	96.1	94.1	94.8	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	96.2	94.3	95.2	95.9	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.6	95.3	96.2	97.0	97.7	97.7	97.7	98.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	96.8	95.5	96.5	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.9	95.9	96.9	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.3	96.3	97.3	98.1	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.3	96.6	97.6	98.5	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.4	96.8	97.8	98.8	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.4	96.8	97.8	98.9	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.4	96.8	97.8	98.8	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.4	96.8	97.8	98.8	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	96.8	97.8	98.8	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	96.8	97.8	98.8	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	96.8	97.8	98.8	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	96.8	97.8	98.8	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	96.8	97.8	98.8	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	96.8	97.8	98.8	99.6	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 956

[illegible] PROCESSING BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17,47 (STATION) MARSHALL AAF KS (STATION NAME) 66-71,75-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.8	66.2	66.5	66.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 20000	66.8	71.3	71.4	72.2	72.5	72.6	72.6	72.6	72.6	72.5	72.5	72.6	72.7	72.7	72.7	72.7
≥ 18000	66.7	71.4	72.1	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
≥ 16000	66.7	71.4	72.1	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000	66.9	71.6	72.2	72.5	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 12000	67.5	72.2	72.8	73.2	73.5	73.5	73.5	73.6	73.6	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	70.7	75.8	76.3	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 9000	71.0	76.1	76.8	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 8000	73.4	79.3	80.3	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 7000	74.2	80.2	81.0	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 6000	75.6	81.5	82.6	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
≥ 5000	77.4	84.4	85.2	85.6	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
≥ 4500	77.7	84.8	85.6	86.0	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 4000	78.7	88.6	89.4	89.9	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 3500	81.2	89.4	90.3	90.7	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	82.7	91.4	92.7	93.1	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 2500	87.1	92.1	93.4	93.9	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 2000	88.3	93.3	94.4	94.9	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	94.0	93.3	94.4	95.3	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1500	94.3	93.6	95.3	95.9	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1200	94.7	94.5	96.1	96.7	97.5	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1000	94.9	94.9	96.5	97.2	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	95.0	95.1	96.7	97.4	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 800	95.1	95.2	96.9	97.5	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	95.1	95.2	97.0	97.7	98.7	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 600	95.2	95.3	97.1	97.8	98.8	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	95.2	95.3	97.1	97.8	98.9	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	95.2	95.3	97.1	97.8	98.9	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	95.2	95.3	97.1	97.8	98.9	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	95.2	95.3	97.1	97.8	98.9	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	95.2	95.3	97.1	97.8	98.9	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	95.2	95.3	97.1	97.8	98.9	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7500

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17447 MARSHALL AAF KS 58-70,74-79 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	75.9	75.8	74.4	74.5	75.5	75.5	75.8	75.8	75.8	75.9	75.9	75.9	75.8	75.8	75.9	75.9
≥ 20000	76.2	77.0	77.7	77.8	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	77.2	77.2	77.7	77.8	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	77.2	77.1	77.7	77.8	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	77.4	77.2	77.8	78.0	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000	78.1	77.9	78.5	78.8	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	78.2	81.3	82.0	82.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	78.3	81.5	82.2	82.4	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	79.4	84.7	85.5	85.8	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	81.5	87.1	87.9	88.2	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	82.1	88.1	88.8	89.1	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	82.7	90.2	91.0	91.3	92.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	84.1	90.4	91.3	91.7	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	86.6	93.3	94.4	94.8	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	87.1	93.9	95.1	95.4	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	87.9	95.2	96.3	96.6	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	88.0	95.3	96.4	96.9	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	88.1	95.6	96.7	97.2	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	88.1	95.6	96.7	97.2	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	88.1	95.6	96.7	97.2	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	88.1	95.6	97.0	97.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	88.2	95.9	97.3	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	88.2	95.9	97.3	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	88.2	95.9	97.3	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	88.2	96.0	97.5	98.0	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1015

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17 47 (STATION) MARSHALL AAF KS (STATION NAME) 65-70, 74-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥0
NO CEILING	72.	66.7	69.7	69.3	71.6	72.2	71.7	71.3	71.7	71.5	71.5	71.5	71.7	71.7	71.7	71.7
≥ 20000	75.1	73.2	72.2	72.5	74.2	74.2	74.8	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2
≥ 18000	75.1	73.2	72.2	72.8	74.2	74.2	74.8	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2
≥ 16000	75.1	73.2	72.2	72.9	74.2	74.2	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	75.1	73.2	72.2	72.8	74.2	74.2	74.8	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	75.5	73.7	72.5	73.4	74.8	74.9	75.3	75.4	75.4	75.6	75.6	75.6	75.8	75.8	75.8	75.8
≥ 10000	76.3	74.4	76.5	77.1	75.7	78.7	79.3	79.4	79.4	79.5	79.5	79.5	79.7	79.7	79.7	79.7
≥ 9000	76.5	74.5	76.7	77.3	79.9	79.9	79.5	79.5	79.5	79.7	79.7	79.7	79.9	79.9	79.9	79.9
≥ 8000	77.1	79.9	82.1	82.7	84.3	84.3	84.9	85.0	85.0	85.2	85.2	85.2	85.4	85.4	85.4	85.4
≥ 7000	78.7	81.7	83.9	84.5	86.2	86.3	86.9	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4
≥ 6000	79.7	82.9	85.1	85.7	87.4	87.5	88.1	88.2	88.2	88.4	88.4	88.4	88.6	88.6	88.6	88.6
≥ 5000	79.8	83.4	87.6	88.4	90.0	90.1	90.7	90.8	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.2
≥ 4500	79.1	83.5	87.7	88.5	90.1	90.2	90.8	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 4000	80.1	84.2	91.4	92.2	93.9	94.4	95.0	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.5
≥ 3500	80.5	84.8	92.4	93.2	94.9	95.4	96.0	96.1	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 3000	81.3	85.6	93.7	94.1	96.0	96.5	97.2	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 2500	81.3	85.8	93.7	94.1	96.0	96.5	97.2	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 2000	81.7	86.5	94.0	94.9	96.8	97.3	97.9	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 1800	81.7	86.8	94.1	95.0	96.9	97.4	98.0	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 1500	81.7	86.8	94.1	95.0	96.9	97.4	98.0	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 1200	81.7	86.8	94.5	95.4	97.3	97.7	98.4	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 1000	81.9	86.9	94.7	95.6	97.6	98.3	98.7	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 900	81.9	87.1	94.8	95.7	97.7	98.1	98.8	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	81.9	87.2	94.8	95.7	97.7	98.1	98.8	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	81.9	87.2	94.9	95.8	97.7	98.2	98.9	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 600	81.9	87.2	95.0	95.9	97.8	98.3	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 500	81.9	87.2	95.0	95.9	98.0	98.5	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	81.9	87.2	95.0	95.9	98.0	98.5	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	81.9	87.2	95.0	95.9	98.0	98.5	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	81.9	87.2	95.0	95.9	98.0	98.5	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	81.9	87.2	95.1	95.9	98.0	98.5	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	81.9	87.2	95.1	95.9	98.0	98.5	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1422

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 | MARSHALL AAF KS | 65-70,74-79 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0900
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	54.8	61.4	62.5	63.6	64.4	64.7	66.2	66.4	66.4	66.5	66.4	66.6	66.7	66.7	66.7	66.7
≥ 20000	59.1	66.6	67.9	69.0	70.1	70.4	71.9	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 18000	59.1	66.6	67.9	69.0	70.1	70.4	71.9	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 16000	59.1	66.6	67.9	69.0	70.1	70.4	71.9	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 14000	59.3	66.8	68.1	69.2	70.3	70.6	72.1	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6
≥ 12000	60.1	66.8	68.0	69.2	70.4	71.5	71.8	73.3	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8
≥ 10000	64.9	73.4	74.8	76.0	77.2	77.6	79.0	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5
≥ 9000	65.1	73.6	75.0	76.2	77.4	77.8	79.2	79.4	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7
≥ 8000	68.6	76.4	79.9	81.4	82.8	83.2	84.6	84.8	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.1
≥ 7000	70.0	80.2	81.6	83.3	84.7	85.1	86.6	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1
≥ 6000	71.2	81.4	83.1	84.9	85.9	86.3	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 5000	73.1	83.6	85.3	86.8	88.1	88.5	90.0	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 4500	73.2	83.9	85.6	87.1	88.4	88.8	90.3	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8
≥ 4000	74.4	86.3	88.1	89.5	90.9	91.4	93.0	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3500	74.9	86.7	88.4	89.9	91.3	91.8	93.4	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 3000	75.7	87.6	89.6	91.1	92.7	93.1	94.8	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 2500	75.8	88.0	89.8	91.3	92.9	93.3	95.0	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5
≥ 2000	76.3	88.6	90.6	92.2	93.7	94.2	95.9	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1800	76.3	88.7	90.7	92.3	93.8	94.3	96.0	96.2	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 1500	76.4	88.9	90.9	92.5	94.1	94.6	96.3	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1200	76.6	89.1	91.5	93.0	94.7	95.2	96.9	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1000	76.7	89.5	91.9	93.5	95.2	95.7	97.5	97.6	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 900	76.7	89.7	92.1	93.9	95.6	96.1	97.8	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	76.7	89.7	92.3	94.3	96.0	96.5	98.2	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	76.8	89.8	92.4	94.6	96.3	96.8	98.5	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	76.8	89.8	92.4	94.7	96.4	96.9	98.6	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	76.8	89.8	92.4	94.7	96.4	96.9	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	76.8	89.8	92.4	94.7	96.4	96.9	98.8	99.0	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	76.8	89.8	92.4	94.7	96.4	96.9	98.8	99.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	76.8	89.8	92.4	94.7	96.4	96.9	98.8	99.0	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	76.8	89.8	92.4	94.7	96.4	96.9	98.8	99.0	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	76.8	89.8	92.4	94.7	96.4	96.9	98.8	99.0	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING BRANCH
USAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-70,74-79 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥5/16	≥¼	≥0
NO CEILING	63.5	69.1	69.9	70.0	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 20000	68.3	74.0	74.8	75.0	75.8	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	68.3	74.0	74.8	75.0	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	68.1	74.1	74.9	75.1	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	68.7	74.7	75.5	75.7	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	69.6	76.1	76.8	77.0	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	73.2	79.8	80.5	80.7	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	73.6	80.2	80.9	81.1	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	76.4	84.0	84.8	85.0	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	78.3	85.6	86.5	86.7	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	78.7	86.5	87.4	87.6	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	79.6	87.8	88.8	89.0	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	79.6	87.9	88.9	89.1	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	80.7	89.5	90.7	90.9	91.6	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	81.0	90.0	91.2	91.4	92.1	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	82.3	91.5	92.7	92.9	93.5	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	82.5	91.8	93.0	93.2	93.8	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	83.0	92.5	93.6	93.9	94.6	94.7	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	83.3	92.9	94.0	94.3	95.1	95.2	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	83.3	93.2	94.5	94.8	95.6	95.8	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	83.7	93.7	95.3	95.7	96.6	96.8	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	83.9	94.1	95.9	96.3	97.3	97.5	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	84.0	94.4	96.2	96.6	97.7	97.8	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	84.0	94.4	96.4	97.0	98.0	98.2	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	84.0	94.4	96.4	97.0	98.2	98.4	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	84.1	94.5	96.7	97.3	98.5	98.7	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	84.1	94.5	96.8	97.4	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.1	94.5	96.8	97.4	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.1	94.5	96.8	97.4	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.1	94.5	96.8	97.4	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.1	94.5	96.8	97.4	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.1	94.5	96.8	97.4	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 56-70,74-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	65.9	69.5	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 20000	71.8	76.4	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	71.8	76.4	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	71.8	76.4	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	72.2	76.9	77.3	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	72.1	76.8	78.4	76.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	76.2	81.6	81.9	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	76.4	81.8	82.2	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	79.7	85.6	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	80.2	86.1	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	80.7	86.8	87.2	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	82.3	88.6	89.1	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	82.5	88.8	89.3	89.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	84.7	91.6	92.1	92.2	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	85.4	92.5	93.0	93.2	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	85.9	93.7	94.2	94.4	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	86.1	94.2	94.7	94.9	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	86.9	95.2	95.7	95.9	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	87.1	95.7	96.2	96.6	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	87.7	96.4	97.0	97.4	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	87.8	96.7	97.4	98.0	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	87.8	96.7	97.6	98.3	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	87.8	96.8	97.7	98.5	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	87.8	96.8	97.7	98.5	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.9	96.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1014

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.5	73.4	73.7	73.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	73.9	77.1	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	73.9	77.1	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	73.9	77.1	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	74.5	77.6	77.9	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	74.8	78.3	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	77.4	81.2	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	77.5	81.3	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	80.0	84.6	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	81.8	85.9	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	83.1	87.2	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	84.3	88.5	89.3	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	84.9	89.1	89.9	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	88.5	93.5	94.3	94.4	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	89.2	94.2	95.0	95.1	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	90.1	95.5	96.4	96.6	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	90.5	96.0	96.9	97.1	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	90.8	96.6	97.5	97.7	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	91.2	97.2	98.0	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	91.2	97.2	98.0	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	91.2	97.2	98.3	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.2	97.2	98.6	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.2	97.2	98.6	99.0	99.7	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 1020

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-70,74-79 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	72.2	72.6	72.6	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 20000	74.8	78.5	78.8	78.8	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	74.8	78.5	78.8	78.8	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	74.8	78.5	78.8	78.8	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	75.1	78.8	79.1	79.0	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000	75.6	79.2	79.7	79.9	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	79.0	82.8	83.3	83.4	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	79.5	83.3	83.8	84.0	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	82.4	87.0	87.6	87.8	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	84.6	88.9	89.5	89.8	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	85.6	90.2	90.8	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	87.0	91.4	92.0	92.3	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	87.6	92.0	92.6	92.9	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	89.8	94.9	95.5	96.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	90.2	95.6	96.2	96.7	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	90.3	96.1	96.3	97.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	90.5	96.6	97.3	97.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	90.8	97.0	97.6	98.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	90.8	97.0	97.6	98.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1500	90.8	97.0	97.6	98.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1200	90.8	97.0	97.7	98.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1000	90.8	97.0	97.9	98.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	90.8	97.0	97.9	98.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 800	90.8	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	90.8	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	90.8	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	90.8	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	90.9	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	90.9	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	90.8	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	90.8	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	90.8	97.0	97.9	98.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.7	77.6	78.1	78.4	78.7	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.1	79.0	79.0
≥ 20000	78.3	81.2	81.7	82.0	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	78.3	81.2	81.7	82.0	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	78.3	81.2	81.7	82.0	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	78.3	81.2	81.7	82.0	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	78.6	81.5	82.4	82.9	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	82.2	85.0	86.2	86.7	87.1	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	82.3	85.7	86.3	86.8	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	85.0	88.7	89.3	89.8	90.2	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000	86.0	89.9	90.5	91.0	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	87.4	91.3	91.9	92.4	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	88.9	92.9	93.4	93.9	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	89.9	93.9	93.4	93.9	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	90.7	95.3	95.6	96.1	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	91.3	95.6	96.2	96.7	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	91.3	97.0	97.6	98.1	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	92.2	97.5	98.2	98.7	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	92.4	97.6	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	92.4	97.6	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	92.4	97.6	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	92.4	97.6	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	92.4	97.6	98.6	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	92.4	97.6	98.6	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	92.4	97.6	98.6	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	92.4	97.6	98.6	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.4	97.6	98.6	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.4	97.6	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.4	97.6	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.4	97.6	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.4	97.6	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.4	97.6	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.4	97.6	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) JUL (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.9	73.1	73.5	71.1	71.8	71.8	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	73.4	73.1	75.9	76.2	77.0	77.0	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	73.4	75.1	75.9	76.2	77.0	77.0	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	73.4	75.1	75.9	76.3	77.0	77.0	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	73.6	75.4	76.2	76.5	77.2	77.3	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	73.8	75.3	77.1	77.5	78.2	78.3	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	74.7	80.0	80.9	81.3	82.0	82.1	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	74.9	80.2	81.2	81.5	82.3	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 8000	78.2	84.1	85.1	85.5	86.3	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 7000	79.6	85.7	86.7	87.1	87.9	88.0	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	80.6	86.7	87.7	88.2	89.0	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	82.1	88.5	89.5	90.0	90.9	91.0	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500	82.3	88.8	89.8	90.3	91.2	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	84.5	91.6	92.3	92.3	94.2	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	84.9	92.3	93.4	93.9	94.9	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 3000	85.7	93.4	94.6	95.2	96.2	96.3	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	85.9	93.8	94.9	95.5	96.5	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	86.2	94.3	95.5	96.1	97.1	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	86.3	94.5	95.7	96.4	97.4	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1500	86.4	94.7	95.9	96.5	97.6	97.7	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	86.5	94.9	96.3	96.9	98.0	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1000	86.6	95.0	96.6	97.3	98.4	98.5	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	86.6	95.1	96.7	97.4	98.5	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	86.6	95.1	96.7	97.5	98.6	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	86.6	95.1	96.8	97.6	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	86.7	95.1	96.8	97.6	98.8	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	86.7	95.1	96.9	97.7	98.8	99.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	86.7	95.1	96.9	97.7	98.8	99.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	86.7	95.1	96.9	97.7	98.8	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	86.7	95.1	96.9	97.7	98.8	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	86.7	95.1	96.9	97.7	98.8	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	86.7	95.1	96.9	97.7	98.8	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9166

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-70,74-79 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	69.7	73.6	74.7	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	71.8	77.4	78.5	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	71.8	77.4	78.5	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	71.8	77.4	78.5	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	71.8	77.4	78.5	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	71.9	77.5	78.6	78.8	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	76.0	82.9	84.1	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	76.5	84.0	85.2	85.4	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	79.3	87.6	88.8	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	81.1	89.3	90.5	90.7	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	81.6	90.2	91.4	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	81.8	90.7	91.9	92.1	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	81.9	90.7	91.9	92.3	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	83.2	93.1	94.3	94.7	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	83.4	93.7	94.9	95.3	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 3000	83.8	94.5	95.7	96.2	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 2500	83.8	94.7	95.9	96.4	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 2000	83.9	95.0	96.2	96.6	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1800	83.9	95.0	96.2	96.6	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1500	83.9	95.2	96.5	97.0	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	83.9	95.5	96.8	97.3	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	83.9	95.5	96.9	97.4	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 900	84.1	95.7	97.1	97.6	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	84.3	96.0	97.4	98.0	98.9	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	84.3	96.0	97.4	98.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	84.3	96.1	97.5	98.1	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	84.3	96.1	97.5	98.1	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	84.3	96.1	97.6	98.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	84.3	96.1	97.6	98.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	84.3	96.1	97.6	98.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	84.3	96.1	97.6	98.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	84.3	96.1	97.6	98.2	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1014

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-47 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0959 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	59.3	66.6	67.8	68.2	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3
≥ 20000	62.1	69.4	70.7	71.1	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3
≥ 18000	62.1	69.4	70.7	71.1	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3
≥ 16000	62.1	69.4	70.7	71.1	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3
≥ 14000	62.2	69.5	70.8	71.2	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4
≥ 12000	63.1	70.4	71.7	72.1	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3
≥ 10000	67.3	75.4	76.7	77.1	77.6	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2
≥ 9000	67.7	76.2	77.6	78.0	78.6	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2
≥ 8000	71.1	80.1	81.9	82.4	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6
≥ 7000	73.1	82.1	83.9	84.4	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6
≥ 6000	74.7	84.1	85.9	86.4	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5
≥ 5000	75.7	85.7	87.6	88.1	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5
≥ 4500	75.7	85.7	87.6	88.1	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5
≥ 4000	78.0	89.2	91.2	92.0	92.8	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 3500	79.0	89.2	91.5	92.3	93.3	93.4	93.6	93.6	93.8	93.9	94.0	94.0	94.2	94.2	94.2	94.2
≥ 3000	78.0	89.6	92.4	93.2	94.3	94.4	94.6	94.6	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2
≥ 2500	78.1	90.4	93.0	93.8	94.9	95.0	95.2	95.2	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.7
≥ 2000	78.3	90.9	93.6	94.4	95.5	95.5	95.7	95.7	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 1800	78.3	90.9	93.6	94.4	95.5	95.5	95.7	95.7	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 1500	78.3	91.1	93.8	94.7	95.7	95.9	96.1	96.1	96.3	96.4	96.5	96.5	96.7	96.7	96.7	96.7
≥ 1200	78.3	91.3	94.3	95.2	96.2	96.4	96.6	96.6	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.4
≥ 1000	78.3	91.3	94.3	95.3	96.3	96.5	96.7	96.9	97.1	97.2	97.3	97.3	97.5	97.6	97.6	97.6
≥ 900	78.3	91.3	94.3	95.3	96.3	96.5	96.7	96.9	97.1	97.2	97.3	97.3	97.5	97.6	97.6	97.6
≥ 800	78.3	91.9	95.0	95.9	97.0	97.2	97.4	97.6	97.8	97.9	98.0	98.0	98.3	98.4	98.4	98.4
≥ 700	78.3	91.9	95.0	95.9	97.0	97.2	97.5	97.7	97.9	98.0	98.1	98.1	98.4	98.5	98.5	98.5
≥ 600	78.4	92.0	95.2	96.1	97.5	97.7	98.0	98.2	98.4	98.5	98.6	98.6	98.9	99.0	99.0	99.0
≥ 500	78.4	92.0	95.2	96.1	97.6	97.8	98.1	98.3	98.5	98.6	98.8	98.8	99.1	99.2	99.2	99.2
≥ 400	78.4	92.0	95.2	96.1	97.6	98.0	98.4	98.7	98.9	99.2	99.4	99.4	99.7	99.8	99.8	99.8
≥ 300	78.4	92.0	95.2	96.1	97.6	98.0	98.4	98.7	98.9	99.2	99.4	99.4	99.7	99.8	99.8	99.8
≥ 200	78.4	92.0	95.2	96.1	97.6	98.0	98.4	98.7	98.9	99.2	99.5	99.6	99.9	100.0	100.0	100.0
≥ 100	78.4	92.0	95.2	96.1	97.6	98.0	98.4	98.7	98.9	99.2	99.6	99.6	99.9	100.0	100.0	100.0
≥ 0	78.4	92.0	95.2	96.1	97.6	98.0	98.4	98.7	98.9	99.2	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1911

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 STATION | MARSHALL AAF KS STATION NAME | 66-70,74-79 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0859 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.1	55.6	57.5	59.7	59.1	59.8	59.9	60.2	60.4	60.6	60.6	60.6	60.6	60.7	60.7	60.9
≥ 20000	58.3	59.3	61.4	62.5	63.0	63.7	63.9	64.2	64.4	64.6	64.6	64.5	64.7	64.8	64.8	64.9
≥ 18000	58.5	59.5	61.6	62.7	63.2	63.9	64.1	64.4	64.6	64.8	64.8	64.8	64.9	65.0	65.0	65.1
≥ 16000	58.5	59.5	61.6	62.7	63.2	63.9	64.1	64.4	64.6	64.8	64.8	64.8	64.9	65.0	65.0	65.1
≥ 14000	58.3	59.3	61.8	63.0	63.5	64.2	64.4	64.7	64.9	65.1	65.1	65.1	65.2	65.3	65.3	65.4
≥ 12000	58.3	62.0	64.6	65.8	66.5	67.2	67.4	67.7	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.4
≥ 10000	59.4	68.8	71.4	72.6	73.7	74.4	74.6	75.1	75.3	75.5	75.5	75.5	75.6	75.7	75.7	75.8
≥ 9000	60.3	69.7	72.3	73.5	74.8	75.5	75.7	76.2	76.4	76.6	76.6	76.6	76.7	76.8	76.8	76.9
≥ 8000	64.3	73.8	76.4	77.6	79.2	79.9	80.1	80.6	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.3
≥ 7000	65.5	75.9	78.6	79.7	81.4	82.2	82.4	82.9	83.1	83.3	83.3	83.3	83.4	83.5	83.5	83.6
≥ 6000	67.3	77.8	80.4	81.6	83.3	84.1	84.3	84.6	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 5000	68.2	78.9	81.6	82.9	84.6	85.3	85.6	86.1	86.3	86.5	86.5	86.5	86.6	86.7	86.7	86.8
≥ 4500	68.2	79.0	81.7	83.0	84.7	85.4	85.7	86.2	86.4	86.6	86.6	86.6	86.7	86.8	86.8	86.9
≥ 4000	68.9	81.2	84.2	85.7	87.6	88.4	88.7	89.2	89.4	89.6	89.6	89.6	89.7	89.8	89.9	89.9
≥ 3500	70.3	81.5	84.5	86.0	87.9	88.7	89.0	89.7	89.9	90.1	90.1	90.1	90.2	90.3	90.3	90.4
≥ 3000	70.5	82.5	85.5	87.2	89.1	89.9	90.2	91.0	91.2	91.3	91.3	91.3	91.4	91.5	91.5	91.6
≥ 2500	70.7	82.9	86.1	87.7	89.6	90.4	90.7	91.4	91.6	91.6	91.8	91.8	91.9	92.0	92.0	92.1
≥ 2000	71.0	83.5	87.0	88.8	90.7	91.5	91.8	92.6	92.6	93.0	93.0	93.0	93.1	93.2	93.2	93.3
≥ 1800	71.1	83.6	87.1	88.9	90.8	91.6	91.9	92.7	92.9	93.1	93.1	93.1	93.2	93.3	93.3	93.4
≥ 1500	71.2	83.7	87.4	89.2	91.1	91.9	92.2	93.1	93.3	93.5	93.5	93.5	93.6	93.7	93.7	93.8
≥ 1200	71.2	83.8	87.7	89.5	91.5	92.5	92.8	93.7	93.9	94.1	94.1	94.1	94.2	94.3	94.3	94.4
≥ 1000	71.2	83.8	87.8	89.8	92.0	93.0	93.4	94.3	94.5	94.7	94.7	94.7	94.8	94.9	94.9	95.0
≥ 900	71.3	84.2	88.2	90.4	92.7	93.8	94.2	95.2	95.4	95.6	95.6	95.6	95.7	95.8	95.8	95.9
≥ 800	71.4	84.3	88.3	90.5	93.0	94.2	94.7	95.7	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.4
≥ 700	71.4	84.6	88.6	90.8	93.4	94.6	95.1	96.1	96.3	96.5	96.5	96.5	96.6	96.7	96.7	96.8
≥ 600	71.5	84.7	88.7	90.9	93.5	94.9	95.5	96.5	96.7	96.9	96.9	96.9	97.0	97.1	97.1	97.2
≥ 500	71.6	84.8	88.8	91.0	93.8	95.2	96.0	97.1	97.3	97.5	97.7	97.7	97.8	97.9	97.9	98.1
≥ 400	71.6	84.9	88.9	91.1	93.9	95.3	96.3	97.4	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.5
≥ 300	71.6	84.9	88.9	91.1	93.9	95.3	96.3	97.4	97.9	98.7	98.9	99.0	99.1	99.3	99.3	99.5
≥ 200	71.6	84.9	88.9	91.1	93.9	95.3	96.3	97.4	97.9	98.7	98.9	99.0	99.2	99.5	99.5	99.8
≥ 100	71.6	84.9	88.9	91.1	93.9	95.3	96.3	97.4	97.9	98.7	98.9	99.0	99.2	99.5	99.5	99.8
≥ 0	71.6	84.9	88.9	91.1	93.9	95.3	96.3	97.4	97.9	98.7	98.9	99.0	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1017

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

DATA PROCESSING BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17 47 — STATION — MARSHALL AAF KS — STATION NAME — 56-70,74-73 — YEARS — AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.2	63.2	63.5	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000	63.2	68.7	69.3	69.5	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	63.5	69.1	69.6	69.8	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	63.5	69.3	69.6	69.8	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	64.1	69.6	70.2	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	65.9	71.4	72.7	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	68.4	76.3	77.4	77.7	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	70.9	77.4	78.5	78.8	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000	74.3	81.1	82.2	82.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	76.4	83.5	84.6	85.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	77.3	84.5	85.7	86.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	78.1	85.4	86.5	87.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	78.1	85.6	86.8	87.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	79.1	87.5	88.6	89.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	79.2	87.7	88.9	89.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	79.5	88.4	89.7	90.1	91.3	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	79.7	88.7	90.0	90.4	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	80.4	89.6	91.0	91.4	92.7	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	80.4	89.7	91.2	91.6	93.0	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	80.4	90.2	92.0	92.7	94.2	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	80.6	91.7	92.9	93.4	94.9	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	81.3	91.7	94.2	95.0	96.6	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	81.1	91.8	94.4	95.2	96.8	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	81.1	92.1	94.7	95.5	97.1	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	81.1	92.2	94.9	95.7	97.4	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	81.2	92.3	95.0	95.8	97.7	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	81.2	92.3	95.1	95.8	97.8	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	81.2	92.3	95.1	95.8	97.8	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.2	92.3	95.2	95.8	97.8	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.2	92.3	95.2	95.8	97.8	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.2	92.3	95.2	95.8	97.8	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.2	92.3	95.2	95.8	97.8	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1012

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
USA WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-73,74-79 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING	62.9	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
≥ 20000	69.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	69.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	69.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	69.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	71.0	74.3	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	75.3	79.3	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	75.8	79.9	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	77.9	82.3	82.4	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	79.6	84.2	84.3	84.6	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	80.3	85.1	85.1	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	81.2	86.2	86.5	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	81.5	86.5	86.8	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	84.7	90.6	90.9	91.3	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	85.4	91.2	91.5	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	85.7	92.9	93.2	93.6	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	86.0	93.7	94.0	94.4	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	86.3	95.1	95.5	95.9	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	86.8	95.3	95.7	96.1	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	87.2	96.2	96.4	96.9	97.4	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	87.5	96.6	97.2	97.7	98.3	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	87.7	96.8	97.4	97.9	98.5	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	87.7	96.9	97.5	98.0	98.6	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	87.7	96.9	97.5	98.1	98.7	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	87.7	96.9	97.5	98.1	98.7	99.1	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	87.7	97.0	97.6	98.2	98.8	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.7	97.0	97.6	98.2	98.8	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.7	97.0	97.6	98.2	98.8	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.7	97.0	97.6	98.2	98.8	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.7	97.0	97.6	98.2	98.8	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.7	97.0	97.6	98.2	98.8	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.7	97.0	97.6	98.2	98.8	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1014

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 47 — STATION
MARSHALL AAF KS — STATION NAME
66-70,74-79 — YEARS
AUG — MONTH
1500-1700 — HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	69.7	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	71.8	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	71.9	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	71.9	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	73.3	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	73.3	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	79.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	79.8	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.8
≥ 8000	81.7	85.9	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	82.1	87.1	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	82.3	83.4	83.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	83.5	89.1	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	84.1	89.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	87.0	93.8	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	87.1	94.2	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	89.0	96.5	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	89.1	97.0	97.3	97.6	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	89.4	97.6	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	89.4	97.6	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	89.4	97.8	98.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	89.8	98.2	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	89.8	98.2	98.5	98.8	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	89.8	98.2	98.5	98.8	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	89.9	98.4	98.7	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	89.8	98.4	98.7	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	89.9	98.4	98.8	99.1	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	89.8	98.4	98.8	99.1	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	89.9	98.4	98.8	99.1	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	89.8	98.4	98.8	99.1	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	89.8	98.4	98.8	99.1	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	89.9	98.4	98.8	99.1	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	89.8	98.4	98.8	99.1	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 1013

DATA PROCESSING BRANCH
AF ETAC
ATMOSPHERIC SERVICES/MAC

CEILING VERSUS VISIBILITY

17747 | MARSHALL AAF KS | 56-70,74-79 | 6L2
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/8	≥½	≥0
NO CEILING	67.1	71.2	71.2	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	74.7	74.7	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	74.7	74.7	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	74.7	74.7	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	75.5	79.5	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	76.5	80.7	80.9	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	80.5	85.6	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	81.3	86.3	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	84.3	89.6	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	85.9	91.9	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	86.8	92.6	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	86.8	93.4	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	87.2	93.5	94.1	94.5	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	88.1	95.6	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	88.2	95.7	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	88.6	96.4	96.8	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	88.7	96.5	96.9	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	88.9	97.0	97.4	97.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	88.9	97.1	97.5	97.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	88.9	97.3	97.7	98.1	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	88.9	97.5	97.9	98.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	88.9	97.5	97.9	98.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	88.9	97.6	98.0	98.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	88.9	97.6	98.0	98.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	88.9	97.8	98.2	98.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	88.9	97.8	98.3	98.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.9	97.8	98.3	98.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.9	97.8	98.3	98.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.9	97.8	98.3	98.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.9	97.8	98.3	98.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.9	97.8	98.3	98.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.9	97.8	98.3	98.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1011

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 (STATION) MARSHALL AAF KS (STATION NAME) 66-70,74-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	67.4	73.2	74.1	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
≥ 20000	71.3	77.8	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	71.3	77.8	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	71.3	77.8	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	71.5	78.2	78.7	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	71.6	78.6	79.2	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	75.7	83.5	84.4	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	76.2	84.6	85.6	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	80.3	89.2	89.9	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
≥ 7000	82.3	91.9	91.9	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	92.1	91.1	92.1	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	93.3	92.4	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	93.1	92.5	93.5	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	94.2	94.3	95.3	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	94.5	95.3	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	94.3	95.6	96.5	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	94.8	95.6	96.5	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	95.0	96.0	96.9	97.3	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	95.0	96.3	97.2	97.6	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	95.1	96.5	97.5	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	95.1	96.7	97.8	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	95.3	96.8	97.9	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	95.0	96.8	97.9	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	95.0	97.1	98.3	99.0	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	95.0	97.1	98.3	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.0	97.1	98.3	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.0	97.1	98.3	99.2	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	95.0	97.1	98.3	99.2	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	95.0	97.1	98.3	99.2	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	95.0	97.1	98.3	99.2	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	95.0	97.1	98.3	99.2	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	95.0	97.1	98.3	99.2	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 1014

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

DATA PROCESSING BRANCH
USAF ETAC
AND WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 — STATION
MARSHALL AAF KS — STATION NAME
56-70,74-79 — YEARS
AUG — MONTH
ALL — HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	67.3	67.3	68.1	68.3	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	66.7	72.1	72.9	73.1	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 18000	66.7	72.1	72.9	73.2	73.5	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 16000	66.7	72.2	72.9	73.2	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	67.1	72.6	73.3	73.6	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 12000	68.3	74.1	75.0	75.3	75.6	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	72.8	79.3	80.2	80.5	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 9000	73.5	80.2	81.2	81.5	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.5	82.4	82.4	82.4
≥ 8000	76.5	83.7	84.7	85.1	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 7000	78.2	85.6	86.6	87.0	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 6000	79.1	86.7	87.7	88.1	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
≥ 5000	79.8	87.7	88.8	89.3	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 4500	80.0	87.9	89.0	89.5	90.2	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	81.8	90.6	91.8	92.4	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	81.9	91.1	92.2	92.8	93.6	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	82.6	92.1	93.3	93.9	94.8	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 2500	82.6	92.4	93.7	94.3	95.2	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 2000	83.3	93.1	94.4	95.1	96.0	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 1800	83.3	93.2	94.5	95.2	96.1	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1500	83.3	93.5	95.0	95.6	96.6	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 1200	83.3	93.8	95.4	96.1	97.1	97.3	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	83.3	94.0	95.6	96.4	97.5	97.7	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	83.3	94.1	95.8	96.6	97.7	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 800	83.3	94.3	96.0	96.8	98.0	98.3	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 700	83.3	94.4	96.1	96.9	98.1	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	83.3	94.4	96.2	97.0	98.3	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500	83.3	94.4	96.2	97.0	98.3	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 400	83.3	94.4	96.2	97.1	98.4	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	83.3	94.4	96.2	97.1	98.4	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	83.3	94.4	96.2	97.1	98.4	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	83.3	94.4	96.2	97.1	98.4	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	83.3	94.4	96.2	97.1	98.4	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2106

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.2	67.9	68.7	68.9	69.3	69.5	69.7	70.1	70.1	70.4	70.5	70.5	70.6	70.6	71.0	71.4
≥ 20000	65.3	70.1	71.0	71.2	71.7	71.9	72.1	72.5	72.5	72.8	72.9	72.9	73.0	73.0	73.3	73.7
≥ 18000	65.3	70.1	71.0	71.2	71.7	71.9	72.1	72.5	72.5	72.8	72.9	72.9	73.0	73.0	73.3	73.7
≥ 16000	65.3	70.1	71.0	71.2	71.7	71.9	72.1	72.5	72.5	72.8	72.9	72.9	73.0	73.0	73.3	73.7
≥ 14000	65.5	70.5	71.4	71.6	72.1	72.3	72.5	72.9	72.9	73.2	73.3	73.3	73.4	73.4	73.7	74.1
≥ 12000	66.2	71.3	72.1	72.3	72.8	73.0	73.2	73.6	73.6	73.9	74.0	74.0	74.1	74.1	74.4	74.8
≥ 10000	68.1	73.8	74.6	74.8	75.3	75.5	75.7	76.1	76.1	76.4	76.5	76.5	76.6	76.6	76.9	77.3
≥ 9000	68.3	74.1	74.9	75.1	75.6	75.8	76.0	76.4	76.4	76.7	76.8	76.8	76.9	76.9	77.2	77.6
≥ 8000	69.9	76.7	77.6	77.8	78.3	78.5	78.7	79.1	79.1	79.5	79.6	79.6	79.7	79.7	80.0	80.4
≥ 7000	70.1	77.2	78.2	78.4	78.9	79.1	79.4	79.8	79.8	80.1	80.2	80.2	80.3	80.3	80.6	81.0
≥ 6000	71.3	78.9	80.0	80.2	80.7	80.9	81.1	81.5	81.5	81.8	81.9	81.9	82.0	82.0	82.3	82.7
≥ 5000	72.6	80.6	81.9	82.2	82.7	82.9	83.1	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.3	84.7
≥ 4500	72.7	81.1	82.2	82.5	83.0	83.2	83.4	83.8	83.8	84.1	84.2	84.2	84.3	84.3	84.6	85.0
≥ 4000	74.7	85.2	86.4	86.7	87.3	87.7	87.9	88.3	88.3	88.6	88.7	88.7	88.8	88.8	89.1	89.5
≥ 3500	75.2	86.0	87.2	87.6	88.3	88.6	88.8	89.2	89.2	89.5	89.6	89.6	89.7	89.7	90.0	90.4
≥ 3000	75.5	87.0	88.8	89.1	89.8	90.1	90.3	90.7	90.7	91.0	91.1	91.1	91.2	91.2	91.5	91.9
≥ 2500	75.8	87.6	89.2	89.6	90.4	90.7	90.9	91.3	91.3	91.6	91.7	91.7	91.8	91.8	92.1	92.5
≥ 2000	76.5	89.2	90.9	91.3	92.1	92.4	92.6	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.8	94.2
≥ 1800	76.9	89.8	91.5	91.9	92.7	93.0	93.2	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.4	94.8
≥ 1500	77.3	90.4	92.1	92.5	93.3	93.6	93.8	94.3	94.3	94.6	94.7	94.7	94.8	94.8	95.1	95.5
≥ 1200	77.3	91.0	92.7	93.1	94.0	94.3	94.5	95.0	95.0	95.3	95.4	95.4	95.5	95.5	95.9	96.3
≥ 1000	77.3	91.0	92.7	93.2	94.1	94.4	94.6	95.1	95.1	95.4	95.5	95.5	95.6	95.6	96.0	96.4
≥ 900	77.3	91.1	92.9	93.5	94.4	94.7	94.9	95.4	95.4	95.7	95.9	95.9	96.0	96.0	96.3	96.7
≥ 800	77.6	91.5	93.3	93.9	94.8	95.1	95.3	95.8	95.9	96.2	96.3	96.3	96.4	96.4	96.7	97.1
≥ 700	77.7	92.0	93.8	94.4	95.6	96.2	96.8	97.3	97.3	97.6	97.7	97.7	97.8	97.8	98.1	98.5
≥ 600	77.7	92.0	93.9	94.6	95.9	96.4	97.0	97.5	97.5	97.8	97.9	97.9	98.0	98.0	98.3	98.7
≥ 500	77.7	92.2	94.3	95.0	96.4	96.9	97.5	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.8	99.2
≥ 400	77.7	92.3	94.4	95.2	96.6	97.1	97.7	98.2	98.2	98.5	98.6	98.6	98.7	98.7	99.0	99.4
≥ 300	77.7	92.3	94.4	95.2	96.8	97.3	98.1	98.6	98.6	98.9	99.0	99.0	99.1	99.1	99.4	99.8
≥ 200	77.7	92.3	94.4	95.2	96.8	97.3	98.1	98.7	98.7	99.1	99.2	99.2	99.3	99.3	99.6	100.0
≥ 100	77.7	92.3	94.4	95.2	96.8	97.3	98.1	98.7	98.7	99.1	99.2	99.2	99.3	99.3	99.6	100.0
≥ 0	77.7	92.3	94.4	95.2	96.8	97.3	98.1	98.7	98.7	99.1	99.2	99.2	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 488

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 STATION | MARSHALL AAF KS STATION NAME | 65-70, 74-78 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.2	63.1	64.5	64.9	65.9	66.0	66.6	66.9	66.9	67.5	67.6	67.6	67.8	67.8	68.4	68.8
≥ 20000	59.5	65.6	67.1	67.4	68.3	68.4	69.0	69.3	69.3	69.9	70.0	70.0	70.2	70.2	70.8	71.2
≥ 18000	59.5	65.6	67.1	67.4	68.3	68.4	69.0	69.3	69.3	69.9	70.0	70.0	70.2	70.2	70.8	71.2
≥ 16000	59.5	65.6	67.1	67.4	68.3	68.4	69.0	69.3	69.3	69.9	70.0	70.0	70.2	70.2	70.8	71.2
≥ 14000	59.5	65.6	67.1	67.4	68.3	68.4	69.0	69.3	69.3	69.9	70.0	70.0	70.2	70.2	70.8	71.2
≥ 12000	59.7	65.9	67.3	67.7	68.6	68.7	69.3	69.6	69.6	70.2	70.3	70.3	70.5	70.5	71.1	71.5
≥ 10000	62.2	68.9	70.3	70.7	71.6	71.7	72.3	72.6	72.6	73.2	73.3	73.3	73.5	73.5	74.1	74.5
≥ 9000	62.2	68.9	70.3	70.7	71.6	71.7	72.3	72.6	72.6	73.2	73.3	73.3	73.5	73.5	74.1	74.5
≥ 8000	64.7	71.9	73.3	73.7	74.6	74.7	75.4	75.7	75.7	76.3	76.4	76.4	76.6	76.6	77.2	77.6
≥ 7000	64.8	72.3	73.7	74.3	75.4	75.5	76.3	76.6	76.6	77.2	77.3	77.3	77.5	77.5	78.1	78.5
≥ 6000	66.0	73.6	75.1	75.7	76.7	76.8	77.6	77.9	77.9	78.5	78.6	78.6	78.8	78.8	79.4	79.8
≥ 5000	66.3	75.1	76.6	77.3	78.3	78.4	79.3	79.6	79.6	80.2	80.3	80.3	80.5	80.5	81.1	81.5
≥ 4500	66.7	75.5	77.0	77.7	78.7	78.8	79.7	80.0	80.0	80.6	80.7	80.7	80.9	80.9	81.5	81.9
≥ 4000	68.3	78.5	80.3	81.2	82.2	82.3	83.2	83.5	83.5	84.1	84.2	84.2	84.4	84.4	85.1	85.5
≥ 3500	68.1	78.7	80.5	81.4	82.5	82.6	83.5	83.8	83.9	84.4	84.5	84.5	84.7	84.7	85.4	85.8
≥ 3000	69.2	80.4	82.7	83.7	84.9	85.1	86.0	86.3	86.3	86.9	87.0	87.0	87.2	87.2	87.8	88.2
≥ 2500	69.3	91.2	83.5	84.5	85.8	85.9	86.8	87.1	87.1	87.7	87.8	87.8	88.0	88.0	88.6	89.0
≥ 2000	70.5	92.6	95.1	86.1	87.5	87.6	88.5	88.8	88.8	89.4	89.5	89.5	89.7	89.7	90.3	90.7
≥ 1800	70.8	92.9	85.4	86.4	87.8	87.9	88.8	89.1	89.1	89.7	89.8	89.8	90.0	90.0	90.6	91.0
≥ 1500	70.8	93.0	95.9	86.9	88.3	88.4	89.3	89.6	89.6	90.2	90.3	90.3	90.5	90.5	91.1	91.5
≥ 1200	71.3	94.4	87.1	88.2	89.8	89.9	90.8	91.1	91.1	91.8	91.9	91.9	92.1	92.1	92.7	93.1
≥ 1000	71.5	85.1	87.8	88.9	90.7	90.8	91.7	92.0	92.0	92.7	92.8	92.8	93.1	93.1	93.7	94.1
≥ 900	71.6	85.5	88.4	89.5	91.4	91.5	92.4	92.7	92.7	93.4	93.5	93.5	93.8	93.8	94.4	94.8
≥ 800	71.6	85.7	88.7	89.9	91.9	92.0	92.9	93.2	93.3	94.0	94.1	94.1	94.4	94.4	95.1	95.5
≥ 700	71.9	86.1	89.2	90.5	92.5	92.6	93.6	93.9	94.1	94.8	94.9	94.9	95.3	95.3	95.9	96.3
≥ 600	71.9	86.3	89.6	91.1	93.2	93.3	94.3	94.6	94.8	95.6	95.7	95.7	96.0	96.0	96.6	97.0
≥ 500	71.9	86.4	90.0	91.6	93.8	94.0	95.1	95.4	95.6	96.5	96.6	96.6	96.9	96.9	97.5	97.9
≥ 400	71.9	86.7	90.3	92.0	94.3	94.5	95.6	95.9	96.1	97.0	97.3	97.3	97.6	97.6	98.2	98.6
≥ 300	71.9	86.7	90.4	92.1	94.4	94.7	95.9	96.5	96.7	97.7	98.0	98.0	98.3	98.3	98.9	99.3
≥ 200	71.9	86.7	90.4	92.1	94.4	94.7	95.9	96.6	96.8	97.8	98.1	98.1	98.4	98.4	99.0	99.4
≥ 100	71.9	86.7	90.4	92.1	94.4	94.7	95.9	96.6	96.8	97.8	98.1	98.1	98.4	98.4	99.0	99.4
≥ 0	71.9	86.7	90.4	92.1	94.4	94.7	95.9	96.6	96.8	97.8	98.3	98.3	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.9	53.6	56.2	57.6	58.5	58.8	59.6	59.7	59.7	60.3	60.5	60.8	61.1	61.1	61.4	61.9
≥ 20000	47.1	56.2	58.9	60.6	61.7	61.9	62.6	62.7	62.8	63.8	64.0	64.0	64.3	64.3	64.6	65.3
≥ 18000	47.1	56.2	58.9	60.6	61.7	61.9	62.6	62.7	62.8	63.8	64.0	64.0	64.3	64.3	64.6	65.3
≥ 16000	47.1	56.2	58.9	60.6	61.7	61.9	62.6	62.7	62.8	63.8	64.0	64.0	64.3	64.3	64.6	65.3
≥ 14000	47.2	56.3	59.0	60.7	61.9	62.1	62.8	62.9	63.0	64.0	64.2	64.2	64.5	64.5	64.8	65.5
≥ 12000	47.6	56.8	59.6	61.2	62.5	62.7	63.4	63.5	63.6	64.6	64.9	64.9	65.2	65.2	65.5	66.2
≥ 10000	50.4	59.7	62.5	64.2	65.6	65.8	66.5	66.6	66.8	67.9	68.1	68.3	68.6	68.6	69.0	69.7
≥ 9000	50.6	60.0	62.8	64.5	65.9	66.1	66.8	66.9	67.1	68.3	68.5	68.6	68.9	68.9	69.3	70.0
≥ 8000	52.9	62.9	66.1	67.9	69.4	69.6	70.3	70.4	70.6	71.7	71.9	72.0	72.3	72.3	72.7	73.4
≥ 7000	53.3	63.7	67.0	68.9	70.3	70.5	71.4	71.5	71.7	72.9	73.2	73.3	73.6	73.6	74.0	74.7
≥ 6000	55.1	65.5	69.3	71.1	72.5	72.7	73.6	73.7	73.9	75.1	75.4	75.5	75.8	75.8	76.2	76.9
≥ 5000	55.4	66.7	70.4	72.2	73.7	73.9	74.8	74.9	75.1	76.3	76.6	76.7	77.0	77.0	77.5	78.2
≥ 4500	55.6	67.0	70.7	72.5	74.0	74.2	75.1	75.2	75.4	76.6	76.9	77.0	77.4	77.4	77.9	78.6
≥ 4000	57.4	70.0	73.8	75.5	77.1	77.4	78.4	78.5	78.7	79.9	80.2	80.3	80.6	80.6	81.0	81.7
≥ 3500	57.8	70.4	74.2	75.9	77.6	77.8	78.8	78.9	79.1	80.3	80.6	80.7	81.0	81.0	81.4	82.1
≥ 3000	59.2	72.0	75.8	77.6	79.5	79.8	80.8	80.9	81.1	82.3	82.6	82.7	83.0	83.0	83.4	84.1
≥ 2500	59.6	72.6	76.7	78.4	80.3	80.6	81.6	81.7	81.9	83.1	83.4	83.5	83.8	83.8	84.2	84.9
≥ 2000	60.6	73.9	77.8	80.0	81.9	82.2	83.2	83.3	83.5	84.7	85.0	85.1	85.4	85.4	85.8	86.6
≥ 1800	60.8	74.1	77.9	80.3	82.2	82.5	83.5	83.6	83.8	85.0	85.3	85.4	85.7	85.7	86.1	86.9
≥ 1500	60.9	74.6	78.4	80.8	82.7	83.0	84.0	84.1	84.3	85.5	85.8	85.9	86.2	86.2	86.7	87.4
≥ 1200	61.7	76.3	80.4	83.0	85.1	85.4	86.6	86.7	86.9	88.1	88.4	88.5	88.8	88.8	89.2	89.9
≥ 1000	62.1	77.5	81.7	84.5	86.8	87.1	88.3	88.4	88.6	89.8	90.2	90.3	90.6	90.6	91.0	91.7
≥ 900	62.2	78.3	82.7	85.6	87.9	88.2	89.4	89.5	89.7	91.0	91.4	91.5	91.8	91.8	92.2	92.9
≥ 800	62.3	78.5	83.2	86.2	88.5	88.8	90.0	90.3	90.5	91.7	92.1	92.2	92.5	92.5	92.9	93.6
≥ 700	62.5	78.7	83.4	86.5	88.8	89.2	90.6	90.9	91.1	92.4	92.8	92.9	93.2	93.2	93.6	94.3
≥ 600	62.9	79.2	84.2	87.3	89.7	90.2	91.6	92.0	92.3	93.6	94.0	94.1	94.4	94.4	94.8	95.6
≥ 500	62.9	79.4	84.7	87.8	90.2	90.7	92.2	92.7	93.1	94.5	94.9	95.0	95.3	95.3	96.0	96.7
≥ 400	62.9	79.7	85.1	88.4	91.0	91.5	93.4	94.0	94.4	96.0	96.4	96.5	96.8	96.8	97.4	98.1
≥ 300	62.9	79.7	85.1	88.4	91.1	91.8	93.6	94.2	94.7	96.3	96.7	96.8	97.4	97.4	98.1	98.8
≥ 200	62.9	79.7	85.1	88.4	91.1	91.8	93.6	94.2	94.7	96.3	96.7	96.9	97.6	97.7	98.4	99.4
≥ 100	62.9	79.7	85.1	88.4	91.1	91.8	93.6	94.2	94.7	96.3	96.7	96.9	97.6	97.7	98.5	99.6
≥ 0	62.9	79.7	85.1	88.4	91.1	91.8	93.6	94.2	94.7	96.3	96.7	96.9	97.6	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 989

DATA PROCESSING BRANCH
USAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12547 STATION | MARSHALL AAF KS STATION NAME | 55-70,74-78 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.3	59.8	60.6	60.7	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	55.7	62.0	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
≥ 18000	55.7	62.0	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
≥ 16000	55.8	62.1	63.0	63.3	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	55.9	62.2	63.1	63.4	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	56.4	63.0	63.9	64.3	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	60.0	67.3	68.3	68.7	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	60.1	67.6	68.6	69.0	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	62.8	71.8	73.0	73.5	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	63.5	73.3	74.6	75.0	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	63.9	74.0	75.3	75.9	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	64.5	75.2	76.6	77.3	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	64.6	75.3	76.7	77.4	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	66.3	77.6	79.1	79.8	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	67.0	78.5	80.1	80.9	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	67.4	79.9	81.7	82.5	83.0	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	68.2	80.5	82.6	83.4	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	69.1	82.5	84.6	85.4	86.2	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	69.5	83.7	85.8	86.6	87.4	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	70.2	84.6	86.8	87.6	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	71.2	86.5	89.2	90.2	91.0	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	72.0	87.8	90.7	92.0	93.1	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	72.3	88.4	91.6	93.0	94.1	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	72.3	88.8	92.1	93.6	94.9	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	72.5	89.2	92.6	94.2	95.5	96.4	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	72.8	90.0	93.5	95.2	96.7	97.5	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	72.8	90.3	94.1	95.8	97.3	98.4	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	72.9	90.3	94.1	95.8	97.4	98.6	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	72.8	90.3	94.1	95.8	97.4	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	72.9	90.4	94.2	95.9	97.5	98.7	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.9	90.4	94.2	95.9	97.5	98.7	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.9	90.4	94.2	95.9	97.5	98.7	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 987

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	59.3	61.3	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	62.7	65.6	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	62.7	65.6	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	62.9	65.8	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	63.3	66.3	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	64.1	67.4	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	67.2	71.4	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	67.4	71.6	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	69.1	73.7	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	69.4	74.3	74.5	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	70.1	75.1	75.3	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	71.4	76.5	76.7	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	71.7	76.8	77.0	77.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	74.1	80.3	80.9	80.9	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	75.9	82.2	83.1	83.1	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	77.0	84.0	84.8	84.8	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	78.3	85.8	86.7	86.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	80.6	89.4	90.5	90.5	91.6	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	80.9	89.9	91.0	91.0	92.1	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	81.4	91.0	92.4	92.4	93.5	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	81.9	92.7	94.4	94.4	95.7	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	82.6	94.0	95.8	95.8	97.0	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	82.7	94.4	96.2	96.2	97.5	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	82.7	94.5	96.4	96.4	97.9	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	82.7	94.5	96.5	96.5	98.0	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	82.8	94.8	96.6	96.9	98.5	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	82.8	94.8	96.9	97.0	98.8	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	82.8	94.8	96.9	97.0	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.8	94.8	96.9	97.0	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.8	94.8	96.9	97.0	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.8	94.8	96.9	97.0	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.8	94.8	96.9	97.0	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 489

...ATA PROCESSING BRANCH
...OF ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.9	62.5	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	64.5	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	64.4	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	64.4	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	65.0	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	66.8	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	69.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	69.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	72.3	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	73.2	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	74.3	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	80.3	80.3
≥ 5000	75.7	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	75.7	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	79.7	87.1	87.4	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
≥ 3500	81.2	89.5	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	81.9	90.4	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 2500	82.7	92.1	92.5	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 2000	83.8	93.6	94.1	94.1	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1800	84.2	94.2	94.7	94.7	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1500	84.4	94.9	95.7	95.9	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1200	85.0	96.2	97.0	97.3	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1000	85.1	96.4	97.4	97.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 900	85.1	96.5	97.5	97.9	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 800	85.1	96.5	97.5	97.9	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 700	85.1	96.5	97.7	98.1	98.4	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.3	99.3
≥ 600	85.1	96.6	97.9	98.4	98.8	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8
≥ 500	85.1	96.6	97.9	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 400	85.1	96.6	97.9	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	85.1	96.6	97.9	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	85.1	96.6	97.9	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	85.1	96.6	97.9	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	85.1	96.6	97.9	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 988

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.3	72.6	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	67.3	72.6	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	67.3	72.6	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	67.3	72.6	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	67.4	73.1	73.3	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	68.0	73.7	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 10000	71.4	77.9	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	71.6	78.3	78.6	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	74.5	81.1	81.4	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	75.6	82.4	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	77.1	83.6	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	77.6	84.6	85.2	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	78.2	85.3	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	80.5	88.7	89.2	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	81.2	89.8	90.5	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	81.7	91.3	92.2	92.9	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 2500	82.1	91.8	92.5	93.5	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9
≥ 2000	82.6	92.6	93.9	94.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1800	82.9	93.1	94.2	95.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1500	83.2	93.7	94.8	95.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1200	83.2	94.2	95.4	96.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1000	83.3	94.5	95.7	96.8	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 900	83.5	94.7	95.9	97.0	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 800	83.5	94.7	95.9	97.0	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 700	83.5	94.7	95.9	97.0	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 600	83.6	94.8	96.0	97.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2
≥ 500	83.5	94.8	96.0	97.1	98.9	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 400	83.5	94.8	96.0	97.1	98.9	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 300	83.5	94.8	96.0	97.1	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	83.5	94.8	96.0	97.1	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	83.5	94.8	96.0	97.1	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	83.5	94.8	96.0	97.1	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 55-70,74-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.2	69.2	70.4	71.1	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 20000	66.1	71.4	72.6	73.3	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 18000	66.1	71.4	72.6	73.3	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 16000	66.1	71.4	72.6	73.3	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 14000	66.1	71.5	72.7	73.4	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 12000	66.3	71.7	72.9	73.6	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 10000	70.0	75.9	77.2	78.0	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 9000	70.1	76.1	77.5	78.2	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 8000	71.9	78.3	79.7	80.4	80.8	80.8	80.9	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 7000	72.4	79.5	80.9	81.6	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 6000	73.9	80.3	82.2	82.9	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6
≥ 5000	76.1	83.3	84.9	85.6	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 4500	76.3	83.5	85.1	85.8	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 4000	78.5	87.2	89.7	89.7	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 3500	79.2	88.1	90.8	90.7	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 3000	79.9	89.7	91.7	92.4	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 2500	80.3	90.4	92.4	93.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 2000	80.4	91.1	93.1	93.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1800	80.6	91.4	93.4	94.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1500	81.0	92.0	94.0	94.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200	81.1	92.6	94.7	95.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1000	81.4	93.3	95.6	96.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 900	81.4	93.4	95.8	96.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 800	81.5	93.8	96.2	97.1	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	81.6	94.0	96.5	97.4	98.6	98.7	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	81.6	94.1	96.7	97.6	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	81.6	94.3	97.0	97.9	99.4	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	81.6	94.3	97.0	98.0	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	81.6	94.3	97.0	98.0	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	81.6	94.3	97.0	98.0	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	81.6	94.3	97.0	98.0	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	81.6	94.3	97.0	98.0	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 989

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1947 STATION | MARSHALL AAF KS STATION NAME | 46-70,74-78 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	58.1	61.2	64.2	64.6	65.7	65.1	65.3	65.4	65.4	65.6	65.7	65.7	65.8	65.8	66.1
≥ 20000	61.6	64.4	67.4	67.9	68.3	68.4	68.6	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.5
≥ 18000	61.7	64.5	67.4	67.9	68.3	68.4	68.6	68.7	68.7	69.2	69.1	69.1	69.1	69.1	69.5
≥ 16000	61.7	64.5	67.5	67.9	68.4	68.5	68.7	68.8	68.8	69.2	69.1	69.1	69.2	69.2	69.7
≥ 14000	61.2	64.8	67.8	68.2	68.7	68.8	69.0	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.8
≥ 12000	61.9	67.5	68.5	69.0	69.5	69.6	69.8	69.9	69.9	70.1	70.2	70.2	70.3	70.3	70.6
≥ 10000	64.4	71.2	72.3	72.7	73.2	73.3	73.5	73.6	73.7	73.9	74.1	74.0	74.1	74.1	74.4
≥ 9000	65.1	71.5	72.6	73.0	73.5	73.6	73.8	73.9	73.9	74.2	74.2	74.2	74.3	74.3	74.7
≥ 8000	67.3	74.3	75.4	75.9	76.5	76.5	76.7	76.8	76.9	77.1	77.2	77.2	77.3	77.3	77.6
≥ 7000	67.4	75.2	76.4	76.9	77.5	77.5	77.6	77.9	77.9	78.2	78.3	78.3	78.4	78.4	78.7
≥ 6000	68.9	76.5	77.7	78.2	78.8	78.9	79.1	79.2	79.2	79.5	79.6	79.6	79.7	79.7	79.9
≥ 5000	69.3	76.9	78.2	78.9	79.5	79.6	79.9	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.6
≥ 4500	73.2	78.3	79.6	80.2	80.8	80.9	81.2	81.3	81.3	81.6	81.6	81.6	81.7	81.7	81.9
≥ 4000	73.4	81.8	83.2	83.9	84.6	84.7	85.0	85.1	85.2	85.4	85.5	85.5	85.6	85.6	85.8
≥ 3500	75.2	82.9	84.4	85.1	85.8	85.9	86.2	86.3	86.4	86.6	86.7	86.7	86.8	86.8	87.0
≥ 3000	76.1	84.4	86.1	86.8	87.7	87.8	88.2	88.3	88.3	88.6	88.6	88.6	88.8	88.8	89.1
≥ 2500	76.5	85.2	87.1	87.7	88.7	88.8	89.2	89.3	89.3	89.6	89.7	89.7	89.9	89.9	90.2
≥ 2000	76.5	86.4	88.7	89.5	90.6	90.7	91.1	91.2	91.3	91.6	91.6	91.6	91.7	91.7	91.9
≥ 1800	76.9	87.4	89.2	90.1	91.1	91.3	91.7	91.8	91.8	92.1	92.2	92.2	92.3	92.3	92.5
≥ 1500	78.2	88.1	90.0	90.9	91.9	92.1	92.5	92.6	92.7	93.0	93.1	93.1	93.2	93.2	93.5
≥ 1200	78.6	89.3	91.4	92.3	93.5	93.6	94.0	94.2	94.2	94.5	94.6	94.6	94.7	94.7	94.9
≥ 1000	77.8	89.9	92.1	93.2	94.4	94.6	95.1	95.2	95.2	95.5	95.6	95.6	95.8	95.8	96.1
≥ 900	77.8	90.3	92.6	93.7	94.9	95.2	95.6	95.7	95.8	96.1	96.2	96.2	96.3	96.3	96.7
≥ 800	77.1	91.5	93.9	94.0	95.3	95.5	96.0	96.1	96.2	96.5	96.6	96.6	96.8	96.8	96.9
≥ 700	77.2	91.7	93.2	94.3	95.7	96.1	96.6	96.7	96.8	97.2	97.2	97.2	97.4	97.4	97.6
≥ 600	77.3	91.8	93.6	94.8	96.2	96.6	97.2	97.3	97.4	97.8	97.9	97.9	98.0	98.0	98.2
≥ 500	77.3	91.1	93.9	95.1	96.7	97.1	97.7	97.9	98.0	98.4	98.5	98.5	98.7	98.7	98.9
≥ 400	77.3	91.2	94.1	95.2	96.9	97.3	98.0	98.2	98.3	98.8	98.9	98.9	99.1	99.1	99.3
≥ 300	77.3	91.2	94.0	95.2	97.0	97.4	98.1	98.4	98.5	99.0	99.1	99.1	99.3	99.3	99.5
≥ 200	77.3	91.2	94.2	95.3	97.0	97.4	98.2	98.5	98.6	99.1	99.2	99.2	99.4	99.4	99.6
≥ 100	77.3	91.2	94.3	95.3	97.1	97.4	98.2	98.5	98.6	99.1	99.2	99.2	99.4	99.4	99.6
≥ 0	77.3	91.2	94.3	95.3	97.0	97.4	98.2	98.5	98.6	99.1	99.2	99.2	99.4	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 7410

[illegible] PROCESSING BRANCH
[illegible] ETAC
AT[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 47 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	69.9	72.7	73.[illegible]	73.3	73.4	73.5	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	71.4	74.3	74.7	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	71.4	74.3	74.7	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	71.4	74.3	74.7	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	71.4	74.3	74.7	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	71.6	74.5	74.9	75.2	75.3	75.4	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 10000	73.9	77.0	77.4	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	74.0	77.1	77.5	77.8	77.9	78.0	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000	75.5	79.4	79.[illegible]	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	77.1	80.7	81.1	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	78.6	82.6	83.[illegible]	83.2	83.3	83.4	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	79.3	84.5	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	79.9	84.7	85.[illegible]	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	80.6	85.9	86.[illegible]	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	81.7	87.0	87.[illegible]	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	83.3	88.4	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	83.5	89.0	90.3	90.6	90.8	90.9	90.9	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	84.3	89.9	91.1	91.4	91.6	91.7	91.7	91.7	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	84.3	90.5	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	85.4	91.8	92.9	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	85.5	92.7	94.1	94.4	94.6	94.7	94.7	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	85.9	93.5	95.5	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	86.1	94.4	96.2	97.1	97.3	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	86.1	94.6	96.4	97.4	97.6	97.9	97.9	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	86.1	94.8	96.7	97.7	98.0	98.3	98.5	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	86.2	95.0	96.9	97.9	98.2	98.5	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	86.2	95.0	96.9	97.9	98.2	98.5	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	86.2	95.2	97.2	98.2	98.8	99.1	99.3	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.2	95.2	97.2	98.2	98.9	99.2	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.2	95.2	97.2	98.2	98.9	99.2	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.2	95.2	97.2	98.2	98.9	99.2	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.2	95.2	97.2	98.2	98.9	99.2	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

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

1

[illegible] PROCESSING BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]47 — STATION
[illegible]ARSHALL [illegible] AFB KS — STATION NAME
65-70, 74-77 — YEARS
[illegible]1 — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] — HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	66.1	69.2	70.5	70.8	71.0	71.0	71.2	71.2	71.3	71.6	71.7	71.7	71.8	71.9	72.3	72.3
≥ 20000	66.7	69.8	71.1	71.4	71.6	71.6	71.7	71.7	71.8	72.1	72.2	72.2	72.5	72.5	72.9	72.9
≥ 18000	66.7	69.8	71.1	71.4	71.6	71.6	71.7	71.7	71.8	72.1	72.2	72.2	72.5	72.5	72.9	72.9
≥ 16000	66.7	69.8	71.1	71.4	71.6	71.6	71.7	71.7	71.8	72.1	72.2	72.2	72.5	72.5	72.9	72.9
≥ 14000	66.8	70.0	71.3	71.6	71.7	71.7	71.9	71.9	72.0	72.3	72.4	72.4	72.7	72.7	73.1	73.1
≥ 12000	67.5	70.7	72.0	72.3	72.5	72.5	72.7	72.7	72.8	73.1	73.2	73.2	73.5	73.5	73.9	73.9
≥ 10000	69.7	72.8	74.2	74.5	74.7	74.7	74.9	74.9	75.0	75.3	75.4	75.4	75.7	75.7	76.1	76.1
≥ 9000	69.7	72.8	74.2	74.5	74.7	74.7	74.9	74.9	75.0	75.3	75.4	75.4	75.7	75.7	76.1	76.1
≥ 8000	73.4	74.1	75.5	75.8	76.0	76.0	76.1	76.1	76.2	76.5	76.6	76.6	76.9	76.9	77.3	77.3
≥ 7000	73.9	75.8	77.1	77.4	77.6	77.6	77.8	77.8	77.9	78.2	78.3	78.3	78.6	78.6	79.0	79.0
≥ 6000	78.3	77.5	78.9	79.2	79.4	79.4	79.6	79.6	79.7	80.0	80.1	80.1	80.4	80.4	80.7	80.7
≥ 5000	74.1	78.9	80.4	80.6	80.9	80.9	81.1	81.1	81.2	81.5	81.6	81.6	81.9	81.9	82.3	82.3
≥ 4500	74.3	77.9	81.3	81.6	81.9	81.9	82.1	82.1	82.2	82.5	82.6	82.6	82.9	82.9	83.2	83.2
≥ 4000	75.5	82.0	83.5	83.8	84.1	84.1	84.3	84.3	84.4	84.7	84.8	84.8	85.0	85.0	85.4	85.4
≥ 3500	76.9	83.3	84.9	85.1	85.4	85.4	85.6	85.6	85.7	86.0	86.1	86.1	86.4	86.4	86.8	86.8
≥ 3000	77.6	84.1	85.6	85.9	86.2	86.2	86.4	86.4	86.5	86.8	86.9	86.9	87.2	87.2	87.6	87.6
≥ 2500	78.6	85.5	87.1	87.4	87.7	87.7	87.9	87.9	88.0	88.3	88.4	88.4	88.7	88.7	89.1	89.1
≥ 2000	79.3	86.3	87.9	88.3	88.6	88.6	88.8	88.8	88.9	89.1	89.2	89.2	89.5	89.5	89.9	89.9
≥ 1800	79.9	87.2	88.9	89.2	89.5	89.5	89.7	89.7	89.8	90.1	90.2	90.2	90.5	90.5	90.9	90.9
≥ 1500	80.8	88.6	90.3	90.7	91.0	91.0	91.2	91.2	91.3	91.6	91.7	91.7	92.0	92.0	92.4	92.4
≥ 1200	81.2	90.2	91.9	92.3	92.7	92.7	92.9	92.9	93.0	93.3	93.4	93.4	93.6	93.6	94.0	94.0
≥ 1000	81.3	90.5	92.3	93.2	93.7	93.7	93.9	93.9	94.0	94.3	94.4	94.4	94.7	94.7	95.1	95.1
≥ 900	91.4	93.9	93.5	93.8	94.5	94.6	94.9	94.9	95.0	95.3	95.4	95.4	95.7	95.7	96.1	96.1
≥ 800	91.4	91.3	94.1	94.5	95.5	95.6	96.0	96.0	96.1	96.4	96.5	96.5	96.8	96.8	97.2	97.2
≥ 700	91.8	91.6	94.6	95.1	96.1	96.2	95.6	96.7	96.8	97.1	97.2	97.2	97.5	97.5	97.8	97.8
≥ 600	91.9	92.3	95.2	95.9	96.9	97.0	97.4	97.5	97.6	97.8	97.9	97.9	98.2	98.2	98.6	98.6
≥ 500	91.9	92.5	95.6	96.2	97.3	97.4	97.8	97.8	97.9	98.2	98.3	98.3	98.6	98.6	99.0	99.0
≥ 400	91.9	92.5	95.7	96.3	97.4	97.5	97.9	98.0	98.1	98.4	98.5	98.5	98.8	98.8	99.2	99.2
≥ 300	91.9	92.5	95.7	96.3	97.5	97.6	97.9	98.1	98.4	98.7	98.8	98.8	99.1	99.1	99.5	99.5
≥ 200	91.9	92.5	95.7	96.3	97.6	97.7	98.0	98.2	98.5	98.9	99.0	99.0	99.3	99.3	99.7	99.7
≥ 100	91.9	92.5	95.7	96.3	97.6	97.7	98.0	98.2	98.5	98.9	99.0	99.0	99.3	99.3	99.7	99.7
≥ 0	91.9	92.5	95.7	96.3	97.6	97.7	98.0	98.2	98.5	98.9	99.1	99.1	99.3	99.3	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1023

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

[illegible] PROCESSING BRANCH
[illegible] ETAC
AFGWC/WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 47 | MARSHALL AAF KS | 66-70, 74-78 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] | HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	2.9	64.[illegible]	65.7	65.9	66.3	[illegible].4	66.7	66.7	66.7	67.1	67.[illegible]	67.2	67.4	67.4	67.7	67.8
≥ 20000	63.3	66.[illegible]	66.[illegible]	67.[illegible]	67.4	67.4	67.7	67.7	67.7	67.7	68.1	68.2	68.2	68.5	68.8	68.9
≥ 18000	63.3	66.2	67.[illegible]	67.2	67.5	67.6	67.9	67.9	67.9	67.9	68.3	68.4	68.4	68.7	69.1	69.1
≥ 16000	63.3	66.2	67.[illegible]	67.4	67.5	67.6	67.9	67.9	67.9	68.2	68.6	68.4	68.4	68.7	69.1	69.1
≥ 14000	63.3	66.2	67.[illegible]	67.2	67.5	67.6	67.9	67.9	67.9	68.2	68.6	68.4	68.4	68.7	69.[illegible]	69.1
≥ 12000	64.4	67.4	68.1	68.3	68.7	68.8	69.1	69.1	69.1	69.5	69.9	69.8	69.8	69.9	70.2	70.2
≥ 10000	67.4	70.5	71.4	71.6	72.0	72.1	72.4	72.4	72.4	72.8	72.9	72.9	73.2	73.2	73.5	73.6
≥ 9000	67.6	70.7	71.6	71.7	72.2	72.3	72.6	72.6	72.6	73.0	73.1	73.1	73.4	73.4	73.7	73.8
≥ 8000	69.4	73.2	74.2	74.4	74.9	75.0	75.3	75.3	75.3	75.7	75.8	75.8	76.1	76.1	76.3	76.4
≥ 7000	70.7	74.5	75.5	75.7	76.1	76.2	76.5	76.5	76.5	76.9	77.0	77.0	77.3	77.3	77.5	77.7
≥ 6000	72.3	76.1	77.2	77.4	77.9	78.0	78.3	78.3	78.3	78.7	78.8	78.8	79.1	79.1	79.4	79.5
≥ 5000	73.7	78.3	79.6	79.8	80.3	80.4	80.6	80.6	80.6	81.0	81.1	81.1	81.4	81.4	81.7	81.9
≥ 4500	73.7	78.3	79.6	79.9	80.4	80.4	80.7	80.8	80.8	81.2	81.3	81.3	81.6	81.6	81.9	82.1
≥ 4000	74.6	79.7	80.9	81.2	81.8	81.9	82.2	82.3	82.3	82.7	82.8	82.8	83.1	83.1	83.4	83.5
≥ 3500	75.3	80.6	81.9	82.2	82.9	83.0	83.3	83.4	83.4	83.8	83.9	83.9	84.2	84.2	84.5	84.6
≥ 3000	75.7	81.0	83.1	83.3	84.0	84.1	84.4	84.5	84.5	84.8	84.9	84.9	85.2	85.2	85.5	85.6
≥ 2500	76.1	82.5	83.9	84.2	84.9	85.0	85.3	85.4	85.4	85.8	85.9	85.9	86.2	86.2	86.5	86.6
≥ 2000	76.7	83.6	85.1	85.7	86.8	86.9	87.2	87.3	87.3	87.7	87.8	87.8	88.1	88.1	88.4	88.5
≥ 1800	77.9	85.5	86.9	87.2	88.3	88.4	88.7	88.8	88.8	89.1	89.2	89.2	89.5	89.5	89.8	89.9
≥ 1500	78.6	86.4	88.1	88.4	89.3	89.4	89.7	89.8	89.8	90.2	90.3	90.3	90.6	90.6	90.9	91.0
≥ 1200	79.1	87.3	89.0	89.4	91.7	91.8	92.2	92.3	92.3	92.7	92.8	92.8	93.1	93.1	93.4	93.5
≥ 1000	79.2	87.9	90.4	91.3	92.8	92.9	93.3	93.5	93.5	93.8	93.9	93.9	94.2	94.2	94.5	94.6
≥ 900	79.4	88.1	90.8	91.9	93.4	93.5	93.8	94.0	94.0	94.4	94.5	94.5	94.8	94.8	95.1	95.2
≥ 800	79.6	88.5	91.7	92.5	94.1	94.3	94.7	95.0	95.0	95.4	95.5	95.5	95.8	95.8	96.1	96.2
≥ 700	79.8	88.9	91.3	92.7	94.4	94.6	95.0	95.3	95.3	95.8	95.9	95.9	96.2	96.2	96.5	96.6
≥ 600	79.9	89.6	91.6	93.1	95.0	95.3	95.7	96.0	96.0	96.4	96.5	96.5	96.8	96.8	97.1	97.2
≥ 500	79.9	88.0	91.7	93.3	95.5	95.8	96.2	96.5	96.5	96.9	97.0	97.0	97.3	97.3	97.6	97.7
≥ 400	79.9	88.6	91.7	93.3	95.5	95.9	96.3	96.6	96.6	97.0	97.1	97.1	97.4	97.4	97.7	97.8
≥ 300	79.9	88.6	91.7	93.3	95.6	96.0	96.4	96.7	96.7	97.1	97.2	97.2	97.5	97.5	97.8	97.9
≥ 200	79.9	88.6	91.7	93.3	95.7	96.1	96.5	96.8	96.8	97.2	97.3	97.3	97.6	97.6	97.9	98.0
≥ 100	79.9	88.6	91.7	93.3	95.7	96.1	96.5	96.8	96.8	97.2	97.3	97.3	97.6	97.6	97.9	98.0
≥ 0	79.9	88.6	91.7	93.3	95.7	96.1	96.5	96.8	96.8	97.2	97.3	97.3	97.6	97.6	97.9	98.0

TOTAL NUMBER OF OBSERVATIONS 1423

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 | MARSHALL AAF KS | 65-70,74-78 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1100 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	63.9	65.7	65.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	66.2	67.8	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 18000	66.2	67.8	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 16000	66.2	67.8	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 14000	66.3	67.9	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.6
≥ 12000	67.4	69.0	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.7
≥ 10000	70.4	72.1	72.5	72.6	72.7	72.7	72.8	72.9	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.0
≥ 9000	70.6	72.4	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3
≥ 8000	72.7	75.2	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2
≥ 7000	74.2	76.7	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.7
≥ 6000	75.6	78.3	78.8	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.5
≥ 5000	75.9	79.4	79.8	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.7
≥ 4500	75.9	79.5	79.9	80.2	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.9
≥ 4000	76.6	80.9	81.5	81.9	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.9
≥ 3500	77.5	81.9	82.6	83.0	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	84.0
≥ 3000	78.3	83.2	83.9	84.2	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.4
≥ 2500	78.6	84.3	85.0	85.7	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0
≥ 2000	79.0	86.2	87.2	88.3	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6
≥ 1800	85.0	87.2	88.2	89.2	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6
≥ 1500	91.5	93.3	90.3	91.4	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.8
≥ 1200	92.2	91.3	92.5	93.7	94.7	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.5
≥ 1000	92.2	91.3	92.8	94.3	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2
≥ 900	92.3	91.7	93.4	95.1	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0
≥ 800	92.3	91.8	93.7	95.4	96.5	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.5
≥ 700	92.3	91.8	93.8	95.7	96.8	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	98.0
≥ 600	92.3	92.1	94.2	96.2	97.5	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.0
≥ 500	92.3	92.1	94.2	96.2	97.6	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 400	92.3	92.1	94.2	96.3	97.7	98.0	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 300	92.3	92.1	94.2	96.3	97.7	98.0	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.9
≥ 200	92.3	92.1	94.2	96.3	97.7	98.0	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0
≥ 100	92.3	92.1	94.2	96.3	97.7	98.0	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0
≥ 0	92.3	92.1	94.2	96.3	97.7	98.0	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 65-70,74-74 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	64.6	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	65.6	65.6
≥ 20000	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 16000	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	69.8	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	70.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	74.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	75.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	77.0	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	77.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	78.3	80.4	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	78.9	81.0	81.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	79.2	81.3	81.7	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
≥ 4000	80.2	82.8	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	80.6	83.6	84.1	84.1	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	81.4	85.4	85.8	85.9	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	83.5	88.0	88.5	88.7	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	85.2	90.1	90.6	91.0	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	85.9	91.1	91.6	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	86.7	92.0	92.5	92.9	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	87.1	93.6	94.1	94.7	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	87.3	94.5	95.0	95.8	96.4	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	87.3	94.8	95.3	96.3	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	87.5	95.3	95.8	96.8	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	87.5	95.3	95.9	96.9	97.7	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	87.5	95.6	96.2	97.6	98.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	87.5	95.6	96.2	97.6	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.5	95.6	96.2	97.6	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.5	95.6	96.2	97.6	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.5	95.6	96.2	97.6	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.5	95.6	96.2	97.6	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.5	95.6	96.2	97.6	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1622

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 | MARSHALL AAF KS | 65-70,74-78 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.4	68.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	72.1	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	75.3	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	77.2
≥ 9000	75.4	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	79.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	79.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	79.9	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	80.7	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	81.0	83.5	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
≥ 4000	81.9	84.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	83.1	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	84.1	88.6	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
≥ 2500	85.2	90.2	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	86.9	92.1	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	86.8	92.7	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	87.2	93.5	94.4	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	87.4	94.3	95.2	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	87.5	94.5	95.7	96.3	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	87.5	95.3	96.1	97.1	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	87.7	95.3	96.6	97.7	98.4	98.8	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	87.7	95.4	96.7	97.8	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	87.7	95.5	96.9	98.1	98.9	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	87.7	95.5	97.1	98.3	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	87.7	95.5	97.1	98.3	99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.7	95.5	97.1	98.3	99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	87.7	95.5	97.1	98.3	99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	87.7	95.5	97.1	98.3	99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	87.7	95.5	97.1	98.3	99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 STATION | MARSHALL AAF KS STATION NAME | 65-73,74-78 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.2	72.1	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	72.3	74.7	75.1	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	72.3	74.7	75.1	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	72.4	74.8	75.2	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	72.4	74.8	75.2	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	73.3	75.6	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.7	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	76.7	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	79.0	81.5	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	79.5	82.1	82.6	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
≥ 6000	80.4	83.1	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	81.9	84.9	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	82.0	85.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	82.7	86.6	87.2	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	83.3	87.4	88.1	88.1	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	83.9	88.6	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	84.3	89.1	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	86.0	92.0	93.5	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	86.5	93.1	94.6	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	86.7	93.6	95.2	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	87.1	93.9	95.5	96.0	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	87.1	94.2	96.0	96.6	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	87.2	94.5	96.3	97.4	97.9	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	87.4	94.8	96.7	97.9	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	87.4	94.9	97.0	98.2	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	87.5	95.0	97.1	98.3	99.1	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	87.5	95.0	97.1	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.5	95.0	97.1	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.5	95.0	97.1	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.5	95.0	97.1	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.5	95.0	97.1	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.5	95.0	97.1	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-47 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.9	73.6	73.7	73.7	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	73.1	75.4	75.5	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	73.1	75.4	75.5	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	73.1	75.4	75.5	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	73.1	75.4	75.5	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	73.4	75.7	75.8	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.4	78.7	78.9	78.8	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	76.5	78.8	78.9	78.9	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	76.9	81.5	81.6	81.6	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	80.4	83.1	83.2	83.2	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	82.0	84.9	85.0	85.0	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	82.4	86.5	86.6	86.6	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	83.3	87.1	87.2	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	84.2	88.3	88.4	88.4	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	84.3	89.2	89.4	89.4	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	85.5	90.8	91.0	91.0	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	86.1	92.0	92.2	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	86.9	93.3	93.5	93.5	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	87.3	93.8	94.0	94.1	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	87.6	94.6	94.9	95.1	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	88.0	95.6	95.9	96.4	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	88.1	96.1	96.5	97.0	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	88.2	96.3	96.8	97.4	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	88.2	96.3	96.8	97.4	97.8	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	88.2	96.3	97.0	97.8	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	88.1	96.4	97.1	97.8	98.4	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	88.2	96.5	97.3	98.1	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	88.2	96.6	97.5	98.3	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.2	96.5	97.5	98.3	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.2	96.6	97.5	98.3	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.2	96.6	97.5	98.3	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.2	96.6	97.5	98.3	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 65-70,74-78 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.0	69.0	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.1
≥ 20000	69.2	71.3	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.2	72.3	72.2	72.3	72.3	72.4	72.4
≥ 18000	69.2	71.4	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.5
≥ 16000	69.2	71.4	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.5
≥ 14000	69.2	71.4	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.5	72.5
≥ 12000	70.1	72.3	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4
≥ 10000	73.1	75.4	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.6	76.6
≥ 9000	73.2	75.6	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.7	76.8
≥ 8000	75.2	78.1	78.6	78.7	78.9	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.3	79.4
≥ 7000	76.3	79.3	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.6	80.6
≥ 6000	77.6	80.7	81.2	81.4	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.0
≥ 5000	78.5	82.1	82.8	82.9	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.6	83.6
≥ 4500	78.7	82.5	83.1	83.3	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.0	84.0
≥ 4000	79.6	83.9	84.6	84.8	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6
≥ 3500	80.4	84.9	85.7	85.9	86.2	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.7	86.7
≥ 3000	81.2	86.3	87.2	87.4	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2	88.2
≥ 2500	82.0	87.7	88.6	88.9	89.2	89.3	89.4	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.9
≥ 2000	83.1	89.2	90.2	90.6	91.0	91.1	91.2	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6
≥ 1800	83.5	90.1	91.1	91.5	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.5
≥ 1500	84.3	91.2	92.4	92.8	93.2	93.3	93.5	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.9
≥ 1200	84.7	92.3	93.6	94.2	94.7	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.4	95.4
≥ 1000	84.8	92.9	94.3	95.0	95.7	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.5	96.5
≥ 900	84.9	93.2	94.8	95.7	96.4	96.6	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.3	97.3
≥ 800	85.1	93.5	95.1	96.2	97.0	97.3	97.6	97.6	97.7	97.8	97.8	97.8	97.9	97.9	98.0	98.0
≥ 700	85.3	93.6	95.4	96.5	97.4	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.5
≥ 600	85.1	93.8	95.6	96.9	97.8	98.1	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.1	99.1
≥ 500	85.1	93.8	95.7	97.0	98.0	98.3	98.8	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 400	85.1	93.9	95.8	97.1	98.1	98.5	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.7
≥ 300	85.1	93.9	95.8	97.1	98.2	98.5	99.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 200	85.1	93.9	95.8	97.1	98.2	98.5	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.9	100.0
≥ 100	85.1	93.9	95.8	97.1	98.2	98.5	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.9	100.0
≥ 0	85.1	93.9	95.8	97.1	98.2	98.5	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6179

DATA PROCESSING BRANCH
USAF ETAC
8TH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 | MARSHALL AAF KS | 65-70,74-79 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.1	64.7	65.1	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.8
≥ 20000	63.4	66.1	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2
≥ 18000	63.4	66.1	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2
≥ 16000	63.4	66.1	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2
≥ 14000	63.7	66.4	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.5
≥ 12000	64.7	67.4	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.5
≥ 10000	67.5	70.4	70.9	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.6
≥ 9000	67.6	70.5	71.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.7
≥ 8000	68.9	72.4	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.5
≥ 7000	69.8	73.5	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.6
≥ 6000	70.2	74.2	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.3
≥ 5000	71.5	75.5	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.6
≥ 4500	71.9	76.3	76.4	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.1
≥ 4000	74.7	78.4	78.8	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.6
≥ 3500	74.8	79.5	80.1	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.9
≥ 3000	75.2	81.5	82.1	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.9
≥ 2500	76.6	82.1	82.7	82.9	83.2	83.3	83.3	83.3	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.8
≥ 2000	79.0	84.4	85.0	85.2	85.7	85.8	85.8	85.8	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.3
≥ 1800	79.3	85.0	85.6	85.8	86.3	86.4	86.4	86.4	86.4	86.6	86.7	86.8	86.8	86.8	86.8	86.9
≥ 1500	80.0	86.8	87.9	88.1	88.7	88.8	88.8	88.9	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.4
≥ 1200	81.1	88.8	89.8	90.0	90.7	90.8	90.9	91.0	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.5
≥ 1000	81.6	89.8	90.9	91.1	92.0	92.1	92.2	92.3	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.8
≥ 900	81.7	90.3	91.5	91.7	92.6	92.7	92.8	92.9	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.4
≥ 800	82.5	91.2	92.8	93.1	94.2	94.4	94.6	94.7	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.2
≥ 700	82.5	91.6	93.7	94.1	95.9	96.1	96.3	96.4	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.9
≥ 600	82.5	91.8	94.2	94.7	96.5	96.7	96.9	97.0	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.8
≥ 500	82.5	91.9	94.5	95.2	97.1	97.3	97.6	97.7	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.6
≥ 400	82.5	91.9	94.6	95.3	97.2	97.4	97.8	97.9	98.0	98.5	98.9	99.0	99.0	99.0	99.0	99.1
≥ 300	82.5	91.9	94.6	95.3	97.2	97.4	97.8	97.9	98.1	98.6	99.0	99.1	99.1	99.1	99.1	99.2
≥ 200	82.5	91.9	94.6	95.3	97.2	97.4	97.8	97.9	98.1	98.6	99.1	99.2	99.2	99.2	99.2	99.3
≥ 100	82.5	91.9	94.6	95.3	97.2	97.4	97.8	97.9	98.1	98.6	99.1	99.2	99.2	99.2	99.2	99.4
≥ 0	82.5	91.9	94.6	95.3	97.2	97.4	97.8	97.9	98.1	98.6	99.1	99.2	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 988

DATA PROCESSING BRANCH
USAF ETAC
USAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-47 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.4	61.1	61.5	61.6	61.8	61.8	61.9	62.0	62.0	62.4	62.4	62.4	62.5	62.7	62.9	62.9
≥ 20000	58.2	62.1	62.5	62.6	62.8	62.8	62.9	63.0	63.0	63.5	63.5	63.5	63.6	63.8	64.0	64.0
≥ 18000	58.2	62.1	62.5	62.6	62.8	62.8	62.9	63.0	63.0	63.5	63.5	63.5	63.6	63.8	64.0	64.0
≥ 16000	58.2	62.1	62.5	62.6	62.8	62.8	62.9	63.0	63.0	63.5	63.5	63.5	63.6	63.8	64.0	64.0
≥ 14000	58.2	62.1	62.5	62.6	62.8	62.8	62.9	63.0	63.0	63.5	63.5	63.5	63.6	63.8	64.0	64.0
≥ 12000	59.3	62.9	63.3	63.4	63.6	63.6	63.7	63.8	63.8	64.3	64.3	64.3	64.4	64.6	64.8	64.8
≥ 10000	62.8	66.7	67.1	67.2	67.4	67.4	67.5	67.6	67.6	68.1	68.1	68.1	68.3	68.5	68.7	68.7
≥ 9000	62.9	66.8	67.2	67.3	67.5	67.5	67.6	67.7	67.7	68.3	68.3	68.3	68.4	68.6	68.8	68.8
≥ 8000	64.9	69.5	69.9	69.3	69.5	69.5	69.6	69.7	69.7	70.3	70.3	70.3	70.4	70.6	70.8	70.8
≥ 7000	65.8	70.2	70.6	70.7	70.9	70.9	71.0	71.1	71.1	71.7	71.7	71.7	71.8	72.0	72.2	72.2
≥ 6000	66.1	70.7	71.1	71.2	71.4	71.4	71.5	71.6	71.6	72.2	72.2	72.2	72.3	72.5	72.7	72.7
≥ 5000	67.3	71.8	72.2	72.3	72.5	72.5	72.6	72.7	72.7	73.3	73.3	73.3	73.4	73.6	73.8	73.8
≥ 4500	67.8	72.7	73.1	73.2	73.4	73.4	73.5	73.6	73.6	74.2	74.2	74.2	74.3	74.5	74.7	74.7
≥ 4000	69.5	75.3	75.9	76.0	76.6	76.6	76.7	76.8	76.8	77.5	77.5	77.5	77.6	77.8	78.0	78.0
≥ 3500	70.3	76.2	76.9	77.0	77.7	77.7	77.8	77.9	77.9	78.5	78.5	78.5	78.6	78.8	79.0	79.0
≥ 3000	71.1	77.4	78.2	78.3	78.9	78.9	79.0	79.1	79.1	79.7	79.7	79.7	79.8	80.0	80.2	80.2
≥ 2500	71.5	78.2	79.0	79.1	79.7	79.7	79.8	79.9	79.9	80.5	80.5	80.5	80.6	80.8	81.0	81.0
≥ 2000	75.2	82.3	83.1	83.2	83.8	83.8	83.9	84.0	84.0	84.6	84.6	84.6	84.7	84.9	85.1	85.1
≥ 1800	75.8	83.0	83.8	84.0	84.6	84.6	84.7	84.8	84.8	85.4	85.4	85.4	85.5	85.7	85.9	85.9
≥ 1500	76.2	84.4	85.4	85.6	86.2	86.2	86.3	86.7	86.7	87.3	87.3	87.3	87.4	87.6	87.8	87.8
≥ 1200	77.5	86.1	87.6	88.0	88.6	88.6	88.8	89.1	89.1	89.7	89.7	89.7	89.8	90.0	90.2	90.2
≥ 1000	78.0	87.0	88.5	89.0	90.0	90.1	90.3	90.6	90.6	91.3	91.3	91.3	91.4	91.6	91.8	91.8
≥ 900	78.1	87.3	89.1	89.6	90.7	90.9	91.2	91.5	91.5	92.2	92.2	92.2	92.3	92.5	92.7	92.7
≥ 800	78.6	88.4	90.6	91.2	92.7	92.9	93.3	93.6	93.6	94.3	94.3	94.3	94.4	94.6	94.8	94.8
≥ 700	78.6	88.5	90.7	91.4	93.0	93.2	93.7	94.0	94.0	94.7	94.7	94.7	94.8	95.0	95.2	95.2
≥ 600	78.8	88.9	91.3	92.1	93.9	94.1	94.6	94.9	95.0	95.9	95.9	95.9	96.0	96.2	96.4	96.4
≥ 500	78.8	89.0	91.8	92.9	95.0	95.3	95.1	96.4	96.5	97.3	97.4	97.4	97.5	97.7	97.9	97.9
≥ 400	78.8	89.3	92.1	93.3	95.6	96.0	96.7	97.0	97.1	97.9	98.0	98.0	98.1	98.3	98.5	98.5
≥ 300	78.8	89.3	92.1	93.3	95.7	96.1	96.8	97.3	97.4	98.2	98.3	98.3	98.4	98.6	98.8	98.8
≥ 200	78.8	89.3	92.1	93.3	95.7	96.1	96.8	97.3	97.4	98.2	98.3	98.3	98.6	98.8	99.1	99.1
≥ 100	78.8	89.3	92.1	93.3	95.7	96.1	96.8	97.3	97.4	98.2	98.3	98.3	98.8	99.0	99.3	99.3
≥ 0	78.8	89.3	92.1	93.3	95.7	96.1	96.8	97.3	97.4	98.2	98.3	98.3	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 989

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 | MARSHALL AAF KS | 65-70,74-78 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.7	54.6	56.7	56.9	57.7	58.0	58.2	58.2	58.7	58.3	58.5	58.5	58.6	58.7	59.1	59.7
≥ 20000	52.3	56.5	58.3	59.0	59.8	60.1	60.5	60.5	60.5	60.6	60.8	60.8	60.9	61.0	61.4	62.0
≥ 18000	52.3	56.5	58.3	59.0	59.8	60.1	60.5	60.5	60.5	60.6	60.8	60.8	60.9	61.0	61.4	62.0
≥ 16000	52.3	56.5	58.3	59.0	59.8	60.1	60.5	60.5	60.5	60.6	60.8	60.8	60.9	61.0	61.4	62.0
≥ 14000	52.3	56.5	58.3	59.0	59.8	60.1	60.5	60.5	60.5	60.6	60.8	60.8	60.9	61.0	61.4	62.0
≥ 12000	53.4	57.7	59.5	60.2	61.0	61.3	61.7	61.7	61.7	61.8	62.0	62.0	62.1	62.2	62.6	63.2
≥ 10000	57.0	61.7	63.6	64.3	65.2	65.5	65.9	65.9	65.9	66.1	66.3	66.3	66.4	66.5	66.9	67.5
≥ 9000	57.3	62.0	63.9	64.6	65.5	65.8	66.2	66.2	66.2	66.4	66.6	66.6	66.7	66.8	67.2	67.8
≥ 8000	59.3	64.9	66.8	67.5	68.4	68.7	69.1	69.1	69.1	69.3	69.5	69.5	69.6	69.7	70.1	70.7
≥ 7000	60.3	66.2	68.1	68.8	69.7	70.0	70.4	70.4	70.4	70.6	70.8	70.8	70.9	71.0	71.4	72.0
≥ 6000	61.5	67.2	69.1	69.7	70.6	71.0	71.4	71.5	71.5	71.7	71.9	71.9	72.0	72.1	72.5	73.1
≥ 5000	62.2	67.9	70.1	70.7	71.6	72.0	72.4	72.5	72.5	72.7	72.9	72.9	73.0	73.1	73.5	74.1
≥ 4500	62.8	69.5	70.4	71.3	72.2	72.6	73.0	73.1	73.1	73.3	73.5	73.5	73.6	73.7	74.1	74.7
≥ 4000	64.4	70.4	72.7	73.4	74.4	75.1	75.5	75.6	75.6	75.8	76.0	76.0	76.1	76.2	76.5	77.2
≥ 3500	65.3	71.4	73.7	74.4	75.5	76.2	76.6	76.7	76.7	76.9	77.1	77.1	77.2	77.3	77.7	78.3
≥ 3000	66.4	73.0	75.4	76.3	77.3	78.0	78.4	78.5	78.5	78.7	78.9	78.9	79.0	79.1	79.5	80.1
≥ 2500	67.4	74.0	76.4	77.3	78.3	79.0	79.4	79.5	79.5	79.7	79.9	79.9	80.0	80.1	80.5	81.1
≥ 2000	67.8	76.5	78.8	79.7	80.8	81.5	81.9	82.0	82.0	82.2	82.4	82.4	82.6	82.7	83.1	83.7
≥ 1800	68.6	77.5	80.0	80.9	82.1	82.8	83.3	83.4	83.4	83.6	83.8	83.8	84.0	84.1	84.5	85.2
≥ 1500	70.0	78.3	80.8	81.7	83.0	83.7	84.3	84.4	84.4	84.6	84.8	84.8	85.1	85.2	85.6	86.2
≥ 1200	71.3	79.9	82.6	83.7	85.2	85.9	86.5	86.7	86.8	87.0	87.2	87.2	87.4	87.5	87.9	88.5
≥ 1000	71.3	81.3	84.2	85.4	87.0	87.7	88.3	88.7	88.8	89.0	89.2	89.2	89.4	89.5	89.9	90.5
≥ 900	71.4	81.9	85.1	86.4	88.1	88.8	89.4	89.8	89.9	90.1	90.3	90.3	90.5	90.6	91.0	91.6
≥ 800	71.6	82.3	85.9	87.2	89.5	90.6	91.3	91.7	91.8	92.0	92.2	92.2	92.4	92.5	92.9	93.5
≥ 700	71.7	82.4	86.1	87.5	89.9	91.0	91.9	92.2	92.3	92.5	92.7	92.7	92.9	93.0	93.4	94.0
≥ 600	71.7	82.5	86.4	87.9	90.7	91.8	92.6	93.1	93.2	93.4	93.6	93.6	93.8	93.9	94.3	95.1
≥ 500	71.7	82.7	86.7	88.3	91.3	92.3	93.7	94.7	94.6	95.1	95.4	95.4	95.6	95.7	96.1	96.9
≥ 400	71.7	82.8	86.8	88.4	91.5	93.0	94.2	95.4	95.5	95.9	96.2	96.3	96.5	96.6	97.0	97.7
≥ 300	71.7	82.8	86.8	88.4	91.5	93.0	94.2	95.5	95.8	96.5	96.9	97.0	97.3	97.4	97.9	98.6
≥ 200	71.7	82.8	86.8	88.4	91.5	93.0	94.3	95.6	96.0	96.7	97.1	97.2	97.7	97.8	98.5	99.3
≥ 100	71.7	82.8	86.8	88.4	91.5	93.0	94.3	95.7	96.1	96.8	97.2	97.3	97.8	97.9	98.6	99.5
≥ 0	71.7	82.8	86.8	88.4	91.5	93.0	94.3	95.7	96.1	96.8	97.2	97.3	97.8	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING BRANCH
USAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17 47 (STATION) MARSHALL AAF KS (STATION NAME) 55-73,74-7[illegible] (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥1 [illegible]	≥1 4	≥1	≥ 4	≥ 8	≥	≥5 16	≥ 4	≥0
NO CEILING	1.5	54.7	55.6	55.9	56.2	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.9	56.9	56.9	56.9
≥ 20000	54.3	56.6	59.4	59.7	60.1	60.4	60.5	60.5	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	54.5	58.6	59.4	59.7	60.1	60.4	60.5	60.5	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	54.5	58.6	59.4	59.7	60.1	60.4	60.5	60.5	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	54.7	58.8	59.6	59.9	60.3	60.6	60.7	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0
≥ 12000	55.6	59.6	60.8	61.1	61.5	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 10000	60.3	65.4	66.4	66.7	67.1	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.8	67.8	67.8	67.8
≥ 9000	61.0	65.9	66.9	67.2	67.6	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3
≥ 8000	63.3	68.6	69.7	70.0	70.4	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.1
≥ 7000	63.6	69.3	70.5	70.8	71.2	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9
≥ 6000	64.1	70.3	71.2	71.5	72.0	72.4	72.5	72.5	72.5	72.6	72.7	72.7	72.9	72.9	72.9	72.9
≥ 5000	64.4	71.0	72.2	72.5	73.0	73.4	73.5	73.5	73.5	73.6	73.7	73.7	73.9	73.9	73.9	73.9
≥ 4500	64.5	71.2	72.4	72.8	73.3	73.7	73.8	73.8	73.8	73.9	74.0	74.0	74.2	74.2	74.2	74.2
≥ 4000	65.8	72.4	73.7	74.1	74.6	75.2	75.3	75.3	75.3	75.4	75.5	75.5	75.7	75.7	75.7	75.7
≥ 3500	65.9	72.5	73.8	74.2	74.7	75.3	75.4	75.4	75.4	75.5	75.6	75.6	75.8	75.8	75.8	75.8
≥ 3000	66.8	73.9	75.3	75.6	76.3	76.8	76.9	76.9	76.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3
≥ 2500	67.6	75.1	76.5	77.0	77.5	78.0	78.1	78.1	78.1	78.2	78.3	78.3	78.5	78.5	78.5	78.5
≥ 2000	69.8	79.1	80.9	81.4	82.0	82.5	82.8	82.8	82.8	82.9	83.0	83.0	83.2	83.2	83.2	83.2
≥ 1800	70.2	79.9	81.8	82.4	83.1	83.6	83.9	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.3	84.3
≥ 1500	71.2	82.4	84.7	85.5	86.2	86.6	87.1	87.1	87.1	87.2	87.3	87.3	87.5	87.5	87.5	87.5
≥ 1200	72.5	84.1	86.7	87.8	88.5	89.2	89.8	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.3
≥ 1000	73.1	85.4	88.2	89.5	90.4	91.1	91.8	91.9	91.9	92.0	92.1	92.1	92.3	92.3	92.3	92.3
≥ 900	73.1	85.9	88.7	90.0	91.5	92.2	93.1	93.3	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7
≥ 800	73.1	86.1	89.4	91.1	91.9	92.8	94.3	94.5	94.5	94.8	94.9	94.9	95.2	95.2	95.2	95.2
≥ 700	73.1	86.1	89.4	91.1	92.2	93.2	95.1	95.4	95.4	95.7	95.9	95.9	96.3	96.3	96.3	96.3
≥ 600	73.1	86.1	89.5	91.2	92.6	93.7	95.9	96.5	96.5	96.8	97.0	97.0	97.4	97.4	97.4	97.4
≥ 500	73.1	86.1	89.5	91.2	92.6	93.7	96.3	97.1	97.1	97.4	97.6	97.6	98.1	98.1	98.1	98.1
≥ 400	73.1	86.1	89.5	91.2	92.6	93.7	96.3	97.2	97.3	97.9	98.1	98.1	98.8	98.8	98.8	98.8
≥ 300	73.1	86.1	89.5	91.2	92.6	93.7	96.3	97.2	97.4	98.2	98.4	98.5	99.2	99.2	99.2	99.3
≥ 200	73.1	86.1	89.5	91.2	92.6	93.7	96.3	97.2	97.4	98.2	98.5	98.6	99.3	99.4	99.4	99.5
≥ 100	73.1	86.1	89.5	91.2	92.6	93.7	96.3	97.2	97.4	98.2	98.5	98.6	99.3	99.4	99.5	99.9
≥ 0	73.1	86.1	89.5	91.2	92.6	93.7	96.3	97.2	97.4	98.2	98.5	98.6	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 990

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

DATA PROCESSING BRANCH
USAF ETAC
USAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 | MARSHALL AAF KS | 66-70,74-78 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.7	56.5	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	59.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	59.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	59.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	59.4	61.6	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	60.4	62.6	62.7	62.7	62.8	62.8	62.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	64.7	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	65.3	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	67.1	70.2	70.4	70.7	70.8	70.8	70.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	67.7	70.8	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	68.5	71.5	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	68.7	71.9	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	68.9	71.9	72.3	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	71.2	74.3	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	71.9	75.3	75.4	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	73.2	76.9	77.2	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	75.2	79.3	80.0	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	78.4	83.7	84.6	85.1	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	79.8	84.5	85.5	86.1	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	80.6	87.2	88.2	88.9	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	81.8	89.2	90.7	91.6	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	82.2	90.0	91.4	92.8	93.7	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	82.2	90.4	92.7	93.8	94.8	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	82.3	90.6	93.0	94.2	95.8	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	82.3	90.6	93.0	94.3	96.1	96.7	97.6	97.9	98.0	98.1	98.1	98.3	98.6	98.6	98.6	98.6
≥ 600	82.3	90.6	93.0	94.3	96.1	96.8	98.2	98.7	98.8	98.9	98.9	99.1	99.4	99.4	99.4	99.4
≥ 500	82.3	90.6	93.0	94.3	96.1	96.8	98.3	98.9	99.0	99.2	99.3	99.5	99.8	99.8	99.8	99.8
≥ 400	82.3	90.6	93.0	94.3	96.1	96.8	98.3	98.9	99.1	99.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 300	82.3	90.6	93.0	94.3	96.1	96.8	98.3	98.9	99.1	99.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 200	82.3	90.6	93.0	94.3	96.1	96.8	98.3	98.9	99.1	99.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 100	82.3	90.6	93.0	94.3	96.1	96.8	98.3	98.9	99.1	99.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 0	82.3	90.6	93.0	94.3	96.1	96.8	98.3	98.9	99.1	99.3	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 989

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 MARSHALL AAF KS 45-70,74-78 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	55.4	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	60.4	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	60.4	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	60.4	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	61.3	62.8	62.7	62.7	62.8	62.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	62.7	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	67.3	68.8	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	67.4	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	70.7	72.4	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	71.1	72.9	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
≥ 6000	71.9	73.7	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	72.8	74.5	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500	72.9	74.6	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000	74.1	76.3	76.5	76.7	76.8	76.8	76.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	74.9	77.2	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	76.4	79.5	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	78.7	82.1	82.4	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	80.4	85.2	85.8	86.3	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	80.9	85.3	85.9	86.4	87.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	82.1	86.9	87.7	88.3	89.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	82.7	88.3	89.4	90.4	91.8	92.3	92.7	92.8	92.8	92.8	92.9	92.8	92.8	92.8	92.8	92.8
≥ 1000	82.9	88.3	90.1	91.5	93.4	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	82.9	88.8	90.9	92.3	94.4	95.2	95.6	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 800	82.9	89.1	91.8	93.2	95.5	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥ 700	82.9	89.3	91.8	93.2	95.5	96.7	97.6	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2
≥ 600	82.9	89.2	92.0	93.6	95.9	97.2	98.3	98.9	98.9	98.9	99.1	99.1	99.4	99.4	99.4	99.4
≥ 500	82.9	89.2	92.0	93.8	96.1	97.5	98.7	99.4	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 400	82.9	89.2	92.0	93.8	96.1	97.5	98.7	99.4	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	82.9	89.2	92.0	93.6	96.1	97.5	98.7	99.4	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	82.9	89.2	92.0	93.6	96.1	97.5	98.7	99.4	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	82.9	89.2	92.0	93.6	96.1	97.5	98.7	99.4	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	82.9	89.2	92.0	93.6	96.1	97.5	98.7	99.4	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12 AT | MARSHALL AAF KS | 68-73,74-78 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	64.5	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	64.5	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	64.5	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	65.3	66.2	66.2	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
≥ 12000	67.5	68.5	68.5	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
≥ 10000	70.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	70.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	72.8	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	73.1	74.5	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	74.4	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	76.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	75.6	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	77.9	80.3	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	79.8	81.2	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	79.4	82.1	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	80.2	83.6	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	81.4	86.0	86.1	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	81.8	86.3	86.5	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	82.5	87.5	88.1	88.7	89.3	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	83.4	89.0	90.2	90.9	91.5	91.5	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	84.1	90.2	90.9	91.1	91.9	94.0	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	84.3	90.7	92.0	92.7	94.5	94.9	95.3	95.6	95.8	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 800	84.3	90.9	92.4	94.3	94.9	95.6	96.1	96.5	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 700	84.3	91.1	93.0	94.4	95.4	96.3	97.0	97.4	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 600	84.4	91.4	93.5	95.0	96.2	97.2	97.9	98.3	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	84.4	91.4	93.5	95.0	96.4	97.3	98.2	98.7	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	84.4	91.4	93.5	95.0	96.4	97.4	98.6	99.1	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	84.4	91.4	93.5	95.0	96.4	97.4	98.6	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	84.4	91.4	93.5	95.0	96.4	97.4	98.6	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	84.4	91.4	93.5	95.0	96.4	97.4	98.6	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	84.4	91.4	93.5	95.0	96.4	97.4	98.6	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 989

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 47 — STATION — MARSHALL AAF KS — STATION NAME — 65-70,74-7? — YEARS — [illegible] — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	61.7	63.9	63.9	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
≥ 20000	66.3	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	66.3	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	66.3	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	66.2	66.4	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	66.3	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	73.3	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	74.2	74.3	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	74.5	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	76.3	76.3	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	76.3	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	76.8	77.8	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	77.4	80.5	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	79.1	82.3	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	79.4	83.2	83.3	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	80.7	84.9	84.9	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	82.3	87.3	87.4	87.7	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	83.2	88.3	88.4	88.7	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	83.5	89.2	89.3	90.1	90.5	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	84.4	92.5	91.7	92.1	92.5	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	84.9	91.4	92.5	93.6	94.1	94.5	94.7	94.7	94.7	94.9	94.8	94.8	94.8	94.8	94.9	94.8
≥ 900	84.9	91.4	92.7	93.3	94.5	94.9	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	85.3	92.6	93.7	94.9	95.8	96.3	96.5	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	85.3	92.9	94.3	95.8	97.0	97.5	97.7	97.8	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	85.4	93.5	95.3	96.7	97.9	98.4	98.6	98.7	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	85.4	93.5	95.3	96.7	99.0	98.5	99.0	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	85.4	93.5	95.3	96.7	98.0	98.5	99.1	99.2	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	85.4	93.5	95.3	96.7	98.0	98.5	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	85.4	93.5	95.3	96.7	98.0	98.5	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	85.4	93.5	95.3	96.7	98.0	98.5	99.1	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.4	93.5	95.3	96.7	98.0	98.5	99.1	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13647 | MARSHALL AAF KS | 55-70,74-79 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	56.7	59.3	59.7	59.9	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.6
≥ 20000	59.6	62.5	63.0	63.2	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.9
≥ 18000	59.8	62.5	63.0	63.2	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8	63.9	63.9
≥ 16000	59.8	62.5	63.0	63.2	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8	63.9	63.9
≥ 14000	60.1	62.8	63.3	63.4	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.2
≥ 12000	61.4	64.2	64.6	64.8	65.1	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.5	65.6
≥ 10000	65.1	68.1	68.6	68.8	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.6
≥ 9000	65.3	68.4	68.9	69.1	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.9
≥ 8000	67.4	70.8	71.3	71.6	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.4
≥ 7000	68.1	71.6	72.2	72.4	72.6	72.7	72.8	72.8	72.8	73.0	73.0	73.1	73.1	73.2	73.3
≥ 6000	68.8	72.5	73.1	73.3	73.6	73.7	73.8	73.8	73.8	73.9	74.0	74.0	74.0	74.1	74.2
≥ 5000	69.5	73.4	74.0	74.2	74.5	74.6	74.7	74.7	74.7	74.9	74.9	74.9	75.0	75.1	75.2
≥ 4500	69.9	73.8	74.4	74.7	74.9	75.1	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.5	75.6
≥ 4000	71.5	76.1	76.7	76.9	77.3	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9
≥ 3500	72.9	76.9	77.6	77.9	78.3	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.9
≥ 3000	73.6	78.4	79.2	79.5	79.9	80.1	80.2	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.6
≥ 2500	74.9	79.9	80.7	81.1	81.5	81.7	81.8	81.8	81.8	82.0	82.0	82.1	82.1	82.2	82.3
≥ 2000	77.1	83.1	84.1	84.4	85.0	85.2	85.4	85.4	85.4	85.5	85.6	85.8	85.7	85.7	85.8
≥ 1800	77.4	83.7	84.7	85.2	85.8	86.0	86.2	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.7
≥ 1500	78.3	85.3	86.5	87.1	87.8	88.1	88.4	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.8
≥ 1200	79.3	86.9	88.5	89.3	90.1	90.5	90.8	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.3
≥ 1000	79.8	87.9	89.8	90.6	91.8	92.2	92.6	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.2
≥ 900	79.8	88.7	90.4	91.5	92.7	93.1	93.5	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.3
≥ 800	80.1	88.9	91.2	92.4	93.8	94.4	95.0	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.9
≥ 700	80.1	89.5	91.5	92.7	94.4	95.1	95.8	96.1	96.1	96.4	96.5	96.6	96.7	96.8	96.9
≥ 600	80.1	89.2	91.9	93.2	95.0	95.7	96.6	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.9
≥ 500	80.1	89.3	92.1	93.4	95.3	96.1	97.2	97.7	97.8	98.1	98.3	98.4	98.6	98.6	98.7
≥ 400	80.1	89.3	92.1	93.5	95.4	96.3	97.4	98.0	98.1	98.5	98.7	98.8	99.0	99.0	99.1
≥ 300	80.1	89.3	92.1	93.5	95.4	96.3	97.5	98.0	98.2	98.7	98.9	99.0	99.2	99.3	99.4
≥ 200	80.1	89.3	92.1	93.5	95.4	96.3	97.5	98.1	98.3	98.7	99.0	99.0	99.3	99.4	99.5
≥ 100	80.1	89.3	92.1	93.5	95.4	96.3	97.5	98.1	98.3	98.7	99.0	99.1	99.4	99.4	99.6
≥ 0	80.1	89.3	92.1	93.5	95.4	96.3	97.5	98.1	98.3	98.7	99.0	99.1	99.4	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 7915

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 MARSHALL AAF KS 65-70,74-78 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.4	64.3	64.4	64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	64.1	66.1	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	64.1	66.1	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	64.1	66.1	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	64.2	66.2	66.3	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	65.1	67.1	67.1	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	67.4	69.3	69.4	69.5	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	67.4	69.4	69.5	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	68.6	70.6	70.9	71.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	70.3	72.3	72.4	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	71.5	73.5	73.1	73.2	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	71.5	74.0	74.1	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	72.0	74.6	74.7	74.8	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	73.8	76.3	76.4	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	74.1	76.6	76.7	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	74.7	77.6	77.7	77.9	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	75.4	79.3	79.1	79.3	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	77.7	82.1	82.4	82.6	82.9	83.1	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	78.1	84.2	84.4	84.6	84.8	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	78.3	84.4	85.4	85.7	86.0	86.2	86.7	86.7	86.7	86.8	86.9	86.8	86.8	86.8	86.8	86.8
≥ 1200	81.0	87.1	87.5	87.9	88.2	88.4	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	82.5	88.5	89.1	89.8	90.3	90.5	91.2	91.2	91.2	91.6	91.7	91.7	91.9	91.9	91.9	91.9
≥ 900	82.9	89.3	89.9	90.8	91.4	91.6	92.3	92.4	92.4	92.6	92.9	92.9	93.1	93.1	93.1	93.1
≥ 800	83.1	89.9	90.9	91.8	92.5	92.7	93.4	93.5	93.5	93.8	93.9	93.9	94.1	94.1	94.1	94.1
≥ 700	83.1	90.2	91.5	92.5	93.5	94.0	94.7	94.8	94.8	95.2	95.3	95.3	95.5	95.5	95.5	95.5
≥ 600	83.3	90.5	92.0	93.2	94.2	94.8	95.6	95.7	95.7	96.1	96.3	96.3	96.5	96.5	96.5	96.5
≥ 500	83.2	90.8	92.4	93.6	95.0	95.6	96.4	96.5	96.5	96.9	97.1	97.1	97.3	97.3	97.3	97.3
≥ 400	83.2	90.9	92.6	93.9	95.4	96.0	97.0	97.2	97.2	97.6	97.9	97.8	97.9	97.9	97.9	97.9
≥ 300	83.3	90.9	92.6	93.9	95.4	96.3	97.1	97.4	97.6	98.2	98.5	98.5	98.9	98.9	98.9	98.9
≥ 200	83.2	90.9	92.6	93.9	95.4	96.0	97.1	97.4	97.6	98.2	98.6	98.6	99.3	99.3	99.5	99.5
≥ 100	83.2	90.9	92.6	93.9	95.4	96.3	97.1	97.4	97.6	98.2	98.6	98.6	99.3	99.3	99.6	99.6
≥ 0	83.2	90.9	92.6	93.9	95.4	96.3	97.1	97.4	97.6	98.2	98.6	98.6	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17947 (STATION) MARSHALL AAF KS (STATION NAME) 65-72,74-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0900 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.4	64.1	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.6	64.7	64.8	64.6	64.7	64.7	64.7
≥ 20000	63.9	66.4	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0
≥ 18000	63.6	66.4	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0
≥ 16000	63.6	66.4	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0
≥ 14000	63.6	66.4	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0
≥ 12000	64.2	67.0	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 10000	66.2	69.0	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6
≥ 9000	66.3	69.1	69.3	69.3	69.3	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7
≥ 8000	67.5	70.4	70.6	70.6	70.6	70.7	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.1
≥ 7000	69.1	71.9	72.1	72.1	72.1	72.2	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 6000	70.3	73.1	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 5000	72.0	75.0	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 4500	72.5	75.5	75.7	75.7	75.7	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	73.0	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 3500	73.4	76.5	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3
≥ 3000	74.4	77.7	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.6	78.6	78.6
≥ 2500	75.2	78.8	79.3	79.5	79.5	79.6	79.6	79.7	79.7	80.0	80.0	80.0	80.0	80.1	80.1	80.1
≥ 2000	77.2	81.2	81.8	82.0	82.1	82.2	82.3	82.5	82.5	82.9	82.9	82.9	82.9	83.0	83.0	83.0
≥ 1800	78.1	82.3	82.9	83.1	83.2	83.3	83.4	83.6	83.6	84.0	84.0	84.0	84.0	84.1	84.1	84.1
≥ 1500	79.1	83.9	84.5	84.7	84.8	84.8	84.9	85.1	85.1	85.5	85.5	85.5	85.5	85.6	85.6	85.6
≥ 1200	80.1	85.4	86.1	86.4	86.9	87.2	87.3	87.5	87.5	87.9	88.0	88.0	88.0	88.1	88.1	88.1
≥ 1000	80.7	86.6	87.7	88.3	88.9	89.2	89.3	89.5	89.5	90.0	90.1	90.1	90.1	90.2	90.2	90.2
≥ 900	81.0	87.6	88.6	89.2	89.9	90.3	90.6	90.8	90.9	91.4	91.5	91.5	91.5	91.6	91.6	91.6
≥ 800	81.6	88.5	89.9	90.6	91.3	91.7	92.0	92.2	92.3	92.5	92.9	92.9	92.9	93.0	93.0	93.0
≥ 700	81.7	89.1	90.7	91.4	92.2	92.7	93.1	93.3	93.4	93.8	93.9	93.9	93.9	94.0	94.0	94.0
≥ 600	81.7	89.6	91.3	92.3	93.5	94.1	94.5	94.7	94.8	95.3	95.4	95.4	95.4	95.5	95.5	95.5
≥ 500	81.7	89.6	91.3	92.3	93.7	94.4	95.0	95.3	95.5	96.0	96.1	96.1	96.1	96.2	96.2	96.2
≥ 400	81.7	90.3	91.8	92.8	94.4	95.1	95.7	96.1	96.3	96.8	97.0	97.1	97.1	97.2	97.2	97.2
≥ 300	81.7	90.9	91.9	92.9	94.5	95.3	95.1	96.6	96.8	97.7	97.8	97.9	97.9	98.0	98.0	98.0
≥ 200	81.7	90.9	91.9	92.9	94.5	95.3	96.3	96.8	97.0	97.8	98.1	98.2	98.5	98.7	99.0	99.1
≥ 100	81.7	90.9	91.9	92.9	94.5	95.3	96.5	97.0	97.2	98.0	98.3	98.4	98.7	98.9	99.2	99.5
≥ 0	81.7	90.9	91.9	92.9	94.5	95.3	96.5	97.0	97.2	98.0	98.3	98.4	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2500-0400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.9	58.6	59.1	59.3	59.5	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	59.4	62.3	63.1	63.1	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	59.4	62.3	63.1	63.1	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	59.4	62.3	63.0	63.1	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	59.6	62.5	63.1	63.3	63.5	63.6	63.7	63.8	63.8	63.8	63.9	63.8	63.8	63.8	63.8	63.8
≥ 12000	59.9	62.9	63.5	63.7	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	62.7	65.8	66.7	66.9	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	63.1	66.3	67.2	67.4	67.5	67.6	67.7	67.8	67.8	67.8	67.8	67.9	67.8	67.8	67.8	67.8
≥ 8000	64.2	68.3	69.0	69.3	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 7000	65.9	69.1	70.1	70.4	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	66.6	69.9	70.9	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	67.8	71.5	72.2	72.6	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	68.2	71.7	72.6	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	69.4	73.1	74.1	74.6	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	69.8	75.5	74.5	74.9	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3000	71.1	74.9	75.9	76.2	76.4	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	72.1	76.1	77.2	77.6	77.8	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	73.3	77.9	79.1	79.7	79.9	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	73.7	78.1	79.3	79.9	80.1	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1500	75.2	80.2	81.4	82.0	82.2	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	76.1	81.9	83.4	84.2	84.5	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1000	76.4	82.9	84.5	85.5	85.9	86.1	86.4	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 900	77.1	84.1	85.7	86.8	87.4	87.6	88.0	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	77.2	84.7	86.5	87.7	88.6	88.8	89.3	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	77.6	85.3	87.3	88.7	89.8	90.0	90.7	90.8	90.8	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	77.7	85.6	88.0	89.3	90.7	90.9	91.8	92.5	92.6	93.1	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	77.8	86.0	88.3	89.6	91.3	91.7	92.8	93.5	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.6
≥ 400	77.9	86.2	88.5	89.8	91.7	92.2	93.4	94.1	94.4	95.2	95.9	95.9	96.0	96.0	96.0	96.0
≥ 300	77.8	86.2	88.7	90.1	92.0	92.6	93.8	94.8	95.1	96.2	97.3	97.3	97.3	97.6	97.7	97.7
≥ 200	77.8	86.2	88.7	90.1	92.0	92.6	94.0	95.0	95.4	96.6	97.5	97.5	98.1	98.4	98.7	98.8
≥ 100	77.8	86.2	88.7	90.1	92.0	92.6	94.0	95.0	95.4	96.7	97.6	97.6	98.4	98.8	99.2	99.3
≥ 0	77.8	86.2	88.7	90.1	92.0	92.6	94.0	95.0	95.4	96.7	97.6	97.6	98.4	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13,47 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.2	54.5	54.2	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	55.4	56.6	56.7	56.9	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	55.4	56.6	56.7	56.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	55.5	56.7	56.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 14000	55.7	56.8	56.9	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	56.6	59.8	59.9	60.2	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	59.9	63.3	63.5	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	60.2	63.6	63.8	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	62.5	66.2	66.5	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	63.6	67.4	67.6	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	64.1	68.2	68.5	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 5000	65.4	69.5	69.8	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	65.7	69.8	70.1	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	67.3	71.6	71.9	72.4	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	67.1	71.7	72.1	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	68.2	73.0	73.4	73.9	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	69.3	74.3	74.8	75.3	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	71.3	76.3	76.9	77.6	78.3	78.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1800	71.4	77.1	77.7	78.7	79.4	79.5	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	72.1	78.5	79.1	80.3	80.9	81.1	81.5	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200	73.1	80.2	81.0	82.3	83.0	83.2	83.7	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	73.6	81.3	82.7	84.5	85.6	85.8	86.4	87.1	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	73.9	81.9	83.4	85.1	86.4	86.6	87.4	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	74.1	82.2	83.7	85.5	86.9	87.3	88.3	89.1	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	74.2	82.5	84.0	85.8	87.5	88.3	89.5	90.3	90.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	74.2	82.7	84.4	86.2	88.4	89.4	91.2	92.1	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	74.2	82.7	84.4	86.4	88.6	89.1	92.4	93.5	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	74.2	82.7	84.4	86.4	88.6	90.2	92.7	94.2	95.0	96.8	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	74.2	82.7	84.5	86.5	88.7	90.4	93.0	94.5	95.5	97.5	98.5	98.5	98.8	98.9	99.0	99.0
≥ 200	74.2	82.7	84.5	86.5	88.7	90.4	93.0	94.5	95.5	97.6	98.9	98.9	99.2	99.3	99.4	99.6
≥ 100	74.2	82.7	84.5	86.5	88.7	90.4	93.0	94.5	95.5	97.6	98.9	98.9	99.2	99.3	99.4	99.6
≥ 0	74.2	82.7	84.5	86.5	88.7	90.4	93.0	94.5	95.5	97.6	98.9	98.9	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 | MARSHALL AAF KS | 55-73,74-78 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.6	58.3	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
≥ 20000	59.2	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	59.3	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	59.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	59.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	60.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	63.7	65.7	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
≥ 9000	64.0	66.0	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	66.4
≥ 8000	66.5	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	67.8	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	70.7	70.7
≥ 6000	69.7	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	69.6	72.2	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
≥ 4500	69.9	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	70.9	73.8	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	71.4	74.4	74.8	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	72.3	75.4	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2500	73.5	77.0	77.5	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	75.5	79.8	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	77.4	82.1	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	78.1	83.7	84.6	85.3	85.4	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	79.2	85.8	87.0	87.7	88.1	88.3	88.6	88.7	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.2
≥ 1000	79.4	86.5	88.2	89.0	89.7	90.0	90.3	90.4	90.5	90.8	90.8	90.8	90.9	90.9	91.1	91.1
≥ 900	79.4	87.0	89.0	90.3	91.0	91.3	91.6	91.7	91.8	92.1	92.1	92.1	92.2	92.2	92.4	92.4
≥ 800	79.4	87.3	89.4	90.8	92.2	92.5	92.8	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.5	93.5
≥ 700	79.4	87.3	89.4	91.1	92.9	93.1	93.5	93.8	94.0	94.5	94.5	94.5	94.6	94.6	94.8	94.8
≥ 600	79.4	87.3	89.4	91.2	93.2	94.0	94.8	95.3	95.5	96.1	96.1	96.4	96.5	96.5	96.7	96.7
≥ 500	79.4	87.3	89.4	91.3	93.5	94.9	95.8	96.6	97.3	98.1	98.2	98.6	98.7	98.7	98.9	98.9
≥ 400	79.4	87.4	89.5	91.4	93.6	95.0	96.2	97.4	97.8	98.8	98.9	99.3	99.5	99.5	99.7	99.7
≥ 300	79.4	87.4	89.5	91.4	93.6	95.0	96.2	97.4	97.8	98.8	98.9	99.3	99.5	99.5	99.7	99.7
≥ 200	79.4	87.4	89.5	91.4	93.6	95.0	96.2	97.4	97.8	98.8	98.9	99.3	99.6	99.7	99.9	99.9
≥ 100	79.4	87.4	89.5	91.4	93.6	95.0	96.2	97.4	97.8	98.8	98.9	99.3	99.6	99.7	99.9	99.9
≥ 0	79.4	87.4	89.5	91.4	93.6	95.0	96.2	97.4	97.8	98.8	98.9	99.3	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1021

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 STATION | MARSHALL AAF KS STATION NAME | 65-70,74-76 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	59.2	59.2	59.2
≥ 20000	61.4	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	60.5	62.0	62.1	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
≥ 16000	60.8	62.3	62.4	62.7	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	61.1	62.6	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	62.3	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	64.1
≥ 10000	66.8	68.2	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	67.2	68.6	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	69.3	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	71.1	72.7	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	73.1
≥ 6000	71.7	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.8	73.8	73.8	73.8	73.8
≥ 5000	72.5	74.3	74.5	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	72.7	74.6	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	73.7	75.9	76.1	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	74.8	76.2	76.4	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	75.2	78.0	78.2	78.6	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	76.2	79.5	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	78.6	82.4	82.9	83.4	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	79.2	83.9	84.6	85.1	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	80.2	85.8	86.6	87.2	87.6	87.8	88.0	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	86.6	87.2	88.6	89.2	89.6	90.0	90.2	90.2	90.2	90.4	90.6	90.6	90.6	90.6	90.7	90.7
≥ 1000	86.6	87.5	89.4	90.5	91.2	91.6	91.8	91.9	91.9	92.1	92.3	92.3	92.4	92.4	92.5	92.5
≥ 900	86.6	87.7	89.6	90.8	91.6	92.3	92.6	92.7	92.7	93.1	93.4	93.4	93.5	93.5	93.5	93.5
≥ 800	86.7	88.1	90.0	91.2	92.1	92.8	93.3	93.5	93.6	94.0	94.3	94.3	94.5	94.5	94.6	94.6
≥ 700	86.8	88.5	90.5	91.8	93.2	93.9	94.8	95.6	95.7	96.2	96.5	96.5	96.8	96.8	96.9	96.9
≥ 600	86.8	88.6	90.6	92.0	93.5	94.4	95.7	96.8	96.9	97.4	97.7	97.9	98.2	98.3	98.4	98.4
≥ 500	86.9	88.6	90.6	92.2	93.8	94.9	96.3	97.5	97.6	98.0	98.4	98.7	99.2	99.3	99.4	99.4
≥ 400	86.8	88.6	90.6	92.2	93.8	94.9	96.5	97.8	97.9	98.4	98.8	99.1	99.6	99.7	99.8	99.8
≥ 300	86.8	88.6	90.6	92.2	93.8	94.9	96.6	97.9	98.0	98.5	98.9	99.2	99.7	99.8	99.9	99.9
≥ 200	86.8	88.6	90.6	92.2	93.8	94.9	96.6	97.9	98.0	98.5	98.9	99.2	99.7	99.8	99.9	99.9
≥ 100	86.8	88.6	90.6	92.2	93.8	94.9	96.6	97.9	98.0	98.5	98.9	99.2	99.7	99.9	100.0	100.0
≥ 0	86.8	88.6	90.6	92.2	93.8	94.9	96.6	97.9	98.0	98.5	98.9	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18,0-2,00 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.7	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	62.3	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	62.9	64.6	64.7	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
≥ 16000	62.9	64.6	64.7	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
≥ 14000	63.0	64.8	64.9	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
≥ 12000	63.9	65.7	65.8	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
≥ 10000	67.4	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	67.4	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	69.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	70.1	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 6000	70.8	72.8	72.9	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
≥ 5000	71.4	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	72.1	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	73.3	76.0	76.7	76.8	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	73.3	76.6	76.7	76.8	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	75.3	79.2	79.4	79.5	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	76.1	80.8	81.0	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	77.3	82.6	83.1	83.2	83.7	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	78.1	84.1	84.6	84.8	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	79.2	86.2	87.1	87.5	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	79.9	87.9	89.1	89.4	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	81.2	89.1	90.7	90.9	91.7	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	81.2	89.2	90.9	91.5	92.4	92.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	81.2	89.4	91.2	91.9	92.9	93.4	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	81.2	89.7	91.9	92.9	94.1	94.8	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	81.2	90.1	92.3	93.5	94.8	95.6	96.3	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9
≥ 500	81.2	90.2	92.4	93.5	95.1	95.9	96.6	96.8	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 400	81.2	90.3	92.6	93.7	95.3	96.2	97.1	97.3	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 300	81.2	90.3	92.6	93.7	95.3	96.2	97.1	97.5	97.9	98.3	98.5	98.7	98.9	99.2	99.2	99.2
≥ 200	81.2	90.3	92.6	93.7	95.3	96.2	97.1	97.5	97.9	98.3	98.6	98.8	99.0	99.3	99.3	99.4
≥ 100	81.2	90.3	92.6	93.7	95.3	96.2	97.1	97.5	97.9	98.3	98.6	98.8	99.0	99.3	99.3	99.4
≥ 0	81.2	90.3	92.6	93.7	95.3	96.2	97.1	97.5	97.9	98.3	98.6	98.8	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.1	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 20000	83.5	85.6	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
≥ 18000	83.5	85.6	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
≥ 16000	83.5	85.6	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
≥ 14000	83.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	84.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	87.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	87.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	89.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	89.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	90.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	91.1	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	91.7	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	94.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	94.5	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	96.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	96.9	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	98.2	83.3	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	98.7	84.5	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	99.3	85.9	86.4	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	90.6	87.5	88.3	88.6	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	90.7	88.8	90.1	90.6	91.1	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	90.8	89.7	91.2	91.9	92.3	92.4	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	91.7	90.2	91.9	92.9	93.3	93.4	93.7	93.8	93.8	93.9	94.1	94.1	94.2	94.2	94.2	94.2
≥ 700	91.1	90.4	92.4	93.6	94.4	94.6	95.3	95.4	95.4	95.5	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600	91.1	90.8	92.9	94.2	95.1	95.3	96.2	96.3	96.4	96.5	96.7	96.7	96.8	96.8	96.8	96.8
≥ 500	91.1	90.9	93.1	94.4	95.6	95.8	96.7	97.0	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	91.1	90.9	93.1	94.5	95.7	96.0	96.9	97.6	97.9	98.1	98.4	98.4	98.5	98.5	98.5	98.5
≥ 300	91.1	90.9	93.1	94.5	95.8	96.1	97.1	97.8	98.2	98.4	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	91.1	90.9	93.1	94.5	95.8	96.1	97.1	97.8	98.2	98.6	99.0	99.0	99.3	99.3	99.4	99.5
≥ 100	91.1	90.9	93.1	94.5	95.8	96.1	97.1	97.8	98.2	98.6	99.0	99.0	99.3	99.3	99.4	99.5
≥ 0	91.1	90.9	93.1	94.5	95.8	96.1	97.1	97.8	98.2	98.6	99.0	99.0	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-70,74-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.6	60.6	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	61.1	63.3	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	61.1	63.3	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9
≥ 16000	61.2	63.4	63.6	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	61.4	63.6	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	62.2	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	65.2	67.5	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	65.4	67.8	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
≥ 8000	67.2	69.7	70.0	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	68.4	71.0	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	69.2	71.8	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 5000	70.2	73.0	73.3	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 4500	70.6	73.4	73.7	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	71.1	75.1	75.4	75.6	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	72.2	75.4	75.7	76.0	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	73.4	76.9	77.2	77.5	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 2500	74.3	79.3	79.7	79.9	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2000	76.2	80.7	81.3	81.6	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	76.9	82.0	82.6	83.0	83.3	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	77.3	83.6	84.4	84.9	85.2	85.3	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	78.7	85.4	86.4	87.0	87.4	87.6	87.9	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 1000	79.3	86.4	87.8	88.7	89.3	89.6	89.9	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 900	79.5	87.1	88.5	89.6	90.3	90.6	91.0	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7
≥ 800	79.7	87.5	89.2	90.3	91.2	91.5	92.1	92.3	92.4	92.7	92.9	92.8	92.9	92.9	92.9	92.9
≥ 700	79.8	87.9	89.7	91.1	92.2	92.7	93.4	93.7	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4
≥ 600	79.8	88.2	90.1	91.5	92.9	93.6	94.5	95.0	95.1	95.5	95.6	95.7	95.8	95.8	95.9	95.9
≥ 500	79.8	88.3	90.2	91.7	93.3	94.2	95.2	95.9	96.2	96.6	96.9	97.0	97.1	97.1	97.1	97.1
≥ 400	79.8	88.4	90.4	91.8	93.6	94.5	95.7	96.5	96.8	97.4	97.8	97.9	98.0	98.0	98.1	98.1
≥ 300	79.8	88.4	90.4	91.9	93.6	94.6	95.9	96.7	97.1	98.0	98.4	98.5	98.6	98.9	98.9	98.9
≥ 200	79.8	88.4	90.4	91.9	93.6	94.6	95.9	96.8	97.2	98.1	98.6	98.7	99.1	99.2	99.4	99.5
≥ 100	79.8	88.4	90.4	91.9	93.6	94.6	95.9	96.8	97.2	98.1	98.6	98.7	99.2	99.3	99.5	99.6
≥ 0	79.8	88.4	90.4	91.9	93.6	94.6	95.9	96.8	97.2	98.1	98.6	98.7	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5182

DATA PROCESSING BRANCH
USAF ETAC
ATMOSPHERIC SERVICE/MAC

CEILING VERSUS VISIBILITY

13747 (STATION) MARSHALL AAF KS (STATION NAME) 65-71,74-79 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	58.4	61.9	62.4	62.7	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 20000	61.4	65.9	66.4	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 18000	62.3	65.9	66.5	66.7	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 16000	62.3	65.9	66.5	66.7	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4
≥ 14000	63.2	66.1	66.7	67.0	67.3	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7
≥ 12000	63.3	67.0	67.5	67.9	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 10000	66.1	70.5	71.1	71.4	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 9000	66.4	70.8	71.4	71.7	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5
≥ 8000	66.8	73.7	74.4	74.7	75.0	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 7000	67.4	74.9	75.7	76.0	76.3	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥ 6000	70.0	76.1	76.9	77.2	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 5000	70.2	77.7	78.5	78.9	79.3	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 4500	72.5	78.2	79.0	79.3	79.8	79.8	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
≥ 4000	74.5	80.4	81.2	82.2	82.7	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 3500	75.2	81.6	82.6	83.2	83.7	83.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 3000	76.4	83.6	84.7	85.1	85.7	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 2500	77.2	84.7	85.9	86.4	87.0	87.1	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.7
≥ 2000	78.4	86.6	87.9	88.5	89.1	89.3	89.5	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.9	89.9
≥ 1800	78.8	87.2	88.5	89.2	89.9	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.7
≥ 1500	79.3	88.3	89.9	90.5	91.3	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2
≥ 1200	79.9	89.4	91.1	91.9	92.8	93.0	93.4	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1000	80.1	90.3	91.9	92.9	94.0	94.2	94.6	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1
≥ 900	80.2	90.4	92.4	93.4	94.6	94.9	95.3	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 800	80.3	90.7	92.8	93.9	95.2	95.5	96.0	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥ 700	80.3	91.6	93.1	94.3	95.6	96.0	96.5	96.4	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.4
≥ 600	80.4	91.8	93.2	94.5	96.0	96.5	97.2	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.1	98.1
≥ 500	80.4	91.8	93.4	94.7	96.3	96.8	97.6	98.0	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.8
≥ 400	80.4	91.1	93.4	94.8	96.4	96.9	97.8	98.2	98.4	98.7	98.9	99.0	99.1	99.1	99.2	99.2
≥ 300	80.4	91.1	93.4	94.8	96.5	97.1	97.8	98.3	98.5	98.9	99.1	99.2	99.3	99.4	99.5	99.5
≥ 200	80.4	91.1	93.4	94.8	96.5	97.1	97.9	98.3	98.5	98.9	99.2	99.3	99.5	99.5	99.7	99.8
≥ 100	80.4	91.1	93.4	94.8	96.5	97.1	97.9	98.4	98.5	98.9	99.2	99.3	99.5	99.6	99.7	99.9
≥ 0	80.4	91.1	93.4	94.8	96.5	97.1	97.9	98.4	98.5	98.9	99.2	99.3	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 96234

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

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

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947	MARSHALL AAF KS	66-71,75-79	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	36.2			17.6						9.2	37.0	5.1	1022
	03-05	35.8			16.1						10.8	37.4	5.2	1020
	06-08	27.1			21.0						13.5	38.4	5.7	1022
	09-11	20.4			20.4						15.9	43.2	6.4	1023
	12-14	19.7			22.1						17.8	40.4	6.3	1022
	15-17	15.6			25.6						19.0	39.8	6.5	1022
	18-20	21.6			25.0						16.4	37.0	5.9	1023
	21-23	31.3			22.2						11.8	34.7	5.2	1023
TOTALS		26.0			21.3						14.3	38.5	5.8	8177

13

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947	MARSHALL AAF KS	66-71,75-79	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	36.6			17.5						11.7	34.1	5.0	929
	03-05	36.5			17.9						5.3	36.4	5.0	927
	06-08	24.9			26.4						11.6	37.1	5.5	928
	09-11	19.8			21.7						14.9	43.5	6.4	930
	12-14	19.1			24.9						18.6	38.4	6.3	930
	15-17	17.2			25.6						19.2	38.0	6.3	929
	18-20	23.1			24.8						16.3	35.7	5.8	930
	21-23	34.1			18.9						12.6	34.5	5.1	928
TOTALS		26.3			22.2						14.3	37.2	5.7	7431

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947	MARSHALL AAF KS	66-71,75-79	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	37.5			18.5						10.3	33.6	4.8	1020
	03-05	36.1			18.3						10.0	35.6	5.0	1019
	06-08	21.8			21.9						18.6	37.7	6.1	1020
	09-11	20.5			19.8						17.8	42.0	6.4	1022
	12-14	16.4			23.3						24.8	35.5	6.5	1023
	15-17	12.4			28.4						23.1	36.1	6.5	1023
	18-20	18.3			28.2						18.1	35.4	6.0	1021
	21-23	34.2			21.8						9.5	34.5	5.0	1023
TOTALS		24.7			22.5						16.5	36.3	5.8	8171

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — PERIOD
APR — 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	36.4			16.8						12.7	34.1	5.1	989
	03-05	31.4			17.3						14.3	36.9	5.5	983
	06-08	16.5			23.7						19.1	40.7	6.5	985
	09-11	15.8			22.9						20.9	40.5	6.6	988
	12-14	15.3			21.8						23.7	39.2	6.7	989
	15-17	14.9			24.1						23.1	38.0	6.6	989
	18-20	17.9			28.7						21.5	31.9	6.0	987
	21-23	34.4			23.8						11.9	29.9	4.8	986
TOTALS		22.8			22.4						18.4	36.4	6.0	7896

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947	MARSHALL AAF KS	66-71,75-79	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	37.5			19.0						10.8	32.7	4.8	1016
	03-05	27.5			24.2						13.5	34.8	5.4	1015
	06-08	16.7			25.1						20.4	37.8	6.4	1020
	09-11	14.5			26.8						24.3	34.4	6.4	1023
	12-14	11.2			28.8						31.8	28.2	6.5	1023
	15-17	11.0			32.5						28.6	27.9	6.3	1021
	18-20	16.4			32.9						23.8	26.9	5.8	1019
	21-23	32.0			25.0						13.7	29.3	4.9	1020
TOTALS		20.9			26.8						20.9	31.5	5.8	8157

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947 MARSHALL AAF KS 66-71,75-79 JUN

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	34.1			25.1						13.4	27.4	4.7	990
	03-05	26.6			27.7						17.9	27.9	5.2	990
	06-08	14.9			30.2						26.9	28.0	6.1	988
	09-11	18.0			28.3						27.9	25.7	5.9	988
	12-14	12.6			35.8						30.6	21.1	5.9	988
	15-17	11.7			42.0						30.5	15.8	5.6	988
	18-20	14.4			41.1						26.3	18.2	5.4	984
	21-23	26.0			31.3						17.3	25.4	5.0	986
TOTALS		19.8			32.7						23.9	23.7	5.5	7902

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-70,74-79 — 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	40.6			26.9						14.3	18.2	3.9	1011
	03-05	32.5			30.4						16.4	20.7	4.5	1016
	06-08	17.8			35.9						27.2	19.1	5.4	1017
	09-11	20.0			38.1						24.5	17.4	5.1	1019
	12-14	15.6			41.5						26.8	16.1	5.3	1019
	15-17	12.0			46.9						28.4	12.7	5.2	1020
	18-20	17.0			44.8						24.3	13.9	4.9	1020
	21-23	28.5			39.1						17.9	14.5	4.2	1018
TOTALS		23.0			38.0						22.5	16.6	4.8	8140

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947 MARSHALL AAF KS 66-70,74-79 AUG

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		
AUG	00-02	38.9			29.4						13.2	18.5	3.9	1013
	03-05	32.8			29.1						15.1	22.9	4.5	1011
	06-08	16.4			34.1						23.1	26.4	5.7	1016
	09-11	18.0			34.2						27.0	20.8	5.5	1013
	12-14	13.1			40.8						28.2	17.9	5.5	1014
	15-17	12.1			45.6						27.1	15.1	5.3	1013
	18-20	20.6			41.2						23.4	14.7	4.8	1011
	21-23	32.1			33.9						16.4	17.7	4.3	1014
TOTALS		23.0			36.0						21.7	19.3	4.9	8105

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70,74-78 — 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	45.0			19.6						11.2	24.1	4.0	979
	03-05	40.9			21.8						12.3	24.9	4.3	982
	06-08	24.7			28.6						16.6	30.0	5.4	974
	09-11	25.3			28.7						17.6	28.4	5.3	985
	12-14	18.8			31.9						22.1	27.2	5.7	989
	15-17	18.5			34.2						22.5	24.8	5.5	986
	18-20	26.1			32.4						20.8	20.7	4.9	990
	21-23	41.7			22.0						13.4	23.0	4.2	988
TOTALS		30.1			27.4						17.1	25.4	4.9	7873

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947	MARSHALL AAF KS	65-70,74-78	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	52.5			16.0						9.6	21.9	3.5	1019
	03-05	50.3			17.7						7.3	24.7	3.7	1016
	06-08	33.0			26.5						15.2	25.4	4.7	1016
	09-11	27.0			26.4						19.3	27.3	5.3	1022
	12-14	25.4			27.8						20.5	26.2	5.3	1022
	15-17	24.6			29.5						19.7	26.1	5.3	1023
	18-20	32.1			28.0						17.3	22.6	4.7	1022
	21-23	47.8			19.9						10.8	21.5	3.7	1023
TOTALS		36.6			24.0						15.0	24.5	4.5	8163

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

SKY COVER

13947	MARSHALL AAF KS	65-70,74-78	NOV
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		
NOV	00-02	37.5			19.6						9.3	33.6	4.8	986
	03-05	37.9			17.0						10.4	34.7	4.9	987
	06-08	27.3			22.9						15.3	34.5	5.5	988
	09-11	20.7			22.1						21.1	36.0	6.2	989
	12-14	19.3			22.9						22.8	35.0	6.2	988
	15-17	17.4			23.6						24.2	34.7	6.4	990
	18-20	26.1			22.9						17.5	33.6	5.6	989
	21-23	35.6			18.8						13.0	32.6	5.0	990
TOTALS		27.7			21.2						16.7	34.3	5.6	7907

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13947	MARSHALL AAF KS	65-70,74-78	DEC
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		
DEC	00-02	38.0			17.7						10.6	33.7	4.9	1023
	03-05	40.9			17.5						8.2	33.4	4.6	1023
	06-08	25.6			24.5						14.5	35.4	5.6	1022
	09-11	19.4			21.8						19.2	39.7	6.3	1023
	12-14	16.1			25.1						17.0	41.9	6.5	1020
	15-17	18.5			25.4						18.7	37.4	6.2	1022
	18-20	27.0			23.8						13.7	35.6	5.5	1023
	21-23	33.8			18.7						11.1	36.4	5.2	1023
TOTALS		27.4			21.8						14.1	36.7	5.6	8179

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

SKY COVER

13947 | MARSHALL AAF KS | 65-71,74-79 | ALL

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	26.0			21.3						14.3	38.5	5.8	6177
FEB		26.3			22.2						14.3	37.2	5.7	7431
MAR		24.7			22.5						16.5	36.3	5.8	8171
APR		22.8			22.4						18.4	36.4	6.0	7896
MAY		20.9			26.8						20.9	31.5	5.8	8157
JUN		19.8			32.7						23.9	23.7	5.5	7902
JUL		23.0			38.0						22.5	16.6	4.8	8140
AUG		23.0			36.0						21.7	19.3	4.9	8105
SEP		30.1			27.4						17.1	25.4	4.9	7873
OCT		36.6			24.0						15.0	24.5	4.5	8163
NOV		27.7			21.2						16.7	34.3	5.6	7907
DEC		27.4			21.8						14.1	36.7	5.6	8179
TOTALS		25.7			26.4						18.0	30.0	5.4	96101

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: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding ± 1°F from directly converted values but excludes no Fahrenheit values.

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

E

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

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

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

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

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

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

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

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

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

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

DAILY TEMPERATURES

STATION _____ STATION NAME _____ YEARS 5 - 7 9

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 110							.4						.0
≥ 105						.4	2.4	1.6	.1				.4
≥ 100					.1	2.3	11.3	7.3	2.7	.1			2.4
≥ 95					.4	11.4	29.5	23.6	7.3	.1			9.4
≥ 90				.1	.4	5.5	27.2	54.7	44.5	1.8	.1		12.6
≥ 85			.2	.3	4.1	19.8	53.5	79.1	71.7	32.1	.4		27.6
≥ 80			.5	2.4	12.0	39.7	77.8	92.5	87.1	52.5	21.8	.1	44.6
≥ 75			1.4	7.7	25.1	54.5	91.7	97.5	95.8	69.1	39.1	2.3	61.7
≥ 70		.1	3.1	17.1	43.5	74.5	98.1	99.6	98.9	84.6	52.7	7.1	76.2
≥ 65		.1	7.0	25.9	59.0	86.9	99.6	100.0	100.0	93.3	66.4	21.1	85.7
≥ 60	.3	12.4	36.2	72.8	94.2	99.7				97.1	81.1	33.9	93.7
≥ 55	9.1	27.1	46.2	83.8	98.2	100.0				99.8	91.4	61.1	97.1
≥ 50	17.1	33.4	58.2	92.2	99.9					100.0	95.3	82.8	99.3
≥ 45	28.0	44.3	70.3	97.0	100.0						98.9	91.1	42.9	99.9
≥ 40	41.1	56.1	82.3	99.2							99.7	97.2	57.3	99.9
≥ 35	54.1	71.1	90.6	99.7							99.9	99.5	73.1	100.0
≥ 30	66.6	79.9	95.3	99.9							100.0	99.8	82.8	
≥ 25	76.2	89.3	98.6	100.0								99.9	92.2	
≥ 20	84.1	95.2	99.3									100.0	97.5	
≥ 15	91.1	98.3	99.9										99.0	
≥ 10	96.2	99.6											99.7	
≥ 5	99.1	100.0	100.0										99.9	
≥ 0	100.0												100.0	
MEAN														
S D														
TOTAL OBS														

USAF ETAC FORM 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION _____ STATION NAME _____ 56-79 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							.1						
[illegible]						.9	3.1	.7					
[illegible]					.4	5.7	17.9	12.6	3.5	[illegible]			
[illegible]					3.9	21.[illegible]	46.3	37.2	12.1	1.1			1[illegible]
[illegible]			.1	2.[illegible]	12.7	45.9	75.1	62.8	23.7	[illegible]			1[illegible]
[illegible]			1.4	5.9	3[illegible].1	69.7	90.6	82.6	41.4	1[illegible]	.7		[illegible]
[illegible]			2.7	16.1	[illegible]1.2	[illegible]8.[illegible]	97.[illegible]	96.2	59.6	2[illegible]	[illegible]	.1	3[illegible]
[illegible]	.1	.3	6.5	3[illegible].0	68.9	97.[illegible]	99.2	98.9	77.8	33.[illegible]	5.7	1.[illegible]	4[illegible]
[illegible]		1.1	11.4	46.7	83.3	99.6	99.7	10[illegible].0	[illegible]0.4	51.[illegible]	12.[illegible]	1.[illegible]	[illegible]
[illegible]	1.1	3.6	20.9	62.[illegible]	93.[illegible]	10[illegible].0	100.0		95.9	68.6	[illegible]1.[illegible]	3.[illegible]	[illegible]
[illegible]	4.2	11.1	35.1	[illegible]0.0	98.6				99.6	83.7	37.[illegible]	10.2	[illegible]
[illegible]	7.[illegible]	16.5	43.[illegible]	[illegible]4.6	99.6				10[illegible].0	[illegible]6.6	[illegible]7.4	1[illegible].4	67.1
[illegible]	13.[illegible]	25.2	55.3	[illegible]2.[illegible]	99.7					[illegible]4.1	[illegible].	23.6	[illegible]
[illegible]	28.[illegible]	43.6	75.2	98.[illegible]	10[illegible].0					[illegible]8.9	[illegible]0.[illegible]	[illegible]2.4	[illegible]
[illegible]	43.2	59.[illegible]	[illegible]6.3	99.4						10[illegible].[illegible]	[illegible]1.1	[illegible]3.[illegible]	[illegible]
[illegible]	55.9	7[illegible].3	[illegible]4.5	99.9							[illegible]5.5	7[illegible].7	[illegible]
[illegible]	67.[illegible]	[illegible]5.9	97.2								[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]
[illegible]	79.[illegible]	92.[illegible]	[illegible]8.6	10[illegible].0							[illegible]9.[illegible]	[illegible]3.[illegible]	[illegible]
[illegible]	[illegible]0.1	[illegible]6.[illegible]	99.[illegible]								[illegible]9.7	[illegible]6.[illegible]	[illegible]
-[illegible]	[illegible]4.[illegible]	[illegible]8.1	99.9								[illegible]9.9	[illegible]4.[illegible]	[illegible]
-1[illegible]	[illegible]5.[illegible]	[illegible]9.[illegible]	10[illegible].0								10[illegible].0	[illegible]9.7	[illegible]
-1[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]										10[illegible].0	[illegible]
-[illegible]	10[illegible].0	[illegible]9.[illegible]											[illegible]
-[illegible]		10[illegible].0											[illegible]
MEAN	1[illegible].[illegible]	[illegible]1.4	[illegible]1.2	[illegible]3.5	[illegible]4.1	[illegible]3.4	[illegible]6.5	[illegible]6.5	[illegible]7.2	[illegible]1.[illegible]	[illegible]2.2	[illegible]2.1	[illegible]3.4
S.D.	1[illegible].[illegible]	[illegible]1.4	9711.[illegible]	3641.[illegible]	[illegible].24	[illegible].15	[illegible].546	[illegible].912	9.7291	[illegible].5611	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
TOTAL OBS.	71[illegible]	[illegible]47	713	[illegible]9	711	[illegible]	711	713	[illegible]3	[illegible]	[illegible]	[illegible]	[illegible]

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION [illegible] STATION NAME [illegible] YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							.4						.
[illegible]						1.3	5.5	2.4	.1				.
[illegible]						5.5	23.6	17.8	4.1				1.4
[illegible]				.1	2.8	23.2	51.2	42.9	14.7	.6			11.5
[illegible]			.1	1.9	15.9	51.3	78.9	66.4	29.4	3.4			27.7
[illegible]			1.3	6.0	33.8	76.8	94.1	88.9	49.8	12.6	.1		45.4
[illegible]			3.2	17.2	54.0	91.0	98.3	97.3	66.7	28.2	1.7		62.7
[illegible]		1.1	9.1	35.4	73.3	98.1	100.0	100.0	84.3	44.5	5.7	.3	76.2
[illegible]	.1	2.9	16.4	51.3	88.5	100.0			94.2	58.5	12.2	1.3	87.4
[illegible]	1.1	6.3	27.3	71.2	97.0				98.8	79.4	25.7	4.2	93.4
[illegible]	4.5	15.6	42.6	86.4	99.7				100.0	92.2	44.5	10.1	96.5
[illegible]	14.6	29.2	60.3	94.5	100.0					98.3	64.4	25.4	98.2
[illegible]	26.3	45.3	75.2	98.7						99.7	81.7	44.2	99.4
[illegible]	43.4	60.5	88.4	99.7						99.9	91.9	64.4	99.9
[illegible]	57.7	74.3	94.7	99.9						100.0	95.9	77.8	99.9
[illegible]	67.5	86.7	97.1	100.0							97.8	86.7	99.9
[illegible]	77.5	91.8	98.9								99.3	93.6	99.9
[illegible]	88.2	96.6	99.3								99.7	96.9	99.9
[illegible]	95.1	99.5	99.9								99.9	99.7	99.9
[illegible]	98.7	99.8	100.0								100.0	100.0	99.9
[illegible]	99.9	100.0											100.0
[illegible]	100.0												100.0
MEAN	[illegible]	[illegible]	42.7	65.2	[illegible]	74.4	79.6	77.9	[illegible]	57.[illegible]	[illegible]	[illegible]	54.5
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]	711	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS

13947 MARSHALL AAF KS 56-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56									105	93	72	66	
57	59	65	78	79	81	97	103	101	93	84	74	62	103
58	56	70	59	79	92	97	97	100	95	89	75	60	100
59	55	64	75	88	92	97	97	102	97	79	77	66	102
60	63	58	81	88	91	103	103	102	97	88	70	58	103
61	61	67	73	88	90	96	103	100	98	82	74	69	103
62	54	69	79	83	92	91	96	105	91	88	73	72	105
63	61	71	87	86	93	97	105	105	95	100	76	66	105
64	69	59	74	87	94	97	105	101	94	84	80	65	105
65	66	66	70	94	88	93	102	100	95	92	77	66	102
66	56	62	90	82	95	104	112	99	91	86	74	65	112
67	70	75	89	85	100	90	99	90	86	86	70	62	100
68	67	60	84	82	89	101	96	98	94	88	68	59	101
69	54	52	77	79	87	95	100	102	93	89	76	59	102
70	60	75	78	90	89	96	105	106	100	83	71	67	106
71	63	67	81	86	98	103	99	97	104*	91*	78*	56	104
72	* 61*	86	87	89*	88	96*	106	99*	100*	88*	67*	64	* 106
73	* 60*	64	72	82*	92	107*	103	101*	91*	85	72	69	107
74	67	68	83	83	91	101	110	95	87	81	72	58	110
75	55	56	77	84	91	92	102	106	103	93	74	71	106
76	62	79	84	85	83	97	99	105	103	93	74	67	105
77	49	78	81	85	88	95	103	97	90	86	72	68	103
78	52	50	87	86	90	105	105	108	104	89	82	57	108
79	43	55	80	86	95	97	98	95					
MEAN	59.1	65.0	79.4	85.0	90.0	97.7	101.9	100.6	96.0	87.7	74.0	64.3	104.3
S.D.	6.901	8.231	7.089	3.699	4.141	4.487	4.316	4.218	5.590	4.977	3.324	4.451	3.194
TOTAL OBS.	710	647	713	690	711	690	711	713	688	698	688	708	8367

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AIR 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

17947 MARSHALL AAF KS 56-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56									40	34	15	9	
57	1	12	15	23	36	50	59	59	45	23	21	5	1
58	2	1	18	33	37	50	59	51	36	29	9	-1	-1
59	-20	-1	20	26	37	50	53	58	42	31	6	16	-20
60	1	-2	-3	30	35	52	53	57	45	24	14	6	-3
61	-3	1	20	22	23	50	54	49	36	26	17	-11	-11
62	-10	-3	-1	18	41	54	55	53	40	27	20	-6	-10
63	-10	8	18	27	36	56	62	54	41	29	17	-5	-10
64	-9	9	13	30	38	40	55	45	36	23	5	-3	-9
65	2	-5	8	28	40	53	55	52	37	26	5	14	-5
66	-7	0	14	25	33	52	65	54	39	21	12	-4	-7
67	-1	2	-5	20	32	50	48	47	33	30	18	-1	-5
68	-10	2	8	20	34	45	44	56	46	30	19	-7	-10
69	-1	5	2	30	38	47	59	57	43	22	16	5	-10
70	-3	4	16	16	33	49	48	51	39	27	9	13	-3
71	-14	-18	8	24	35	59	50	56	41*	41*	25*	14	-18
72	* -6*	-3	12	22*	41	49*	43	56*	33*	26*	22*	-2	* -6
73	* -6*	11	28	30*	34	50*	56	55*	39*	28	26	2	* -6
74	-11	12	18	32	40	46	56	45	35	31	23	13	-11
75	-1	2	0	7	40	45	49	54	35	26	1	2	-1
76	-9	11	14	25	27	48	56	51	35	21	-9	-11	-11
77	-16	8	12	32	47	52	52	55	46	27	13	3	-16
78	-13	-13	-7	26	35	46	59	55	43	28	22	3	-13
79	-17	-21	22	26	37	43	61	55					
MEAN	-7.4	.7	10.9	24.9	36.1	49.4	54.9	53.3	39.7	26.8	13.3	1.9	-8.2
S.D.	6.553	9.046	9.373	6.048	4.419	4.218	5.237	3.876	4.041	3.611	8.385	8.105	5.398
TOTAL OBS.	710	647	713	690	711	690	711	713	686	698	688	708	8367

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AK 64 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | JAN MONTH

 0000-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62 / 61				.5														5	5		
60 / 59		.2																2	2		
58 / 57		.1																1	1	5	
56 / 55			.2															2	2	3	3
54 / 53			.1	.1														2	2		1
52 / 51					.1													1	1	2	2
50 / 49			.1	.1	.1													3	3	1	
48 / 47			.1	.1	.2													4	4	1	3
46 / 45		.2		.3	.2													7	7	2	
44 / 43		1.6	.1	.2	.2													15	15	7	1
42 / 41		.1	.1	.4	.2													8	8	9	7
40 / 39	.1	.7	.9	.4	.1													22	22	13	6
38 / 37	1.3	1.7	.9	.8	.5													49	49	20	12
36 / 35	.2	.9	2.3	1.2	.1													44	44	29	25
34 / 33	.4	3.4	1.3	.9														58	58	34	19
32 / 31	.3	2.2	2.7	.4														62	62	16	37
30 / 29	.4	2.2	1.6	.2														44	44	53	41
28 / 27	.9	5.9	1.2															61	61	56	49
26 / 25	.6	3.8	.9															54	54	74	45
24 / 23	1.3	2.9	.7															47	47	54	57
22 / 21	1.6	1.5	1.5															46	46	52	55
20 / 19	.7	4.6	1.1															65	65	40	67
18 / 17	.7	3.4	.8															50	51	66	54
16 / 15	1.1	2.7	.7															46	47	58	52
14 / 13	1.1	2.5	.2															36	39	40	41
12 / 11	2.3	2.6																47	48	53	47
10 / 9	.3	4.9																56	58	44	77
8 / 7	1.3	3.5																47	47	61	43
6 / 5	.4	2.1																25	25	35	25
4 / 3	.3	2.0																25	25	33	36
2 / 1	.9	1.1																20	20	21	51
0 / -1	1.3	.5																20	20	16	55
-2 / -3	.6	.8																14	14	18	35
-4 / -5	.4	.4																8	8	9	30

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

13947	MARSHALL AAF KS	66-71,75-79	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0300-0200
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
-6/ -1	.5																	5	5	5	20
-4/ -9	.8																	8	8	8	14
-1/-11	.6																	6	6	6	11
-1 /-15																					6
-14/-15	.1																	1	1	1	12
-16/-17	.1																	1	1	1	8
-18/-19																					10
- /-21																					3
- 21-23																					1
TOTAL	2.6	55.8	16.7	5.3	1.7														1023		1919
																		1019		1017	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5582724	74874	73.5	13.539	1019							
Dry Bulb	537353	21746	21.5	13.098	1023	5.7	72.9					93
Wet Bulb	341995	19959	19.5	12.260	1019	5.4	81.2					93
Dew Point	334726	14748	13.8	13.700	1019	16.7	87.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JULY — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]	63				.1														1	1		
[illegible]	61			.1	.2														3	3		
[illegible]	59		.1																1	1		
[illegible]	57																				3	
[illegible]	55																					3
[illegible]	53			.1															1	1		3
[illegible]	51			.1	.1														2	2		
[illegible]	49			.1	.2														3	3	1	
[illegible]	47		.1	.2	.1	.3													7	7	2	
[illegible]	45		.2																2	2	4	2
[illegible]	43		.3		.3														6	6	3	3
[illegible]	41		.4	.1	.3	.1													9	9	5	3
[illegible]	39	.1	.4	.7	.1	.2													15	15	7	4
[illegible]	37	.3	1.3	.9	.3														26	28	14	7
[illegible]	35	.8	1.9	2.3	1.0														50	50	33	9
[illegible]	33	.5	2.3	1.8	.6														52	52	42	27
[illegible]	31	.6	2.4	2.0	.4														55	55	52	37
[illegible]	29	.8	2.4	1.9	.2														53	53	61	38
[illegible]	27	.9	4.0	1.2	.2														64	64	56	47
[illegible]	25	1.2	3.5	.7															53	53	64	61
[illegible]	23	1.1	1.4	1.0															35	35	42	35
[illegible]	21	1.1	2.4	.8															44	44	43	54
[illegible]	19	2.1	3.8	.5															65	65	55	49
[illegible]	17	.7	3.6	.2															46	46	56	73
[illegible]	15	1.4	3.8	.9															62	62	58	35
[illegible]	13	1.5	2.7	.1															44	45	56	50
[illegible]	11	1.1	3.0	.1															43	43	57	56
[illegible]	9	1.9	3.9	.1															60	60	63	62
[illegible]	7	.5	3.7																41	41	58	38
[illegible]	5	.5	3.0																36	36	42	34
[illegible]	3	.9	2.6																35	35	41	26
[illegible]	1	1.2	.9																21	21	29	51
[illegible]	-1	.9	.1																10	10	15	40
[illegible]	-3	1.3	.9																19	19	15	39

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH
PAGE 2
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-01/ -05	.2	1.0																12	12	13	24
-06/ -07	1.1	.1																11	11	14	27
-08/ -09	.6																	6	6	7	14
-10/-11	.9																	9	9	9	11
-12/-13	.4																	4	4	4	3
-14/-15	.3																	5	3	3	15
-16/-17																					13
-18/-19																					16
-20/-21																					9
-22/-23																					2
-24/-25																					1
TOTAL	23.0	56.3	15.6	4.1	.6													1021	1022	1021	1021

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5.52441	76037	74.5	12.900	1021							
Dry Bulb	581343	20389	19.9	13.195	1022	6.7	75.7					93
Wet Bulb	502689	14735	12.5	12.482	1021	7.1	82.3					93
Dew Point	370870	13562	12.8	14.134	1021	19.3	87.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH

06 00-08 LST — HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
87 83				.1														1	1		
82 81			.1	.1														2	2		
87 87																				3	
86 85																					1
87 83																					2
85 83			.3															3	3		
85 47		.2	.2															4	4		
86 45				.2														2	2	5	1
84 43		.2	.1	.3														6	5	2	1
82 41		.3	.4	.2	.1													10	10	5	4
81 39	.4	.3	.4		.2													13	13	9	9
81 37	.1	1.0	1.0	.1														22	22	15	4
79 35	.4	1.3	1.1	.6														34	34	12	8
36 35	.7	3.4	1.1	.3														56	56	47	21
32 31	.5	3.3	1.1	.4														54	54	48	45
31 29	.5	2.8	2.5	.3														52	52	63	28
28 27	.5	2.6	1.4															45	45	51	45
27 25	1.4	3.4	1.4															68	68	74	58
27 23	.4	3.5	.7															47	47	55	29
22 21	1.3	2.2	.3															38	38	58	44
21 19	2.0	4.4	.4															69	69	49	66
18 17	1.4	3.1	.6															52	53	62	64
17 15	1.7	3.2	.5															55	56	54	59
16 13	1.8	3.9																50	50	50	53
13 11	1.6	2.9																46	46	55	47
11 9	1.4	3.1	.1															47	47	48	52
9 7	.9	3.1																41	41	42	49
8 5	.6	2.1																27	28	55	24
7 3	.9	3.1																41	41	43	59
5 1	1.4	2.3																57	57	36	47
2 -1	1.4	.3																17	17	27	28
-1 -3	.5	.6																11	11	10	29
-3 -5	.6	.7																13	13	15	31
-5 -7	.7	.4																11	11	15	22

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH

PAGE 2
0830-0830 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-9/-7	1.5																	16	16	16	24
-6/-11	1.1																	11	11	11	13
-12/-13	.2																	2	2	2	5
-14/-15	.6																	6	6	5	7
-16/-17																					19
-18/-19																					19
-20/-21																					8
-22/-23																					4
-24/-25																					3
-26/-27																					1
TOTAL	25.3	59.4	13.4	2.6	.3													1019		1019	
																		1.19		1.19	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5950761	76813	75.4	12.558	1019	7.9	79.1					≠3
Dry Bulb	529869	19933	19.6	13.107	1022	7.9	79.1					≠3
Wet Bulb	463481	17609	17.3	12.505	1019	9.1	83.8					≠3
Dew Point	352513	12132	11.9	14.297	1019	20.5	88.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | JAN MONTH

 1900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 67							.1											1	1		
/66				.1														1	1		
/65				.1														1	1		
/64																				1	
/63																				1	
/62					.1													1	1	1	2
/61		.1																1	1		
/60			.1	.1	.2													4	4	1	1
/59			.4		.1													5	5		
/58		.2		.5	.2													9	9	2	
/57		.3	.3	.3	.3	.1												13	13	7	3
/56		.7	.3	.7	.4	.1												22	22	16	4
/55		.5	1.0	.8	.5													29	29	15	12
/54		.6	2.0	.7	.2													35	35	12	5
/53	.2	1.2	1.7	1.2														40	40	32	9
/52	.3	1.7	2.2	.7	.2													52	52	40	15
/51	.4	2.2	1.5	1.1	.2													55	55	51	37
/50	.4	3.0	2.1	.6														62	62	57	39
/49	.3	2.6	2.3	.4														58	58	64	49
/48	.3	3.8	2.0															67	67	73	61
/47	.5	3.8	2.1	.1														66	66	71	59
/46		2.2	1.8															53	53	61	45
/45	.1	2.3	1.1															42	42	43	28
/44	.3	3.2	1.3															48	48	41	26
/43	.6	3.6	1.5															58	58	51	34
/42	1.1	2.6	.6															43	43	64	49
/41	.2	2.2	.5															30	30	51	47
/40	.4	3.1	.6															42	42	36	43
/39	.3	3.7	.5															51	51	45	33
/38	.2	2.8																31	31	43	33
/37	.3	2.8																32	32	37	25
/36	.4	2.1																24	24	29	21
/35		1.4																19	19	16	38
/34	1.3	.5																16	16	26	45

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | JAN MONTH

PAGE 2 | 0000-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
-[illegible] / -[illegible]	.4	.5																	12	12	12	13
-[illegible] / -[illegible]	.9	.4																	4	5	9	[illegible]
-[illegible] / -[illegible]	.6	.2																	8	8	9	[illegible]
-[illegible] / -9	.5																		5	5	8	4
-[illegible] / -12																						14
-1[illegible] / -15																						6
-[illegible] / -18																						12
-[illegible] / -21																						14
-[illegible] / -24																						4
-[illegible] / -27																						1
-[illegible] / -30																						4
-[illegible] / -33																						1
TOTAL	1[illegible]955	924.4	7.0	2.5	.2	.1													1023		1023	1023

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]135355	71351	69.5	13.964	1023							
Dry Bulb	725795	23575	23.1	13.193	1023	4.5	68.5	.1				[illegible]3
Wet Bulb	[illegible]12711	21435	21.[illegible]	12.267	1023	[illegible].6	75.6					[illegible]5
Dew Point	416147	14579	14.3	14.347	1023	19.2	≥6.7					[illegible]5

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 68-71,73-79 YEARS | [illegible] MONTH

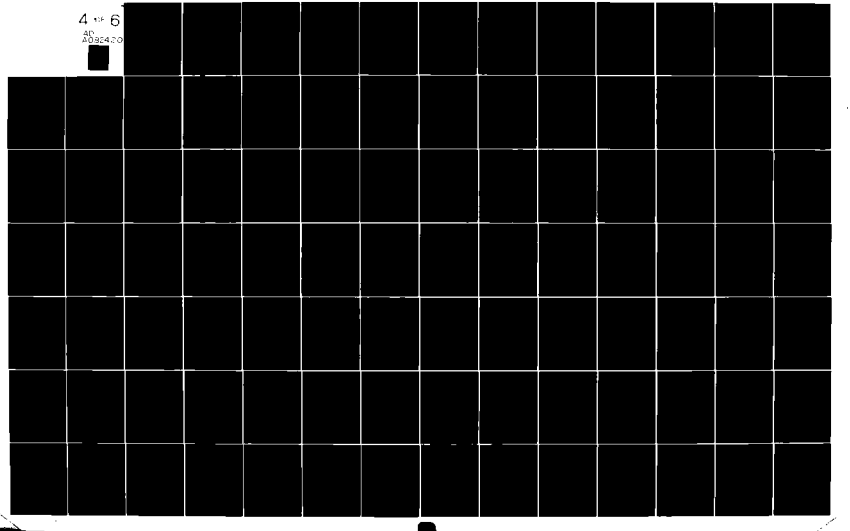
PAGE 1 | 12[illegible]-14[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]											•1							1	1		
[illegible]					•1													1	1		
[illegible]					•1													1	1		
[illegible]				•1				•1										2	2		
[illegible]							•1	•1	•1									3	3		
[illegible]						•2	•2	•1										5	5	3	
[illegible]						•2	•2	•2										7	7		
[illegible]				•2	•1	•3	•2	•1										10	10		2
[illegible]			•2	•2	•3	•3	•4											14	14		1
[illegible]			•3	•5	•5	•5	•2	•1										22	22	3	
[illegible]			•4	•4	•3	•2	•2											19	19	13	
[illegible]		•3	•1	•6	•7	•8	•2											27	27	15	1
[illegible]		•4	•6	1•1	2•2	1•1	•3											56	56	28	3
[illegible]			1•2	•9	1•4	•1												36	36	24	1
[illegible]		•1	•6	2•1	1•2	•5												44	44	21	4
[illegible]		•3	1•7	1•4	•7	•2												43	43	41	11
[illegible]		•2	1•2	2•5	•7													49	49	55	14
[illegible]	•1	1•0	1•4	2•1	•7													53	53	63	25
[illegible]	•2	•8	2•3	1•4	•1													48	48	63	32
[illegible]		3•0	1•1	1•4														56	56	72	47
[illegible]	•2	2•2	2•3	•5	•1													53	53	79	67
[illegible]	•3	2•1	2•4	•4														53	53	86	55
[illegible]	•2	1•0	1•9	•7														47	47	64	81
[illegible]	•1	1•2	1•1	•4														29	29	47	61
[illegible]	•3	•7	1•9	•6														35	35	35	47
[illegible]		3•2	2•3	•1														57	57	33	64
[illegible]		2•1	2•5															47	47	54	5
[illegible]		•4	2•6															34	34	54	37
[illegible]		1•6	1•8															34	34	72	65
[illegible]		2•3	1•1															34	34	43	5
[illegible]		1•9	•7															26	26	41	4
[illegible]		2•2	•1															23	23	26	24
[illegible]		1•5	•1															10	15	29	12
[illegible]		1•1																11	11	11	2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A082 420 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MARSHALL AAF, MANHATTAN, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
FEB 80
UNCLASSIFIED USAFETAC/DS-80/028 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
/ 1		.6																	8	8	11	53
/ -	.1																		1	1	9	41
- / -		.2																	2	2	1	28
- / -		.1																	1	1	2	18
- / -																						13
- / -																						28
- / -11																						5
- / -13																						8
- / -15																						7
- / -17																						5
- / -19																						2
- / -21																						2
TOTAL	1.5	31.6	31.8	17.7	9.6	4.7	2.2	.7	.1		.1								1021	1022	1021	1021

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3505752	50394	59.2	15.125	1021							
Dry Bulb	1111093	37617	36.8	13.730	1022	.4	52.4	.2				93
Wet Bulb	528036	26398	25.9	11.961	1021	1.1	84.3					93
Dew Point	475573	16971	16.6	13.773	1021	14.3	83.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 69										.1								1	1			
[illegible] / 67										.1								1	1			
[illegible] / 65				.1	.1			.1										3	3			
[illegible] / 63				.1			.1	.1	.2									5	6			
[illegible] / 61								.1	.3									4	4			
[illegible] / 59					.1	.1	.3	.3										8	8	3		
[illegible] / 57					.4	.1	.3	.6										14	14	1		
56 / 55			.2	.2	.3	.3	.6	.1										17	17			1
[illegible] / 53		.1	.2		.1	.4	.5	.2										15	15	1		2
[illegible] / 51			.1	.3	.1	.7	.4	.1										17	17	10		
[illegible] / 49			.4	.3	.7	.6	.5	.4										29	29	6		3
[illegible] / 47		.2	.2	.6	1.5	1.3	.4											42	42	28		2
[illegible] / 45		.1	.3	1.5	1.1	.5	.4											39	39	14		3
[illegible] / 43		.5	.6	1.6	1.5	.7	.1											50	50	30		10
[illegible] / 41		.5	.9	1.1	.6	.7												38	38	40		14
[illegible] / 39		.3	.9	1.2	.7	.4												35	35	46		7
38 / 37		.3	.9	2.3	1.1	.1												47	47	53		11
[illegible] / 35	.1	1.6	1.5	2.6	1.2	.1												72	72	65		23
34 / 33	.3	1.7	2.9	1.4	.2													56	56	59		29
[illegible] / 31		2.3	2.6	1.7														67	67	82		57
[illegible] / 29		1.6	2.1	.8														45	45	92		56
[illegible] / 27		1.1	1.1	1.3	.1													36	36	57		54
[illegible] / 25	.1	2.3	1.3	.7	.2													47	47	54		87
[illegible] / 23	.1	1.3	2.0	.5														39	39	44		53
[illegible] / 21		2.0	3.1	.3														55	55	40		55
[illegible] / 19		2.3	2.3															46	46	57		56
18 / 17	.1	1.8	2.1															40	40	58		59
16 / 15		.9	1.6															25	25	45		54
14 / 13		1.6	2.3															40	40	31		46
12 / 11		1.2	.7															19	19	29		45
[illegible] / 9		2.3	.3															27	27	54		43
[illegible] / 7		1.5	.5															19	18	31		26
[illegible] / 5		1.0	.1															11	11	14		22
[illegible] / 3		.7																7	7	14		34

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | JAN 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
≤ / 1		.4																4	4	6	43
/ -1	.1	.1																2	2	5	26
-2/ -3																				1	25
-4/ -5																					10
-6/ -7																					17
-8/ -9																					17
-10/-11																					15
-12/-13																					1
-14/-15																					7
-16/-17																					3
-18/-19																					1
-20/-21																					
TOTAL	.1	.5	29.5	29.7	18.3	9.8	5.9	3.6	2.0	.5	.2							1022		1022	
																		1022		1022	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	368750	59148	57.9	16.128	1022							
Dry Bulb	1216159	32331	31.6	13.762	1022	.2	48.3	.2				93
Wet Bulb	888392	27682	27.1	11.651	1022	.5	61.5					93
Dew Point	494613	17877	17.5	13.348	1022	11.6	83.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 61				.2														2	2		
[illegible] 59			.1		.1	.1												3	3		
[illegible] 57																				2	
56/ 55		.1	.2	.1			.1											5	5	1	1
[illegible] 53		.3																3	3	2	2
[illegible] 51			.1		.3	.1	.1											6	6	5	2
[illegible] 49			.2	.2	.1	.2												7	7	2	4
[illegible] 47		.1	.3	.4	.7	.2												17	17	2	
[illegible] 45		.3	.2	.5	1.2	.1												23	23	4	2
[illegible] 43		.8	.4	.6	.9	.2												29	29	12	2
42/ 41		.4	.5	1.3	.3	.1												26	26	20	13
[illegible] 39	.3	1.1	1.9	1.5	.8													54	54	27	3
38/ 37		1.1	1.2	1.9	.5													47	47	36	8
36/ 35		1.9	2.1	1.5	.3													58	58	55	16
34/ 33	.4	2.2	2.0	1.2														58	58	67	26
32/ 31	.4	2.3	2.8	.9	.1													67	67	75	44
30/ 29	.2	2.8	2.2	.2	.1													56	56	81	51
28/ 27	.2	3.6	2.8	.5														73	73	82	66
26/ 25	.4	5.0	1.6	.1														72	72	76	61
24/ 23	.4	2.5	1.1	.2														41	41	73	57
22/ 21	.5	2.5	1.5															46	46	55	34
[illegible] 19	.2	3.9	1.8	.2														62	62	37	56
[illegible] 17	.3	1.7	1.1															31	31	55	67
16/ 15	.2	2.3	.5															31	31	48	57
14/ 13	.2	2.7	.9															39	39	51	55
12/ 11	.3	2.8	.8															40	40	35	48
[illegible] 9	.5	2.4	.3															33	33	52	52
[illegible] 7	.3	2.8																32	32	26	24
[illegible] 5	.2	1.8																20	20	38	29
[illegible] 3		1.2																12	12	16	37
[illegible] 1		1.0																10	10	14	44
[illegible] -1	.9	.2																7	7	11	31
-2/ -3	.2	.4																6	6	7	22
-4/ -5	.3																	5	5	5	15

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																					19
-8/ -9																					21
-10/-11	.1																1	1	1		10
-12/-13																					4
-14/-15																					9
-16/-17																					3
-18/-19																					3
TOTAL	.2	50.1	26.2	11.1	5.3	1.0	.2										1022	1022		1022	
																	1022		1022		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4484070	69132	67.6	14.263	1022							
Dry Bulb	2691139	26929	26.3	12.502	1022	1.7	62.2					93
Wet Bulb	1 1623	24113	23.6	11.401	1022	2.2	71.8					93
Dew Point	457936	16954	16.6	13.155	1022	12.4	65.3					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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 61				.1														1	1		
6 / 59		.5		.1														4	4		
60 / 57																				5	
58 / 55		.2		.1														3	3	1	3
56 / 53			.3															3	3	5	1
52 / 51			.1	.1	.3													5	5	2	2
50 / 49		.1		.2	.1	.1												5	5	3	2
48 / 47			.2		.5	.1												6	6	1	3
46 / 45		.4		.2	.8													14	14	2	2
44 / 43		.7	.2	.7	.2													18	18	11	
42 / 41		1.0	.4	1.9														33	33	12	6
40 / 39	.2	.5	.6	.7	.4													24	24	21	13
38 / 37	.4	1.1	.8	1.4	.1													38	38	28	13
36 / 35	.2	1.4	1.1	1.7														44	44	41	13
34 / 33	.3	1.9	1.8	1.4														54	54	56	16
32 / 31	.7	3.5	2.2	.5														70	70	67	25
30 / 29	1.1	2.3	1.5	.2														51	51	86	53
28 / 27	.9	3.8	2.4	.2														75	75	58	80
26 / 25	.4	3.2	1.1	.3														51	51	70	52
24 / 23	.6	3.4	1.0															51	51	65	47
22 / 21	.9	3.6	1.2															58	58	53	48
20 / 19	.6	5.6	.9															72	73	52	75
18 / 17	.1	2.7	.5															34	34	69	64
16 / 15	.7	3.8	.3															49	49	54	52
14 / 13	.8	1.9	.3															30	30	37	44
12 / 11	1.1	2.9	.5															36	36	31	58
10 / 9	.7	3.8	.1															47	47	41	57
8 / 7	.8	3.3																42	42	53	32
6 / 5	.5	1.7																20	20	36	34
4 / 3	.4	1.4																22	22	23	34
2 / 1	.7	1.1																18	18	17	46
0 / -1	1.1	.5																14	14	17	29
-2 / -3	.5	.6																11	11	12	24
-4 / -5	.5	.2																5	5	7	29

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 68-71,75-79 | JAN
STATION | STATION NAME | YEARS | 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
-5/ -7	.5																	3	3	3	12
-4/ -6	.6																	6	6	6	11
-2/-11	.5																	5	5	5	9
-12/-13	.1																	1	1	1	5
-14/-15																					7
-16/-17	.1																	1	1	1	12
-18/-19																					7
-20/-21																					1
TOTAL	15.2	55.9	17.0	9.6	2.2	.2												1022	1023		1022
																		1022		1022	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	552658	73954	72.3	13.627	1022							
Dry Bulb	727763	23737	23.3	12.986	1023	4.0	70.1					93
Wet Bulb	619432	21718	21.3	12.036	1022	4.5	75.2					93
Dew Point	422823	15537	15.3	13.409	1022	13.6	86.3					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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-71,75-79 — YEARS
JAN — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 69										.0	.0							2	2			
/ 67					.0		.0			.0								3	3			
/ 65				.1	.1			.0										5	5			
/ 63				.1			.0	.0	.0									11	11			
/ 61			.0	.1			.0	.0	.0									13	13			
/ 59		.1	.0	.0	.0	.0	.1	.0										23	23	8		
/ 57		.0			.0	.0	.1	.1										22	22	15		
/ 55		.0	.1	.1	.1	.1	.1	.0										38	38	6	15	
/ 53		.1	.1	.2	.1	.1	.1	.0										44	44	6	12	
/ 51			.1	.1	.2	.2	.1	.0										57	57	21	7	
/ 49		.0	.2	.2	.2	.2	.1	.0										73	73	20	9	
/ 47		.1	.2	.3	.5	.3	.1											115	116	44	9	
/ 45		.2	.2	.5	.7	.2	.1											156	156	68	17	
/ 43		.5	.4	.6	.8	.1	.0											182	182	100	26	
/ 41		.4	.5	1.0	.4	.2												196	197	125	56	
/ 39	.1	.5	1.1	.7	.4	.1												241	241	175	68	
/ 37	.2	1.0	1.1	1.5	.4	.0												320	320	269	72	
/ 35	.3	1.4	1.7	1.4	.3	.0												417	417	342	115	
/ 33	.4	2.2	1.7	1.0	.1													437	437	395	195	
/ 31	.4	2.8	2.1	.8	.1													493	493	557	354	
/ 29	.4	2.4	2.3	.5	.1													422	422	578	375	
/ 27	.6	3.1	1.9	.4	.1													484	484	467	481	
/ 25	.8	3.4	1.3	.2	.1													458	458	571	503	
/ 23	.5	2.3	1.1	.1														321	321	439	383	
/ 21	.3	2.2	1.4	.1														364	364	379	450	
/ 19	.7	3.9	1.3	.1														484	485	364	499	
/ 17	.5	2.9	1.2															353	360	461	485	
/ 15	.7	2.5	.9															345	347	432	411	
/ 13	.6	2.4	.8															305	307	308	365	
/ 11	.3	2.5	.4															307	308	316	381	
/ 9	.7	3.3	.3															349	349	374	436	
/ 7	.4	2.9	.2															275	275	327	269	
/ 5	.1	2.0	.0															187	188	264	282	
/ 3	.4	1.8																177	177	214	255	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JAN — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 1	.5	1.2																137	137	152	573
[illegible] -1	.#	.2																87	87	124	275
-[illegible]-3	.4	.5																75	75	75	248
-[illegible]-5	.3	.3																52	52	60	183
-[illegible]-7	.4	.1																38	38	44	158
-[illegible]-9	.5																	41	41	43	157
-[illegible]-11	.4																	30	30	33	85
-13/-13	.1																	7	7	7	36
-15/-15	.1																	10	10	13	14
-16/-17	.0																	2	2	2	14
-[illegible]-19																					69
-[illegible]-21																					25
-[illegible]-23																					11
-24/-25																					5
-26/-27																					1
TOTAL	15.3	49.1	21.9	9.5	4.1	1.5	.5	.3	.1	.0	.0								8179		8169
																		8169		8169	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	40506441	561333	68.7	15.389	8169							
Dry Bulb	6398491	198477	24.3	13.909	8179	31.1	529.1	.5				744
Wet Bulb	5134559	177591	21.7	12.538	8169	36.1	598.4					744
Dew Point	3377206	121260	14.9	13.896	8169	127.6	687.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15 47 — STATION
MARSHALL AAF KS — STATION NAME
65-71,75-79 — YEARS
FEB — MONTH

PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
≥ / 67								•1										2	2		
66/ 66								•1										1	1		
≥ 4/ 65									•1									1	1		
6 4/ 61				•2				•1										3	3		
≥ / 59				•1				•1	•1									3	3		
5≥/ 57			•1	•3			•2	•2	•1									9	9		
56/ 55		•1	•2	•5		•1	•1		•1									11	11	5	
≥6/ 53			•2	•1	•1		•2											6	6	5	1
≥ 4/ 51				•2	•1	•1	•1	•1										6	5	6	5
5 1/ 4			•1	•2		•1	•1											5	5	5	1
≥ / 47			•2	•1	•5	•4												12	12	4	6
6 / 45			•9	•5	•5	•1												20	20	7	6
≥4/ 43	•2	•9	•3	•6	•1	•2												26	26	17	9
≥ / 41	•1	•1	1•3	•5	•5													22	22	17	11
5 / 39	•4	•4	1•4	1•1	•5													34	34	31	12
≥ / 37	•2	1•0	1•7	•3	•5	•2												37	37	28	12
3 / 35	•3	2•2	2•9	•3	•3													55	55	35	14
3 / 33	•9	2•3	1•5	1•3														47	47	41	26
≥ / 31	•5	2•2	2•6	•2														53	53	62	37
2 / 29	•4	3•0	3•5	•2														67	67	47	44
≥ / 27	•3	4•5	2•7	•5														73	73	76	52
2 / 25	•4	6•1	1•1															71	71	81	52
2 / 23	•3	4•2	•9															52	52	83	62
2 / 21	•4	2•2	1•5															43	43	47	63
2 / 19	•5	5•7	1•8															56	56	39	24
2 / 17	•2	3•7	•5															43	43	21	7
2 / 15	•3	3•1	•3															39	39	61	23
14/ 13	•1	2•7	•2															28	28	27	39
1 / 11	•4	2•2	•1															25	25	30	40
1 / 9	•5	1•4																22	22	25	42
1 / 7	•5	•9																11	11	21	32
1 / 5	•1	•8																8	8	15	28
1 / 3	•2	•3																5	5	5	21
1 / 1	•4	1•3																13	13	11	33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	65-71,73-79	FEB
STATION	STATION NAME	YEARS	MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ -1	.1																	1	1	4	2
-/ -3	.3	.1																3	3	3	3
-/ -5	.4																	4	4	4	5
-/ -7																					4
-/ -9	.6																	6	6	6	5
-/ -11	.3																	3	3	3	4
-1./-13	.1																	1	1	1	3
-1./-15	.2																	2	2	2	4
-1./-17	.2																	2	2	2	4
-1./-19	.1																	1	1	1	3
-/-21																					2
-2./-23																					2
-2./-25																					4
-/-29																					1
TOTAL	1	.7	.4	.9	.2	.5	.3	.2	1.	.1	.0	.1	.0	.0	.0	.0	.0	930		930	93.
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4160218	65436	70.9	14.873	93							
Dry Bulb	47855	25261	27.2	13.173	93	2.1	56.9	.2				24
Wet Bulb	58275	22345	24.0	11.743	93	2.3	63.8					24
Dew Point	463762	17768	19.4	12.737	93	6.5	75.8					24

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 | MARSHALL AAF KS | 66-71,75-79 | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0600
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ / 69									.2									2	2		
/ / 67								.1										1	1		
/ / 57				.2														2	2		
/ / 55		.1		.2														3	3		
/ / 53		.2	.1	.3				.1										7	7	0	
/ / 51			.1	.3			.1	.2										8	8	4	3
/ / 49		.1	.3	.3		.5	.1	.1										12	12	1	
/ / 47		.2		.3	.2	.3												9	9	2	1
/ / 45		.2		.4	.2	.3												11	11	3	6
/ / 43		.2	.3	.4	.3													12	12	7	4
/ / 41	.2	.3	1.2	1.4	.2													31	31	7	8
/ / 39	.4	.6	.9	.2	.3													28	28	24	13
/ / 37	.1	.3	1.5	1.1	.3													33	33	34	7
/ / 35	.3	1.5	2.3	.3	.4													46	46	31	17
33 / 33	.9	2.7	1.5	.9														34	34	53	19
/ / 31	.5	2.4	2.9	.8	.1													62	62	55	37
/ / 29	.5	2.7	2.3	.1														52	52	54	39
/ / 27	1.1	4.1	1.4	.5														66	66	75	61
/ / 25	.9	5.8	1.2	.1														74	74	65	53
/ / 23	.4	4.8	.9															62	62	71	57
21 / 21	1.2	3.4	1.3															52	52	69	65
/ / 19	.7	4.9	.9															62	62	44	66
/ / 17	.5	2.9	.5															37	37	55	73
/ / 15	.8	3.4	.4															43	43	44	67
/ / 13	.6	2.6	.1															31	31	37	47
/ / 11	1.5	1.6	.1															31	31	43	43
/ / 9	.6	2.6																31	31	26	36
/ / 7	.2	1.5																16	16	25	51
/ / 5		1.7																9	9	16	29
/ / 3	.3	.5																8	8	10	14
/ / 1	.3	.4																7	7	8	24
/ / -1	.4	.3																9	9	7	21
/ / -3	.4	.1																6	6	8	15
/ / -5	.1																	1	1	1	14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
FEB — MONTH

PAGE 1 — 0300-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible] / -7	.2																	2	2	2	2
-[illegible] / -9	1.																	4	4	4	4
-8 / -11	.5																	5	5	5	5
-12 / -13																					
-10 / -15	.2																	2	2	2	2
-16 / -17	.5																	5	5	5	5
-18 / -19	.5																	5	5	5	5
-20 / -21																					
-22 / -23																					
-24 / -25																					
-26 / -27																					
-28 / -29																					
TOTAL	19.2	52.	31	9.2	3.4	1.	.9	.8	.5	.2								993		993	
																		993		994	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5106576	67616	72.7	14.321	930							
Dry Bulb	747916	23430	25.2	13.26	930	7.4	69.5	.3				24
Wet Bulb	622276	21377	23.0	11.794	930	.4	67.3					24
Dew Point	430564	15754	17.2	12.935	930	-.9	76.9					24

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
FEB — MONTH

PAGE 1
1630-0830 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
[illegible] / 67									.1									1	1		
[illegible] / 65								.1										1	1		
[illegible] / 59						.1												1	1		
59 / 55		.1		.3														4	4		
[illegible] / 53		.2																2	2		
[illegible] / 51							.2											2	2		.3
[illegible] / 49			.1				.1	.1										3	3	.	
[illegible] / 47			.3		.1	.1	.2	.1										4	4	.	
[illegible] / 45		.2		.4	.6	.2												14	14	1	4
[illegible] / 43		.3	.5	.4	.2	.1												15	15	4	
[illegible] / 41	.1	1.2	.6	.8	.1													26	26	9	5
[illegible] / 39	.2	.4	1.2	1.5	.1	.1												33	33	25	14
[illegible] / 37	.5	.3	1.7	.9	.2													34	34	42	1[illegible]
[illegible] / 35		1.2	.8	.5														29	29	23	11
[illegible] / 33	.6	3.1	1.1	.2														46	46	63	1[illegible]
[illegible] / 31	.3	3.5	2.3	.5														56	56	53	43
[illegible] / 29	.6	2.6	1.8	.2														49	49	57	45
[illegible] / 27	1.[illegible]	4.9	1.5															68	68	5[illegible]	3[illegible]
[illegible] / 25	1.[illegible]	5.7	1.4	.3														76	79	[illegible]0	[illegible]4
[illegible] / 23	.8	4.0	.6															51	51	66	57
[illegible] / 21	1.3	4.6	.6															61	61	65	09
[illegible] / 19	1.5	3.6	.8	.1														55	55	67	05
[illegible] / 17	.9	3.5	.9															48	48	54	62
[illegible] / 15	.8	3.9	.1															41	41	43	72
[illegible] / 13	.6	2.4	.6															34	34	38	47
1 / 11	1.6	2.4																37	37	46	34
[illegible] / [illegible]	.9	2.3																28	26	55	41
[illegible] / 7	.4	1.8																13	13	21	3[illegible]
[illegible] / [illegible]	.4	1.2																15	15	18	24
[illegible] / [illegible]	.2	.6																8	8	1[illegible]	29
[illegible] / 1	.1	1.[illegible]																[illegible]	[illegible]	[illegible]	19
[illegible] / -1	.5																	5	5	8	21
-[illegible] / -3	.5	.2																7	7	5	15
-[illegible] / -5	.3	.4																7	7	5	16

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 | MARSHALL AAF KS | 68-71,73-79 | FEB
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-7	.6																	6	6	17	17
-[illegible]/-5	.3																	3	3	3	5
-[illegible]/-11	.6																	6	6	6	5
-[illegible]/-13	.2																	2	2	2	4
-[illegible]/-15	.6																	6	6	5	7
-[illegible]/-17	.1																	1	1	1	2
-[illegible]/-19	.1																	1	1	1	7
-[illegible]/-21	.1																	1	1	1	5
-[illegible]/-23																					5
-[illegible]/-25																					3
-[illegible]/-27																					1
-[illegible]/-33																					1
TOTAL	17.7	55.3	17.7	6.5	1.4	.6	.5	.3	.1									927	929	927	927

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5226034	68412	73.8	13.856	927							
Dry Bulb	6242?8	22222	23.?	12.829	929	4.1	64.8	.1				64
Wet Bulb	575242	21352	22.?	11.776	927	4.3	68.7					84
Dew Point	488077	15164	16.4	13.146	927	9.9	78.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
FEB — MONTH

1900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] 67									.5									5	5			
[illegible] 65				.1			.1			.1								3	3			
[illegible] 61			.1				.5		.1	.1								6	6			
[illegible] 59				.5		.1	.3			.1								8	9			
[illegible] 57		.1		.2			.5	.1	.1									8	8	2		
[illegible] 55			.2		.1	.1	.2	.1										7	7	1		
[illegible] 53					.1		.2											3	3	6	5	
[illegible] 51		.1		.1	.3	.3	.5	.1										14	14	5		
[illegible] 49			.1	.2	.4	.5	.4											16	16	5	2	
[illegible] 47		.3	.3	.3	.6	.9												23	23	5	6	
[illegible] 45		.5	.3	1.3	1.2													31	31	16	2	
[illegible] 43	.1	.4	.8	.9	1.1	.4												33	33	19	3	
[illegible] 41		1.2	1.7	1.8	1.3	.1												47	47	23	7	
[illegible] 39	.1	.2	2.1	1.7	.6	.2												46	46	31	16	
[illegible] 37	.4	1.3	1.7	1.9	.2													52	52	47	21	
[illegible] 35	.3	1.9	1.2	1.9	.2													52	52	56	13	
[illegible] 33	.4	2.5	2.9	.9	.3													65	65	76	38	
[illegible] 31	.2	2.3	2.4	.5	.2													52	52	55	65	
[illegible] 29		1.5	2.8	.5	.3													48	48	73	42	
[illegible] 27	.6	5.4	2.6	.4														68	68	91	59	
[illegible] 25	.4	3.4	1.5	.2	.1													53	55	68	54	
[illegible] 23	.2	2.4	1.7	.4														44	44	60	55	
[illegible] 21	.1	2.6	1.6	.3														43	43	44	81	
[illegible] 19	.2	2.2	1.1	.3														35	35	35	66	
[illegible] 17	.1	2.9	1.1	.2														40	40	44	44	
[illegible] 15	.1	1.7	.5															22	22	45	41	
[illegible] 13	.1	2.4	.3															26	26	21	38	
[illegible] 11	.5	1.4	.2															18	18	29	49	
[illegible] 9	.3	1.4																16	15	19	29	
[illegible] 7	.1	1.1																13	13	13	23	
[illegible] 5	.2	.4																6	6	14	24	
[illegible] 3		.9																8	9	5	19	
[illegible] 1		.6																5	6	9	29	
[illegible] -1	.3	.3																6	6	4	15	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 66-71,75-79 | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0900-1130
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-3/ -5	.2	.3																5	5	7	14
-4/ -5	.2	.1																4	4	4	15
-6/ -7																				2	17
-8/ -9	.3																	3	3	3	11
-10/-11																					7
-12/-13																					4
-14/-15																					3
-16/-17																					5
-18/-19																					1
-20/-21																					
TOTAL	5.7	39.8	26.7	14.1	6.8	2.7	2.5	.3	.5	.3								930			930
																		930		93.1	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4235930	65938	65.5	16.173	930							
Dry Bulb	1116896	29202	31.3	13.192	930	1.6	46.3	.3				94
Wet Bulb	789671	24537	26.9	11.413	930	1.7	35.6					94
Dew Point	496209	17959	19.3	12.652	930	7.5	74.1					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AWS A4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
FEB — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75													.2					2	2		
74/ 73												.3						3	3		
72/ 71									.1		.2							3	3		
70/ 69							.2	.1	.2	.1	.2	.1						9	9		
68/ 67						.1		.1	.3	.2	.3	.1						11	11		
66/ 65					.2	.1	.1	.3	.2	.1	.1							11	11		
64/ 63				.1				.3	.2	.1								12	12		
62/ 61					.2		.2	.3	.3	.2	.1							16	16		
60/ 59							.2	.4	.4									10	13	2	
58/ 57				.1	.1	.1	.4	1.1	.3									20	20	5	
56/ 55				.2	.3	.5	.9	.6	.1									25	25	6	
54/ 53			.1	.1	.4	.6	1.3	.6	.3									33	33	10	3
52/ 51			.3	.1	.3	1.6	.5	.2										34	34	13	1
50/ 49		.1	.3	.1	1.1	1.4	.6	.2										36	36	20	4
48/ 47		.2	.3	.2	1.1	1.5	.3											33	33	24	5
46/ 45		.1	.2	1.1	1.5	1.6	.3											45	45	33	6
44/ 43		.3		1.3	1.6	.4	.2											36	36	49	5
42/ 41		.4	.4	1.1	1.7	.4												38	38	55	8
40/ 39	.2	.8	.6	.8	1.1	.5	.2											39	40	43	16
38/ 37	.1	2.3	1.1	2.3	.9	.3												64	64	76	22
36/ 35		1.5	1.2	1.3	.8	.4												47	47	63	25
34/ 33	.1	.8	1.6	1.2	.2	.2												38	38	61	48
32/ 31	.1	1.3	1.8	1.5	.6	.1												51	51	57	52
30/ 29	.3	1.2	1.6	1.6	.4													46	48	52	56
28/ 27	.9	1.8	2.6	1.1	.1													57	57	53	70
26/ 25		1.6	1.8	1.0	.1													42	42	54	77
24/ 23		.4	.6	.6	.1													17	17	52	67
22/ 21		1.2	1.3	.3														26	26	38	61
20/ 19	.1	2.0	1.4	.1														39	40	24	54
18/ 17		1.2	1.4	.1														25	25	47	47
16/ 15	.1	.9	.9															17	17	21	44
14/ 13		.6	.5															11	11	24	44
12/ 11		1.0	.1															10	10	11	43
10/ 9		1.0	.4															13	13	12	29

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-/ 7		.2																2	2	12	21
6/ 5																				4	19
4/ 3		.1																1	1		21
2/ 1		.2																2	2	1	17
0/ -1																				2	16
-2/ -3																					13
-4/ -5																					6
-6/ -7																					10
-8/ -9																					4
-10/-11																					3
-12/-13																					4
-14/-15																					1
-16/-17																					1
TOTAL	1.6	21.8	20.8	16.3	13.6	10.2	5.6	5.0	2.6	.8	1.0	.5	.2					926	928	926	926

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2 90614	49628	53.8	18.465	926							
Dry Bulb	1 15271	35 49	37.8	14.374	928		22.4	2.5	.5			34
Wet Bulb	1 41427	29297	31.6	11.127	926	.2	42.5					84
Dew Point	533224	19312	20.9	12.102	926	5.3	71.2					34

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
FEB — MONTH

PAGE 1
1500-1730 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 79														.1				1	1		
77											.1		.2	.2				5	5		
75										.2		.2	.1					5	5		
73									.2	.1		.9						11	11		
71							.1	.2	.2	.1	.3	.1	.4					14	14		
69					.1		.2	.1		.1		.1						6	6		
67									.1	.2	.1	.1						5	5		
65								.1	.5	.4	.1							13	13		
63				.1				.4	.5	.4								14	14		
61								.2	.3	.3								8	8	1	
59				.1	.2	.5	.2	.6	.4	.5								25	25	4	
57		.1	.1	.2	.1	.2	.8	1.0	.1									24	24	11	
55				.1	.1	.4	.8	1.2	.6									30	33	3	1
53				.2	.3	.6	1.1	.3	.4									27	27	14	2
51			.2	.3	.4	1.5	1.2	1.1										48	48	17	3
[illegible]		.1	.3	.4	.6	1.3	.9	.2										35	35	22	4
47				.3	.5	2.3	1.1	.1										39	39	33	3
45		.1	.3	1.0	.4	1.0	.8											37	37	35	4
43		.3	.4	1.2	.6	.6	.2											32	32	43	5
41		.4	.4	1.7	1.1	.4	.2											40	40	55	12
39	.3	.8	1.2	.9	.8	.6	.3											44	44	55	12
37		1.4	.6	2.2	.8	.6												52	52	67	14
35		1.2	.9	.6	.9	.5	.1											39	39	61	33
33		1.1	1.8	1.0	.8	.4												46	46	48	31
31	.1	1.0	2.3	2.3	.5													64	64	52	68
29		2.0	1.5	.8	.4													44	45	51	62
27	.3	1.2	2.3	1.5	.5													55	55	71	64
25		.5	1.1	1.1	.2													25	25	59	69
23		1.3	1.5	.4	.2													29	29	51	44
21		1.0	1.3	.1														22	22	36	66
19		1.2	1.3															26	26	29	72
17	.1	1.4	2.0	.2														35	35	35	56
15		.6	.5															11	11	24	37
13		.5	.1															6	6	26	43

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47	MARSHALL AAF KS	66-71,75-79	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
11/ 11		.2	.1															3	3	0	48
1/ 2		.5	.1															6	6	2	39
1/ 7		.1																1	1	1	23
6/ 5		.1																1	1	1	30
4/ 1																				1	25
1/ 1																					21
1/ -1																					11
-2/ -3																					6
-3/ -5																					3
-5/ -7																					4
-7/ -9																					11
-9/-11																					5
-11/-13																					1
TOTAL	.9	17.6	20.6	16.5	10.8	11.2	7.5	5.6	3.5	2.5	.6	1.4	.8	.5					929		928
																		928		928	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2755828	47170	50.8	19.657	928							
Dry Bulb	1689620	37156	40.0	19.810	929		29.7	4.2	2.0			84
Wet Bulb	1117436	33562	32.9	10.939	928		40.6					84
Dew Point	2405714	19547	21.1	11.800	928	3.7	72.3					84

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
56-71,75-79 — YEARS
FEB — MONTH

PAGE 1
1800-2060 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] 73										.1			.1					2	2		
[illegible] 71								.2										2	2		
[illegible] 69								.1		.1		.1						3	3		
[illegible] 67					.1	.2	.1	.1		.2	.2							9	9		
[illegible] 65					.1	.1	.2			.2	.1							7	7		
[illegible] 63				.1					.1	.3	.1							6	6		
[illegible] 61							.1	.3	.3	.2								9	9		
[illegible] 59						.1	.1		.6									8	8	1	
58/ 57		.1		.1	.1	.1	.1	.3	.3									11	11	3	
56/ 55			.3			.3	.4	.1										11	11	3	1
54/ 53			.1	.2	.1	.2	.6	.2										14	14	3	3
[illegible] 51			.2		.5	.6	.2	.2										18	18	6	1
50/ 49			.6	.5	.4	.4	.4											23	23	11	4
48/ 47		.3	.3	.4	1.4	.6	.3	.2										34	34	16	3
46/ 45			.2	.9	1.6	.9	.3											36	36	25	5
44/ 43		.4	.9	.5	1.3	.4	.1											34	34	31	9
42/ 41		.3	.5	1.8	1.1	.3	.1											39	34	32	15
40/ 39	.3	.4	1.9	1.6	1.5	.3												57	57	58	9
38/ 37		1.5	1.5	1.9	1.1													56	56	55	16
36/ 35		2.8	2.4	2.3	.6		.1											74	74	73	18
34/ 33	.1	1.4	1.7	1.3	.3	.2												47	47	73	34
32/ 31	.6	1.1	2.2	1.1	.1	.1												48	48	72	60
30/ 29	.4	2.3	3.2	.9	.2													65	66	67	64
28/ 27	.2	3.2	1.8	1.2	.2													62	62	64	60
26/ 25	.1	2.2	1.5	1.0	.1													45	45	63	77
24/ 23		1.0	1.2	.9														28	28	46	49
22/ 21	.3	1.9	2.3	.5														47	47	43	65
[illegible] 19	.2	2.6	1.1	.2														38	38	43	71
18/ 17		2.5	1.2	.1														35	35	56	50
16/ 15		1.8	.2															19	19	35	34
14/ 13		1.5	.1															15	15	25	36
12/ 11		.9	.1															9	9	14	47
[illegible]		.4																4	4	11	43
[illegible]		.4																4	4	5	52

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
FEB — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1 / -3		.3																3	3	5	22
-4 / -6		.3																3	3	3	13
-7 / -9		.3																3	3	3	4
-10 / -12																				2	9
-13 / -15																					7
-16 / -18																					4
-19 / -21	.1																	1	1	1	5
-22 / -24																					11
-25 / -27																					4
TOTAL	2.2	36.0	25.7	17.3	11.0	5.1	3.5	1.8	1.4	1.2	.4	.1	.1						930		929
																		929		929	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3346176	55706	60.0	18.154	929							
Dry Bulb	1358424	31976	34.4	13.782	930	.1	38.9	1.4	.2			64
Wet Bulb	917799	27595	29.6	10.554	929	.3	55.1					64
Dew Point	519898	19130	20.6	11.798	929	3.9	73.6					64

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

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,73-75 YEARS | FEB MONTH

PAGE 1 | 2100-2500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]									•3									2	2		
[illegible]						•2		•1										3	3		
[illegible]					•1													1	1		
[illegible]				•3	•1			•3	•2									8	8		
[illegible]						•1		•3	•3									7	7		
[illegible]				•2				•4	•1									6	6	2	
59/ 55			•3	•3	•2		•2	•1	•2									15	15	6	
54/ 53			•1		•1	•2		•1										5	5	4	2
52/ 51			•1	•2	•4	•1												8	8	6	2
50/ 49			•2	•1	•3	•1												7	7	7	4
48/ 47			•6	•2	•2	•6												16	16	6	5
46/ 45		•5	•8	•5	•5													24	24	13	7
44/ 43		•3	•3	1•3	•2	•2	•3											26	26	26	7
42/ 41			1•9	•9	•5	•7												24	24	15	12
40/ 39	•5	•5	2•4	1•1	•5													42	42	24	16
38/ 37	•5	1•2	1•3	1•3	•6	•3												47	47	38	6
36/ 35	•2	2•3	•5	1•4	•4													45	45	32	19
34/ 33	•1	3•7	3•3	1•7	•3													85	85	58	31
32/ 31	•8	1•5	3•7	1•3														64	64	62	21
30/ 29	•2	3•9	2•5	•5														60	60	43	47
28/ 27	•9	5•7	2•5	•5														86	86	57	47
26/ 25	•5	2•8	1•5	•2														45	45	89	75
24/ 23		1•3	1•6	•2														29	29	45	48
22/ 21	•5	3•0	•9	•1														42	42	42	71
20/ 19	•3	3•7	2•1	•2														58	58	47	98
18/ 17	•3	3•1	1•3															44	44	47	42
16/ 15	•3	2•4	•6															33	33	49	55
14/ 13	•1	2•6	•1															26	26	51	45
12/ 11	•3	1•5																17	17	51	52
10/ 9	•5	1•1																13	13	25	47
8/ 7		•4																4	4	3	22
6/ 5	•4	•2																6	6	8	56
4/ 3		•1																1	1	2	34
2/ 1	•1	•8																5	8	1	25

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15-47 | MARSHALL AAF AS | 66-71,75-79 | FEB
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
/ -1	.5	.1																4	4	4	3
- / -3	.2	.2																4	4	5	6
-2/ -5	.1																	1	1	1	1
-6/ -7																					1
-8/ -9	.4																	4	4	4	5
-10/-11	.1																	1	1	1	1
-12/-13																					2
-14/-15																					2
-16/-17																					2
-18/-19																					1
-20/-21																					1
TOTAL	.242	.027	.412	.5	.4	.2		.1	.2	.1								250		250	249

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	446416	27724	67.4	15.284	931							
Dry Bulb	71282	27572	29.8	12.618	931	1.3	50.2	.5				250
Wet Bulb	63495	24651	26.5	11.256	931	1.4	62.3					4
Dew Point	46743	16143	17.5	11.256	931	4.2	74.7					84

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

USAF AIR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13 47 MARSHALL AAF KS 66-71, 75-79 12
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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
[illegible]														.1				1	1		
[illegible]											.1		.1	.1				5	5		
[illegible]										.1		.1	.1					7	7		
[illegible]									.1	.1		.1	.1					16	16		
[illegible]							.1	.1	.1	.1	.1	.1	.1					21	21		
[illegible]					.1		.1	.1	.1	.1	.1	.1						25	25		
[illegible]					.1	.1	.1	.1	.1	.1	.1	.1						35	35		
[illegible]					.1	.1	.1	.1	.1	.1	.1							33	33		
[illegible]				.1	.1		.1	.2	.1	.1	.1							37	37		
[illegible]			.1	.1	.1		.1	.1	.2	.1	.1							51	51	1	
[illegible]				.1	.1	.1	.1	.2	.2	.1								62	62	1	
[illegible]		.1	.1	.2	.1	.1	.2	.4	.1									80	80	[illegible]	
[illegible]		.2	.1	.2	.1	.2	.3	.3	.1									126	126	22	2
[illegible]		.1	.1	.1	.1	.2	.4	.2	.1									97	97	31	14
[illegible]		.1	.1	.2	.4	.5	.4	.2										138	138	59	16
[illegible]		.1	.3	.2	.4	.5	.3	.1										157	157	75	[illegible]
[illegible]		.1	.3	.2	.5	.8	.2	.1										177	177	95	38
[illegible]		.2	.3	.2	.3	.5	.2											218	218	134	65
[illegible]	.1	.4	.5	.5	.7	.3	.1											214	214	215	94
[illegible]	.1	.5	.8	1.5	.5	.2	.1											267	267	211	68
[illegible]	.2	.5	1.5	1.1	.7	.2	.1											327	324	299	117
[illegible]	.2	1.2	1.4	1.5	.6	.2												375	375	377	137
[illegible]	.1	1.9	1.5	1.1	.4	.1	.1											387	387	496	147
[illegible]	.2	2.2	1.9	1.3	.2	.1												430	433	504	236
[illegible]	.4	1.9	2.6	1.4	.2	.1												460	460	488	436
[illegible]	.3	2.4	2.4	.5	.2													439	441	481	569
[illegible]	.5	3.6	2.1	.7	.1													535	535	532	463
[illegible]	.4	3.5	1.5	.5	.1													453	454	575	538
[illegible]	.2	2.4	1.1	.3	.3													500	500	479	444
[illegible]	.2	2.5	1.3	.2														336	336	586	539
[illegible]	.2	3.1	1.3	.1	.1													359	370	321	576
[illegible]	.3	2.6	1.1	.1														307	307	385	454
[illegible]	.3	2.2	.5															224	225	322	413
[illegible]	.2	1.9	.3															177	177	227	354

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
[illegible]-71,75-79 — YEARS
[illegible] — MONTH
PAGE 2
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	.5	1.4	.1															[illegible]	[illegible]	2.3	3.2
[illegible]	.5	1.4	.1															135	135	135	5.4
[illegible]	.1	.7																61	61	1.2	2.4
[illegible]	.1	.5																45	45	[illegible]	4.2
[illegible]	.1	.4																34	34	36	19.3
[illegible]	.1	.5																40	40	41	2.4
[illegible]	.2	.1																25	25	31	1.5
[illegible]	.2	.1																25	25	28	0.2
[illegible]	.2	.1																17	17	15	0.6
[illegible]	.1																	9	9	14	6.2
[illegible]	.3																	25	25	25	5.8
[illegible]	.2																	13	13	13	4.4
[illegible]	.1																	3	3	3	1.9
[illegible]	.1																	10	10	10	1.9
[illegible]	.1																	6	6	5	1.3
[illegible]	.1																	5	5	5	0.2
[illegible]	.1																	1	1	2	1.1
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					2
[illegible]																					1
TOTAL	.838	.523	.017	.4	6.5	4.3	2.5	2.0	1.3	.6	.5	.5	.1	.1				7436			7437
																		7436		7432	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33312192	478330	64.4	18.411	7433							
Dry Bulb	3731502	23 968	31.1	14.474	7437	1.6	379.5	9.5	2.5			672
Wet Bulb	3514531	2 1519	27.1	11.982	7437	13.7	449.4					57[illegible]
Dew Point	3284176	1422403	19.1	12.552	7437	49.8	547.4					672

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

13947 MARSHALL AAF KS 65-71,75-79 APR
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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
76/ 79								.1										1	1		
74/ 73							.1											2	2		
72/ 69				.3														3	3		
70/ 67			.1			.2	.1											4	4		
68/ 65			.2		.2	.4	.2			.2								12	12	2	
66/ 63			.1	.2	.6	.4	.3	.5	.1									20	20	4	
64/ 61			.4		.5	.1												8	8	5	5
62/ 59		.2	.6	.4	.2		.1	.2										17	17	4	1
60/ 57		.2	.5	.5	.6	.2	.5	.4	.2									29	29	14	2
58/ 55			.2	.4	.5	.4	.5	.5										23	23	23	8
56/ 53		.2	.3	.6	1.4	.4	.7											36	36	18	11
54/ 51		.2	1.4	.7	.5	.6	.5	.1										38	38	14	7
52/ 49		.2	1.5	.6	.5	.6												32	32	17	23
50/ 47	.1	.1	.9	.8	.4	.4	.1											28	28	41	11
48/ 45	.3	.8	1.3	1.2	.9	.1												46	46	31	21
46/ 43	.2	.2	1.5	.8	1.6	.2												45	45	41	33
44/ 41	.2	.5	1.9	1.1	.5													42	42	52	26
42/ 39		2.7	1.9	1.3	.2													62	62	57	51
40/ 37		1.3	1.6	2.4	.2	.1												57	57	82	52
38/ 35	.1	2.2	1.6	1.2	.7													60	60	59	47
36/ 33	.2	2.3	2.7	1.4														67	67	68	59
34/ 31	.5	3.5	3.3	1.6														89	89	65	58
32/ 29	.6	2.5	2.9	1.1														73	73	95	59
30/ 27	.5	2.8	1.4	.7	.1													56	56	79	74
28/ 25	.1	2.3	.9															32	32	65	61
26/ 23	.2	2.2	1.4	.1														39	39	45	42
24/ 21	.3	1.4	.9	.2														27	27	42	72
22/ 19	.3	1.3	.6															24	24	32	70
20/ 17	.1	.9	.4															14	14	24	44
18/ 15		1.0																10	10	17	45
16/ 13		.9																9	9	10	21
14/ 11	.1	.1																2	2	6	26
12/ 9	.4	.2																6	6	7	33
10/ 7	.1																	1	1	1	20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	66-71,75-79	MAR
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
[illegible]																					[illegible]
[illegible]	.5																	5	5	5	4
[illegible]		.1																1	1		6
[illegible]																				1	5
-[illegible]	.5																	3	3	3	
-[illegible]																					2
-[illegible]																					1
-[illegible]																					1
TOTAL	.5	.1																1021	1021		1021
																		1021		1021	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4[illegible]52047	69033	67.6	16.105	1021							
Dry Bulb	1432711	38859	37.9	12.869	1021	.5	35.4	.9	.5			[illegible]3
Wet Bulb	1[illegible]94342	34530	33.8	11.138	1021	.4	45.1					[illegible]8
Dew Point	[illegible]9728	27550	27.3	12.129	1021	.5	63.3					63

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAR — MONTH

PAGE 1
[illegible]-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
[illegible]							.1											1	1		
[illegible]							.2											2	2		
[illegible]				.2														2	2		
[illegible]			.3	.1														4	4		
[illegible]							.2											2	2		
[illegible]			.1	.3	.6	.1	.1	.1	.1									8	8	5	
[illegible]		.3	.9	.2	.1		.1	.1										14	14	2	4
[illegible]		1.0	.5	.1	.1	.4	.3											17	17	5	1
[illegible]		.2	.6	.4	.2	.2	.1											24	24	6	2
[illegible]			.5	.6	.3	.8	.3											17	17	28	10
[illegible]		.3	.6	.4	.9	.4												25	25	14	16
[illegible]		.5	.4	.6		.6	.1	.2										26	26	12	13
[illegible]		.4	1.7	.7	.6	.2	.1											24	24	15	14
[illegible]		.7	1.5	1.1	.5	.1	.1											37	37	25	15
[illegible]	.3	.6	1.4	1.1	1.1													39	39	29	17
[illegible]	.3	.7	1.1	.6	.5													45	45	33	21
[illegible]	.1	1.4	3.1	.8	.7													32	32	56	17
[illegible]	.5	1.8	1.3	1.2	.3													62	62	40	40
[illegible]	.4	2.8	2.5	.7	.3	.1	.1											49	49	56	34
[illegible]	.4	2.2	2.3	1.1	.3													71	71	73	43
[illegible]	.4	4.9	2.1	.5	.1													63	63	81	47
[illegible]	.4	2.4	3.6	.9														80	80	81	62
[illegible]	.9	3.9	2.6	.5														75	75	60	76
[illegible]	.5	3.3	1.6	.2														81	81	72	77
[illegible]	.1	1.5	.9															52	52	100	79
[illegible]	.4	1.6	.7	.1														25	25	48	56
[illegible]	.5	2.7	.6															54	54	41	69
[illegible]	.6	1.5	.4															40	40	37	77
[illegible]	.1	1.1	.1															25	25	40	45
[illegible]		1.0																13	13	22	46
[illegible]	.1	.7																10	10	9	29
[illegible]	.1	.2																8	8	13	46
[illegible]	.1	.1																3	3	5	15

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
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

13967	MARSHALL AAF KS	65-71,75-79	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 [illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]																					17
[illegible]																					15
1 / 2	.3																	5	3	5	4
0 / -1	.2																	2	2	2	2
-2 / -3	.2																	2	2	2	3
-4 / -5	.3																	3	3	3	1
-6 / -7																					2
-8 / -9																					1
-10 / -11																					2
TOTAL	.9	37.7	31.1	12.0	6.9	2.9	1.9	.4	.2										1022		1022
																		1022		1022	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5349943	72581	71.0	15.500	1022							
Dry Bulb	1455952	36372	35.6	12.715	1022	.6	41.7	.8	.1			73
Wet Bulb	1193677	32961	32.3	11.311	1022	.0	51.0					93
Dew Point	870493	27 27	26.4	12.351	1022	1.1	66.7					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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAR — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]			.1				.1	.1										3	3		
[illegible]							.1											1	1		
[illegible]			.2				.1	.1										4	4		
[illegible]				.2	.1		.1											4	4	2	
[illegible]			.2	.2	.2		.3		.1									10	10		3
[illegible]		.1	.5	.5	.1			.1										13	13	1	
[illegible]		.2	1.1	.4	.4	.3		.1										25	25	11	
[illegible]		1.0	.2	.2	.1	.3	.1											19	19	23	5
[illegible]	.1	.3	.6	.8	.5	.9												52	52	16	18
[illegible]	.1	.2	.6	.1	.5	.3	.1											19	19	14	13
[illegible]	.1	.3	.8	.3	.2	.6												23	23	17	15
[illegible]		.6	1.2	.5	.4	.4												31	31	25	23
[illegible]		.7	.8	.5	.6	.1												27	27	33	13
[illegible]		.8	1.3	1.2	.1													40	40	31	12
[illegible]	.2	1.4	.9	1.2	.4													41	41	36	23
[illegible]	.3	1.6	3.4	1.0	.5													67	67	42	34
[illegible]	.2	1.6	1.9	1.1	.3													51	51	58	36
[illegible]	.9	3.1	2.6	1.3	.2													63	63	69	41
[illegible]	.4	2.9	2.9	.8	.2													74	74	84	41
[illegible]	.2	3.5	2.4	.7	.1													70	70	81	33
[illegible]	.5	3.1	2.9	.7														74	74	75	62
[illegible]	1.1	4.1	2.5	.3														81	81	75	65
[illegible]	.2	3.4	1.3	.1														51	51	91	81
[illegible]	.4	2.1	.6	.3														34	34	59	44
[illegible]	.7	1.9	.6															52	52	39	65
[illegible]	1.4	1.6	1.1															41	41	40	62
[illegible]	.2	1.8	.2															22	22	31	52
[illegible]	.1	.7	.5															13	13	22	37
[illegible]		.7																7	7	9	39
[illegible]		.4																4	4	12	24
[illegible]	.5	.5																11	11	7	15
[illegible]	.1	.2																3	3	7	21
[illegible]	.2																	2	2	5	18
[illegible]																					18

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 66-71,75-79 | MAR
STATION | STATION NAME | YEARS | 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
-1 / -3	.2	.1																3	3	3	7
-1 / -3	.1																	1	1	1	1
-2 / -3	.1																	1	1	1	2
-4 / -5	.3																	3	3	3	3
-6 / -7	.1																	1	1	1	
-8 / -9																					3
-10/-11																					1
-12/-13																					1
TOTAL	.2	3	9	31	21	12.1	5.2	2.8	.9	.4	.1							1021	1021		1021
																		1021		1021	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5529315	73622	72.1	14.706	1021							
Dry Bulb	1404219	35701	35.0	12.362	1021	.5	41.4	.4				93
Wet Bulb	1162712	32528	31.9	11.132	1021	.5	51.0					53
Dew Point	559031	26477	26.3	12.188	1021	1.5	68.0					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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAR — MONTH

PAGE 1
1900-1100 — 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
[illegible] 79													.1					1	1		
7 / 77							.1	.1		.1								3	3		
76/ 75									.3									3	3		
74/ 73						.1		.1	.3		.2							7	7		
72/ 71					.1		.1		.1		.2							7	7		
/ 69				.1	.1	.5	.4	.4	.1	.2								18	18		
68/ 67				.2	.1	.4	.2	.1		.3								13	13		
66/ 65				.3	.4	.5	.4	.2	.4	.1								23	23	2	
64/ 63			.2	.5	.3	.5		.5	.5									25	25	5	
62/ 61			.3	.2	.5	.3	.3	.1	.3									20	21	5	2
/ 59		.1	.2	.7	.5	.5	.7	.7	.1	.1								36	36	14	1
58/ 57		.6	.2	.4	.1	.7	.7	.6	.2									41	41	27	5
56/ 55		.4	.3	.5	.4	1.1	.7	.6										41	41	29	9
54/ 53			.3	.5	.9	.8	1.3	.2										37	37	27	10
52/ 51		.1	.3	.4	1.2	.8	1.3											38	38	22	15
/ 49		.3	.6	.4	1.3	1.6	.1											43	43	38	21
/ 47		.4	.3	1.2	.9	1.5	.2											45	45	45	29
/ 45		.2	.8	2.3	2.2	.8	.1	.1										62	62	48	26
44/ 43	.1	.3	1.3	1.6	1.1	.4												48	48	48	22
42/ 41	.2	.7	1.9	1.3	1.3	.1	.1											53	53	65	22
/ 39	.2	1.1	1.5	1.5	.9	.1												52	52	80	25
/ 37	.2	1.1	1.4	1.6	.6	.2												52	52	55	34
/ 35	.1	1.8	3.1	1.5	.4	.1												71	71	58	67
/ 33		1.5	2.2	1.3	.4													65	65	68	65
32/ 31		1.4	2.2	1.3	.5													56	56	64	67
/ 29		1.2	2.3	.9	.5													49	49	77	69
/ 27		.9	1.5	.8														32	32	51	62
26/ 25		.8	.7	.9														24	24	54	61
24/ 23		.4	.6	.2														12	12	32	66
22/ 21		.6	.7	.1														14	14	21	49
/ 19		.4	.1															5	5	19	58
18/ 17		.5		.1														6	6	11	28
16/ 15		.4	.2															6	6	6	23
14/ 13	.1	.2																3	3	3	31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 66-71,75-79 | MAR

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0930-1130

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 11		.5																3	3	6	22
1 / -		.5																5	5	4	16
- / 7		.1																1	1	1	15
- / -		.1																1	1	2	14
- / 3	.1																	1	1	1	7
- / 1																					3
- / -1	.1																	1	1	1	5
-- / -3																					1
-- / -7																					1
-- / -9																					1
-1 / -11																					1
TOTAL	.1	1.1	16.2	22.4	20.2	15.7	10.8	5.2	3.6	2.5	.8	.4		.1				1021	1022	1021	10.1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3771815	59521	58.3	17.205	1021							
Dry Bulb	2125198	44564	43.6	13.461	1022	.1	19.7	4.7	1.5	.1		93
Wet Bulb	1356759	38243	37.5	11.137	1021	.1	32.7					93
Dew Point	992511	29281	28.7	12.238	1021	.8	60.5					93

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 — STATION
MARSHALL AAF KS — STATION NAME
56-71, 75-79 — YEARS
MAR — MONTH

PAGE 1
12[illegible]-1430 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 85																.1		1	1		
87 / 87													.1			.1		2	2		
[illegible] / 85												.1			.1			2	2		
[illegible] / 83									.1	.1	.1							3	3		
/ 81										.1	.3	.1	.1	.1				7	7		
/ 79							.1	.2	.5	.3	.3	.3	.4	.1	.1			21	21		
/ 77							.1	.1		.2	.2	.3	.2	.2				15	15		
85 / 75						.1		.3	.4	.3	.4	.2	.1	.1				19	19		
94 / 73					.1	.1	.2	.3	.3	.1	.4	.2	.1					20	20		
/ 71					.1	.2	.1	.3	.4	.2	.2	.2						25	25		
/ 69					.3	.5	.3	.3	.4	.5	.9	.2						34	34		
/ 67				.1	.1	.3	.6	.4	.6	.8	.5							34	34	4	
87 / 65				.1		.6	.4	.3	.5	.3	.4							26	26	6	
94 / 63				.1		.2	.5	.8	.8	1.1	.2							37	37	11	
97 / 61				.4	.3	.6	.8	1.0	1.4	.3								50	50	22	1
/ 59		.1	.2	.3	.4	.9	.5	1.3	.9	.1	.1							50	50	31	2
97 / 57		.5	.1	.2	.5	1.3	.5	1.4	.7	.3								54	54	52	10
97 / 55			.1	.3	.3	1.1	1.4	1.2	.1									45	45	59	5
97 / 53		.1	.1	.1	.3	.5	1.2	.2	.2									33	33	42	21
/ 51			.1	.2	.4	1.2	1.2	.4										55	55	52	16
97 / 49	.1		.2	.4	.7	1.0	.9	.1										34	34	53	25
97 / 47		.2	.3	1.0	.6	.8	.3											32	32	54	26
97 / 45	.2	.2	.5	1.3	1.1	1.1	.2											45	45	63	30
97 / 43	.5	.2	.9	1.0	1.4	.9	.5											50	50	73	14
97 / 41		.1	.3	.3	1.0	.9	.2											38	38	63	39
97 / 39		1.1	1.5	1.5	1.4	.7	.2											64	64	55	28
97 / 37		.5	.7	2.1	1.1	.7	.1											52	52	62	55
97 / 35		.7	1.9	2.1	1.2	.2												60	60	56	46
97 / 33	.1	.4	1.6	1.6	.7	.1												45	45	58	65
/ 31	.1	1.0	.3	.9	.5													28	28	75	61
/ 29		.2	1.1	.9	.3													21	21	51	58
97 / 27		.5	.5	.4														12	12	45	84
/ 25		.2	.3	.1														11	11	22	80
97 / 23		.2	.5															7	7	18	58

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAR — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
27 / 21		.1																1	1	10	47
24 / 19		.1																1	1	4	56
21 / 17		.1		.5														4	4	1	54
18 / 15		.2	.1															3	3	1	47
16 / 13		.3																3	3	5	24
13 / 11		.1																1	1	4	25
10 / 8																				1	25
7 / 5																					13
4 / 3																					2
2 / 1																					11
0 / -2																					5
-3 / -5																					3
-6 / -8																					2
-9 / -11																					1
TOTAL	.5	6.8	11.8	15.2	13.3	13.4	10.6	9.1	5.9	4.6	3.0	1.8	1.0	.5	.2	.2		1023	1023	1023	1023

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2599238	47770	46.7	18.552	1023							
Dry Bulb	2894916	52216	51.0	14.992	1023		6.4	16.6	8.2	2.1		93
Wet Bulb	1847327	42475	41.5	11.055	1023		72.3	.4				97
Dew Point	1031946	29956	29.3	12.382	1023	.5	58.2					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

15-47 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
APR — MONTH
PAGE 1
15:0-17:0 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89													•1				•1	2	2		
88/ 87											•1	•1	•1			•1		4	4		
86/ 85												•1	•1			•1		3	4		
84/ 83										•4	•1	•1	•1					7	7		
/ 81									•1	•1	•1	•4	•5	•2	•4			18	18		
/ 79								•1	•5	•1	1•0	•5	•5	•1	•1			27	27		
7 / 77								•1	•3	•2	•3	•6	•1	•2				18	18		
76/ 7								•4	•2	•3		•2	•4	•1				16	16		
74/ 73						•1		•3	•4	•2	•5	•4	•2					29	29		
/ 71					•2	•1	•3	•4	•7	•2	•2	•5	•4					34	34		
/ 69					•2	•4	•2	•3	•5	1•3	•8	•8						47	47		
/ 67					•2	•3		•3	•5	1•3	•5	•2						53	53	2	
67 65				•1	•4	•1	•3	•4	•4	•7	•5							34	34	5	
64/ 63				•2	•4	•5	•3	•6	•3	1•1	•2							43	43	12	
/ 61			•2	•2	•3	•7	•5	•4	1•1	•4								41	41	26	
/ 59		•1		•1	•3	•4	•7	1•2	1•2	•5	•3							48	48	29	1
58/ 57		•2	•1	•1	•1	•5	•9	1•3	•3	•1								43	43	43	6
56/ 55				•3	•5	1•0	•6	1•1	•3									42	42	34	12
54/ 53				•1	•4	•6	•9	•8	•3									31	31	52	22
52/ 51				•1	•1	1•0	•6											21	21	46	17
50/ 49			•1	•2	•5	•6	•8	•2										24	24	53	31
48/ 47		•6	•8	1•2	1•1	1•5	1•0	•2										64	64	59	20
46/ 45	•1	•5	•4	•7	•6	•8	1•1											42	42	76	34
44/ 43		•5	1•2	1•0	•3	1•8	•5	•3										56	56	58	31
42/ 41		•2	•7	1•3	1•3	1•0	•2	•1										48	48	65	29
40/ 39		•2	1•0	1•5	1•1	•8	•5											50	50	61	31
38/ 37		•2	•4	1•3	2•3													42	42	52	31
36/ 35		•9	1•4	1•2	•7	•1												43	43	54	47
34/ 33		•7	•8	1•1	•6													52	52	64	59
32/ 31	•1	•9	•2	1•4	•3													25	25	71	62
/ 29	•1	•6	1•3	•2	•1													20	20	54	76
/ 27		•4	•7	•3														14	14	51	63
26/ 25		•2	•3	•4														9	9	25	65
24/ 23			•3															3	3	12	67

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	MARSHALL AAF KS	66-71,75-79	MAR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
27 / 27		.5																5	3	5	56
[illegible] / 15																				6	55
19 / 17			.1															1	1		63
17 / 13		.4	.2															6	6		57
15 / 15																				2	56
13 / 11		.1	.1															2	2	1	57
[illegible] / [illegible]																				1	19
[illegible] / 7																				1	12
[illegible] / [illegible]																					5
[illegible] / 3																					9
[illegible] / 1																					5
[illegible] / -1																					3
-1 / -3																					1
-3 / -5																					1
-5 / -7																					[illegible]
TOTAL	.5	6.9	9.8	13.2	11.9	12.1	9.1	9.0	8.5	6.8	4.5	4.0	2.3	.6	.5	.2	.1	1021	1021	1021	1021

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2554953	44729	43.8	19.177	1021							
Dry Bulb	3122463	54273	53.1	15.496	1021		7.6	21.3	10.9	4.2		93
Wet Bulb	2460113	43336	42.4	10.279	1021		19.4	.2				57
Dew Point	1809152	29614	29.0	12.135	1021	.5	58.9					93

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

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

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MARSHALL AAF KS 66-71,75-79 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible]-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
[illegible]											.1							1	1		
[illegible]											.1	.1						2	2		
[illegible]											.1	.1		.1				3	3		
[illegible]								.1		.2		.1	.1					5	5		
[illegible]									.1	.3		.1	.1	.1				7	7		
[illegible]						.1		.1		.7	.1		.1					11	11		
[illegible]						.1	.1	.2	.3	.2	.3	.3						15	15		
[illegible]					.1		.1	.4	.4	.1			.1					11	11		
[illegible]					.1	.2		.2	.3	.2	.6	.5						19	19		
[illegible]				.1	.5	.3	.5	.3	.4	.4	.1	.1						28	28		
[illegible]			.1	.2	.3	.3	.1		.4	.2	.1							17	17	3	
[illegible]			.1	.5	.2	.1	.3	.7	.4	.4								27	27	5	
[illegible]			.2	.3	.5	.5	.7	.9	.6	.6								46	46	9	
[illegible]		.1	.4	.1	.5	.6	.3	.5	1.2	.1	.1							44	44	28	4
[illegible]		.1	.2	.5	.6	.5	1.1	.4	.7									42	42	30	6
[illegible]		.1	.7	.5	.4	.6	.5	.4	.6	.1								44	44	32	13
[illegible]		.1	.5	.3	.5	1.1	1.3	.5										48	48	32	11
[illegible]		.1	.1	.5	.5	1.4	.8	.7										44	44	40	14
[illegible]		.1	.1	1.0	.6	1.1	.3	.2										34	34	47	15
[illegible]	.1	.4	.6	1.2	.5	1.2	.6											47	47	50	31
[illegible]	.2	.4	1.2	.9	1.1	1.2	.7	.2										59	59	50	27
[illegible]		.7	.8	1.1	.5	.5	.1											41	41	64	29
[illegible]	.1	.5	1.2	1.6	.9	.8	.3											54	54	75	34
[illegible]		.5	1.6	1.3	1.1	.7	.2											59	59	65	54
[illegible]		.6	1.5	1.3	1.1	.2												53	53	60	33
[illegible]	.2	1.5	1.5	1.6	1.0													58	58	64	57
[illegible]		.6	2.1	1.6	.8	.1												52	52	68	58
[illegible]	.1	1.1	1.2	1.2	.4													59	59	62	65
[illegible]	.2	.3	1.6	1.2														39	39	71	7
[illegible]		.5	.7	.8														25	25	48	67
[illegible]		.5	.6	.2														13	13	39	64
[illegible]		.6	.4															15	15	26	46
[illegible]		.1	.3															4	4	21	63
[illegible]	.1	.4																5	5	9	75

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MARSHALL AAF KS 75-77,79-79 [illegible]
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
TOTAL	1.	11.	217.	917.	315.	711.	1 [illegible]	[illegible]	6.	5.	7	5.	4	1.	6	1.	1	.	4	.	2	1021	1021	1021	1021

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5187377	53549	52.4	19.273	1021							
Dry Bulb	246 [illegible]3	4[illegible]128	47.1	13.462	1021		13.7	[illegible].7	[illegible].5	.1		[illegible].5
Wet Bulb	1[illegible]6549	4 126	39.3	11.654	1021		26.7					[illegible].1
Dew Point	989302	29254	28.7	12.148	1021	.2	59.4					[illegible].7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-71, 75-79 — YEARS
MAY — MONTH

PAGE 1
21 0-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 77									.2									2	2		
76/ 76								.2										2	2		
74/ 73									.1									1	1		
72/ 71					.2		.1	.3										6	6		
71/ 69				.1		.1	.3	.1	.2	.2								10	10		
69/ 67			.1	.3		.2	.4	.3		.1								14	14		
67/ 65			.1	.1	.1	.4	.1		.3	.1	.1							15	15	1	
64/ 63		.1	.4	.1	.4	.4		.2	.2		.1							20	20	3	
62/ 61			.2	.2	.5					.1								11	11	11	1
60/ 59		.2	.6	.2	.4	.3	.5	.5	.3									30	30	13	5
58/ 57			.3	.2	.6	.6	.4	.4										27	27	14	5
56/ 55			.4	.2	.9	1.3	.2	.7	.1									38	38	20	9
54/ 53		.4	.6	.5	.7	.6	.7	.5										39	39	21	6
52/ 51		.4	1.2	.9	.7	.4	.4	.2										40	40	23	11
50/ 49		.4	1.6	.8	.5	.7	.1	.1										42	42	32	19
48/ 47		.1	.6	1.2	.9	.5	.1	.1										35	35	55	50
46/ 45	.5	.8	1.8	1.4	.4	1.1												60	60	54	34
44/ 43		.6	1.7	1.3	1.1	.4												51	51	49	33
42/ 41		1.5	1.6	1.2	1.1													49	49	62	28
40/ 39		1.6	.8	2.1	.2	.4												51	51	61	33
38/ 37		1.4	1.7	2.2	.5	.5												64	64	56	40
36/ 35		2.0	2.6	2.2	.5													74	74	51	25
34/ 33	.3	1.8	2.7	1.2	.9													56	56	86	71
32/ 31	.4	2.5	1.6	1.6														64	64	67	56
30/ 29	.1	2.6	2.6	1.3	.1													71	71	85	60
28/ 27	.2	1.7	2.2	.9														48	48	66	16
26/ 25		1.7	1.5	.5														50	50	57	63
24/ 23	.1	.5	.8	.1														18	18	41	66
22/ 21	.1	.6	.5															13	13	28	63
20/ 19	.1	1.0	.3															14	14	22	10
18/ 17		.6																6	6	14	31
16/ 15		1.0																10	10	5	56
14/ 13		.1																1	1	7	24
12/ 11		.1																1	1	2	50

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAR — MONTH

21Z-23Z — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]	.1	.5																0	6	5	26
[illegible]		.3																5	3	4	21
[illegible]	.1																	1	1	3	1
[illegible]																					2
[illegible]																					0
[illegible]																					1
TOTAL	2.3	23.5	27.3	20.4	10.3	7.7	2	3.3	1.7	.5	.2							1023	1023	1023	1023

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	434 7162	64504	62.9	17.279	1023							
Dry Bulb	191 1257	42193	41.2	12.968	1023		26.7	7.2	.5			93
Wet Bulb	141 5165	36951	36.1	10.[illegible]8	1023		37.2					93
Dew Point	876446	29088	28.4	12.[illegible]89	1023	.1	59.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	66-71,75-79	MAR
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
≥ 95													.1			.2	.0		3	3		
87 - 94											.1	.1	.1			.1			6	6		
83 - 86											.1	.2	.3		.1	.2			6	6		
79 - 82									.3	.1	.3	.3	.3						17	12		
75 - 78									.1	.0	.1	.1	.1	.0	.1				28	28		
71 - 74							.3	.0	.1	.1	.2	.1	.1	.2	.1				54	54		
67 - 70							.3	.0	.1	.1	.1	.1	.0	.1					45	45		
63 - 66						.0		.1	.1	.2	.1	.2	.1	.0					52	52		
59 - 62					.1	.0	.1	.1	.2	.1	.2	.1	.1						71	71		
55 - 58					.1	.0	.2	.2	.2	.1	.1	.1	.1						85	85		
51 - 54				.0	.1	.2	.2	.2	.2	.3	.3	.2							126	126		
47 - 50				.1	.1	.2	.2	.2	.2	.4	.1	.0							131	131	6	
43 - 46				.1	.1	.2	.3	.2	.3	.2	.1								133	133	23	
39 - 42		.0	.1	.2	.3	.3	.2	.4	.4	.3	.1								154	154	44	
35 - 38			.2	.2	.3	.3	.3	.3	.4	.2									200	201	76	16
31 - 34		.1	.4	.3	.4	.3	.4	.3	.3	.1	.1								255	255	114	13
27 - 30		.3	.4	.4	.5	.5	.5	.6	.3	.0									235	255	179	36
23 - 26		.2	.3	.4	.4	.8	.5	.5	.2	.0									269	269	219	73
19 - 22	.0	.1	.4	.4	.6	.7	.7	.4	.1										281	281	222	126
15 - 18	.0	.2	.5	.4	.6	.7	.5	.2											261	261	228	100
11 - 14	.0	.2	.6	.5	.5	.8	.3	.1											256	256	282	150
7 - 10	.0	.3	.8	1.0	.7	.8	.5	.0											319	319	352	171
3 - 6	.2	.5	1.0	1.1	.9	.6	.2	.1											376	378	409	184
-1 - 2	.1	.5	1.2	1.1	1.1	.5	.1	.1											376	376	417	261
-5 - 0	.1	.6	1.2	1.1	.9	.3	.1	.1											357	357	451	217
-9 - -6	.1	1.2	1.8	1.3	.5	.3	.1												467	467	441	257
-13 - -10	.1	1.0	1.3	1.6	.9	.2	.0												420	420	521	516
-17 - -14	.2	1.9	2.2	1.4	.6	.1	.0												520	520	495	408
-21 - -18	.2	1.5	2.1	1.9	.5	.0													454	454	557	475
-25 - -22	.2	2.4	1.7	1.1	.2														451	451	563	525
-29 - -26	.2	1.7	2.3	.8	.1														422	422	598	535
-33 - -30	.3	1.9	1.5	.6	.0														347	347	467	615
-37 - -34	.1	1.4	.9	.5															222	222	453	585
≤ -38	.1	1.0	.7	.1															153	153	282	459

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1747 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAR — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
27 / 21	.2	.8	.5	.0														128	128	215	461
20 / 17	.3	.9	.3															150	150	169	544
16 / 13	.1	.7	.1	.0														91	91	127	361
12 / 10	.1	.5	.1															62	62	79	294
9 / 8	.1	.4																36	36	51	213
7 / 6	.2	.2	.0															22	22	47	229
5 / 4	.1	.3																33	33	32	169
3 / 2	.2	.1																13	13	15	139
1 / 0	.1	.0																4	4	5	99
-1 / -2	.1																	4	4	4	88
-3 / -4	.1	.0																7	7	6	55
-5 / -6	.1																	4	4	3	35
-7 / -8	.1																	6	5	6	7
-9 / -10	.1																	6	6	6	5
-11 / -12	.0																	1	1	1	4
-13 / -14																					5
-15 / -16																					1
-17 / -18																					2
TOTAL	3.2	21.4	22.7	16.0	10.9	8.1	5.4	4.1	5.2	2.0	1.3	.9	.5	.2	.1	.0	.0	8173	8174	8172	8173

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3210159	4853?9	59.4	20.047	8173							
Dry Bulb	17 21396	352?26	43.1	15.?89	8174	1.5	193.8	5?.3	25.2	7.0		744
Wet Bulb	122065-4	3?1190	36.9	11.644	8172	1.6	285.5	.5				744
Dew Point	7538509	228957	28.0	12.241	8173	5.6	494.3					744

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

13-47 | MARSHALL AAF KS | 66-71,75-79 | APR

STATION | STATION NAME | YEARS | MONTH

 | 0000-0230 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
77 / 75			.1	.2					.1									4	4		
73 / 71			.5	.2	.4	.2	.3											16	16		
71 / 69			.3	.1	1.1	.4	.6	.1										25	25	5	
69 / 67			.5		.5	.2	.3											15	15	4	4
67 / 65		.4	.6	.5	.3	.7	.2	.4										31	31	5	4
65 / 63		.5	1.0	1.2	.5	.5	.8	.5	.1									51	51	17	4
63 / 61	.1	.4	.6	.4	.7	.4	.4	.2	.1									33	33	25	16
61 / 59		1.3	1.4	.8	.5	.4	.1	.2		.1								51	51	32	9
59 / 57	.2	.7	1.4	1.0	.9	.9	.6	.1	.1	.1								63	63	49	27
57 / 55		1.3	1.7	1.4	1.4	1.1	.6											75	75	43	37
55 / 53		1.8	1.2	1.0	1.4	.8	.7											69	69	48	37
53 / 51		.9	2.2	1.3	1.3	.4	.3											58	58	78	48
51 / 49	.2	.5	1.9	1.3	.6	.1												46	46	67	59
49 / 47	.1	1.9	1.2	1.6	.5	.2												55	55	51	37
47 / 45		2.0	2.5	1.4	.9	.1												69	69	91	52
45 / 43	.5	1.5	2.1	.6		.1												48	48	72	53
43 / 41	.1	1.5	2.3	.4	.5													48	48	74	72
41 / 39	.3	1.5	2.3	.5	.3													49	49	58	61
39 / 37	.3	1.6	1.6	.6	.2													43	43	58	68
37 / 35	.4	2.7	1.1	.9														50	50	43	77
35 / 33	.5	2.1	1.7	.2														43	43	57	72
33 / 31	.2	.5	.5	.4														16	16	46	65
31 / 29	.1	.3	.5	.1														10	10	24	45
29 / 27	.1	.8	.3															12	12	15	31
27 / 25	.2	.4	.2															8	8	16	34
25 / 23			.1															1	1	6	21
23 / 21		.1																1	1	2	15
21 / 19																				1	14
19 / 17		.1																1	1		16
17 / 15																				1	6
15 / 13		.2																2	2	1	2
13 / 11																				1	4
11 / 7																					2
7 / 5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
APR — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.1	25.3	30.0	16.0	12.0	5.6	4.9	1.5	.4	.2								990	990		991
																				993	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5144511	69531	70.2	16.249	990							
Dry Bulb	2553217	49101	49.6	11.150	990		4.6	5.5	.4			93
Wet Bulb	2 90756	44432	44.9	9.284	990		10.3	.9				90
Dew Point	1673446	39138	39.5	11.156	990		23.7	.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71, 75-79 — YEARS
APR — MONTH

PAGE 1
03[illegible]-05[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 71			.4	.2														6	6			
[illegible] / 69		.1	.5	.1	.4	.1	.2											14	14			
[illegible] / 67		.3	.6	.5	.4	.2	.3	.1										24	24	9	7	
[illegible] / 65		.5	.2	1.1	.1	.1	.3											21	21	6	11	
[illegible] / 63		.2	.7	.5	.2	.4	.4	.1										25	25	10	4	
[illegible] / 61		.3	.7	.5	.7	.5	.2											29	29	16	8	
[illegible] / 59		.7	1.3	1.1	.6	.7			.1									45	45	28	7	
[illegible] / 57	.2	1.5	2.1	.7	.6	.3	.2		.1	.3								52	52	24	27	
[illegible] / 55		1.4	1.3	.9	.7	.5	.7	.1										56	56	59	31	
[illegible] / 53		2.2	1.7	.8	.6	1.2	.3											63	63	45	36	
[illegible] / 51		1.2	3.5	.7	1.1	.2	.1											63	63	65	39	
[illegible] / 49		.9	2.0	1.0	.5	.1												45	45	61	45	
[illegible] / 47	.3	2.6	1.4	1.6	.5	.1												63	63	61	49	
[illegible] / 45	.2	2.6	1.6	1.3	.7	.2												66	66	61	58	
[illegible] / 43	.3	2.2	3.4	.8	.1	.1												69	69	90	54	
[illegible] / 41	.2	1.7	2.0	.6	.1													46	46	71	71	
[illegible] / 39	.1	2.2	2.2	.7	.4													56	56	69	46	
[illegible] / 37	.1	2.9	1.0	.7	.1													48	48	57	58	
[illegible] / 35	.8	2.0	1.2	1.0														50	50	57	80	
[illegible] / 33	.2	2.4	1.5	.3	.1													45	45	49	66	
[illegible] / 31	.1	1.8	1.6	.2														37	37	47	72	
[illegible] / 29	.2	.7	.6	.1														16	16	45	59	
[illegible] / 27	.6	.4	.3	.1														14	14	26	33	
[illegible] / 25	.5	.4																7	7	11	29	
[illegible] / 23	.2	.7																9	9	11	24	
[illegible] / 21		.2																2	2	7	19	
[illegible] / 19		.2																2	2	2	19	
[illegible] / 17																				1	16	
[illegible] / 15		.1																1	1	1	9	
[illegible] / 13																					4	
[illegible] / 11		.1																1	1		5	
[illegible] / 9		.1																1	1	1		
[illegible] / 7		.1																1	1	2		
[illegible] / 5																					2	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 66-71,75-79 | APR
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1 / -2																					1
-0 / -1																					1
TOTAL	3.5	32.8	31.6	15.7	7.8	4.7	2.7	.3	.2	.3								990	990	991	991

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	58573.8	73274	74.0	15.382	990							
Dry Bulb	2344147	46897	47.4	11.134	990		8.3	4.0				991
Wet Bulb	1772565	43333	43.5	10.157	991		14.0	.8				991
Dew Point	1625827	38509	38.9	11.372	990	.1	26.6	.3				991

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

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 76			.1															1	1		
74/ 73			.2	.1														3	3		
76/ 71			.6	.3		.1	.1											11	11	1	
74/ 69		.1	.5	.1	.1	.1												10	10	5	1
69/ 67		.2	.5	.2	.4	.3	.3											19	19	11	5
60/ 55			.5	1.1	.4	.7	.4											30	33	9	11
64/ 63		.3	.8	.7	.2	.5	.1											25	26	4	7
62/ 61		.5	1.0	1.0	.6	.5	.2			.1								39	39	24	4
59/ 59		1.0	1.6	1.1	.7	.6	.4			.1								57	57	28	14
59/ 57	.1	1.4	1.9	1.0	.6	.3	.5		.1	.1								60	60	32	19
55/ 55	.1	1.2	1.8	.8	.5	.8	.1	.1										57	57	39	39
54/ 53		1.2	2.0	1.4	.9	.2												57	57	50	39
52/ 51		1.0	2.7	1.4	.6	.3	.2											62	62	58	37
52/ 49		.8	2.3	1.0	.8		.3											52	52	50	50
49/ 47	.3	2.6	2.0	1.8	.7	.5												76	76	74	42
47/ 45	.2	2.8	2.7	1.1	.5	.1												74	74	85	74
48/ 43	.4	2.1	2.7	1.7	.4													73	73	88	93
42/ 41		1.0	1.5	1.2	.1	.1												59	59	63	84
56/ 56	.3	1.6	2.3	.9	.1	.1												53	53	84	59
57/ 57	.4	2.2	.7	.6	.2													42	42	61	69
57/ 55	.2	2.6	1.2	.6	.1													47	47	55	60
54/ 53	.1	1.6	.9	.5														29	29	49	64
32/ 31	.1	1.3	1.1	.3														25	25	36	69
31/ 29	.4	.2	1.0															16	16	52	49
29/ 27	.3	.6	.5															12	12	17	27
27/ 25	.1	.4																5	5	15	25
24/ 23	.1	.3																4	4	6	12
22/ 21	.1																	1	1	4	25
18/ 18	.2	.3																5	5	5	17
17/ 17		.1																1	1	2	9
15/ 15																				1	8
14/ 13																					6
12/ 11																					4
/		.1																1	1	1	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

13747 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
APR — MONTH
PAGE 2
(16)(3)-(19)(0) — 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
/ 7		•1																1	1		1
/ 5																				1	
/ 3																					1
/ -1																					1
TOTAL	3.4	27.6	33.4	18.9	8.5	5.1	2.6	•1	•1	•5								988	988	988	988

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5448436	72160	73.0	14.726	988							
Dry Bulb	2443594	47936	48.5	10.926	988		6.5	4.0	.4			90
Wet Bulb	2 47523	43 75	44.4	10.022	988		10.7	1.4				91
Dew Point	1683854	39228	39.7	11.313	988	.1	24.0	.5				92

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]47 — STATION
MARSHALL AAF KS — STATION NAME
56-71,75-79 — YEARS
APR — MONTH

PAGE 1

1[illegible]6-1[illegible]6 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible]													.1						1	1		
[illegible]								.1		.2	.1	.1							5	5		
[illegible]					.1		.1	.2	.2										6	6		
[illegible]				.1	.3	.2	.3	.2	.3	.1	.1								16	16		
[illegible]			.1	.2	.1	.5	.2	.3	.3	.2	.4	.1							24	24		
[illegible]			.1	.1	.4	.5	1.0	.8	.3	.4	.2								38	38		
[illegible]		.1	.1	.2	.3	.3	.4	.7	.5	.2		.2							36	36	4	
[illegible]			.2	.2	.2	.7	.8	.7		.1		.1							34	34	9	1
[illegible]			.4	1.1	1.3	1.4	.5	.7	.5	.3									58	58	9	6
[illegible]		.2	.2	.9	.5	.6	.7	.4	.4	.2	.1								46	46	16	4
[illegible]		.2	.3	1.3	.6	1.1	.9	.3	1.2	.2	.2								73	74	53	17
[illegible]		.6	.8	.9	1.2	1.2	1.5	.3	.4	.3									72	72	51	13
[illegible]		.1	1.5	1.[illegible]	.7	1.2	.9	.4	.5										68	68	56	24
[illegible]		.4	.8	.8	1.1	1.7	1.1	.2	.1										62	62	67	43
[illegible]		.3	1.4	.7	1.[illegible]	1.5	.6	.3	.1										59	59	65	40
[illegible]		.2	.9	1.1	1.2	1.4	.6	.1	.1										56	56	65	32
[illegible]		.8	.6	1.[illegible]	2.1	.8	.3	.2											58	58	65	39
[illegible]		.6	1.5	1.5	1.5	.7	.4	.1											63	64	74	51
[illegible]		1.[illegible]	1.[illegible]	.8	1.[illegible]	.3	.3												44	44	89	55
[illegible]	.3	1.7	.9	1.2	.6	.8	.2												59	59	101	60
[illegible]	.1	.7	.8	1.3	.6		.1												33	33	77	45
[illegible]	.1	.2	.6	.5	.3	.1													18	18	56	34
[illegible]		.3	.7	.5	.2														17	17	43	34
[illegible]		.5	.5	.2															12	12	33	72
[illegible]		.3	.2	.1	.2														8	8	29	56
[illegible]		.3	.2	.1	.1														7	7	17	37
[illegible]			.3	.2															5	5	13	31
[illegible]			.4																4	4	4	45
[illegible]																					0	35
[illegible]			.2																2	2	5	24
[illegible]		.1	.1																2	2	1	12
[illegible]																					5	21
[illegible]																						18
[illegible]																						5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 65-71,75-79 | APR
STATION | STATION NAME | YEARS | MONTH

PAGE 7 | 1900-1100
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
1 / 15																					7
16 / 12																					0
17 / 11																					4
18 / [illegible]																					2
TOTAL	.[illegible]	8.7	15.5	15.8	17.1	15.2	11.1	7.1	5.[illegible]	2.2	1.1	.5	.1					988			986
																		986		986	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]1865	56[illegible]66	57.7	18.380	986							
Dry Bulb	53[illegible]45 2	56[illegible]32	57.5	10.913	988		1.2	19.9	9.2	.8		
Wet Bulb	24[illegible]999	46[illegible]79	49.5	9.[illegible]58	986		2.[illegible]	2.0				
Dew Point	1[illegible]12355	4[illegible]751	41.3	11.392	986		20.2	.8				

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

14747 STATION | MARSHALL AAF KS STATION NAME | 56-71,75-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/ 89												•1						1	1		
100/ 87											•1				•1			2	2		
90/ 85									•2	•3			•1	•1				7	7		
80/ 83							•5	•1	•2	•2		•3	•2	•1				12	12		
70/ 81						•1	•3	•2	•6	•5	•2	•5	•2	•2				28	28		
60/ 79						•5	•4	•5	•3	•7	•4	•4	•6		•2			43	43		
50/ 77					•1	•2	•7	•9	1•1	•4	•5	•3	•2	•1				46	46		
40/ 75				•1	•1	•1	•5	•2	1•4	•4	•4	•5	•6	•2				48	48		
30/ 73				•1	•3	•4	•4	•7	•6	•4	•6	•6	•4	•2	•1			47	47		
20/ 71					•3	•6	1•1	•9	•7	•9	•9	1•3						66	66	18	
10/ 69				•1	•3	•9	•7	•5	1•1	1•2	•8							56	56	19	5
0/ 67			•5	•3	•4	•6	1•1	1•1	1•2	•8	•5							69	69	36	17
-10/ 65		•1	•5	•7	•5	•9	1•7	•8	1•3	•7	•2							72	72	57	6
-20/ 63		•2	•7	1•5	1•1	•9	1•2	•5	•5	•1								68	69	74	15
-30/ 61			•5	•5	•5	•8	1•1	•7	•4	•3								54	54	87	38
-40/ 59		•1	•1	•4	•3	•7	1•1	•4	•3	•1								34	34	62	31
-50/ 57		•1	•5	•2	•3	1•1	1•1	•3	•3	•1								43	43	71	43
-60/ 55		•3	•4	•5	1•2	•9	•5	•6										44	44	53	47
-70/ 53		•5	1•3	•5	1•3	•5	•4	•1										47	47	96	56
-80/ 51		•5	•8	•7	•3	•3	•2	•1										29	29	78	53
-90/ 49	•2	•6	•8	1•1	•4	•5	•3											39	39	91	52
-100/ 47	•1	•5	•6	•4	•4	•7	•2											30	31	77	45
-110/ 45	•1	•3	•3	•1	•3	•2												13	13	57	57
-120/ 43		•4	•1	•4	•2													11	11	43	56
-130/ 41			•3	•1	•3													7	7	23	71
-140/ 39		•2	•1	•1														4	4	19	94
-150/ 37		•5	•1															6	5	22	83
-160/ 35		•3																3	3	11	65
-170/ 33			•3															3	3	6	45
-180/ 31																				1	47
-190/ 29			•2															2	2	2	33
-200/ 27			•1															1	1		21
-210/ 25																				1	15

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

[illegible] WEATHER WING
[illegible] AFB KS
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
55-71, 75-79 — YEARS
APR — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31					
27	21																					[illegible]
[illegible]	15																					15
17	17																					11
12	12																					9
7	15																					5
1	2																					1
TOTAL	.4	4.6	9.2	9.3	10.2	12.9	14.2	15.4	10.9	7.6	4.8	3.1	1.7	.5	.2				560	589	593	566

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	268765	47465	48.5	19.103	988							
Dry Bulb	496393	62621	63.5	11.532	985		.5	57.2	21.5	5.6		[illegible]
Wet Bulb	267214	51577	52.2	8.731	988		1.1	1.9				[illegible]
Dew Point	133132?	40976	41.5	11.568	988		20.1	.5				[illegible]

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

USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 66-71,75-79 | APR

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1800-1700

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
-/ 59													.1	.2	.1			4	4		
57/ 57														.2				2	2		
67/ 69								.2	.4	.1	.1		.2	.1				11	11		
47/ 49								.4	.5	.4	.1		.2	.3				19	19		
-/ 51							.2	.5	.7	1.0	.3	.3	.4					38	38		
-/ 79					.1	.2	.3	.6	.4	.8	.3	.7	.7					46	46		
7-/ 77					.1	.1	.4	.1	.5	.5	.7	.6	.2					35	35		
-/ 75				.5		.6	1.5	1.0	.5	.5	.5	.5	.1					55	55		
77/ 73				.2	.1	.4	.2	.4	.5	1.4	.5	.8	.3					53	53		
-/ 71				.2	.4	1.1	.5	1.2	1.5	1.0	1.1	1.0						50	51	4	
-/ 69				.1	.2	1.1	.5	.8	1.6	1.6	.6							75	75	17	
-/ 67				.7	.4	.3	.2	1.4	1.1	.6	.5	.5						59	59	21	5
-/ 65			.2	.4	.4	.5	.3	.5	2.1	.4	.4							52	52	48	7
47/ 63		.1	.4	.7	.3	.4	1.5	1.6	.6	.5	.6							73	73	50	8
-/ 61		.1	.2	.4	1.5	.7	.8	1.1	.7	1.1								63	63	42	10
-/ 59			.4	.6	.2	.4	.4	.6	.5	.2								40	40	62	43
-/ 57		.1	.2	.4	.6	1.1	1.0	.5										45	45	66	28
57/ 55		.6	.2	.6	.5	1.0	1.2	.5										42	42	81	55
47/ 53		.5	.9	.5	.7	1.1	.3	.6	.1									49	49	97	42
27/ 51		.4	.8	.4	.3	.5	.7	.4										38	38	104	56
-/ 9		.4	.5	.4	.1	.2	.5											21	21	34	49
-/ 47	1.1	.5	.5	.2	.1	.1												26	26	67	43
47/ 45	.2	.1	.5	.5	.5	.5												23	23	94	69
-/ 43			.1	.3	.2	.1												7	7	48	55
27/ 41		.4		.5	.2	.1												12	12	30	57
-/ 39		.2	.1	.1														4	4	24	71
37/ 37		.2	.4	.1														7	7	17	71
-/ 35		.1																1	1	15	67
3-/ 33		.3																3	3	8	56
-/ 31			.2															2	2	4	38
-/ 29			.1															1	1		41
-/ 27			.3															3	3	2	59
-/ 25																				4	25
-/ 23																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	68-71,75-79	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1735 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
27 - 21																						.1
20 - 17																						1.9
16 - 13																						1.3
12 - 1																						1.7
TOTAL	.3	4.4	6.2	9.3	9.6	10.8	11.5	12.4	12.5	9.9	5.5	4.0	2.6	.8	.1				989	989	989	989

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	245843	45545	46.1	19.126	989							
Dry Bulb	4288334	64146	64.9	11.376	989		.5	43.4	23.9	8.2		9
Wet Bulb	3031123	52255	52.8	8.027	989		.9	4.0				9
Dew Point	1819210	40466	41.3	11.424	989		19.9	.5				9

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
APR — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
87 / 85													.1					1	1		
83 / 83								.1					.1					2	2		
81 / 81								.3	.5	.2		.1	.1					13	10		
79 / 79						.1	.2	.2	.6	.1	.1	.5						18	18		
77 / 77				.1		.1	.3	.3	.3	.3	.2	.1	.1					18	18		
75 / 75				.2	.3	.3	.5	.7	.4	.2	.5							33	33		
73 / 73				.1	.4	.6	.2	1.1	.5	.5	.3	.1						34	34		
71 / 71			.1	.4	.6	.4	.7	.8	.7	.8	.3	.1	.1					50	50	5	
69 / 69				.5	1.1	.7	.5	1.0	1.1	.6	.6							58	58	2	
67 / 67			.2	.8	1.4	.7	.6	.3	1.3	.7	.1							61	61	17	3
65 / 65			.8	.7	.6	1.1	.5	.6	.8	.5	.2							60	60	20	5
63 / 63		.1	.3	.4	.7	.9	1.2	1.4	.4	.4	.2							70	70	42	7
61 / 61		.1	.6	.5	.4	.6	1.9	1.4	.5	.3	.1							64	64	44	17
59 / 59		.4	.7	1.1	.7	.9	1.4	.7	.2	.4								66	66	63	18
57 / 57		.3	.6	.8	1.6	.9	.7	1.3	.6									65	65	65	54
55 / 55		1.0	.4	.5	1.3	1.6	1.2	.2	.1									61	61	54	44
53 / 53		.6	.6	1.3	1.7	1.1	.7	.4	.1									65	65	66	55
51 / 51		.4	1.3	.9	1.6	1.2	.6											57	57	77	64
49 / 49		.4	.9	1.1	.6	.5	.4	.1										59	59	91	53
47 / 47		1.4	.3	.3	.7	.6	.5											38	38	85	58
45 / 45		.5	1.2	.9	.1	.9	.1											57	57	89	41
43 / 43	.1	.7	1.0	.4	.2	.1												25	25	82	11
41 / 41		.2	.4	.6	.5													15	15	46	5
39 / 3			.7	.8	.1													16	17	43	17
37 / 37		.5	.4	.1														10	10	25	64
35 / 35		.3	.1	.2														6	6	32	88
33 / 33		.1	.1	.1														3	3	10	53
31 / 31			.1															1	1	4	54
29 / 29																				4	43
27 / 27		.2	.3															5	5	1	35
25 / 25			.1															1	1	4	21
23 / 23																				1	13
21 / 21																				1	18
19 / 19																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
56-71,75-79 — YEARS
APR — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
17 / 17																					19
16 / 16																					4
15 / 15																					4
TOTAL	.1	7.3	11.5	13.2	14.5	13.4	12.1	10.2	7.9	4.9	2.7	.9	.5					989	993	989	989

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3149345	52539	53.1	19.017	989							
Dry Bulb	3636774	59654	59.7	10.745	999		.6	25.9	10.5	2.2		5.2
Wet Bulb	2574661	49745	50.3	8.571	989		1.4	2.2				3.6
Dew Point	1772454	42356	42.8	11.251	989		20.9	.3				9.2

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

13987 — STATION
MARSHALL AAF KS — STATION NAME
65-71,75-79 — YEARS
APR — MONTH

PAGE 1
2100-2500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / 79											.1							1	1		
-/ 77								.2			.1							3	3		
76/ 75			.1	.1		.1	.1	.1		.1								6	6		
74/ 73			.2	.2	.4	.5	.4	.2	.1									20	20		
72/ 71			.4	.2	.3	.2	.7	.1	.1									20	20	1	
/ / 69			.5	.5	.2	.1	.7	.1	.1	.1								21	21	5	1
5-/ 67			.5	.8	.5	.7	.3	.2	.3									31	31	8	3
66/ 65		.3	1.7	.6	.4	.5	.7	1.1	.1									53	53	14	2
64/ 63		.2	.4	.7	1.4	.9	.7	.5			.1							49	49	29	11
62/ 61		.1	1.0	1.3	.5	.5	.5	.2	.2	.1								44	44	32	15
60/ 59		1.2	2.0	.7	.5	1.4	.3	.2		.1								65	65	28	26
58/ 57		.6	1.7	1.1	1.3	1.6	.3	.5	.1									72	72	63	45
56/ 55		.5	1.3	1.4	1.7	1.4	.8	.2										73	73	53	39
54/ 53		1.4	.6	1.1	1.1	1.0	.4	.2										58	58	57	26
52/ 51		.5	1.7	1.2	.5	.6	.1											46	46	67	48
50/ 49		1.4	2.1	2.4	1.1	.6		.1										77	77	76	67
48/ 47	.1	1.3	1.5	2.1	.7	.5												61	61	66	44
46/ 45		.9	2.9	2.0	.7	.5												70	71	91	51
44/ 43	.2	.7	1.8	1.2	.3	.5												47	47	84	51
42/ 41	.2	.8	1.5	.7	.7	.2												41	41	67	73
40/ 39		1.1	1.6	.6	.3													42	42	60	69
38/ 37		1.6	.8	.6	.2													52	52	45	77
36/ 35		1.1	.8	.7	.1													27	27	54	78
34/ 33		.2	.3	.2														7	7	31	66
32/ 31	.1	.2	.2	.5														10	10	27	59
30/ 29		.3	.3															6	6	13	30
28/ 27		.1																1	1	5	47
26/ 25		.2																2	2	7	17
24/ 23			.1															1	1	2	18
22/ 21			.1															1	1		16
20/ 19																				2	15
18/ 17		.1																1	1		18
16/ 15																				1	6
14/ 13																					1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
APR — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 11																					1
1 / 5																					1
7 / 7																					1
TOTAL	.6	15.2	26.4	20.5	13.6	11.7	6.4	3.8	1.0	.4	.3							988	989	998	968

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	442554?	64094	64.9	16.456	988							
Dry Bulb	2?871.5	52405	53.0	10.565	989		2.0	5.3	2.9			7
Wet Bulb	2271827	46475	47.0	9.316	988		5.?	1.1				7
Dew Point	1749126	40108	41.6	11.369	988		20.3	.9				7

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

13947 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | APR MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
≥ 89												.1	.0	.0	.0			5	5			
88 - 87											.0			.0	.0			4	4			
86 - 85								.0	.1	.1	.0		.1	.1				19	19			
84 - 83							.0	.1	.1	.1	.0	.0	.1	.1				54	54			
82 - 81						.0	.1	.1	.2	.2	.1	.1	.1	.0				91	91			
80 - 79					.1	.1	.1	.3	.3	.2	.1	.1	.2		.0			114	114			
78 - 77				.0	.1	.1	.2	.2	.3	.2	.2	.1	.1	.0				116	116			
76 - 75			.0	.2	.1	.3	.3	.4	.3	.2	.3	.1	.0					167	167			
74 - 73			.1	.1	.2	.4	.4	.4	.2	.3	.2	.1	.1					201	201			
72 - 71		.0	.3	.3	.4	.3	.4	.4	.4	.3	.3	.2	.0					270	270	19		
70 - 69		.0	.3	.2	.3	.5	.5	.4	.5	.4	.3	.0						303	303	54	3	
68 - 67		.1	.4	.5	.7	.6	.4	.5	.6	.3	.1	.1						323	323	104	36	
66 - 65		.2	.6	.8	.4	.6	.5	.5	.6	.2	.2							362	362	156	56	
64 - 63		.2	.7	.8	.5	.7	.9	.7	.5	.2	.2							439	440	222	57	
62 - 61	.0	.5	.7	.8	.9	.7	.8	.5	.3	.2	.0							412	413	326	93	
60 - 59		.6	1.2	.9	.8	.8	.6	.4	.2	.2								446	446	364	197	
58 - 57	.1	.8	1.1	.8	.8	.9	.3	.3	.2	.1								458	458	424	252	
56 - 55	.1	.8	1.1	.8	.9	1.1	.3	.2	.1	.0								466	466	485	328	
54 - 53		1.0	1.0	1.0	1.1	1.1	.4	.2	.1									466	466	527	294	
52 - 51		.7	1.7	.9	1.1	.5	.3	.1										429	429	613	366	
50 - 49	.0	.7	1.5	1.2	.7	.3	.2	.1										372	375	580	424	
48 - 47	.1	1.6	1.1	1.3	.6	.3	.1											402	402	574	360	
46 - 45	.1	1.4	1.7	1.1	.0	.2	.1											428	429	677	454	
44 - 43	.2	1.0	1.5	.4	.3	.1	.1											315	315	596	451	
42 - 41	.1	.8	1.1	.6	.4	.1												230	230	449	527	
40 - 39	.1	.9	1.3	.5	.5	.0												244	245	381	516	
38 - 37	.1	1.2	.7	.4	.1													198	198	315	536	
36 - 35	.2	1.2	.6	.4	.1													195	195	307	566	
34 - 33	.1	.9	.6	.2	.1													140	140	229	499	
32 - 31	.1	.4	.5	.2														99	99	182	465	
30 - 29	.1	.2	.4	.1														53	53	125	359	
28 - 27	.1	.3	.2	.1														49	49	72	259	
26 - 25	.1	.2	.1															26	26	62	196	
24 - 23	.1	.1	.1															17	17	51	133	

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	66-71,75-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
27 / 21	.0	.0	.0															5	5	17	156
24 / 17	.0	.1																7	7	5	135
21 / 17		.0																5	5	5	159
17 / 15		.0																1	1	4	54
14 / 13		.0																2	2	1	28
11 / 11		.0																1	1	1	18
7 / 9		.0																2	2	2	4
4 / 7		.0																2	2	2	4
1 / 5																				1	1
-2 / 3																					2
-5 / 1																					2
-8 / -1																					2
TOTAL	1.5	15.2	20.5	14.3	11.7	10.1	8.2	5.4	4.9	3.2	1.4	1.1	.6	.2	.1			7908	7913	7908	79.8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	32609516	481976	60.9	20.224	7908							
Dry Bulb	25637086	438992	55.5	12.744	7913		24.3	149.1	67.6	17.6		722
Wet Bulb	19546[illegible]8	39[illegible]216	48.1	9.893	7908		46.3	1[illegible].2				7[illegible]3
Dew Point	13964[illegible]2	319952	4[illegible].5	11.353	7908	.2	175.8	3.6				720

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / 79					.1													1	1		
7-/ 77				.4	.5	.2	.1											10	10		
76/ 75			.2		.4	.4		.0	.1	.1								15	15		
74/ 73		.3	.3	.6	.5	.4	.1		.1	.3								26	26		
72/ 71			.6	1.2	.7	.1	.4	.2										34	34	15	2
70/ 69		.1	1.3	2.2	1.4	.7	.5	.3										61	61	6	7
68/ 67		.9	1.0	1.5	.7	.8	.5	.4										58	59	31	7
66/ 65		1.3	2.3	1.3	1.1	.6	.4	.2										71	71	41	29
64/ 63	.3	2.4	1.2	1.5	1.6	.5	.4											79	79	69	36
62/ 61	.3	1.6	1.6	1.5	1.5	1.1	.1											74	74	79	50
60/ 59	.1	2.8	1.9	1.7	.8	1.5	.2											89	89	63	74
58/ 57	.2	1.6	1.3	1.2	.9	.4	.2											52	52	90	63
56/ 55	.1	2.9	1.5	2.3	.8	.4												81	81	76	55
54/ 53		1.9	1.6	1.7	.6													58	59	81	49
52/ 51	.1	2.5	1.6	1.0	.4	.1												57	57	75	84
50/ 49	.1	2.7	1.9	1.2	.4	.3												66	66	96	77
48/ 47	.2	2.0	1.3	.5	.1	.1												42	42	71	59
46/ 45		2.1	1.0	1.3	.1													45	45	57	103
44/ 43	.3	1.3	.8	.5														26	26	45	61
42/ 41	.3	1.1	.8	.4														26	26	29	70
40/ 39	.4	1.3	.6	.2														25	25	41	43
38/ 37	.4	.7	.1															12	12	33	41
36/ 35		.3		.2														5	5	10	33
34/ 33		.2	.1															3	3	5	26
32/ 31																				3	15
30/ 29																				2	11
28/ 27		.1																1	1		6
26/ 25																				1	2
24/ 23																					1
22/ 21																					3
TOTAL	2.4	28.9	22.5	22.0	11.7	7.4	2.9	1.4	.2	.4								1017	1019	1017	1017

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5913997	76087	74.8	14.766	1017							
Dry Bulb	3501805	58925	57.8	9.629	1019		.1	18.8	4.7			93
Wet Bulb	2958402	54154	53.2	8.583	1017		.5	4.6				93
Dew Point	2568603	50199	49.4	9.453	1017		3.5	1.5				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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 77				.1	.3													4	4		
76/ 75			.2	.3	.2	.1		.1	.1									10	10		
74/ 73		.3	.1	.4	.1	.1		.1										11	11		
72/ 71		.3	.5	1.0	1.1		.1		.1									31	31	6	2
[illegible] 69		.2	1.2	.9	.7	.1	.1		.1									33	33	12	6
68/ 67		.5	1.2	1.1	1.3	.5		.1										47	47	14	12
66/ 65		1.2	1.2	1.7	.5	.5	.1											52	53	42	17
[illegible] 63	.1	3.6	2.5	1.7	1.5	.8	.2	.1										104	104	37	29
62/ 61	.3	3.0	1.4	2.0	.5	.5	.3	.1										82	82	84	51
[illegible] 59	.1	1.9	2.4	1.4	.5	.5	.1											69	69	86	68
58/ 57	.2	2.0	1.6	1.3	1.3	.3	.2	.1										73	70	72	68
56/ 55	.3	2.2	1.3	1.4	.3													55	55	79	63
[illegible] 53		1.5	1.3	1.4	.3													45	45	64	52
52/ 51	.1	3.2	1.4	1.7	.8													73	73	68	69
[illegible] 49	.2	2.2	2.0	1.2														56	57	76	77
[illegible] 47	.2	3.9	1.1	.8	.1	.2												63	63	83	83
46/ 45	.5	2.9	1.7	.6	.3													59	59	81	73
[illegible] 43	.5	2.2	1.0	.7	.1													45	45	61	73
42/ 41	.1	1.6	.8	.2		.1												28	28	44	66
[illegible] 39	.3	1.3	1.0		.1													32	32	36	56
38/ 37	.7	.8	.5															20	20	41	56
[illegible] 35	.7	.6	.3															16	16	26	40
34/ 33	.3	.3	.3															9	9	14	22
[illegible] 31																				3	29
[illegible] 29	.1	.2																3	3	5	13
28/ 27																				1	8
[illegible] 25																					3
24/ 23																					1
[illegible] 21																					3
[illegible] 19																					2
TOTAL	5.1	35.5	24.6	19.6	9.6	3.8	1.1	.6	.3									1017	1019		1017
																		1.17		1.17	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6423451	79593	78.3	13.827	1017							
Dry Bulb	3246218	56624	55.6	9.897	1019		.3	12.4	2.3			[illegible]
Wet Bulb	2143[illegible]	527.6	51.[illegible]	9.031	1017		.1	5.1				7
Dew Point	2491151	49337	48.5	9.807	1017		5.4	1.8				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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

PAGE 1
0601-0900 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
-/ 79					•1		•1											2	2		
74/ 77		•1		•2		•1												4	4		
72/ 75		•1	•3	•4	•5	•1		•1										15	15	1	
70/ 73		•2	•2	1•1	•9	•1		•4	•1									30	30	5	2
-/ 71		•4	•8	1•1	1•1	•5	•4	•2	•1									45	45	10	4
-/ 69		•5	•8	1•5	1•5	•3	•4	•2										50	50	15	10
66/ 67		•5	2•2	1•1	1•3	•8	•3	•2										64	64	28	9
64/ 65		1•1	1•6	1•7	•7	•3	•5											59	59	41	26
62/ 63	•1	2•3	2•1	2•1	•5	•7	•2											61	61	71	29
60/ 61	•2	2•3	1•7	1•8	1•9	•3												62	62	64	54
-/ 59	•2	2•3	2•5	1•2	1•3	•6	•1											63	63	90	64
-/ 57	•1	2•6	1•9	1•2	•9	•2	•1											71	71	91	77
55/ 55	•1	2•3	1•6	1•8	•9	•1	•1											69	69	88	85
52/ 53		2•2	1•3	1•6	•4	•2												57	57	83	76
50/ 51		2•7	2•5	1•0	•4													68	68	89	82
48/ 49	•2	1•4	1•7	1•3	•3	•1												50	50	81	76
-/ 47	•1	2•7	1•8	•6	•3													46	46	84	72
44/ 45		1•9	1•4	1•2	•2													47	47	88	88
42/ 43	•4	1•7	1•2	•6	•1													40	40	87	83
40/ 41		•5	•4	•5	•1													16	16	51	56
38/ 39	•4	•5	•6		•2													18	18	33	47
36/ 37	•2	•6	•2		•1													11	11	21	32
34/ 35	•2	•3	•1	•1														7	7	16	35
32/ 33	•3	•2																5	5	8	20
30/ 31			•1															1	1	3	15
-/ 29																				3	11
26/ 27	•1																	1	1	1	5
24/ 25																					4
22/ 23																					3
20/ 21																					1
18/ 19																					2
TOTAL	•5	29•4	25•8	21•4	13•1	4•3	2•2	1•1	•2									1022	1022	1022	1022

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5074453	77535	75•9	13•720	1022							
Dry Bulb	3502065	59027	57•8	9•538	1022		•2	17•9	4•5			93
Wet Bulb	2996428	54618	53•4	8•713	1022		•6	5•2	•4			93
Dew Point	2627623	50477	49•8	9•640	1022		5•8	2•3	•2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
61H WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747 | MARSHALL AAF KS | 66-71, 75-79 | MAY

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1930-1100 | 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
≥87 / 87									.1	.1		.2	.1					5	5		
87 / 83					.1	.2		.2				.2						7	7		
87 / 83				.1	.2	.1	.2	.4	.2	.2		.2						16	16		
87 / 81				.2	.6	.4	1.5	.5	.2	.5	.2	.4						42	42		
87 / 79			.1	.1	.3	.8	.6	.5	.5	.4	.6							47	47	1	
87 / 77				.3	1.0	2.1	.7	.3	.5	.2	.1	.1						55	55	1	
87 / 75			.2	1.1	1.5	1.3	1.2	1.3	.9	.4								79	79	7	3
87 / 73			.2	1.2	1.1	1.5	1.1	.5	.2	.6	.1							63	63	13	1
87 / 71		.2	.2	1.1	2.1	1.1	1.0	1.4	.7	.1	.1							60	58	34	7
87 / 69		.1	1.4	1.1	2.1	1.1	.9	.7	.1									73	73	52	16
87 / 67		.6	.9	.8	1.6	1.4	1.2	.5	.5									75	75	55	33
87 / 65		.8	1.3	1.2	1.9	.5	1.7	.6	.3									81	81	89	57
87 / 63		.9	1.1	1.8	1.5	1.7	.8	.4										81	81	87	65
87 / 61		.8	.3	.8	1.4	1.2	.9	.2										52	52	101	66
87 / 59		1.2	1.1	.7	.6	1.1	.3	.3										53	53	103	84
87 / 57		.7	1.3	1.2	.7	.6	.4	.1	.1									48	48	96	77
87 / 55		.7	.6	.6	.7	.7	.2	.1										36	36	76	75
87 / 53		1.6	.6	.1	.6	.7	.1											37	37	79	75
87 / 51		.1	.9	.3	.8	.2	.2											24	24	64	73
87 / 49		.6	.6	.3	.9	.2	.1											23	23	58	61
87 / 47		.7	.6	.5	.1		.2											21	21	35	55
87 / 45		.4	.2	.7	.2	.1												16	16	39	41
87 / 43	.1	.2	.2	.2		.2												9	9	22	31
87 / 41			.1															1	1	21	41
87 / 39		.1																1	1	13	31
87 / 37																				8	23
87 / 35																				3	34
87 / 33																					15
87 / 31																					12
87 / 29																					7
87 / 27																					4
87 / 25																					2
87 / 23																					1
87 / 21																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13967 STATION | MARSHALL AAF KS STATION NAME | 66-71,75-79 YEARS | MAY MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
TOTAL	.1	9.5	11.2	14.0	14.5	16.7	12.3	7.7	4.3	2.4	1.5	1.0	.1					1023			1023
																		1023		1023	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4[illegible]589	52549	6[illegible]	16.579	1023							
Dry Bulb	4042959	58197	69.7	9.727	1023			48.1	23.4	0.1		73
Wet Bulb	3[illegible]4166?	59617	53.3	8.191	1023			14.5	1.7			43
Dew Point	2[illegible]45d22	52952	51.8	10.134	1023		3.6	2.2	.4			95

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14947 — STATION
MARSHALL AAF KS — STATION NAME
56-71,75-79 — YEARS
MAY — MONTH
PAGE 1
12(00-14(00) — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
97/ 97																•1			1	1		
96/ 96																•1			1	1		
95/ 95															•1				1	1		
94/ 94										•2			•1	•2	•1		•1		6	6		
93/ 93							•1	•3		•3	•4		•2	•3		•1			14	14		
92/ 92					•1	•2	•3		•4	•4	•7	•2	•2	•2	•1				27	27		
91/ 91					•1	•4	•5	•7	1•3	•4	•7	•2	•3	•2					46	46		
90/ 90						•6	1•2	1•2	•8	1•0	•4	•2	•5	•3					53	53		
89/ 89					•4	•7	1•4	1•7	•5	1•3	1•3	•2	•4	•2					76	75		
88/ 88					1•1	1•3	1•5	•8	•5	•7	•6	•3	•1	•1					74	74	1	
87/ 87				•1	1•1	1•9	1•5	1•2	•9	•4	•5	•3							67	67	1	1
86/ 86					1•2	2•1	•9	1•3	•6	•4	•1								58	58	1	1
85/ 85				•6	•9	2•1	1•2	1•6	1•1	•5	•2								52	52	2	1
84/ 84				•9	•8	•5	1•3	1•3	•6	•2	•2								53	53	3	1
83/ 83			•1	•5	•5	•7	1•1	1•2	•7	•1	•1								49	51	7	4
82/ 82		•3	1•3	•8	•6	•8	1•1	•7	•9	•9	•1								58	54	9	3
81/ 81		•5	•1	•9	•4	•6	•4	•9	•7										41	47	7	2
80/ 80		•2	•4	•9	•5	•9	•7	•5	•2										43	43	13	7
79/ 79		•1	•4	•4	•6	•5	•9	•7	•1	•1									33	33	17	9
78/ 78		•4	•6	•5	•4	•4	•5	•6	•2										30	30	32	19
77/ 77		1•2	•8	•5		1•7	•4	•2											46	46	34	22
76/ 76		•4	•6	•1	•4	•5	•3	•4											26	26	50	29
75/ 75		•7	•7	•3	•5	•4	•2												28	28	63	35
74/ 74		•1	•4	•2	•2	•2	•2												13	13	46	64
73/ 73		•1	•1	•2	•1		•1												6	6	51	76
72/ 72	•2	•5	•2	•4															13	13	44	63
71/ 71	•1	•1	•1	•3															6	6	72	81
70/ 70		•2																	2	2	78	88
69/ 69																					15	50
68/ 68																					4	41
67/ 67																						29
66/ 66																						33
65/ 65																						22
64/ 64																						12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

...L CLIMATOLOGY BRANCH
USAFETAC
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

PAGE 2
12 00-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31					
[illegible]																						1
[illegible]																						3
[illegible]																						6
[illegible]																						5
[illegible]																						1
[illegible]	.5	4.7	6.1	7.1	10.4	16.4	15.4	15.2	8.4	6.1	4.9	1.4	1.6	1.2	.7	.3	.1		1.25			102[illegible]
																			112[illegible]		102[illegible]	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3121949	53479	52.4	17.666	1020							
Dry Bulb	5417373	73675	72.0	10.454	1023			66.8	49.4	25.5	.5	93
Wet Bulb	5[illegible]6413	61769	60.6	8.037	1020			29.1	5.9	.1		35
Dew Point	2382663	53155	52.1	10.512	1020		3.3	5.9	.6			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

13967 | MARSHALL AAF KS | 66-71,75-79 | MAY
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
1 / 99																	.1	1	1		
98 / 97																.1		1	1		
96 / 95															.1	.3		4	4		
94 / 93															.1	.1		2	2		
92 / 91								.2		.5		.1		.4	.1	.1		12	12		
90 / 89						.1		.1	.2	.2	.3	.1	.3	.3	.4	.1		27	27		
88 / 87							.2	.5	.5	1.0	.5	.5	.5	.4	.2			47	47		
86 / 85						.1	.6	.4	.2	.2	1.0	.4	.5					43	43		
84 / 83						.2	1.1	1.1	1.1	1.1	.5	.4	.1	.2	.1			58	58		
82 / 81					.5	.5	1.1	1.5	.5	1.3	.9	.6	.6					62	62		
80 / 79				.1	.4	.5	1.5	1.5	1.5	.9	1.0	.7	.1					63	63	1	
78 / 77					1.2	1.4	.9	1.0	.4	.7	.2	.2						65	66	3	1
76 / 75				.5	1.2	1.1	1.3	1.0	1.4	.4	.4	.5						51	61	14	
74 / 73			.1	.4	.6	.4	1.1	2.5	1.5			.7						68	68	26	
72 / 71		.1	.1	1.1	1.1	.5	1.5	1.3	.3	.6	.1							65	68	47	4
70 / 69		.1	1.2	.7	.6	.4	1.3	1.1	1.2	.4								67	67	63	16
68 / 67		.3	.4	.3	.4	.4	.2	.9	1.3	.8								45	45	107	25
66 / 65		.3	.7	1.1	.3	1.1	.4	.3	.4									56	56	105	61
64 / 63		.4	.6	.5	.3	.8	.5	.7	.3	.5								49	49	101	64
62 / 61		.2	.2	.5	.4	.1	.7	.4	.2									25	25	98	74
60 / 59		.4	.3	.2	.3	.1	1.2	.6	.1									37	37	107	65
58 / 57		.6	.6	.5	.3	.9	.4	.5										34	34	.79	59
56 / 55		.3	.3	.1	.2	.1	.1	.4										21	21	58	66
54 / 53		.4	.6		.1		.4											15	15	65	55
52 / 51			.3	.3	.3	.2	.1											12	12	37	55
50 / 49	.2	.3	.4	.1	.2													12	12	39	74
48 / 47		.1		.2														3	5	32	69
46 / 45		.3		.2														5	5	23	49
44 / 43																				7	50
42 / 41																				14	29
40 / 39																					35
38 / 37																					38
36 / 35																					41
34 / 33																					21

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	66-71,75-79	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥ 31																					17
29																					6
27																					7
25																					8
23																					2
TOTAL	.2	4.8	5.7	6.3	8.9	9.9	13.7	17.5	11.5	7.8	4.8	5.4	2.1	1.5	1.1	.7	.1		1.21		1020
																		1023		1024	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2895145	51101	50.1	18.133	1020							
Dry Bulb	5592973	74771	73.2	10.255	1021			69.5	52.1	29.1	.7	93
Wet Bulb	3840246	62150	60.9	7.638	1020			24.0	4.2	.1		93
Dew Point	2644376	52817	51.8	10.363	1020		3.2	4.6	.1			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 91														.1	.1			2	2		
[illegible] 89									.1			.1	.1	.3				6	5		
[illegible] 87								.1		.3								4	4		
[illegible] 85						.3	.5	.3	.2	.3	.4	.5	.2	.2				27	27		
[illegible] 83					.2		.5	.4	.2	.2	.3	.3	.1					21	21		
[illegible] 81						.2	.9	.7	.7	.4	.5	.4	.3	.1				41	41		
[illegible] 79				.2	.7	1.1	1.1	1.2	.5	.5	.2	.2						57	57		
[illegible] 77				.1	.8	1.6	1.4	.6	.7	.7	.3	.2						64	64	2	
[illegible] 75			.1	.0	1.4	1.4	.5	1.4	1.[illegible]	.6	.2	.1						73	73	3	
[illegible] 73			.2	.8	1.3	1.5	1.3	1.1	.7	.5	.1							75	75	14	2
[illegible] 71		.1	.6	1.3	1.1	1.0	.8	1.3	.6	.6								79	79	19	6
[illegible] 69			1.6	1.1	1.7	1.0	1.1	.7	.5	.2								77	77	5[illegible]	1
[illegible] 67		.2	1.5	1.1	1.4	.8	1.1	.6	.4	.2								73	73	79	19
[illegible] 65	.5	.7	1.1	1.2	1.1	.6	1.0	.7	.5									80	80	112	50
[illegible] 63	.2		.8	1.2	1.2	1.4	.5	.6	.2									61	61	88	63
[illegible] 61		.6	1.1	.8	1.2	1.0	.9	.4	.1									61	61	94	72
[illegible] 59		1.0	.6	.7	.7	.7	1.1	.3										51	51	109	71
[illegible] 57		1.0	.8	.8	.6	.8	.3	.2										45	45	135	72
[illegible] 55		1.0	.5	.2	.5	.8	.4	.1										35	35	72	75
[illegible] 53		.5	.8	.4	.5	.2												22	22	75	56
[illegible] 51		.2	.7	.3	.9	.4	.2											27	27	51	82
[illegible] 49		.3	.6	.6		.3	.1											19	19	51	67
[illegible] 47	.3	.2	.1	.3	.2	.2												13	13	35	76
[illegible] 45		.2	.2	.1														5	5	33	71
[illegible] 43					.1													1	1	21	37
[illegible] 41																				13	39
[illegible] 39																				[illegible]	36
[illegible] 37																				[illegible]	30
[illegible] 35																				1	36
[illegible] 33																					2[illegible]
[illegible] 31																					13
[illegible] 29																					5
[illegible] 27																					8
[illegible] 25																					4

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

13947	MARSHALL AAF KS	66-71, 75-79	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≤27 23																					4
27 21																					1
TOTAL	1.0	5.7	11.1	11.5	15.9	15.0	13.2	11.0	6.2	4.4	2.0	1.6	.7	.7	.1			1019	1019		1019
																				1019	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3698644	58683	57.6	17.716	1019							
Dry Bulb	4384670	69738	68.4	9.505	1019			54.7	33.8	11.5		93
Wet Bulb	3596054	60038	58.9	7.594	1019			15.2	1.7			93
Dew Point	2809568	52552	51.6	9.879	1019		2.9	3.1	.2			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]					.1	.2		.1		.1								5	5		
[illegible]						.4	.1	.4		.1		.1						11	11		
[illegible]				.2	.3		.7	.1	.2	.2	.1							18	18		
[illegible]			.4	.7	1.0	.5	.4	.2	.1	.2	.1							36	36		
[illegible]			.5	1.[illegible]	1.0	1.3	.3	.3	.5	.1								50	50	4	
[illegible]		.1	.4	1.[illegible]	1.3	.7	.5	.6	.3									49	49	11	3
[illegible]		.2	2.6	2.1	1.2	1.1	.6	.9	.1									68	68	21	9
[illegible]		.3	1.4	1.1	1.7	.9	1.4	.5	.1									74	74	36	13
[illegible]		1.3	2.4	1.3	.2	.6	.4	.2										61	61	70	54
[illegible]	.5	1.6	1.1	2.4	1.5	1.2	.1	.1										86	86	93	49
[illegible]	.1	.8	2.1	1.8	2.[illegible]	.7	.4	.2										81	81	72	65
[illegible]		2.4	2.5	1.8	1.[illegible]	.6	.4											87	87	72	66
[illegible]	.1	1.9	1.5	1.1	1.1	.8	.2											67	67	90	73
[illegible]	.2	2.5	1.[illegible]	1.[illegible]	1.6	.4												67	67	107	79
[illegible]		1.6	1.9	.7	.9	.5												56	56	97	81
[illegible]		2.[illegible]	1.4	.4	.7	.1												46	47	73	92
[illegible]	.1	.5	1.6	.8	.4	.4												38	38	67	71
[illegible]	.1	1.1	.8	.7	.5													32	32	46	68
[illegible]	.4	.9	1.4	1.[illegible]	.2	.1												40	40	54	78
[illegible]	.1	.5	.3	.2	.1													12	12	35	54
[illegible]		.6	.1	.2	.2													11	11	35	54
[illegible]	.1	.1		.1														3	3	19	39
[illegible]																				6	39
[illegible]			.1															1	1	3	27
[illegible]																				2	16
[illegible]																				1	11
[illegible]																					7
[illegible]																					5
[illegible]																					3
[illegible]																					2
[illegible]																					1
TOTAL	1.7	18.1	23.1	18.9	16.[illegible]	10.3	5.4	3.5	1.3	.7	.2	.1							1020		1019
																		1019		1019	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5.52117	71361	70.0	15.817	1019							
Dry Bulb	393674	62644	61.4	9.044	1020			30.2	10.9	.8		93
Wet Bulb	321471	58665	55.6	7.918	1019		.1	5.6	.4			93
Dew Point	272527	51849	50.9	9.297	1019		2.5	2.3				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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
1 [illegible] 99																	.2	1	1		
[illegible]97 97																.1		2	2		
[illegible]95 95															.0	.0		5	5		
[illegible]93 93															.2	.0		5	5		
[illegible]91 91								.1		.0		.0	.0	.1	.0	.0	.0	20	20		
[illegible]89 89						.0	.0	.1	.0	.1	.1	.0	.1	.1	.2	.2		52	52		
[illegible]87 87					.0	.0	.1	.1	.2	.2	.1	.1	.1	.1	.1			88	88		
[illegible]85 85					.0	.1	.2	.5	.2	.1	.3	.1	.1	.1	.0			120	120		
[illegible]83 83				.0	.0	.1	.3	.4	.2	.3	.1	.1	.1	.1	.0	.0		148	148		
[illegible]81 81				.0	.2	.3	.6	.6	.3	.4	.5	.2	.2	.0				248	248		
[illegible]79 79			.0	.0	.4	.5	.6	.5	.4	.5	.3	.2	.0	.0				275	275	5	
[illegible]77 77		.0		.2	.6	1.0	.6	.4	.3	.5	.1	.1						298	299	13	2
[illegible]75 75		.0	.2	.4	.9	.8	.5	.7	.5	.5	.1	.1						375	375	58	4
[illegible]73 73		.1	.2	.7	.8	.9	.6	.3	.5	.2	.0	.0						405	405	81	20
[illegible]71 71		.1	.4	1.1	1.2	.6	.7	.9	.3	.2	.0							449	449	193	44
[illegible]69 69		.1	1.3	1.2	1.2	.6	.7	.6	.3	.1	.0							508	510	291	85
[illegible]67 67		.4	1.2	1.0	1.1	.8	.7	.5	.4	.1	.0							504	505	448	147
[illegible]65 65	.1	.9	1.3	1.2	.9	.6	.6	.4	.2									501	503	597	291
[illegible]63 63	.1	1.4	1.2	1.5	1.1	1.0	.4	.3	.1	.0								584	584	646	405
[illegible]61 61	.1	1.2	1.1	1.2	1.1	.6	.4	.2	.1	.0								490	490	679	535
[illegible]59 59	.1	1.6	1.4	1.1	.7	.7	.5	.2	.1									499	499	700	533
[illegible]57 57	.1	1.4	1.2	.9	.7	.7	.3	.1	.1									433	433	699	546
[illegible]55 55	.1	1.6	.9	.9	.7	.4	.1	.1										590	590	612	555
[illegible]53 53		1.3	1.1	.6	.5	.2	.1											318	319	602	497
[illegible]51 51	.1	1.3	1.1	.6	.6	.1	.1											320	321	480	621
[illegible]49 49	.1	1.0	1.1	.7	.2	.2	.0											270	271	481	579
[illegible]47 47	.1	1.4	.6	.5	.2	.1	.0											235	235	390	505
[illegible]45 45	.1	1.1	.7	.7	.1	.0												223	223	369	623
[illegible]43 43	.2	.7	.4	.3	.1	.1												135	135	266	427
[illegible]41 41	.1	.5	.3	.2	.1	.0												82	82	197	365
[illegible]39 39	.2	.4	.3	.1	.0													79	79	152	328
[illegible]37 37	.2	.3	.1		.1													43	43	109	285
[illegible]35 35	.1	.1	.1	.1														29	29	54	279
[illegible]33 33	.1	.1	.0															17	17	29	162

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
MAY — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
32/ 31			•0															1	1	1	120
30/ 29	•0	•0																3	3	1	78
28/ 27	•2	•0																2	2	2	45
26/ 25																				1	32
24/ 23																					17
22/ 21																					19
20/ 19																					2
18/ 17																					4
TOTAL	1.7	17.0	15.3	15.1	13.2	10.5	8.7	7.2	4.1	2.7	1.6	1.0	.6	.4	.2	.1	.2	8157	8166	8157	8157

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37460595	530185	65.0	19.178	8157							
Dry Bulb	34698727	523599	64.1	11.690	8166		.5	319.5	196.1	75.2	1.2	744
Wet Bulb	26768523	461657	56.6	8.861	8157		2.1	97.3	12.3	.2		744
Dew Point	21795085	413729	50.7	9.968	8157		28.2	26.6	1.5			744

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

13947 | MARSHALL AAF KS | 56-71,75-79 | JUN
STATION | STATION NAME | YEARS | MONTH

 0000-2301
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 85											.1							1	1		
[illegible] / 87							.1		.1	.2								4	4		
87 / 85						.2	.1	.1	.2	.1								7	7		
9[illegible] / 83				.1	.3	.1	.2	.5		.1								13	13		
[illegible] / 81			.1	.1	1.4	.9	.8		.1	.1								55	35		
[illegible] / 79			.1	1.5	1.2	1.4	.2	.5	.1									49	49		
7 / 77			.6	.5	.9	.6	.7	.4										37	37	7	
[illegible] / 75		1.1	.8	1.5	2.7	1.6	.4	.2										90	90	13	1
47 / 73	.1	1.1	1.8	4.1	.7	1.1	.6	.3										93	93	59	11
[illegible] / 71	.3	.7	2.8	1.3	1.3	.9	.1											74	74	66	49
[illegible] / 69	.3	.7	3.9	1.0	2.1	.3		.1										75	75	74	46
[illegible] / 67	.4	1.7	4.1	1.9	.7	.5	.2	.1										96	96	128	49
[illegible] / 65	.2	2.3	2.4	1.2	.7	.5	.2											75	75	105	131
[illegible] / 63	.6	2.9	2.5	.5	.5	.3												73	73	107	116
[illegible] / 61	.4	3.4	1.4	.6	.1													59	59	105	70
[illegible] / 59	.4	3.1	1.9	.6	.4													64	65	85	111
[illegible] / 57	.7	2.6	1.2	.4	.1													50	50	75	111
[illegible] / 55	.3	1.1	1.3	.4	.1													32	32	61	82
[illegible] / 53		1.5	.6	.1	.1													23	24	35	56
[illegible] / 51	.2	1.1	.3	.1														16	16	33	41
[illegible] / 49	.2	.7	.1	.1														11	11	22	46
[illegible] / 47		.5	.2															10	10	12	29
[illegible] / 45		.3	.1															4	4	11	17
[illegible] / 43																				3	17
[illegible] / 41																				1	5
[illegible] / 39																					6
TOTAL	4.1	25.3	24.8	16.0	13.5	8.5	3.6	3.0	.9	.5	.1							988	990		988
																				988	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6[illegible]511[illegible]4	7[illegible]2076	77.0	13.995	988							
Dry Bulb	4621[illegible]89	67115	67.8	8.483	990			51.9	29.6	7.3		99
Wet Bulb	3[illegible]5465[illegible]	62148	62.9	6.780	988			30.5	6.1			90
Dew Point	3592045	59161	59.9	7.083	988			14.2	1.1			98

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JUN — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] 89													.1					1	1		
[illegible] 85									.1									1	1		
[illegible] 83									.1									3	3		
[illegible] 81			.1	.1	.0	.3	1.2	.1	.3	.1								28	28		
[illegible] 79				.9	.7	.6	.1	.3										26	26		
77		.2	.2	1.2	.6	.5	.2	.2	.1									32	32	1	
75		.7	1.0	.6	1.5	1.1	.5	.1										59	59	3	1
73	.1	.9	1.0	2.1	.6	1.1	.4	.3										65	65	57	0
71	.5	.6	1.9	2.6	1.5	.5	.2	.1										77	77	47	32
69	.7	1.3	3.6	1.2	1.4	.8	.2											92	92	62	47
67	.3	2.2	3.7	1.9	1.4													95	95	96	44
65	.3	3.1	2.7	1.8	.5	.2		.1										87	87	117	82
63	1.3	2.8	2.9	.7	.7	.2	.3											89	89	120	139
61	.8	3.1	1.1	.1	.5	.2		.1										59	59	105	79
59	.5	2.8	1.6	.7	.2	.1												60	61	103	110
57	1.1	4.2	1.4	.5														71	71	65	98
55	.4	1.3	.9	.4	.2													32	32	61	98
53	.7	2.1	1.4	.4														46	46	91	62
51	.2	1.3	.5															20	21	45	51
49	.5	.8	.3															16	16	34	51
47		1.1	.4															15	15	18	25
45		1.0																10	10	9	25
43		.3																3	3	12	14
41																				3	19
39																					2
37																					1
33																					1
TOTAL	7.0	38.1	25.0	15.4	10.6	5.7	3.2	1.5	.4	.1			.1						938		937
																		987		987	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6474616	78760	79.8	13.873	987							
Dry Bulb	4326191	64853	65.6	8.373	988			43.6	19.6	3.3		9[illegible]
Wet Bulb	3778426	61686	61.5	6.214	987			22.4	3.7			9[illegible]
Dew Point	3466[illegible].79	58153	58.9	7.226	987			11.9	.6			9[illegible]

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

13947 STATION | MARSHALL AAF KS STATION NAME | 65-71,75-79 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]							.1	.1	.1									5	3		
[illegible]						.1	.1	.2	.1	.1								6	6		
[illegible]				.1		.5	.2	.3	.1	.1								13	13		
[illegible]			.1	.1	.4	.6	1.1	.3	.3	.1								33	33		
[illegible]			.7	1.1	1.[illegible]	1.3	.5	.1	.1									48	48		
[illegible]		.2	.7	.9	1.[illegible]	1.3	.6	.3	.1									51	51	5	
[illegible]		.6	1.0	.8	2.6	1.0	.7	.5										72	72	18	7
[illegible]	.1	.3	1.2	3.2	1.5	.6	.3											72	72	48	15
[illegible]	.5	.6	2.3	3.1	2.[illegible]	.6	.3	.1										93	93	39	30
[illegible]		1.0	5.6	1.8	2.[illegible]	.9	.2	.1										115	116	78	41
[illegible]	.4	3.1	4.[illegible]	1.6	.9	.4												103	103	138	55
[illegible]	.2	2.2	2.9	1.3	.6	.2	.3	.1										78	78	153	113
[illegible]	.3	4.2	1.5	1.2	.6			.1										78	78	110	152
[illegible]	.5	2.2	2.[illegible]	.6	.1	.2												54	54	107	101
[illegible]	.1	2.[illegible]	1.2	1.3	.1													47	47	73	1.[illegible]
[illegible]	.4	2.2	1.1	.7	.2													46	46	69	97
[illegible]		1.7	.7	.5	.2													32	32	52	79
[illegible]		1.2	.5	.2														19	19	37	49
[illegible]	.1	.4	.3	.1														9	9	27	60
[illegible]		.6	.2															8	8	19	29
[illegible]		.2	.1															5	5	9	17
[illegible]		.3																3	3	3	15
[illegible]		.1																1	1	3	15
[illegible]																				1	4
[illegible]																					2
[illegible]																					1
[illegible]																					1
TOTAL	.2	23.3	26.2	18.9	13.[illegible]	7.7	4.5	2.2	.8	.3									968		967
																		987		937	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5432428	75372	76.4	13.386	987							
Dry Bulb	4672919	67505	68.3	7.839	988			55.6	27.1	5.6		90
Wet Bulb	3793248	62468	63.3	6.337	987			29.5	6.3			90
Dew Point	3620459	59433	60.2	6.776	987			13.5	2.0			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — 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
≥ 2/ 101															•1				1	1		
100/ 99													•1		•1				2	2		
98/ 97											•1	•1	•1	•1					4	4		
96/ 95											•2	•1	•1	•2					6	6		
94/ 93									•4	•5	•4								11	11		
92/ 91								•5	•4	•5	•5	•5							18	18		
90/ 89							•2	•4	•4	•4	•2								26	26		
88/ 87						•1	•6	1•3	•8	1•2	•5	•5	•1						44	44		
86/ 85					•2	•5	1•3	1•3	1•0	•5	•5	•2	•1						52	52		
84/ 83					•7	1•3	•9	2•3	1•1	•4	•4	•4							72	72		
82/ 81					•7	1•6	2•5	3•0	•7	1•1	•7								97	97	1	
80/ 79				•4	•7	2•5	3•5	2•2	1•2	•5	•5	•1							109	109	5	
78/ 77		•2	•5	•9	2•7	2•5	•8	•9	•5	•1									91	91	57	4
76/ 75		•1	•2	2•1	3•7	1•2	1•5	•7	•5										100	100	54	21
74/ 73		•1	•7	3•6	•9	1•1	•7	•6											77	77	98	25
72/ 71		•4	1•0	1•7	1•6	1•0	•4	•7											68	69	116	55
70/ 69		•2	1•8	•7	1•1	•5	•5	•3											48	46	145	67
68/ 67	•1	•4	1•0	•6	•9	•5	•5												40	40	149	119
66/ 65	•1	•2	•7	•9	•7	•8	•1		•1										56	36	89	151
64/ 63		•7	•6	•6	•7	•2	•3												31	31	81	127
62/ 61		•6	•5	•4	•3	•1													19	19	59	76
60/ 59		•5	•5	•4	•2	•1													18	18	47	66
58/ 57		•3	•6	•1	•1														11	11	39	92
56/ 55		•3																	3	3	28	48
54/ 53		•3																	3	3	19	39
52/ 51																					9	45
50/ 49																					1	32
48/ 47																						21
46/ 45																						14
44/ 43																						2
42/ 41																						1
40/ 39																						1
38/ 37																						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 AW 64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747 STATION | MARSHALL AAF KS STATION NAME | 76-71,75-79 YEARS | JUN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
Total	.2	4.5	8.4	14.7	18.1	15.0	13.0	9.3	6.5	3.5	2.2	.7	.5	.3	.2			987	988	987	987

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3[illegible]3298	611[illegible]4	61.9	14.257	987							
Dry Bulb	[illegible]27[illegible]1	75931	76.9	8.254	988			79.0	64.7	35.3	2.2	[illegible]
Wet Bulb	4[illegible]2113[illegible]	66538	67.4	6.[illegible]11	987			56.1	18.7	.1		[illegible]
Dew Point	38532[illegible]3	61281	62.1	7.005	987			28.7	4.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
7th WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12 47 — STATION
MARSHALL AAF KS — STATION NAME
66-71, 75-79 — YEARS
DEC — MONTH
PANEL 1 — HOURS (L.S.T.) 12 -14

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31													
[illegible]															•1			1	1											
[illegible]														•1	•2	•2		5	5											
[illegible]												•1		•2	•2			5	5											
[illegible]												•1	•7	•2	•7	•3		15	15											
[illegible]										•1	•5	•2	•3	•2				13	13											
[illegible]									•1	•9	•4	•7	•2	•1				25	25											
[illegible]								•3	•4	•8	•7	•5	•1	•1				31	31											
[illegible]							•4	•2	1•5	1•9	1•3	•7	•3					64	64											
[illegible]						•5	1•0	1•5	1•7	•7	•6	•5	•2					67	67											
[illegible]					•3	•4	1•2	2•4	1•5	•9	•5	•2	•1					55	55											
[illegible]				•1	1•0	1•7	2•1	1•7	1•4	•8	•5	•4						48	48											
[illegible]			•1	•2	1•0	1•2	2•0	1•-	1•4	•7	•4	•1						49	49											
[illegible]		•1	•2	•4	1•1	2•7	1•9	1•9	1•3	•8	•5	•2						134	134											
[illegible]			•1	•4	•-	2•3	1•-	1•1	•6	•9	•1							73	74	[illegible]	1									
[illegible]				1•1	2•-	1•1	•9	1•-	•6	•2								72	72	[illegible]	[illegible]									
[illegible]		•2	•1	•5	•-	1•-	•8	•5	•4	•1								48	49	1[illegible]	[illegible]									
[illegible]			•2	1•2	•2	•7	•8	•2	•4	•1								39	39	1•1	[illegible]									
[illegible]		•3	•4	•2	•3	•4	•4	•3										25	25	1•4	[illegible]									
[illegible]		•3	•3	•2	•3	•9	•7	•1	•1	•1								30	30	1•1	[illegible]									
[illegible]		•2	•3	•1	•7	•5	•2		•1									21	21	•8	1•6									
[illegible]		•1	•4	•6		•1	•4											16	16	1•2	1•4									
[illegible]		•2	•2	•3		•2												10	10	•4	1•5									
[illegible]		•6	•5	•3														14	14	•4	•9									
[illegible]		•3	•5															8	8	•2	•1									
[illegible]	•1		•2															3	3	•2	•3									
[illegible]		•3	•3															5	6	1•1	•5									
[illegible]																				1•2	•5									
[illegible]																				•4	•1									
[illegible]																					•2									
[illegible]																					1•									
[illegible]																					•2									
[illegible]																					•1									

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dr. Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13647 — STATION

MARSHALL AAF KS — STATION NAME

56-71,73-75 — YEARS

JUN — MONTH

PASS — HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
55 / 55																			
TOTAL	.1	2.6	3.9	5.7	9.1	13.2	15.9	14.4	12.8	9.0	6.3	5.5	2.1	.9	.1	.0		987	987

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3 47115	82231	83.3	14.911	987			34.8	17.9	6.1	0.7	
Dry Bulb	6754168	81102	82.1	8.912	988			34.8	17.9	6.1	0.7	
Wet Bulb	4787535	68551	69.4	5.957	987			64.9	31.8	1.2		
Dew Point	3513656	61720	62.5	7.409	987			30.2	5.7			

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

...AL CLIMATOLOGY BRANCH
USAFETAC
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1...47 | ...ARSHALL AAF KS | ...5-71,75-79 | ...
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 15...-17...
HOURS ...S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
...-71																.1	.1	5	5		
72-74													.3	.2	.1	.2		15	16		
75-77												.1	.3	.4	.2			11	11		
78-80									.1	.4	.6	.7	.4	.1	.1			23	23		
81-83									.0	.5	.2	.9	.3	.2	.1			27	27		
84-86								.1	.2	1.6	.9	.1	.2	.1				44	44		
87-89						.1	.2	.5	1.5	2.4	.7	.7	.3					67	67		
90-92						.9	.9	1.3	1.4	1.4	.6	.3	.4	.4				75	75		
93-95					.2	.8	1.5	2.0	2.3	1.5	1.7	.5	.3					12	12		
96-98					.2	1.2	2.4	2.1	2.0	.4	.5	.3						16	16		
99-101				.3	.6	1.3	1.7	2.3	1.3	.9	.4	.2						86	86		
102-104				.2	1.	1.5	3.0	1.7	1.5	.9	.5	.1						109	109	2	
105-107			.2	.3	.6	1.1	1.7	1.6	1.3	.9	.2							81	81	36	
108-110				.4	.3	1.2	1.3	.5	.2	.5								41	41	57	4
111-113		.1	.3	.5	.3	.5	1.3	.7	.4	.1								45	45	115	24
114-116		.1	.4	1.1	.2	.1	.4	.3	.1	.1								35	35	154	42
117-119		.1	.1	.5	.2	.3	.5	.3	.2	.1								23	23	118	45
120-122		.1	.5		.3	.6	.4	.1	.2									23	23	125	54
123-125		.1	.3		.7	.1		.4										21	21	104	1.5
126-128		.2	.3	.4	.1		.1											11	11	52	1.4
129-131		.5	.1	.2	.1													7	7	66	1.7
132-134	.2	.6	.3	.2														13	13	46	57
135-137		.1	.3															4	4	43	55
138-140	.1	.4	.3															9	9	16	63
141-143	.1																	1	1	14	71
144-146																				4	51
147-149																					41
150-152																					27
153-155																					17
156-158																					9
159-161																					3
162-164																					5
165-167																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15-47 MARSHALL AAF KS 66-71,75-79 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 15[illegible]-17[illegible]
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31									
TOTAL	.5	2.1	3.7	4.3	6.1	9.7	16.0	14.3	14.2	11.5	6.6	4.4	3.0	1.9	1.2	.5	.1						988	988	988	988

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7[illegible]2,637	5[illegible]647	51.3	15.077	988			85.9	79.8	65.3	11.5	90
Dry Bulb	6937045	82331	83.3	9.794	988			85.9	79.8	65.3	11.5	90
Wet Bulb	4929824	68642	69.7	5.766	988			64.9	33.5	1.7		90
Dew Point	3893692	61802	62.4	7.314	988			28.1	6.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14747 — STATION
MARSHALL AAF KS — STATION NAME
56-71,75-79 — YEARS
JUN — MONTH

PAGE 1 — HOURS (L. S. T.) 1600-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 27 101													•1					1	1		
1 07 99													•1	•1	•1			3	3		
987 97											•1	•1	•1	•1				4	4		
967 95									•1	•1	•1	•2		•1				6	6		
947 93								•1	•2	•1	1•1	•3						18	18		
927 91							•2	•5	•7	•7	•7	•4						31	31		
17 89					•1	•3	•5	1•2	1•5	•2	•3	•3	•1					45	45		
887 87					•2	•2	•7	1•5	•9	•3	•1	•3						42	42		
867 85				•2	•5	1•3	1•6	1•7	1•1	•8	•6	•3	•1					62	62		
847 83			•1	•6	1•1	1•6	2•1	2•0	•7	•4	•5	•2						92	92		
827 81			1•2	•6	2•7	3•1	1•4	•5	•5	•2								101	101	2	
807 79			•4	•9	2•2	3•4	•9	1•4	•6	•5	•1							105	105	13	1
787 77			•4	1•2	1•8	2•4	1•6	1•3	•7	•1								71	71	36	6
767 75		•2	•4	1•2	2•7	1•9	1•1	1•3	•2	•1								82	82	76	17
747 73		•2	•5	1•6	•7	1•3	•9	•9	•1									61	61	123	38
727 71		•4	•4	•9	1•1	1•2	1•1	•7		•1								54	54	126	44
707 69	•1	•2	•1	•5	•9	•9	•7		•1									35	35	141	74
687 67	•1	•3	1•5	•5	•7	•5	•3	•3										42	43	95	116
667 65		•3	•5	•5	•6	•4												23	23	97	123
647 63	•1	•9	•2	•5	•4	•2	•1											24	24	94	113
627 61	•2	•4	•6	•8	•1		•1											22	22	75	82
607 59		•6	•3															9	9	56	76
587 57	•2	•3																5	5	36	59
567 55	•1	•1	•1															3	3	24	63
547 53		•1	•1															2	2	11	70
527 51																				5	49
507 49																					23
487 47																					2
467 45																					7
447 43																					3
427 41																					4
407 37																					1
TOTAL	•4	4•1	5•7	10•8	13•9	17•2	15•1	14•0	7•7	4•0	3•8	2•0	•5	•3	•1			983	984	983	983

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3667765	58249	59.3	14.336	983							
Dry Bulb	6131499	77249	78.5	8.260	984			22.0	69.9	44.3	2.9	99
Wet Bulb	4591352	66932	68.1	5.983	983			54.4	23.1	.6		78
Dew Point	3561914	61222	62.3	7.161	983			27.1	5.7			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-71,75-79 — YEARS
JUN — MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
≥97 / 95											.1							1	1		
96 / 89									.1	.2	.1							4	4		
≥87 / 87							.7	.4	.4	.4	.1							20	20		
≥86 / 85					.3	.7	1.1	.4	.2	.3								39	39		
≥94 / 83			.1	.6	.4	.5	1.2	.4	.1									38	38		
≥92 / 81			.3	.5	.2	1.5	.2	.5	.5	.1								52	52		
≥90 / 79			.3	.5	1.7	1.4	.3	.7	.5	.3								55	55	2	
≥88 / 77		.1	1.2	1.1	2.9	1.7	.7	.6	.3	.2								88	89	16	3
≥86 / 75		.8	1.3	3.1	2.5	1.3	1.1	.3	.2									105	105	34	4
≥84 / 73	.1	1.1	.9	3.2	1.1	.7	.3											74	74	74	25
≥82 / 71	.1	.7	1.9	2.4	2.2	.9	.3											85	85	101	53
≥80 / 69	.1	.5	2.5	1.2	2.3	.6	.8											77	77	110	71
≥78 / 67	.1	1.4	3.9	1.7	.9	.7	.1											86	86	115	104
≥76 / 65	.1	1.3	1.6	1.5	1.3	.1		.1										60	60	105	131
≥74 / 63	.1	1.9	2.1	1.3	1.1	.1												66	66	106	95
≥72 / 61	.3	1.7	1.5	.9	.1	.1												46	46	80	89
≥70 / 59	.1	1.1	1.5	.6	.2	.1												36	36	81	91
≥68 / 57	.2	1.1	1.3	.4														30	30	56	92
≥66 / 55	.1	.7	.5	.1	.2													16	16	46	80
≥64 / 53		.5	.3	.1														9	9	26	44
≥62 / 51		.4	.2															6	6	17	30
≥60 / 49		.2																2	2	6	24
≥58 / 47																				5	6
≥56 / 45																					7
≥54 / 43																					1
≥52 / 41																					3
≥50 / 39																					2
TOTAL	1.3	13.7	21.5	19.5	18.5	10.5	7.4	3.5	2.2	1.5	.5								986		986
																		986		986	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	52 71039	70753	71.8	14.033	986							
Dry Bulb	5117613	70573	71.6	8.207	986			65.3	42.6	15.4	.1	90
Wet Bulb	4230437	64285	65.2	6.340	986			41.3	11.5			99
Dew Point	3770192	60592	61.5	6.884	986			22.5	3.3			90

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1547 — STATION
MARSHALL AAF KS — STATION NAME
66-71,75-79 — YEARS
JUN — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
105/105															.1			1	1			
104/103														.1	.1	.0	.0	10	10			
102/101												.0	.1	.1	.1	.0		23	23			
100/ 99												.0	.2	.1	.1	.0		31	31			
98/ 97									.0	.1	.2	.1	.1	.1	.1			44	44			
96/ 95									.1	.2	.1	.2	.1	.1	.0			64	64			
94/ 93								.1	.3	.4	.4	.1	.1	.0				105	105			
92/ 91						.0	.1	.2	.5	.7	.4	.1	.1					140	140			
90/ 89					.0	.2	.3	.6	.8	.4	.2	.1	.1	.1				219	219			
88/ 87					.1	.3	.6	.7	.8	.4	.4	.1	.1					300	300			
86/ 85				.1	.4	.7	1.1	.9	.7	.4	.3	.2	.0					372	372			
84/ 83			.0	.3	.6	.8	1.2	1.1	.5	.3	.2	.1						406	406			
82/ 81		.0	.1	.4	1.0	1.5	2.2	.8	.7	.4	.1	.0						569	589	9		2
80/ 79			.3	.9	1.4	1.8	.9	.9	.5	.4	.1							546	547	84		2
78/ 77		.1	.5	.9	1.5	1.4	.8	.7	.3	.1								503	503	213		6
76/ 75		.5	.6	1.3	2.2	1.1	.9	.7	.2	.0								601	601	425		114
74/ 73	.1	.5	.7	2.5	.7	.8	.6	.4	.1	.0								516	516	746		175
72/ 71	.2	.5	1.4	1.6	1.3	.7	.4	.2	.0	.0								499	500	747		354
70/ 69	.2	.5	2.2	.8	1.5	.7	.4	.1	.1	.0								495	496	876		516
68/ 67	.2	1.2	2.4	1.1	.9	.4	.2	.1	.0									504	505	915		720
66/ 65	.1	1.2	1.5	1.0	.6	.3	.1	.0	.0									386	386	810		984
64/ 63	.3	1.7	1.3	.7	.5	.2	.1	.1										378	378	736		957
62/ 61	.3	1.6	1.2	.5	.2	.1	.0	.0										296	286	634		673
60/ 59	.2	1.5	1.0	.5	.1	.0												246	248	507		658
58/ 57	.4	1.4	.9	.3	.1													225	225	393		672
56/ 55	.1	.7	.5	.2	.1													125	125	296		564
54/ 53	.1	.7	.4	.1	.1													102	103	199		455
52/ 51	.1	.4	.2	.1														51	51	136		368
50/ 49	.1	.3	.1	.0														37	37	82		264
48/ 47		.3	.1															28	28	44		156
46/ 45		.2	.0															17	17	23		116
44/ 43		.1																4	4	16		56
42/ 41																				5		42
40/ 39																						13

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 66-71,75-79 | JUN
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31					
5-/ 57																						6
5-/ 55																						6
54/ 53																						1
TOTAL	.2	.1	13.2	14.9	13.2	12.7	11.1	10.1	7.6	5.6	3.4	2.4	1.5	.8	.4	.3	.1	.2		7900		7895
																			7993		7895	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37248152	523792	66.4	17.757	7893							
Dry Bulb	44432 5	586659	74.3	10.547	7900			547.9	411.1	237.5	25.3	720
Wet Bulb	34689002	520400	65.9	6.921	7893			366.1	134.7	3.6		720
Dew Point	29971190	483034	61.2	7.213	7893			172.1	28.9			720

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-42	MARSHALL AAF KS	66-70,74-79	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
≥ 97	91									.1		.2	.1						4	4		
92-96	89										.2	.4							5	5		
87-91	87						.1	.2	.5	.2	.1								15	15		
82-86	85					.3	.7	.7	.5	.3	.1								26	26		
77-81	83				.3	1.8	1.3	1.4	.6										54	54		
72-76	81			.1	1.7	2.5	2.1	.9	.4	.1									78	78		
67-71	79		.5	3.3	2.8	1.4	.9	.7											98	98		
62-66	77	.4	.6	1.8	3.1	2.4	1.1	.4											103	103	1	
57-61	75	.6	1.5	4.2	3.9	1.8	.5	.2											121	121	17	1
52-56	73	1.7	2.2	2.7	1.1	.7	.6		.1										91	91	92	12
47-51	71	.1	3.2	3.1	3.3	1.5	.6	.1		.1									116	116	156	57
42-46	69	.3	1.9	2.9	1.8	.5	.2												80	80	214	164
37-41	67	.1	1.1	1.8	.4	.5	.2	.1	.1										46	46	171	165
32-36	65	.6	1.2	1.1	1.5	.3	.1	.2											45	45	96	145
27-31	63	.1	1.9	.5	.5	.6													37	37	88	129
22-26	61	.1	1.0	.8	.3	.3													25	25	47	117
17-21	59	1.2	1.2	.6															50	50	37	93
12-16	57	.3	.7	.1															11	11	27	44
7-11	55	.9	.5	.1															15	15	32	57
2-6	53	.4	.5																9	9	19	29
-3-1	51	.4	.2																6	6	11	51
-8--4	49	.1																	1	1	8	22
-13--9	47	.1																	1	1	3	8
-18--14	45																					6
-23--19	43																					3
TOTAL		1.3	15.3	17.6	17.0	17.3	12.5	8.1	5.5	2.8	.7	.4	.6	.1						1018		1018
																			1018		1018	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5401834	72612	71.3	14.760	1018							
Dry Bulb	556.466	74828	73.5	7.696	1018			76.6	54.4	21.6		93
Wet Bulb	4574447	68312	66.8	5.485	1018			52.4	10.0			97
Dew Point	4182525	64185	63.1	5.921	1018			31.2	1.2			95

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-70, 74-79 YEARS | JUL MONTH

PAGE 1 | 1300-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
87/ 87									.1	.1	.3							5	5		
86/ 85							.2	.4		.2	.1							6	9		
84/ 83						.1	.8	.5	.3	.1								17	17		
82/ 81				.1	1.0	1.0	1.4	.4	.1									40	40		
80/ 79			.1	.5	2.5	1.7	.9	.7										65	65		
78/ 77			1.1	1.6	2.5	2.0	.8	.9										85	85		
76/ 75		.3	1.3	3.2	4.5	1.3	.8	.4										117	117	4	
74/ 73		.4	2.3	3.6	1.4	.6	.5	.1										95	95	54	7
72/ 71	.1	3.2	4.0	3.6	1.5	.7	.3											135	135	101	19
70/ 69		3.7	5.2	2.3	.7	.5		.3										130	130	178	93
68/ 67	.2	3.4	2.9	1.8	1.4	.3												92	92	205	142
66/ 65	.4	2.2	1.6	.5			.2											47	47	135	116
64/ 63	.5	1.4	1.5	.9	.2		.1											46	46	104	147
62/ 61	.3	1.8	1.1	.4														36	36	66	103
60/ 59	.3	1.4	1.2	.5														34	34	48	95
58/ 57	.2	.5	1.1	.3														21	21	41	53
56/ 55	.1	.4	.5	.1														11	11	26	61
54/ 53		.5	.5															10	10	17	29
52/ 51		.6	.1															7	7	15	23
50/ 49		.8	.7															15	15	12	28
48/ 47		.3																3	3	11	15
46/ 45		.1																1	1	4	7
44/ 43		.1																1	1	2	12
42/ 41																					2
TOTAL	2.1	20.9	24.1	19.4	15.5	7.9	3.8	2.4	.5	.4	.4							1022		1022	
																		1022		1022	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6 38545	77315	75.7	13.628	1022							
Dry Bulb	5169491	72287	70.7	7.443	1022			71.9	59.4	9.3		93
Wet Bulb	4398894	66794	65.4	5.728	1022			48.9	4.8			93
Dew Point	3994462	63592	62.2	6.066	1022			23.5	.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 | MARSHALL AAF KS | 58-73, 74-79 | JUL

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
-47 / -42												.1						1	1			
-41 / -36											.2	.1						3	3			
-35 / -30								.1	.1	.1	.4							6	6			
-29 / -24							.2	.1	.5	.1								9	9			
-23 / -18					.2	.2	.7	.5	.2	.3								21	21			
-17 / -12				.2	.2	1.2	1.3	.4	.5	.1								39	39			
-11 / -6				.7	2.1	2.9	2.9	.3	.1									12	12			
-5 / 0			.3	1.5	2.9	3.1	1.9	.4	.1									45	45			
1 / 5		.1	.8	3.1	4.3	1.5	.5	.3			.1							127	127	4		
6 / 10		.1	2.5	3.4	3.7	1.3	.3	.1										110	110	26	2	
11 / 15		.8	2.6	4.5	1..	1..	.4		.2									107	107	97	15	
16 / 20	.1	2.1	3.2	3.5	1.4	.6	.5	.1	.1									119	119	172	32	
21 / 25		1.4	5.1	1.6	.7	.5		.1										101	101	1.1	154	
26 / 30	.1	2.2	3.2	.8	1..	.1	.2											77	77	1..	1.7	
31 / 35		1..	1..	.7	.4	.1												54	54	111	143	
36 / 40	.1	1.4	.5	.5	.3	.1												51	51	92	127	
41 / 45	.1	1.1	1..	.4	.2													55	55	48	94	
46 / 50	.3	.7	.8	.9														27	27	45	76	
51 / 55	.1	.2	.3	.2														8	8	31	..	
56 / 60	.1	.1	.1	.1														4	4	23	42	
61 / 65		.4	..															1	1	..	32	
66 / 70		.1	.2															3	3	7	24	
71 / 75		.2	.1															3	3	6	..	
76 / 80		.2																2	2	4	8	
81 / 85		.1																1	1	..	4	
86 / 90																					..	
TOTAL	.1	12.3	22.3	22.3	18.3	11.1	7.7	2.8	1.6	.5	.7	.2							1021		1021	
																		1021		1021		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	5577525	74265	72.7	13.124	1021							
Dry Bulb	5534517	74808	73.3	7.254	1021			7..1	52.1	18.0	.1	..
Wet Bulb	4816.32	60447	67.4	5.454	1021			5..8	11.6			..
Dew Point	4230001	64891	63.6	5.422	1021			32.9	1.5			..

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] / STATION — MARSHALL AAF KS / STATION NAME — 56-79, 74-79 / YEARS — JUL / MONTH

PAGE 1 — [illegible]-11.00 / HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31									
[illegible] / [illegible]																	.1	1	1						
[illegible] / [illegible]																.1		1	1						
[illegible] / [illegible]													.2	.2	.2			6	6						
[illegible] / [illegible]													.5	.3	.1			9	9						
[illegible] / 97											.9	.2	.4	.3				18	18						
[illegible] / 96									.1	.5	.5	.5	.6					[illegible]	23						
[illegible] / 95								.2	1.4	1.0	.5	.3						34	34						
[illegible] / 94							.1	.5	.7	1.8	2.2	.6	.2					61	61						
[illegible] / 93							.4	1.7	2.9	2.2	1.1	.5	.1					93	93						
[illegible] / 92						.4	1.0	3.0	3.3	1.9	.6	.2			.1			117	117						
[illegible] / 91						.6	3.5	2.7	1.9	1.2	.5	.2		.1				137	137						
[illegible] / 90				.1	.5	2.4	3.6	2.2	1.0	.7	.4	.2						111	111						
[illegible] / 89		.1	.1	.8	2.2	2.5	1.6	1.2	.6	.1	.1	.1						96	96	2					
[illegible] / 88				1.4	2.3	1.9	.7	.9	.5									78	78	31	1				
87 / 87			.6	.4	1.5	.8	.4	.9	.1	.2								57	57	93	4				
[illegible] / 86			1.3	.9	1.7	1.8	.5	.5	.3	.1								63	63	168	22				
[illegible] / 85		.5	.9	1.6	1.2	1.3	.5	.6										62	62	224	54				
[illegible] / 84		.1	1.3	.7	.5	.4	.5	.2										32	32	141	123				
[illegible] / 83		.3	.4	.1	.2	.4	.4	.2										20	20	87	104				
[illegible] / 82		.4	.4		.2	.6												16	16	84	146				
[illegible] / 81			.7	.2	.3	.1												18	18	54	120				
[illegible] / 80		.3	.3	.2	.3													11	11	42	107				
[illegible] / 79			.4	.1														5	5	27	67				
[illegible] / 78																				25	61				
[illegible] / 77																				21	43				
[illegible] / 76																				7	25				
[illegible] / 75																					17				
[illegible] / 74																					5				
[illegible] / 73																					1				
[illegible]	1.7	6.[illegible]	6.5	14.7	17.2	14.9	14.4	10.5	6.1	3.6	1.4	1.8	.9	.3	.1	.1		1023		1023					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]2589	59093	57.8	13.803	1023							
Dry Bulb	[illegible]32[illegible]	84687	82.8	7.824	1023			89.9	43.7	65.7	8.1	93
Wet Bulb	5236985	73205	71.4	5.148	1023			77.3	48.5	1.1		93
Dew Point	4447620	67158	65.6	6.164	1023			49.1	7.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747 — STATION
MARSHALL AAF KS — STATION NAME
66-70, 74-79 — YEARS
JUL — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
11 / 105																	.3		3	5		
1 e / 1 7															.1	.1	.3		5	9		
1 e / 1 5														.1	.2	.1	.3		7	7		
1 / 1 1													.1	.3	1.1	.5			28	28		
2 / 1 1												.2	.5	.6	.4	.5			23	23		
1 0 / 9 9											.5	1.4	1.2	.3	.4				46	46		
e / 9 7										.5	1.5	1.6	.5	.7	.1				53	53		
e / 9 5								.1	.4	2.8	1.8	1.8	.7	.1					93	93		
4 / 9 3							.7	1.2	2.1	2.4	2.6	1.7	.3						115	117		
/ 9 1						.2	1.4	1.3	2.3	2.7	1.5	.4			.1				104	104		
/ 8 7					.1	.4	2.5	2.0	1.7	1.4	.9	.4	.1	.5					101	101		
8 / 8 7					.1	1.4	1.8	2.0	1.4	.7	.1	.4							79	79		
e / 8 5					.1	1.6	1.5	1.2	.7	1.2	.5	.1							70	70		
8 / 8 3					1.2	1.8	1.5	1.7	.6	.6	.3								75	76		
/ 8 1				.1	.7	.8	.7	1.3	.3	.6	.2								47	47	12	
/ 7			.1	.7	1.3	1.3	.6	.9	.7	.4	.3								63	63	93	
7 / 7 7			.2	.5	1.4		1.1	.3	.3										43	43	150	11
6 / 7 5			.2	.6	.4	.3	.5	.1	.2	.1									22	22	210	5
4 / 7 3		.1		.5	.1	.5	.1	.5	.1										17	17	185	87
2 / 7 1		.2	.1	.3	.1		.7	.3	.1										17	17	115	99
0 / 6 9		.2	.2	.3	.2	.4	.2												15	15	96	142
8 / 6 7			.1	.1	.3														5	5	93	152
6 / 6 5			.3	.2	.2														7	7	55	119
4 / 6 3			.4																4	4	62	96
/ 6 1																					22	79
/ 5 9																					26	11
5 / 5 7																					7	4
5 / 5 5																						2
3 / 5 3																						1
1 / 5 1																						1
9 / 4 9																						1
7 / 4 7																						1
5 / 4 5																						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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
4[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

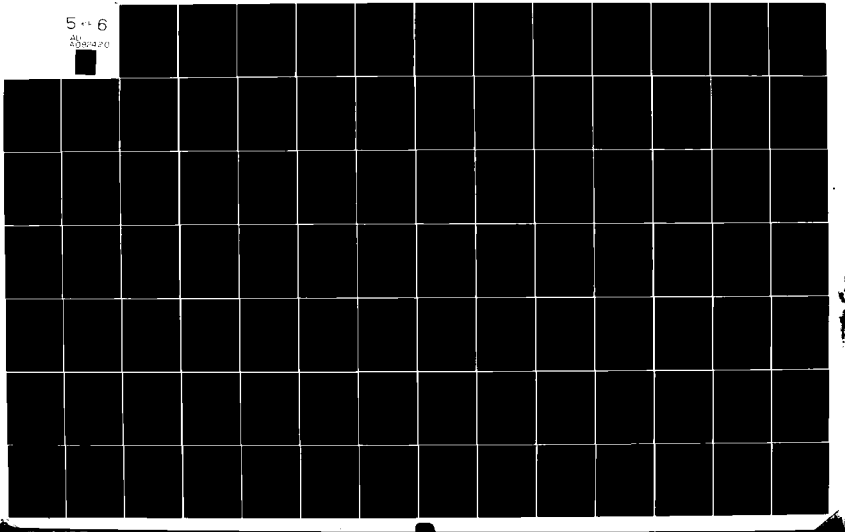
13947 — STATION
MARSHALL AAF KS — STATION NAME
56-71,74-79 — YEARS
JUL — MONTH
PAGE 2
12[illegible]-14[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TTL	.5	1.5	3.4	5.1	5.4	12.0	11.5	11.5	13.7	10.5	7.3	5.[illegible]	2.9	2.4	1.1	.9		1016	1017	1016	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2[illegible]5.6	4912.6	48.4	13.[illegible]6	1016							
Dry Bulb	[illegible]87197	89832	88.3	8.435	1017			97.0	58.6	28.5	1.7	
Wet Bulb	442739	74 48	72.9	5.[illegible]59	1016			21.3	5.6	3.8		
Dew Point	4[illegible]4535	66423	65.4	6.433	1016			47.0	11.9			

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

AD-A082 420 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MARSHALL AAF, MANHATTAN, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
FEB 80
UNCLASSIFIED USAFETAC/DS-80/028 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 | MARSHALL AAF KS | 68-70,74-79 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 13 00-17 00
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
127/111																	.5	5	5		
121/115																	.4	4	4		
117/107																.5	.5	8	6		
112/103														.2	.1	.4	.6	16	19		
108/103													.1	.2	1.1	.5	.1	22	22		
102/101											.1	.7	.9	.9	1.1	.2	.2	39	39		
97/96										.1	.1	1.4	1.6	.7	.4	.1		53	53		
97/91								.1	.4	.6	.7	1.4	1.4	.9				57	57		
97/85								.1	.1	1.4	2.5	2.7	.6	.3				70	69		
97/81							.1	1.7	1.5	2.5	2.6	2.2	1.0					119	120		
97/91						.1	1.4	2.3	1.5	2.8	.8	.4	.1	.2	.4			106	106		
97/89						.1	1.7	1.9	2.1	1.5	.7	.5						64	64		
97/87					.2	.2	2.1	1.1	1.9	.8	.8	.2						72	72		
97/85				.1	.6	1.0	1.5	1.7	1.2	.9	1.1	.2	.1					53	53		
97/83			.1	.2	.6	.7	1.9	1.2	.5	.2	.2							45	45	1	
97/81			.1	.2	.7	.9	1.3	1.7	.9	.8	.6							72	72	15	
97/79		.1	.1	1.1	.7	.6	.9	.6	.5	.5	.1							47	47	96	
97/77			.1	.8	.8	.2	.4	.1	.5	.4								29	29	141	19
97/75			.3	.5	.5	.1		.1		.3								18	18	200	44
97/73			.2	.5	.2	.2	.2	.2	.2									18	18	177	61
97/71		.2			.2	.2			.1									4	8	129	92
97/69		.3			.3	.2												5	11	92	124
97/67			.2		.3	.2												9	8	63	127
97/65			.3	.2	.1													5	5	34	126
97/63			.1	.1														2	2	25	117
97/61																				32	76
97/59																				12	67
97/57																				1	29
97/55																					45
97/53																					16
97/51																					15
97/49																					15
97/47																					13
97/45																					6

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 56-73,74-79 YEARS | JUL MONTH

PAGE 1 | 1500-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/45																					
TOTAL	.4	1.5	5.5	5.5	4.5	10.2	12.5	12.1	13.1	10.5	10.2	7.9	3.5	5.4	1.5	2.1		1119	1121	1119	1119

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2354771	46649	46.0	14.047	1019							
Dry Bulb	8281566	91498	89.7	8.512	1020			92.3	90.1	82.5	37.7	93
Wet Bulb	5468483	74460	73.1	4.927	1019			83.0	58.2	5.5		93
Dew Point	4346668	66210	65.0	6.622	1019			42.2	10.9			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-70, 74-79 — YEARS
JUL — MONTH

1a.m.-2(00) HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
1 [illegible]/107																.1	.2	3	5			
1 [illegible]/105																.1	.1	2	2			
1 [illegible]/103															.2	.2	.1	5	5			
2/101												.1		.1	.4	.1		7	7			
[illegible]/ 99												.1	.9	.5	.2	.2		15	14			
[illegible]/ 97									.1		.3	.5	.4	.4				17	17			
[illegible]/ 95									.2	.7	.4	1.3	.8	.5	.1			34	38			
[illegible]/ 93								.6	.4	.4	1.4	1.0	.1					47	47			
[illegible]/ 91						.1	.7	1.5	1.0	2.1	1.2	.7						73	73			
/ 89					.1	.5	1.4	1.6	2.4	1.1	1.1	.5	.2					85	86			
[illegible]/ 87					.1	.7	2.7	2.3	2.7	1.8	.6			.1				114	118			
[illegible]/ 85			.1	.1	.7	2.1	2.5	2.5	1.1	.5	.4		.1					99	99			
[illegible]/ 83				.5	1.5	1.9	1.1	1.4	1.4	.6	.2		.1					92	93			
[illegible]/ 81			.3	.8	1.6	1.8	1.2	.7	.4	.4	.2							55	55	7		
[illegible]/ 79		.1	.4	1.5	2.1	1.8	.7	1.5	.3	.4	.1							86	86	2[illegible]	1	
[illegible]/ 77		.1	.7	1.4	2.5	1.[illegible]	.8	.5	.5	.3								76	76	9[illegible]	7	
[illegible]/ 75			.6	1.2	1.1	.8	.2	.4	.5	.1								47	47	140	36	
[illegible]/ 73		.2	.8	1.5	.2	.5	.5	.2		.1								40	40	226	51	
[illegible]/ 71		.3	.6	.9	.8	.2	.7	.1	.1									32	32	155	98	
[illegible]/ 69		.1	.3		.7	.2	.2											15	15	138	133	
[illegible]/ 67				.1	.7		.2											11	11	79	119	
[illegible]/ 65		.1	.6	.3	.5	.3												18	18	55	148	
[illegible]/ 63				.5	.1													5	6	69	119	
[illegible]/ 61					.1													1	1	79	84	
[illegible]/ 59																				25	69	
[illegible]/ 57																				13	47	
[illegible]/ 55																				4	2[illegible]	
[illegible]/ 53																					10	
[illegible]/ 51																					26	
[illegible]/ 49																					14	
[illegible]/ 47																					2	
[illegible]/ 45																					6	
[illegible]/ 43																					2	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-70, 74-79 — YEARS
JUL — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.2	4.3	9.7	14.1	11.5	12.2	13.4	11.5	8.5	6.3	3.9	2.5	1.2	1.1	.7	.4	1225	1021	1024	1024

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3259341	55609	54.5	14.962	1020							
Dry Bulb	7287615	85876	84.1	7.959	1021			90.7	85.5	67.3	12.5	93
Wet Bulb	5216371	72777	71.4	4.376	1020			78.9	45.3	1.7		93
Dew Point	4336794	66192	64.9	6.361	1020			40.0	8.8			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-77, 74-79 — YEARS
JUL — MONTH

PAGE 1 — 2100-2500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
≥97														.2				2	2		
95-96													.2					2	2		
93-94										.1		.1	.5					7	7		
91-92								.1	.4	.2	.5	.1	.2					13	13		
89-90								.4	1.0	.5	.6	.1	.1					28	28		
87-88						.1	.4	.7	1.1	1.2		.1						59	59		
85-86					.2	2.0	1.9	1.5	1.5	1.1		.1						80	80		
83-84			.1	.2	.7	2.3	2.3	2.6	.6	.1								90	90		
81-82			.7	.1	1.5	2.7	2.8	1.4	.6	.3	.1	.1						109	110		
79-80			.4	1.6	2.5	3.7	1.5	.5	.9									110	110	1	
77-78		.2	.7	2.6	3.2	1.6	.5	.4										92	92	16	1
75-76		.5	2.2	2.6	1.7	.6	.7	.4										90	93	54	11
73-74		1.3	2.9	2.2	.6	.8	.7	.1										87	87	157	19
71-72		1.9	2.1	2.2	.9	.4	.4	.3										82	82	177	55
69-70		.8	1.7	1.1	.5	.7	.1	.1										49	49	222	135
67-68		.7	1.6	.6	.9	.3												41	41	120	172
65-66		.6	1.7	.4	.5	.3												31	31	84	157
63-64	.1	.6	.7	.4	.4													27	27	56	116
61-62		.4	.6	.5	.1													16	16	41	114
59-60			.4	.7														11	11	33	67
57-58			.5	.2														7	7	26	53
55-56		.1	.4															5	5	19	44
53-54			.1															1	1	9	34
51-52																				3	24
49-50																			1	1	17
47-48																					9
45-46																					3
TOTAL	.1	7.0	15.9	15.2	14.9	15.4	11.3	8.0	5.9	3.5	1.0	.6	1.0	.2				1021		1019	
																		1319			

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4599561	66705	65.5	15.128	1019							
Dry Bulb	5132269	78741	77.1	7.647	1021			34.0	68.3	39.3	1.7	93
Wet Bulb	4416794	69966	68.6	5.107	1019			6.2	20.4	.1		94
Dew Point	4197246	65129	63.9	5.922	1019			26.7	2.9			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-70,74-79 — YEARS
JUL — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
112/111																	.1		3	3		
11 /109																	.1		1	1		
1 /107															.2	.1	.1		16	16		
1 /105														.1	.1	.1	.1		28	28		
1 /103													.2	.1	.3	.1	.1		48	48		
2/101											.0	.1	.2	.2	.2	.1	.1		72	72		
1 /99										.0	.2	.4	.5	.5	.1	.0			126	126		
1 /97								.1	.1	.1	.4	.5	.4	.5	.1				147	147		
1 /95								.0	.3	.7	.6	.8	.4	.1	.1				233	233		
1 /93							.0	.4	.2	.8	.9	.7	.2						316	319		
1 /91						.1	.5	.6	.9	1.3	.6	.3	.1	.1	.1				364	364		
1 /89					.1	.1	.9	1.2	1.2	.7	.5	.2	.1	.0					402	402		
1 /87					.1	.4	1.3	1.3	1.2	.7	.5	.1		.1					444	444		
1 /85			.0	.0	.3	1.3	1.5	1.5	.8	.6	.3	.1	.1						495	495		
1 /83			.0	.2	.9	1.7	1.4	1.3	.6	.3	.1		.1						523	525	1	
1 /81		.1	.2	.3	1.5	1.8	1.7	1.0	.3	.3	.1	.1							599	600	1	
1 /79		.0	.2	1.1	2.2	2.1	.9	.8	.5	.2	.1								642	642	257	
2 /77		.1	.6	1.6	2.4	1.1	.7	.5	.1	.1	.0								592	592	491	41
3 /75		.2	1.3	2.1	2.1	.7	.4	.3	.1	.1									548	548	851	148
4 /73		.6	1.5	2.1	.7	.6	.4	.2	.1	.0									517	517	1203	301
7 /71	.1	1.4	1.9	1.8	.9	.4	.3	.1	.1										540	540	1146	575
1 /69	.1	1.1	2.0	.9	.6	.4	.1	.1											418	418	1190	1066
6 /67	.1	1.0	1.2	.5	.7	.2	.1	.1											295	295	937	1185
6/65	.1	.6	.8	.4	.4	.1	.0												206	206	606	1159
4 /63	.1	.7	.5	.4	.2	.0	.0												164	164	458	962
2 /61	.1	.5	.5	.3	.1														116	116	314	747
1 /59	.1	.4	.4	.3															102	102	251	593
1 /57	.1	.1	.3	.1															47	47	176	375
55/55	.1	.2	.2	.1															35	35	121	353
2 /53		.2	.2																27	27	55	207
1 /51		.1	.1																16	16	38	170
1 /49		.1	.1																19	21	27	145
1 /47		.1																	6	6	16	74
1 /45		.1																	2	2	6	51

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	66-70,74-79	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
97/ 93		.0																	1	1	2	5
92/ 91																						2
TOTAL	.5	7.5	11.7	12.1	13.0	11.1	10.3	9.2	7.9	5.5	4.1	3.1	1.9	1.1	.9	.4	.4		8158	8163	8156	8159

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33594172	501574	61.5	17.702	8158							
Dry Bulb	53 46317	652557	79.9	10.596	8163			676.4	562.2	380.0	91.1	744
Wet Bulb	39753234	567422	69.6	5.929	8158			555.9	257.4	12.0		744
Dew Point	33949761	523771	64.2	6.282	8158			302.4	44.9			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 66-70,74-79 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
≥ 97													.1					1	1			
95 - 96										.1	.4							5	5			
93 - 94									.4	.6								10	10			
91 - 92							.5	.7	.5	.1								18	18			
89 - 90						.3	.5	.7	.2	.2								25	25			
87 - 88				.2	.5	1.9	1.5	.5	.1	.1								51	51			
85 - 86				.5	2.1	3.5	1.5	.5	.3									79	79			
83 - 84			.8	1.3	2.6	.7	.7	.6										69	69			
81 - 82		.4	2.0	1.6	1.8	1.7	.5	.4										64	64	M		
79 - 80		1.3	1.9	2.1	1.2	1.3	1.3	.1										92	92	57	6	
77 - 78		1.7	3.8	1.8	1.8	1.7	.3											111	112	141	58	
75 - 76	.3	3.1	3.0	1.3	2.1	1.3	.2	.1										114	116	133	77	
73 - 74		2.3	1.6	1.2	1.3	.5	.9											74	75	151	134	
71 - 72	.1	2.0	1.7	.9	1.1	.2	.1											61	61	113	135	
69 - 70		2.1	1.2	1.0	.7	.1												51	51	93	94	
67 - 68		3.3	1.2	1.	.3	.2												60	60	103	121	
65 - 66		2.2	1.2	.7	.2													43	43	56	106	
63 - 64		1.7	.6	.														32	32	69	79	
61 - 62	.3	.6	.4	.2														15	15	43	84	
59 - 60		.5	.3															8	8	22	53	
57 - 58		.2	.3															5	5	22	59	
55 - 56		.1	.1															2	2	5	19	
53 - 54			.1															1	1	2	17	
51 - 52																			1	2	12	
49 - 50																					2	
47 - 48																					2	
TOTAL	.3	28.1	32.5	21.4	19.7	16.2	13.3	7.2	3.4	1.5	1.1	.4	.1					1009	1009	1009	1009	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5621067	73842	73.2	14.674	1009							
Dry Bulb	5167434	71554	71.0	7.794	1014			67.4	39.6	14.1	.1	93
Wet Bulb	4293165	65551	65.0	5.855	1009			43.2	6.0			93
Dew Point	3647139	61973	61.4	6.358	1009			23.5	.6			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

13747 — STATION
MARSHALL AAF KS — STATION NAME
66-70, 74-79 — YEARS
AUG — MONTH
PAGE 1
1300-0500 — 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
≥87/87										.2								2	2		
86/85								.3										3	3		
84/83						.1	.1	.6	.1									9	9		
82/81					.2	.8	.7	.1	.1									17	17		
80/79				.2	.8	2.0	.7	.1										38	38		
78/77			.1	1.3	3.2	1.6	1.1											73	73		
76/75		.4	1.4	2.7	2.9	.5	.4											83	83		
74/73		1.4	2.3	2.0	.8	1.1	.3											79	79	24	
72/71	.2	1.9	2.2	2.6	1.3	.7	.7											96	96	91	23
70/69	.1	2.7	2.8	2.2	2.9	1.0												117	117	140	65
68/67	.8	4.7	2.8	1.8	1.9	.4												125	125	117	123
66/65	.2	2.0	1.8	1.4	1.4	.5												77	77	128	142
64/63		2.2	1.2	1.0	.5	.1												53	53	95	111
62/61	.7	3.5	1.8	1.4	.5	.2												71	71	112	99
60/59	.1	3.1	1.3	.1	.4													50	50	86	139
58/57	.1	2.8	.9	.7														45	45	70	73
56/55	.2	2.1	.5	.8														39	39	59	93
54/53	.2	.7	.2	.1														12	12	34	55
52/51		.9	.3															12	12	25	53
50/49		.4																4	4	16	29
48/47		.5	.1															4	4	6	23
46/45		.2																2	2	2	17
44/43																				2	4
42/41																					2
40/39																					1
TOTAL	2.5	29.1	19.0	18.5	16.7	8.7	4.0	1.1	.2	.2									1011		1311
																		1011		1011	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5259352	73406	77.6	13.291	1011							
Dry Bulb	4767873	69719	68.3	7.452	1011			59.1	28.7	4.5		93
Wet Bulb	4114694	64211	63.5	6.722	1011			34.2	2.2			57
Dew Point	3754297	61275	60.6	6.334	1011			17.6				71

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

13 47 — STATION
MARSHALL AAF KS — STATION NAME
66-70, 74-79 — YEARS
AUG — MONTH
PAGE 1
0700-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 89									.1									1	1		
87-88								.1	.1	.1								3	3		
85-86						.1	.2	.5										8	8		
83-84					.1		.7	.5	.2									15	15		
81-82				.5	.7	2.0	.9											39	39		
79-80			.2	.4	1.6	2.0	.2	.1										45	45		
77-78			.4	1.0	3.0	1.2	.7	.1										72	72		
75-76		.2	1.4	1.8	2.1	.9	.5											68	68	1	
73-74		.7	3.4	3.2	1.2	1.5	.2	.1										104	104	46	6
71-72	.3	2.6	2.9	1.7	1.5	.9	.1											102	103	104	29
69-70	.2	3.7	2.4	1.7	2.2	.9	.2											106	105	156	61
67-68	.5	3.8	2.9	1.4	1.7	.4												113	115	116	141
65-66	.1	2.6	3.4	2.2	1.5	.3												102	102	116	144
63-64		1.9	1.3	1.4	.7	.1												54	54	109	95
61-62	.6	3.2	1.4	1.4	.6													72	72	99	99
59-60	.2	1.8	.6	.2	.4	.1												33	34	42	121
57-58	.2	1.7	.6	.5	.3													31	31	69	94
55-56		1.7	.3	.2	.1													23	25	42	74
53-54	.1	.5	.2	.1														9	9	31	64
51-52	.1	.5	.1															8	8	19	56
49-50		.3																5	5	7	20
47-48		.3																5	5	5	15
45-46			.1															1	1	2	14
43-44																				1	1
41-42																					5
≤ 39																					1
TOTAL	2.4	24.9	21.5	18.4	17.1	10.2	3.5	1.4	.4	.1								1015	1017	1015	1015

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	615,716	77930	76.8	13.189	1015							
Dry Bulb	4959268	70622	69.4	7.369	1017			61.9	32.5	8.0		93
Wet Bulb	4252651	65425	64.5	5.915	1015			37.6	4.9			93
Dew Point	3375341	62393	61.5	6.280	1015			23.5	.5			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

13-47 | MARSHALL AAF KS | 66-70, 74-79 | APR
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
120/111													.1					1	1		
112/99												.1	.2	.2				5	5		
107/97											.2	.2	.5					10	10		
102/95										.7	.2	.7	.2					13	13		
097/93									.3	.2	.8	.1	.2					16	16		
092/91								.4	1.2	1.1	.8	.3	.2					45	45		
087/89							.4	1.6	.9	1.1	.4	.2						53	53		
082/87						.5	1.5	1.6	.7	.5	.4							52	52		
077/85					.3	2.2	2.6	1.3	.7	.7	.2	.1	.1					87	87		
072/83				.2	.5	2.2	2.0	1.1	.4	.5	.3		.1					80	80		
067/81				.5	1.5	2.5	1.2	1.6	.5	.3	.1							85	85		
062/79			.6	1.2	2.5	2.3	1.1	1.9	1.3	.4	.1							111	111	5	
057/77		.1	.5	.9	2.4	1.4	1.4	.6	.2	.1								85	85	41	
052/75		.4	1.3	1.2	2.3	1.2	1.6	.5	.2									87	98	109	17
047/73		.7	1.6	1.9	.8	1.2	1.1	.5										81	81	161	52
042/71	.2	.7	1.1	1.3	1.4	.5	.4	.5										91	91	152	76
037/69	.2	.2	1.7	1.3	.9	.7	.4											51	51	123	155
032/67	.2	.4	1.1	.6	.7	.4	.2											36	36	122	156
027/65		.6	.4	.6	.2	.1	.2	.1										29	29	99	145
022/63		.6	.5	.7		.1	.2											21	21	84	84
017/61		.3	.3	.1		.2												9	9	55	57
012/59	.2	.3	.2															7	7	44	43
007/57				.1														1	1	20	7
002/55																				2	14
997/53																				1	36
992/51																					32
987/49																					
982/47																					11
977/45																					4
972/43																					2
967/41																					3
TOTAL	.4	4.3	9.1	10.0	19.5	15.4	14.5	12.3	7.5	5.3	3.5	1.7	1.7	.2					1012		1011
																		1011		1011	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	5932317	61023	60.4	15.702	1011							
Dry Bulb	6407397	80107	79.2	8.102	1012			56.8	23.2	45.9	4.1	45
Wet Bulb	4725615	69857	69.9	5.387	1011			53.7	28.9			44
Dew Point	4599575	64733	63.3	6.597	1011			35.8	3.9			35

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

12-41 | MARSHALL AAF KS | 66-70, 74-79 | JUL
STATION | STATION NAME | YEARS | MONTH

PART A | 12-14 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
1 /1																.1					1	1		
2 /1															.2	.2					4	4		
1 /1													.1	.2	.2	.4	.1				14	14		
2 /1												.4	.2	1.1	.2	.1					25	25		
2 /1											.4	.9	.6	.4	.4						25	25		
6 / 9										.4	.2	1.4	.8	.2	.2	.1					51	51		
5 / 9								.1		.2	.4	1.4	.7	.7	.4						50	50		
4 / 9								.5	2.8	1.9	1.4	.4	.2	.5	.2						72	72		
7 / 9						.1	.5	1.5	1.8	.4	1.0	.4	.2	.2	.2						71	71		
1 / 9						.2	1.1	2.3	1.2	.7	.8	.9	.2	.5							68	68		
2 / 9						.6	2.2	2.1	1.5	.8	1.1	.7	.2	.5							45	44		
3 / 8					.1	1.0	1.2	1.7	.5	2.1	.5	.4	.1	.1							42	45		
4 / 8				.1	.1	.5	1.2	1.1	2.1	1.2	1.7	.9	.1								43	43		
7 / 8					.2	1.2	1.0	1.1	.7	.5	1.1	.5	.2								55	54		
7 / 7			.5	.4	1.2	1.8	.4	1.1	.4	.8	.2										57	58	55	
1 / 7			.4	1.1	1.4	.5	.8	1.1	.3	.1											56	56	119	5
0 / 7		.3	.5	.6	.4	.6	.4	.6	.2	.1											57	43	138	3
4 / 7	.1	.1	.6	.8	.5	.4	.4	.3	.3												59	59	154	55
1 / 7		.4	.7	.6	.4	.1	.3	.2													56	56	135	54
0 / 6			.6	.1	.2	.3	.2	.1													16	16	129	151
1 / 6		.2	.2	.2	.2	.1	.2	.2													14	14	131	151
2 / 6		.1	.4	.2	.1		.1	.1													13	13	79	112
4 / 6		.3	.4	.1																	8	9	71	85
1 / 5	.1	.1	.1	.1																	4	4	55	79
1 / 5	.3																				5	5	75	71
0 / 5			.1																		1	1	17	70
3 / 5																							4	54
4 / 5																							3	56
2 / 4																								3
3 / 4																								21
2 / 4																								17
3 / 4																								15
4 / 4																								6
2 / 4																								2

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747 — STATION
MARSHALL ARF KS — STATION NAME
[illegible] — YEARS
[illegible] — MONTH
[illegible] — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31						
[illegible]	.5	1.5	4.6	4.9	6.1	8.2	11.3	15.[illegible]	11.[illegible]	11.5	[illegible].1	6.5	[illegible].9	4.7	5.1	.9	.1						

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	273,591	[illegible],325	49.[illegible]	1[illegible].522	1008							
Dry Bulb	7424[illegible]	98161	8[illegible]	9.[illegible]35	1011			[illegible].6	44.5	6[illegible].4	[illegible].1	
Wet Bulb	[illegible] 67454	71[illegible]2	7[illegible].7	5.[illegible]	1008			[illegible].9	41.[illegible]	1.[illegible]		
Dew Point	4 [illegible]	53544	65.[illegible]	7.[illegible]	1008			55.7	8.5			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 M7 — STATION
MARSHALL AAF KS — STATION NAME
50-71, 74-79 — YEARS
JUL — MONTH
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																.2	.4	5	[illegible]		
[illegible]														.1	.1	.6	.2	6	3		
[illegible]													.1	.3	.5	.3	.2	19	19		
2/ 1 [illegible]												.3	.4	.5	.3	.2		26	[illegible]		
[illegible]										.1		.3	.5	.4	.7	.2		33	23		
[illegible]										.2	1.1	1.1	1.5	.5	.6			47	47		
[illegible]									.9	1.4	1.2	.1	.6	.4	.7			56	56		
[illegible]								.1	1.3	2.4	2.2	.5	.4	.4	.2			75	75		
[illegible]							.3	1.2	1.7	.8	.4	.2	.4	.2	.1			92	[illegible]		
[illegible]					.1	.1	1.1	2.3	1.7	1.6	1.3	1.4	.3	.5				1 4	1 5		
[illegible]					.3	.7	2.1	2.3	1.5	1.5	2.1	.6	.2	.3	.1			[illegible]	[illegible]		
[illegible]					.2	1.5	1.3	.1	.7	1.4	1.4	.4	.4					73	73		
[illegible]					.1	1.1	.7	1.1	1.1	1.6	1.3							71	71		
[illegible]		.1		.3	.5	.9	2.2	1.3	1.1	1.1								[illegible]	[illegible]	[illegible]	
[illegible]			.2	.5	1.1	1.7	1.1	1.2	.4	.1								55	55	[illegible]	[illegible]
7/ 7 77		.1	.2	.5	1.4	.7	.7	1.1	.5		.4							56	56	[illegible]	[illegible]
[illegible]	.1		.2	1.1	.5	.5	.5	.4	.2	.3								34	38	155	[illegible]
[illegible]	.1	.1	.2	.6	.5	.5	.6	.2	.4									42	42	137	41
[illegible]		.2	.2	.2	.1	.2	.4	.2	.2									17	17	115	77
[illegible]		.2	.3		.1		.3	.1	.2									14	14	123	1.6
[illegible]			.4	.2														6	0	112	1.6
[illegible]		.3	.1															4	4	96	1.5
[illegible]			.4	.2														6	6	53	03
[illegible]		.1	.1	.1														3	3	32	71
[illegible]	.1	.2																3	3	22	60
[illegible]		.1																1	1	10	65
[illegible]		.2																2	2	5	75
[illegible]																				3	46
[illegible]																					42
[illegible]																					25
[illegible]																					11
[illegible]																					16
[illegible]																					7
[illegible]																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
55-7[illegible],74-79 — YEARS
AUG — MONTH

PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.7	1.6	2.9	5.7	5.4	7.1	11.3	12.5	11.1	12.5	11.4	5.1	4.9	3.4	3.9	1.3	.9	1.11	1013	1011	1011

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2[illegible]59757	47985	47.5	18.092	1011							
Dry Bulb	7[illegible]7370	87[illegible]8	86.4	8.964	1013			91.3	57.5	13.1	24.1	93
Wet Bulb	5.[illegible]3397	71[illegible]33	7[illegible].8	5.383	1011			78.9	40.2	1.4		93
Dew Point	4.10[illegible]58	63232	62.5	7.451	1011			33.3	5.4	.1		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

13747 STATION | MARSHALL AAF KS STATION NAME | 66-73, 74-79 YEARS | AUG MONTH

PAGE 1 | 18[illegible]-21[illegible] 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
[illegible]																.1		1	1		
[illegible]															.2	.1		3	5		
[illegible]													.2	.1	.2	.1		5	5		
[illegible]											.1	.1	.1	.3	.2		.2	10	10		
[illegible]										.1	.1	.1	.2	.3	.1		.1	10	10		
[illegible]										.2	.3	.6	.7	.2				19	19		
[illegible]									.2	.9	.7	.6	.4	.1				29	[illegible]		
[illegible]								.[illegible]	.9	1.0	1.[illegible]	.4	.3					46	46		
[illegible]						.1	.3	1.3	1.4	.5	.7	.4	.2					50	[illegible]		
[illegible]					.1		[illegible]	2.0	.7	.7	.6	.1	.1					61	61		
[illegible]					.4	1.6	2.4	1.6	1.2	1.3	.7	.1	.1	.1				67	67		
[illegible]				.3	1.7	1.5	1.1	1.[illegible]	1.7	.9	.3	.1						86	65		
[illegible]				.6	1.9	1.9	2.[illegible]	1.1	1.7	.9	.4	.2						101	1.1		
[illegible]			.3	1.2	1.7	2.3	1.2	1.3	1.1	.6								94	94	3	
76 / 77			.3	2.2	2.1	.9	1.7	1.5	.1	.2								91	91	36	
66 / 76		.1	1.5	1.5	1.1	.7	1.3	1.3	.4	.2								84	84	122	101
54 / 75		.2	1.1	2.1	1.3	.9	.6	.3										63	53	139	37
[illegible] / 71	.1	.5	1.1	1.1	.3	.7	.8	.1	.1									48	48	157	72
[illegible] / 69		.6	.9	.9	.4	.5	.3	.3										39	39	137	119
[illegible] / 67			.4	.6	.5	.3	.5	.2										25	25	126	135
61 / 65		.4	.3	.4	.4	.2	.1											18	18	98	101
47 / 63	.1	.4	.3	.7	.2	.1												18	18	79	35
[illegible] / 61		.1	.3		.1		.1											6	6	54	74
[illegible] / 59		.3	.1															4	4	30	79
[illegible] / 57		.2																2	2	29	89
54 / 55					.1													1	1	8	72
[illegible] / 52																				3	52
[illegible] / 51																				[illegible]	56
[illegible] / 47																				1	23
[illegible] / 47																					15
[illegible] / 45																					9
[illegible] / 43																					1
[illegible] / 41																					7
[illegible] / 39																					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

13947 — STATION
MARSHALL AAF KS — STATION NAME
5c-7[illegible],74-7[illegible] — YEARS
AUG — MONTH

PAGE [illegible] 1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	.2	2.8	6.3	11.6	11.[illegible]	11.[illegible]	14.[illegible]	13.5	9.4	7.4	4.8	2.7	2.4	1.1	.7	.3	.3	1011	1011	1011	1011

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3472115	56897	56.3	16.352	1011							
Dry Bulb	6652251	81579	80.7	8.298	1011			98.5	78.2	52.2	7.1	93
Wet Bulb	4[illegible]361[illegible]2	69716	68.[illegible]	5.327	1011			94.6	77.8			93
Dew Point	3998369	63183	62.5	7.[illegible]16	1011			33.8	3.7			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-71, 74-79 — YEARS
APR — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 97														.1				1	1		
87/ 93												.4	.2					6	6		
82/ 91											.7							7	7		
77/ 89							.1	.2	.1	.4	1.0	.2						20	21		
72/ 87							.5	.9	.7	.3	.5							21	21		
67/ 85						.4	.7	.8	.5	.3	.1							28	28		
62/ 83					.5	1.3	2.7	1.7	.7	.2	.4	.2						72	72		
57/ 81					.2	1.4	3.4	.3	.5	1.1	.3							54	54		
52/ 79				.3	1.3	1.5	1.2	.5	1.2	.6								67	68		
47/ 77				.9	2.1	1.7	1.1	.9	.7									73	75	4	
42/ 75		.2	1.5	3.9	1.9	1.3	1.6	.4	.2	.1								111	111	35	1
37/ 73		.6	2.5	2.4	1.2	1.6	.8	.5	.1									97	97	114	17
32/ 71	.2	1.9	2.4	1.5	2.0	1.0	1.0	.4										95	95	155	48
27/ 69	.6	2.1	2.7	1.4	1.6	.7	.3	.1										94	94	146	110
22/ 67		1.7	1.8	.9	.8	.8	.1											60	60	121	151
17/ 65		1.5	1.5	1.1	.9	.3												51	51	120	117
12/ 63		1.4	.9	.6	.5	.3												38	38	95	59
7/ 61		1.9	1.0	.5	.3	.1												58	58	75	98
2/ 59		.9	.8	.5	.2													25	25	69	135
-3/ 57		.7	.5	.1	.1													14	14	41	91
-8/ 55		.2	.2		.1													5	5	27	72
-13/ 53		.1		.1														2	2	18	41
-18/ 51			.3															3	3	5	47
-23/ 49																				1	25
-28/ 47																				1	13
-33/ 45																					12
-38/ 43																					5
TOTAL	.2	11.9	17.1	16.6	15.5	14.7	9.0	6.3	3.5	1.9	2.3	.6	.2	.1				1012	1013	1012	1012

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4141564	68906	68.1	15.729	1012							
Dry Bulb	5427771	75077	74.1	7.924	1013			76.8	54.0	25.2	.5	93
Wet Bulb	4513458	67342	66.5	5.651	1012			51.2	14.1			93
Dew Point	3451061	62889	62.1	6.517	1012			30.1	1.7			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

13947 — STATION
MARSHALL AAF KS — STATION NAME
56-70, 74-79 — YEARS
AUG — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 107																.1	.1	7	7		
[illegible] / 105														.1	.2	.1	.1	13	13		
1[illegible] / 103													.3	.1	.2	.2	.3	36	36		
[illegible] 27 / 101												.1	.2	.2	.2	.1		59	59		
1[illegible] 97										.0	.1	.1	.2	.2	.2	.1	.3	61	61		
[illegible] / 97										.1	.3	.3	.3	.1	.1	.3	.3	98	98		
[illegible] / 95								.1	.0	.4	.3	.5	.3	.2	.1			138	138		
[illegible] / 93								.1	.5	.6	.5	.2	.2	.1	.1			199	199		
[illegible] / 91						.1	.1	.5	.7	.4	.5	.2	.2	.0	.1			216	216		
[illegible] / 89					.1	.0	.5	1.1	.8	.5	.6	.4	.1	.1				318	319		
87 / 87					.3	.2	1.0	1.0	.6	.6	.5	.2	.1	.1	.1			351	352		
[illegible] / 85					.1	.5	1.1	1.0	.5	.7	.4	.1	.1	.1				401	402		
[illegible] / 83			.0	.1	.5	1.1	1.0	1.0	.7	.7	.4	.1	.0					449	449		
[illegible] / 81		.0		.5	1.1	1.5	1.4	.8	.7	.5	.1	.0						525	525	8	
[illegible] / 79			.2	.7	1.5	2.2	.9	.9	.5	.2	.2							556	558	76	7
79 / 77		.1	.4	1.4	2.2	1.0	1.3	.7	.2	.0	.0							573	573	374	6
[illegible] / 75	.1	.2	1.2	1.5	1.6	.9	.9	.5	.2	.1								595	596	571	43
[illegible] / 73	.1	.6	1.8	1.9	.9	1.1	.7	.4	.1									597	597	852	190
[illegible] / 71	.2	1.1	1.8	1.4	1.1	.7	.5	.2	.1									566	569	962	447
[illegible] / 69	.2	1.5	1.8	1.1	1.4	.7	.2	.1	.1									555	557	1087	849
[illegible] / 67	.2	1.6	1.4	.9	.9	.4	.1	.1										453	454	949	1002
[illegible] / 65	.1	1.1	1.2	.4	.2	.2	.1	.1										352	352	841	981
[illegible] / 63	.1	1.1	.8	.7	.4	.1	.1											249	249	679	734
[illegible] / 61	.2	1.5	.7	.6	.2	.1	.1											263	263	563	708
[illegible] / 59	.1	1.1	.5	.2	.1	.0												168	169	431	739
[illegible] / 57	.1	.3	.3	.5	.1													127	127	347	671
[illegible] / 55	.1	.6	.2	.1	.1													85	85	186	576
[illegible] / 53	.1	.2	.1	.1														51	51	118	403
[illegible] / 51	.1	.2	.1															28	28	72	319
[illegible] / 49		.1	.0															9	9	33	167
[illegible] / 47		.1	.1															8	8	16	111
[illegible] / 45		.0	.1															3	4	6	59
[illegible] / 43																				3	33
[illegible] / 41																					20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
66-70, 74-79 — YEARS
AUG — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
47 / 51																					C
52 / 57																					1
TOTAL	1.0	12.2	12.6	12.3	12.0	11.1	9.4	8.1	5.6	4.9	3.6	2.1	1.5	1.2	.9	.4	.1	8088	81.2	80.8	80.8

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35715752	515512	63.7	18.850	8058							
Dry Bulb	46647545	622127	76.8	10.492	8102			622.3	477.3	291.2	56.1	744
Wet Bulb	36999416	544716	67.3	6.240	8084			440.7	164.9	2.4		744
Dew Point	31597583	502522	62.1	6.809	8088			233.2	22.3	.1		744

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
SEP — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]								•										2	2		
[illegible]						• 7	• 9		• 3									13	13		
[illegible]				• 1	• 5	• 5	• 6			• 1								21	21		
[illegible]				1 • 5	• 7	• 8	• 3				• 2							35	35		
[illegible]			• 9	• 8	• 4	• 2			• 3									31	31		
[illegible]		• 3	1 • 5	1 • 5	• 9	• 3	• 3	• 2	• 1									51	51	•	
[illegible]		• 9	1 • 2	1 • 4	1 • 1	• 5	• 6	• 3										54	54	50	5
[illegible]		• 8	1 • 1	1 • 2	2 • 1	• 6		• 1										59	59	41	42
[illegible]	• 2	1 • 7	1 • 4	• 6	1 • 3	• 3	• 6											61	61	66	36
[illegible]	• 2	2 • 1	1 • 9	• 9	• 4	• 3	• 4	• 1										63	63	56	70
[illegible]	• 4	1 • 9	1 • 1	1 • 7	• 3	• 5	• 2	• 1										67	67	69	43
[illegible]	• 3	2 • 6	1 • 3	1 • 0	• 6	• 3	• 1											62	62	73	65
[illegible]	• 5	3 • 3	2 • 3	• 6	• 1	• 1												66	66	87	76
[illegible]	• 3	2 • 6	3 • 3	• 4	1 • 3	• 1		• 1										75	75	76	67
[illegible]	• 4	2 • 8	3 • 1	• 4	• 9													75	75	79	92
[illegible]	• 4	3 • 4	• 8	• 5			• 1											52	52	85	71
[illegible]	• 1	3 • 1	• 9	1 • 0	• 2	• 1												54	54	67	54
[illegible]	• 2	2 • 3	2 • 3	1 • 3	• 4													62	62	54	111
[illegible]	• 2	1 • 1	• 7	• 1	• 1													22	22	60	51
[illegible]		1 • 6	• 3	• 3														22	22	30	35
[illegible]		• 9	• 2	• 1														12	12	35	52
[illegible]		• 2																8	8	17	53
[illegible]	• 1	• 7	• 5															13	13	15	35
[illegible]	• 1	• 3																4	4	11	18
[illegible]	• 1	• 2																3	3	5	9
[illegible]	• 1																	1	1	3	12
[illegible]																					5
[illegible]																					1
[illegible]																					2
TOTAL	5 • 5	33 • 3	24 • 4	15 • 5	12 • 5	5 • 4	3 • 5	1 • 1	• 7	• 1	• 2								988		988
																		988		988	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5175459	76837	77.8	14.228	988							
Dry Bulb	5532768	60742	61.5	9.993	988			29.8	13.9	2.5		29
Wet Bulb	3310744	56469	57.2	8.516	988			15.1	.3			7
Dew Point	2963219	53351	54.0	9.133	988		1.0	7.6				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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-79 — YEARS
SEP — MONTH
PAGE 1
1300-2500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
97/ 83							.1											1	1		
96/ 81						.1	.2											3	3		
95/ 79				.1	.3	.6	.2											12	12		
94/ 77				.4	.4	.6	.1			.1								21	21		
93/ 75			.6	1.1	.3	.5				.1								27	27		
92/ 73		.5	1.9	1.4	.1	.1	.2	.1		.1								42	42	7	
91/ 71		.5	1.1	.7	.3	.1	.2											55	55	51	5
90/ 69		.7	1.7	.5	.3	.1		.1										39	39	44	26
89/ 67	.1	2.2	1.7	1.6	1.4	.4	.2											76	76	52	43
88/ 65	.2	2.6	1.2	1.1	.5													55	55	55	55
87/ 63	.5	2.0	2.0	1.5	.7	.5	.1											69	69	56	53
86/ 61	.5	2.3	1.1	.8	.3	.3	.5											61	51	74	58
85/ 59	.7	3.4	1.9	1.1	.2	.4												76	76	77	56
84/ 57	.4	3.9	1.5	.4	.6	.1												69	69	76	73
83/ 55	.4	3.5	2.9	1.1	.5	.1												98	98	77	72
82/ 53	.7	2.8	.9	.5	.2													51	51	94	79
81/ 51	.2	4.5	1.1	.9	.1													68	68	71	72
80/ 49	.3	2.5	1.2	1.1		.1												55	55	55	63
79/ 47	.7	2.3	1.1	.5		.1												42	42	54	53
78/ 45	.3	2.1	1.1	.5	.1													41	41	48	53
77/ 43	.1	.7	.5	.1														14	14	39	51
76/ 41	.4	1.1																15	15	24	41
75/ 39	.1	1.1	.2															14	14	23	32
74/ 37	.2	1.1																12	12	19	22
73/ 35	.1	.4																5	5	9	26
72/ 33	.1																	1	1	3	15
71/ 31																					6
70/ 29																					4
69/ 27																					3
TOTAL	.9	40.1	23.9	15.4	8.2	3.9	2.2	.2		.3									993		997
																		991		993	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	6550264	79936	80.7	13.365	991							
Dry Bulb	3569957	58637	59.2	9.900	991			23.3	9.6	.9		96
Wet Bulb	3145995	55109	55.7	8.899	991			12.2	.5			93
Dew Point	2648801	52432	53.0	9.433	990		1.2	6.9				90

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

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

SECTION CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-73, 74-79 — YEARS
SEP — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]							.1	.2										3	3		
[illegible]						.2		.1										3	3		
[illegible]				.3	.4	.4		.1			.1							13	13		
76 / 77		.1	.1	.7	.9	.2	.1											21	21		
[illegible]		.2	.6	.5	.5	.5		.1		.1								23	23	1	1
[illegible]		.5	1.0	1.6	.5	.2	.5			.1								40	40	7	1
[illegible]		.4	1.9	.8	.7	.4	.2											41	41	34	11
[illegible]		.7	1.6	.7	.7	.5	.2	.1	.1									46	46	43	23
[illegible]	.3	2.5	1.0	1.7	.6	.2												60	60	49	47
[illegible]	.2	2.6	2.2	1.5	.6	.2	.5	.1										75	75	49	51
[illegible]	.4	2.7	1.4	1.5	.3	.2	.1											71	71	62	45
[illegible]	.1	2.9	1.9	.9	1.4	.1												73	73	61	51
[illegible]	.5	2.7	2.4	.7	.2	.5												74	74	72	71
[illegible]	.3	3.1	2.7	.8	.2		.1											78	78	81	67
[illegible]	.3	4.1	2.8	1.1	.5													82	82	89	56
[illegible]	.4	2.5	1.2	.8	.3	.2												56	56	61	47
[illegible]	.4	3.0	1.2	.5	.5	.1												60	60	74	65
[illegible]		1.8	1.7	.2	.2													40	40	54	56
[illegible]	.1	1.7	1.7	.5	.1													41	41	47	44
[illegible]		1.5	1.2	.2														29	29	42	56
[illegible]	.3	1.1	.5	.2	.2													23	23	43	56
[illegible]		1.8	.2															12	12	30	33
[illegible]	.2	.7																9	9	15	38
[illegible]	.1	.6	.1															8	8	15	18
[illegible]	.2	.4																6	6	6	22
[illegible]	.2																	2	2	5	16
[illegible]																					11
[illegible]																					2
[illegible]																					1
[illegible]																					2
TOTAL	.436	.726	.415	.210	.08	.037	.014	.007	.001	.002	.001							989	989	989	989

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6436409	78714	79.6	13.255	989							
Dry Bulb	3525619	59112	59.8	9.677	989			22.9	9.4	1.1		99
Wet Bulb	3179625	55369	56.0	8.513	989			12.2	.7			23
Dew Point	2878093	52521	53.1	9.439	989		1.5	7.6	.2			93

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-75 — YEARS
SEP — 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
≥97														.1				1	1		
96-97											.2	.1	.1					4	4		
94-95										.1	.1	.3						5	5		
92-93									.1	.3	.2	.1						7	7		
90-91								.5	.6	.2	.2							13	13		
88-89							.3	.4	.5	.4	.1							14	14		
86-87						.5	1.3	.5	.4	.2	.4							26	26		
84-85		.1			.2	.4	.5	.7	.3	.2	.1	.1						22	22		
82-83				.3	.6	.9	1.4	.8	.5	.4	.1							45	45	1	
80-81			.1	.6	.6	.7	.7	.3	.2	.2								29	29		1
78-79			.2	.7	1.3	.6	1.1	1.2	.4	.1	.1							56	56	2	
76-77		.1	.5	.7	1.1	1.0	.8	1.1	.3	.2	.1							58	58	22	
74-75		.3	.5	1.5	1.2	1.6	1.5	1.1	.4	.2	.1							53	53	59	13
72-73		.9	1.1	1.2	1.7	.8	1.1	.2	.3									75	75	49	16
70-71	.1	1.3	1.7	.7	1.5	1.8	.9	.8	.2									87	87	79	44
68-69		.5	1.7	1.6	1.4	.9	1.1	.5		.1								78	78	71	55
66-67		.8	1.3	1.1	1.1	1.3	.7	.1										66	66	83	76
64-65	.2	1.4	.9	1.3	.7	1.5	.4	.3										67	67	100	99
62-63		.4	1.5	.9	1.1	.9	.3											60	59	90	66
60-61	.1	1.1	1.3	.7	1.3	.4	.1											58	57	83	36
58-59		1.5	1.1	.4	.4	.4	.2											44	44	78	76
56-57		1.0	1.1	.3	.7	.2	.2											55	55	98	88
54-55		.5	.2	.5	.5		.1											21	21	61	79
52-53			.5	.4	.3	.4												16	16	42	67
50-51		.1	.4	.4														9	9	23	53
48-49			.6	.1														7	7	11	66
46-47		.1	.1															2	2	10	51
44-45		.1																1	1	1	33
42-43																				2	23
40-41																					16
38-39																					14
36-37																					11
34-35																					4
≤33																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-74, 74-77 — YEARS
[illegible] — MONTH
PAGE [illegible]
[illegible]-11[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]																				
TOTAL	.4[illegible]	.9[illegible]	.3[illegible]	16.9	15.0	11.7	8.4	4.3	2.5	1.7	.6	.1	.1				.58	988	988	988

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42[illegible]63[illegible]	62[illegible]7	63.7	16.455	988							
Dry Bulb	4891441	63347	69.7	9.757	988			55.5	34.6	15.[illegible]	.9	[illegible]
Wet Bulb	3796917	5[illegible]769	61.5	7.744	988			25.7	7.7	.1		7
Dew Point	317[illegible]486	55236	55.9	9.158	988		.5	11.8	1.3	.1		9

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

...CLIMATOLOGY BRANCH
...ATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 — MARSHALL AAF KS — KS-70, 74-78 — — — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31								
[illegible]														.1				1	1					
[illegible]													.1	.1	.2	.2		[illegible]	[illegible]					
[illegible]												.1	.5	.4	.4			14	14					
[illegible]												.4	.1	.5	.3			13	13					
[illegible]											.4	.4	.3					17	12					
[illegible]								.1		.3	.3	.3	.3	.1	.2			15	15					
[illegible]							.1	.2	.4	.3	.2	.1	.3	.1				25	25					
[illegible]							.2	.4	.5	1.0	.2	.4	.2	.1				33	33					
[illegible]						.1	.5	1.2	1.4	.2	1.1	.4	.4	.2				[illegible]	[illegible]					
[illegible]					.1	.5	1.4	.5	.4	.5	.5	.3	.2					[illegible]	[illegible]					
[illegible]				.7		.7	.9	1.1	.9	.7	.5							[illegible]	[illegible]					
[illegible]				.4	.1	.8	1.4	.7	.7	.9	.7							[illegible]	[illegible]					
[illegible]				.2	.4	.9	1.5	2.2	2.1	1.2	.5	.1	.1					[illegible]	[illegible]					
[illegible]			.2	.4	1.5	1.3	1.2	1.5	1.4	1.3	.4	.2						1.7	1.7	1.2				
[illegible]		.1	.3	.8	1.1	.7	1.2	1.1	1.2	.7	.4	.1						76	76	64				
[illegible]		.1	.2	.4	.5	.4	.6	.3	1.1	.3	.2							48	48	32				
[illegible]		.4	.2	1.5	.7	.7	1.1	.4	1.1	.3								64	64	41	17			
[illegible]			.1	.5	.7	1.5	1.2	1.1	.4	.2								57	58	41	57			
[illegible]		.2	.1	.4	.4	.5	1.1	.4	.2									41	41	1.3	62			
[illegible]		.4	.6	.4	.1	.7	.6	.4	.1									56	56	46	45			
[illegible]	.2	.3	.5	.2	.5	.6	.5	.4	.1									53	53	45	54			
[illegible]		.2	.4	.4	.5	.2	.4	.2	.1									37	37	34	60			
[illegible]		.2	.5	.4	.2	.5	.3	.3										25	25	15	64			
[illegible]		.9	.7	.5	.3	.5		.1										28	28	14	62			
[illegible]		.4	.7		.4	.1												16	16	5.5	67			
[illegible]		.6	.2	.2		.1												10	10	5.1	72			
[illegible]		.2		.2	.2	.5												9	9	2.4	57			
[illegible]		.1	.3	.1														5	5	.6	56			
[illegible]			.1															1	1	1.2	53			
[illegible]																				1.1	49			
[illegible]																				.1	51			
[illegible]																					29			
[illegible]																					56			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15-47 MARSHALL AAF KS [illegible] [illegible]
STATION STATION NAME YEARS MONTH

[illegible] 1. [illegible]
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31							
55/ 59																								
50/ 54																								
45/ 49																								
40/ 44																								
TOTAL	.2	4.4	6.7	7.1	7.[illegible]	10.6	15.[illegible]	13.[illegible]	12.[illegible]	8.5	5.6	3.3	2.[illegible]	1.4	.4	.1					[illegible]		[illegible]	9.5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2[illegible]66[illegible]46	51416	52.[illegible]	17.151	989							
Dry Bulb	5[illegible]23273	75147	76.0	10.713	989			[illegible]2.7	57.[illegible]	32.9	5.1	
Wet Bulb	4 59[illegible]13	62954	63.7	7.644	988			[illegible]5.[illegible]	12.[illegible]			
Dew Point	3155[illegible]23	55[illegible]35	55.7	9.525	988		1.[illegible]	12.7	1.[illegible]			

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

...AL CLIMATOLOGY BRANCH
...FETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13[illegible] MARSHALL AAF KS — [illegible]-7[illegible]-7[illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

PART 1 — 1 [illegible]-17[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 [illegible]														.1		.1	.5	7	7		
[illegible]														.1	.5	.3	.2	9	9		
[illegible]													.4	.1	.1			6	6		
[illegible]									.1		.1	.2	.4		.1			9	9		
[illegible]											.1	.1	.4	.4				11	11		
[illegible]									.5	.5	.5	.2	.5	.4				26	26		
[illegible]									.4	1.4	.5	.1	.1		.3			27	27		
[illegible]							.4	.1	.1	.4	.5	1.5	.5	.4	.2			47	47		
[illegible]						.3	.2	.1	.5	.4	.2	.5	.4	.2				59	58		
[illegible]					.3	.1	.3	.5	.6	.6	1.0	.5	.5					68	68		
[illegible]					.3	.5	.8	1.1	1.4	1.7	.6	.3						52	58		
[illegible]			.1		.7	1.4	1.3	.5	1.2	1.7	.4	.3						72	72	1	
[illegible]					.6	1.9	.6	2.5	2.4	1.5	.7	.3	.3					112	112	3	
[illegible]			.1	.1	.3	.4	1.1	1.2	.4	1.6	.3	.4						56	61	12	1
[illegible]			.1	.3	1.1	.6	.3	.7	.5	1.1	.2	.1						54	54	44	7
[illegible]			.4	.6	.4	.7	1.4	.4	1.1	.2	.2							58	58	58	9
[illegible]		.1	.1	.5	.4	.6	1.5	.5	1.2	.5	.1							65	65	66	13
[illegible]		.2	.4	.5	.4	1.2	.3	1.1	.4	.2	.1							55	55	51	36
[illegible]		.2	.2	.4	.3	.4	.2	.1	.4	.1								34	34	29	6
[illegible]		.5	.5	.2	.3	.5	.4	1.1	.4		.1							37	37	45	23
[illegible]	.1	.5	.6	.1	.1	.1	.1	.5	.1									28	28	100	53
[illegible]		.5	.5	.5	.7	.5	.5	.1										27	27	36	56
[illegible]	.1	.5	.4	.5	.3	.2	.7	.1										50	51	72	74
[illegible]		.7	.6	1.1	.2	.2	.1											29	29	60	58
[illegible]		.4	.1		.1													6	6	59	37
[illegible]		.2	.2	.1	.1													6	6	55	64
[illegible]			.1		.1	.5												6	6	53	65
[illegible]		.5	.1		.1													5	5	21	52
[illegible]																				15	56
[illegible]																				2	50
[illegible]																				4	41
[illegible]																				9	23
[illegible]																					22
[illegible]																					25

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 66 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 55-70,74-79 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
55 / 55																						12
54 / 55																						1
52 / 51																						7
51 / 51																						1
TOTAL	.2	4.1	5.4	5.2	8.2	9.9	12.2	12.4	13.7	10.8	6.2	4.7	3.1	1.7	1.7	.3	.7		988	988	988	988

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2754759	49147	49.8	17.579	988							
Dry Bulb	5963555	76027	77.0	10.711	988			74.1	58.5	39.4	6.7	
Wet Bulb	4 76279	63 30	63.8	7.481	988			34.4	12.3	.1		
Dew Point	3 95877	54484	55.1	9.618	988		.7	11.4	1.5			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]47 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
SEP — MONTH

15[illegible]-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
[illegible]																.1		1	1		
[illegible]														.1			.1	2	2		
[illegible]												.1		.2				3	3		
[illegible]												.1		.1				2	2		
[illegible]									.1		.1	.2						4	4		
[illegible]								.1		.2	.2	.3	.3					11	11		
[illegible]							.1	.2	.5	.1	.2	.1						12	12		
[illegible]							.1	.3	1.1		.5			.1				22	22		
[illegible]						.1	.2	.4	.3	.4	.3							17	17		
[illegible]						.1	.5	.3	.4	.3	.5	.1	.1					34	34		
[illegible]					.2	.3	.8	.6	.5	.4		.1						38	38		
[illegible]				.2	.4	.8	1.5	.5	.4	.7	.3	.2						45	55		
[illegible]		.1	.7	.7	1.5	1.1	.9	.7	.5	.3	.1	.1						67	67	5	
[illegible]	.1	.1	.2	1.4	.7	.6	.9	.5	.6	.2	.1							57	57	14	5
[illegible]		.4	.4	2.1	.7	1.2	1.5	.5	.6	.3	.1							78	78	43	8
[illegible]		.1	.9	1.2	.5	1.3	1.2	.9	.7	.1								68	68	64	16
[illegible]		.4	1.2	1.4	2.1	1.8	.5		.2	.1								55	85	69	28
[illegible]		.8	.6	.8	1.4	.7	.9	.5	.1									60	61	92	52
[illegible]		.5	1.0	1.4	1.0	.8	.3	.3	.2									63	63	74	78
[illegible]		.8	1.1	1.8	.6	.4	.6	.1										54	54	91	67
[illegible]		1.7	.9	1.3	1.1	1.1	.2	.2	.1									55	55	86	56
[illegible]	.1	.9	1.5	1.2	1.1	.8	.1											56	56	97	67
[illegible]		1.1	1.1	1.1	.4	.4	.2											43	43	84	84
[illegible]		.4	.8	.5	.5	.2												28	28	50	95
[illegible]		1.1	.9	.7	.3													29	29	65	97
[illegible]		.4	.1	.1	.1	.1												12	12	53	65
[illegible]		.4	.4	.2														10	10	39	40
[illegible]		.3	.1	.2														6	6	23	62
[illegible]		.1	.3															4	4	12	43
[illegible]		.1	.1															2	2	11	39
[illegible]																				4	26
[illegible]																				1	21
[illegible]																					17
[illegible]																					7

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-73, 74-78 — YEARS
SEP — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 33																					4
32/ 31																					1
28/ 25																					
TOTAL	.2	9.7	13.5	17.2	14.8	13.5	10.5	7.8	6.2	2.7	2.1	1.1	.4	.5		.1	.1		988		988
																		988		988	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4167617	61949	62.7	16.943	988							
Dry Bulb	4[illegible]3615	59106	67.9	10.192	988			59.1	36.7	15.2	1.1	
Wet Bulb	37[illegible]599	6.673	61.4	7.694	988			28.6	6.1			
Dew Point	3130734	54514	55.6	8.935	988		.5	5.9	1.2			

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
55-70, 74-78 — YEARS
SEP — MONTH

PAGE 1
21[illegible]-25[illegible] — 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
/ 85											.1							1	1		
81/ 87										.3	.1							4	4		
76/ 80							.1	.1	.3	.1	.2							2	3		
71/ 75						.1	.3	.3	.4	.2								13	15		
66/ 70					.1	.2	.4	.2	.3		.1							25	25		
/ 65				.3	.7	.7	.5	.1	.3		.1							25	25		
56/ 60			.2	.8	1.2	.4	.5	.4	.1	.1								37	37	1	
51/ 55			.9	.7	1.1	.4	.3	.3	.2	.1	.1							52	52	1	
46/ 50		.6	1.3	1.4	.7		.2	.2	.1									49	49	19	1
41/ 45		.4	1.8	1.3	1.1	1.1	.2	.4										59	59	55	7
/ 60		1.1	1.4	1.5	1.6	.8	.4	.2										68	68	56	31
56/ 60	.1	1.8	1.5	.5	2.1	.5	1.1											75	75	74	52
61/ 65	.1	.9	1.5	2.1	.5	.4	.6	.2										63	65	62	39
66/ 70		1.8	1.3	1.3	.5	.3	.1	.1										54	54	67	57
/ 61	.4	2.8	1.3	1.5	.5	.4		.1										66	68	63	57
/ 59	.1	3.5	3.1	1.7	1.1	.5	.1											93	93	94	82
51/ 57		1.9	2.8	1.1	1.2	.1	.1											71	71	86	78
51/ 55		2.5	1.6	.5	.2	.1												61	61	88	103
56/ 60	.2	1.9	1.1	.7	.3	.2												44	44	76	73
46/ 50	.1	1.7	1.8	.7	.7													50	50	65	77
/ 45	.1	.3	.6		.1													16	16	51	69
41/ 45	.1	.6	.2		.1													10	10	41	40
41/ 45		.8	.4	.2														14	14	29	51
46/ 50		1.1	.4	.1														15	15	21	47
41/ 45		.5	.2															7	7	11	25
/ 40		.3	.2															5	5	11	27
36/ 40		.1																1	1	5	20
31/ 35																				4	14
26/ 30																					4
21/ 25																					5
TOTAL	1.2	25.7	23.4	15.5	15.5	7.5	6.2	2.9	1.5	.7	.4								989		989
																		989		989	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	955736	72592	73.4	15.250	989							
Dry Bulb	4164556	65424	64.1	9.439	989			37.9	19.5	5.8		95
Wet Bulb	3472706	58044	59.7	8.193	989			18.7	1.9			50
Dew Point	3249519	54217	54.8	8.848	989		.5	8.9	.1			95

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

13947 | MARSHALL AAF KS | 65-73,74-78 | SEP
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
[illegible]														.1		.1	.1	8	9		
[illegible]													.1	.1	.1	.1	.1	18	18		
[illegible]												.1	.1	.1	.1		.1	20	20		
[illegible]									.1		.1	.1	.1	.1	.1			23	23		
[illegible]											.1	.1	.1	.1				29	29		
[illegible]								.1	.1	.1	.1	.1	.1	.1	.1			46	48		
[illegible]							.1	.2	.1	.4	.2	.1	.1	.2	.1			70	70		
[illegible]							.1	.2	.3	.2	.1	.3	.1	.1	.1			106	106		
[illegible]						.1	.1	.3	.4	.2	.3	.1	.1	.1				128	128		
[illegible]					.1	.1	.4	.2	.2	.3	.5	.1	.1					147	147		
[illegible]		.1		.2	.1	.3	.4	.6	.4	.5	.2	.1	.1					190	190		
[illegible]			.2	.1	.2	.7	.7	.4	.4	.3	.2	.1						252	252	.2	
[illegible]			.2	.3	.6	.9	.6	.9	.4	.4	.2	.1	.1					367	367	.5	.1
[illegible]		.1	.2	.3	1.1	.7	.7	.6	.5	.4	.2	.1						424	424	.6	.1
[illegible]	.1	.1	.5	.3	.9	.5	.6	.5	.4	.3	.1	.1						378	378	135	.18
[illegible]		.3	.9	1.3	.8	.6	.8	.5	.4	.2	.1							449	449	251	.39
[illegible]		.4	1.2	1.1	.9	.7	.5	.4	.4	.1	.1							459	459	429	[illegible]
[illegible]	.1	.6	1.4	.8	1.2	1.1	.5	.4	.2	.1	.1							456	457	495	280
[illegible]	.1	1.2	1.1	1.1	1.2	.5	.7	.3	.1	.1								455	485	598	414
67	.1	1.3	1.3	1.1	.7	.5	.4	.3	.1		.1							458	458	564	553
[illegible]	.2	1.4	1.1	1.2	.5	.6	.3	.2	.1									443	443	655	431
[illegible]	.1	1.7	1.1	.9	.8	.5	.2	.1	.1									433	433	665	472
[illegible]	.4	2.1	1.7	.8	.6	.4	.3	.1										470	470	655	572
[illegible]	.2	2.3	1.7	.7	.6	.2	.1	.1										437	437	610	565
[illegible]	.2	1.9	1.5	.6	.6	.1	.1											391	391	595	697
[illegible]	.2	1.6	.7	.5	.3	.1	.1											269	269	569	648
[illegible]	.1	1.6	.7	.5	.4	.2												275	275	427	575
[illegible]	.1	1.8	.9	.4	.1	.1												200	200	334	523
[illegible]	.1	.8	.6	.2	.1	.1												129	129	271	419
[illegible]	.1	.8	.4	.2	.1													112	112	156	342
[illegible]	.1	.5	.2	.1	.1													68	68	177	359
[illegible]	.1	.4	.1															42	42	91	238
[illegible]	.1	.4	.1															41	41	59	219
[illegible]	.1	.5	.3															25	25	48	157

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
SEP — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
5[illegible] / 35	.1	.1																	14	14	24	1[illegible]
3[illegible] / 33	.1																		4	4	14	7[illegible]
[illegible] / 31																						49
[illegible] / 29																						14
[illegible] / 27																						5
[illegible] / 25																						6
1[illegible] / 15																						1
TOTAL	1.2	2.5	1.7	4.1	3.1	11.1	[illegible]	8.7	7.9	5.9	4.[illegible]	3.3	2.1	1.2	.[illegible]	.[illegible]	.2	.1	.1		7[illegible]		7[illegible]
																			7[illegible]8		79[illegible]8	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	58[illegible]631[illegible]4	555[illegible]48	67.[illegible]	19.365	7908							
Dry Bulb	36[illegible]71[illegible]6	531042	67.1	12.063	7909			373.1	241.9	112.8	13.5	72[illegible]
Wet Bulb	2[illegible]82446[illegible]	472434	59.7	8.716	7908			151.3	42.7	.2		72[illegible]
Dew Point	2435[illegible]994	432160	54.7	9.534	7908		6.8	76.8	5.4	.1		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
OCT — 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
≤67 75				.2	.1		.1	.2										6	6		
≤67 73				.5		.4	.4				.1							17	17		
≤67 71			.2	.7	.1	.7	.1	.1				.1						23	23		
≤67 69			.3	.6	.8	.5	.6		.1		.1							30	30	3	
≤67 67		.3	.7	.2	1.0	.3	.2	.1										28	28	10	2
≤67 65		.1	.9	1.1	.4	.4	.2											31	31	12	13
≤67 63		.1	.3	1.1	.5	.3		.1										24	24	20	14
≤67 61	.2	.3	1.2	1.0	.5	.2	.6	.1										45	45	35	8
≤67 59	.4	1.1	1.2	.4	.6	.8	.4	.3										52	52	53	21
≤67 57		1.2	1.1	.6	.5	.4	.2											42	42	42	23
≤67 55	.2	1.5	.8	1.5	.5	.3	.3	.1										52	52	49	64
≤67 53		1.3	.9	1.4	1.2	.2												50	50	50	43
≤67 51	.2	1.3	1.4	1.5	.6	.3												55	55	44	47
≤67 49		1.8	2.2	2.4	.3													73	73	64	38
≤67 47		2.2	3.2	1.0	.9	.1												75	75	55	54
≤67 45	.2	2.2	3.2	.9	.3													71	71	107	55
≤67 43	.6	1.6	2.5	1.2	.4													64	64	56	69
≤67 41		2.0	1.2	1.1	.5													48	48	61	57
≤67 39	.5	2.9	1.7	.6	.1													57	57	66	73
≤67 37	.5	3.6	1.2	.6														60	60	71	77
≤67 35	.5	2.3	.8	.1														37	37	67	83
≤67 33	.4	2.5	1.2	.1														43	43	56	85
≤67 31		1.9	.2															21	21	35	78
≤67 29	.1	.1	.3															5	5	25	45
≤67 27	.2	.4																5	5	5	43
≤67 25	.3	.5																9	9	9	26
≤67 23																				5	12
≤67 21																					9
≤67 19																					13
≤67 17																					2
TOTAL	4.1	31.4	26.4	18.7	10.7	4.9	3.1	1.3	.1		.2	.1						1021		1021	1021

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5789692	75376	73.8	14.952	1021							
Dry Bulb	2676321	50981	49.9	11.320	1021		3.7	9.2	2.1			9?
Wet Bulb	2234151	466-7	45.7	9.906	1021		7.2	1.7				??
Dew Point	1854916	42163	41.3	10.484	1021		20.9	.2				??

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

13 47 — STATION
MARSHALL AAF #5 — STATION NAME
65-70,74-78 — YEARS
OCT — MONTH

PAGE 1 — 2306-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 75				.1														1	1		
84/ 73				.2														2	3		
82/ 71			.2	.9	.5	.3	.1											18	14		
80/ 69			.6	.1	.5	.3												15	15	2	
78/ 67		.2	.1	.5	.5	.5	.1				.2							21	21	10	1
76/ 65		.2	1.3	1.1	.4		.1											17	17	10	9
74/ 63	.1	.6	.5	1.1	.5	.3	.1											29	29	15	15
72/ 61	.3	.6	1.6	.7	.9	.3												44	44	35	20
70/ 59	.1	1.4	1.8	.3	.5	.3												45	45	43	23
68/ 57		1.6	.8	.2	.4	.7		.2										39	39	46	27
66/ 55		2.1	.5	1.1	.3	.2	.3											48	48	51	34
64/ 53	.2	.7	.5	2.1	.7	.7												49	49	42	54
62/ 51		1.6	1.9	.8	.9	.1												52	52	22	58
60/ 49	.2	1.4	2.7	1.6	.7													67	67	47	60
58/ 47	.5	2.1	2.4	.9	1.1													70	71	76	34
56/ 45	.2	2.8	2.5	1.2	.7													76	76	85	47
54/ 43	.1	2.3	1.5	1.7	.2	.2												57	57	83	55
52/ 41	.3	1.4	2.4	1.5	.2													59	59	55	71
90/ 59	1.1	3.3	1.4	.4														67	67	79	69
88/ 57	.5	3.2	.5	.2														46	46	75	79
86/ 55	.7	3.1	.9	.1														48	48	67	64
84/ 53	.5	3.3	1.3	.1														50	53	61	69
82/ 51	.3	2.2	.5															31	51	44	09
80/ 49	.3	2.0	.3															29	28	27	50
78/ 47	.9	.5	.1															10	13	24	51
76/ 45	.2	.2																7	7	3	41
74/ 43	.2	.4																6	6	6	17
72/ 41	.1																	1	1	4	10
70/ 39																					12
68/ 37																					5
66/ 35																					2
TOTAL	.6	36.8	25.9	17.7	8.6	3.9	.7	.2			.2								1023		1023
																		1023		1023	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5204796	78590	76.8	13.925	1023							
Dry Bulb	2476141	48491	47.4	11.278	1023		7.3	5.2	.3			55
Wet Bulb	2117529	45566	44.5	10.171	1023		11.4	1.1				95
Dew Point	1791362	41359	40.4	10.806	1023		25.1	.1				95

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-79 — YEARS
OCT — MONTH
PAGE 1
1600-0800 — 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
[illegible]				.4		.1	.1											6	6		
[illegible]			.5	.5	.1	.1												13	13		
[illegible]			.5	.3	.1	.3												12	12		
[illegible]		.1	.4	.5	.5	.2												17	17	13	
[illegible]		.1	.8	1.2	.6	.2												31	31	13	7
[illegible]		.8	.6	.9	.5	.1	.2											33	33	15	12
[illegible]	.2	1.1	1.6	.9	.3	.2												45	45	24	14
[illegible]		1.5	1.7	.5	.2	.2												39	39	44	22
[illegible]		2.2	.9	.5	1.1	.5												52	52	51	26
[illegible]		.3	1.6	.8	.4	.7												43	43	51	63
[illegible]	.1	1.4	1.5	1.4	.4	.5	.2											62	62	29	41
[illegible]		.9	1.8	1.3	.8	.2	.1	.1										52	52	47	36
[illegible]	.1	1.5	2.3	1.2	.4													56	56	44	33
[illegible]	.3	2.8	2.5	1.5	.2													65	65	74	44
[illegible]	.4	2.9	1.8	2.3	.5													62	62	71	51
[illegible]	.1	2.1	2.0	1.[illegible]	.6	.1												59	59	84	51
[illegible]	.3	3.1	2.3	1.1	.1	.1												72	72	61	72
[illegible]	.3	3.2	1.3	.5														57	57	78	61
[illegible]	.3	3.4	1.2	.6														56	56	84	76
[illegible]	.6	3.7	.8															54	54	57	71
[illegible]	.3	2.0	.4															27	27	68	70
[illegible]	.3	3.0	.5															59	59	37	78
[illegible]	.5	1.7	.1															23	23	58	63
[illegible]	.3	.6	.1															12	12	23	44
[illegible]	.4	.3	.1															8	8	14	33
[illegible]	.2	.1																3	3	5	19
[illegible]	.1	.4																5	5	4	5
[illegible]																				5	7
[illegible]																					2
[illegible]																					4
[illegible]																					1
TOTAL	4.6	39.0	27.7	17.5	7.9	3.4	.6	.1											1025		1025
																		1025		1025	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5210726	75562	76.8	13.186	1023							
Dry Bulb	2460269	48973	47.9	11.077	1023		8.2	4.4	.5			52
Wet Bulb	2112898	45332	44.3	10.873	1023		10.[illegible]	.9				[illegible]
Dew Point	1792748	41391	40.5	10.751	1023		24.5					43

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

SPECIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
OCT — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]										.1								1	1		
[illegible]									.1									2	2		
[illegible]							.5	.1	.1	.2								7	7		
[illegible]						.2	.5	.2	.5	.1	.2	.1						18	18		
[illegible]					.3	.2	.2	.3	.1	.3			.1					15	16		
[illegible]				.2	.4	.3	.4	1.1	.3									27	27		
[illegible]			.2	.3	.5	.3	.3	.4	.4		.1							25	25		
[illegible]			.1	.6	.6	.8	1.1	.7	.4	.2	.2							31	31	4	
[illegible]		.1	.3	.4	.7	.6	.7	.8	.1	.1	.1							41	41	15	2
[illegible]			.3	.4	1.3	.8	1.1	.6	.2	.1								47	47	23	2
[illegible]		.2	.7	1.2	1.1	.7	.9	1.1	.3	.1								53	53	15	19
[illegible]		.4	1.2	.4	.9	1.1	1.2	.8	.2									52	52	42	23
[illegible]		.7	.9	.5	1.1	.9	1.3	.8	.3		.1							58	58	50	13
[illegible]		1.1	.7	1.1	1.2	.8	1.2	.5	.2									56	58	75	29
[illegible]		.7	.6	.5	1.0	1.1	1.5	.2	.1									62	62	55	46
[illegible]		.5	.7	1.1	1.4	2.4	.4	.5										70	70	65	52
[illegible]		1.1	.9	1.2	.9	.9	.3	.1										59	59	74	47
[illegible]		.9	1.4	1.4	2.2	1.1	.1	.1										72	72	65	52
[illegible]	.1	1.3	1.3	1.5	1.3	1.1	.2											67	67	76	53
[illegible]	.1	.9	.4	1.9	1.4	.6	.1											54	54	99	53
[illegible]		.8	1.1	1.3	.3	.2												47	47	82	79
[illegible]		.3	.9	1.6	.4	.1												43	43	69	58
[illegible]		.7	1.6	.8	.3													34	34	66	63
[illegible]		.6	1.2	.6														24	24	53	53
[illegible]		.5	.2	.1														8	8	43	62
[illegible]		.1	.2															3	3	26	67
[illegible]		.2		.1														3	3	9	52
[illegible]																				5	72
[illegible]																				1	35
[illegible]																					26
[illegible]																					19
[illegible]																					12
[illegible]																					9
[illegible]																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 65-73, 74-78 | | OCT
STATION | STATION NAME | YEARS | | MONTH

PAGE 2 | 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
1[illegible]																						2
1[illegible]																						1
TOTAL	.2	1[illegible].9	14.6	16.7	17.9	13.9	11.[illegible]	8.5	3.[illegible]	1.2	.7	.1	.1						1022	1022	1022	1022

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3925896	5[illegible]908	5[illegible].6	17.025	1022							
Dry Bulb	3[illegible]79576	595[illegible]3[illegible]	58.2	13.460	1022			21.4	3.7	1.5		9[illegible]
Wet Bulb	2691745	51689	5[illegible].6	8.716	1022		.5	3.6				3[illegible]
Dew Point	2[illegible]15[illegible]39	44[illegible]87	43.1	10.930	1022		16.[illegible]	.4				9[illegible]

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13 47 — STATION
MARSHALL AAF KS — STATION NAME
65-73, 74-75 — YEARS
OCT — MONTH
FROM 1 — HOURS (L. S. T.) 12 [illegible]-14 [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B.	W.B.	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31											
-/ 9?														•0										1	1		
/ 91													•1	•2	•1	•0								6	0		
-/ 86											•0	•1	•2		•1									6	6		
≤/ 97									•1	•1	•4	•1	•1	•0	•1									12	12		
-/ 95								•1	•3	•4	•8	•3	•5	•1										19	19		
9/ 9_							•1	•3	•4	1•1	•2	•3	•2	•1										25	28		
-/ 81							•5	•7	•5	•5	•5	•2	•2	•1										30	31		
/ 76						•2	•5	•5	1•1	•6	•2	•4												37	31		
/ / 77				•1		•3	•7	1•0	1•2	1•0	•9	•5												39	38		
9/ 79				•1	•2	•3	•5	1•5	•7	•8	•6	•9	•1											41	41		
-/ 91				•2	•2	•7	•1	•6	•7	1•9	•9	•1												41	41		
/ / 72		•2	•3	•2	•4	•6	•9	1•2	•9	1•5	•2													34	34	11	
/ / 69			•6	•7	•9	•4	•4	1••	1•6	1•5														16	16	17	1
/ / 67		•1	•3	•7	•5	•4	•3	•5	1••	1•4														25	25	29	5
9/ 69		•2	•7	•5	•2	•2	•3	•6	1•7	•5														34	34	50	25
-/ 63		•1	•3	•1	••	•3	•2	1•2	1•3	•2	•5													47	47	70	54
-/ 61		•2	•5	•1	•0	•8	•9	2•1	•2	•2														59	59	[illegible]	[illegible]
/ 58		•5	•1	•5	•5	•7	1•1	1•4	•4	•4														61	61	[illegible]	[illegible]
-/ 57		•2	•5	•3	•4	•8	1•0	1•1	•2															51	51	85	67
-/ 55		•5	•7	•4	•7	•5	1•4	•7																45	41	82	57
9/ 55		•6	•5	•5	•5	•8	1•2	•4																32	32	54	37
-/ 51		•3	•5	•5	•3	•3	•3	•1																31	31	71	52
/ 4_		•3	•1	•3	•6	•9	•7	•1																22	22	45	29
-/ 47		•7	•2	•3	•4	•5	•2																	33	33	54	33
-/ 45	•1	•7	•3	•2	•4																			17	17	66	41
-/ 45		•5	•2	•2	•2																			4	4	21	21
9/ 43		•6	•5	•1																				17	17	45	25
-/ 4_		•1	•4	•1																				5	5	12	23
-/ 37																										21	1
/ 35																										4	07
-/ 31																										1	72
/ / [illegible]																											57
/ / 2																											52

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747 | MARSHALL AAF KS | 65-74 | OCT
STATION | STATION NAME | YEARS | MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
27-28																						
25-26																						
23-24																						
21-22																						
19-20																						
17-18																						
15-16																						
13-14																						
11-12																						
9-10																						
7-8																						
5-6																						
3-4																						
1-2																						
0																						
TOTAL	.1	.2	.5	.6	.8	9.5	17.1	18.4	13.2	11.7	4.2	2.4	1.2	.2	.1	.2			1021	1021	1021	1021

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2616642	47204	46.2	19.321	1021							
Dry Bulb	4536979	67102	65.7	11.337	1022			47.2	27.5	1.5	.1	
Wet Bulb	3 22953	54482	53.3	8.539	1021							
Dew Point	2101944	43730	42.8	11.246	1021		17.2	.4				

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

...CAL CLIMATOLOGY BRANCH
...ETTE
...AFB, LA - SERVICE/WAC

PSYCHROMETRIC SUMMARY

...47 — ...RSHALL AAF AS — 45-73, 74-76 — OCT
STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 15 00-17 00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47 / 49																.1	.1	2	2		
... / 93													.1	.2	.1	.3		7	7		
... / 89											.2	.1		.3				6	6		
...47 87									.3		.3	.3		.2	.1			13	13		
87 / 85							.2	.3	.4	.4	.1	.5	.2					21	21		
...47 80							.4	.6	.6	.6	.7							29	29		
... / 74						.1	.3	.5	1.1	.6	.7	.3	.3					44	44		
... / 72						.2	.5	.7	.9	1.0	.4	.5	.2					42	42		
... / 77					.3	.1	.2	1.1	1.2	1.1	.3	.4	.1					47	47		
...47 73				.2	.1	.1	.3	.5	.5	1.0	.5	.3						46	48		
...47 72				.1	.2	.6	.3	.7	1.4	1.7	.3	.4						48	68	.1	
... / 71			.4	.4	.4	.4	.5	.4	1.1	1.1	.5							56	56	9	
... / 69		.1	.2	1.2	.5	.4	.4	1.1	1.3	2.0	.3							76	87	24	
... / 87			.6	.4	.4	.2	.5	.7	1.5	1.6	.1							65	65	42	4
87 / 65		.3	.5	.5	.5	.3	.5	1.1	1.3	.4								53	53	51	19
...47 65		.2	.1	.1		.7	.5	.7	1.2	.7	.2							51	51	41	13
... / 52			.2	.1	.4	.6	.5	2.1	1.3	.2								54	54	16	24
... / 54		.4	.2	.2	.6	.3	.4	2.2	.4	.1								57	57	12	43
... / 57		.3		.4	.7	.7	.7	1.1	.4	.2								45	45	62	45
57 / 55		.2	.7	.4	.2	.8	1.4	.3										44	44	67	46
...47 53		.6	.9	.5	.3	.4	1.1	.4										46	46	62	32
...47 51		.8	.1	.6	.5	.7	.4	.3										55	55	56	34
... / 49	1.1	.2	.3	.4	.4	.9	.1	.2										56	56	73	51
...47 47	.1	.1	.4	.5	.2	.7												28	28	74	55
... / 46	.1	1.1	.1		.2													14	14	77	55
...47 47		.7		.4														11	11	53	52
...47 41		.5	.1	.2														12	12	50	49
... / 39				.2														2	2	26	74
... / 37																				21	67
... / 35																				5	61
34 / 33																					65
... / 31																					75
... / 29																					55
... / 27																					42

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13647	MARSHALL AAF KS	65-71,74-78	OCT
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
[illegible] 25																					11
[illegible] 23																					13
[illegible] 21																					17
[illegible] 19																					9
[illegible] 17																					4
[illegible] 15																					2
[illegible] 13																					1
[illegible] 11																					1
TOTAL	.1	5.7	5.2	7.4	7.[illegible]	8.[illegible]	[illegible].9	15.3	16.1	12.3	5.[illegible]	3.[illegible]	1.[illegible]	.9	.4	.4	.1	1022	1023	1022	1022

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2473593	46343	45.3	19.169	1022							
Dry Bulb	4[illegible]34948	67[illegible]68	66.3	11.423	1023			46.6	29.7	12.9	.2	95
Wet Bulb	3.43[illegible]29	55.[illegible]2	51.[illegible]	8.[illegible]31	1022			6.9	.1			[illegible]
Dew Point	1[illegible]74193	43375	42.4	11.422	1023		20.4	.4				95

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

13947 | MARSHALL AAF KS | 65-70, 74-78 | OCT

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1800-2400 | HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥97 / 85												.1	.1					2	2		
96 / 92							.1			.2		.3						5	5		
95 / 91						.1	.1		.2	.1	.5							9	9		
94 / 90						.1	.1	.2	.5	.2		.1	.1					13	13		
93 / 89					.7	.4	.6	.3	.3	.2		.1						21	21		
92 / 88					.5	.6	.1	.5	.4		.4	.7						32	32		
91 / 87				.5	.2	.3	.3	.7	.3	.1								27	27		
90 / 86			.2	.1	.3	.6	.7	.6	.2	.2								31	31	3	
89 / 85			.5	.5	1.5	.9	.7	.6	.3	.1								51	51	10	
88 / 84		.2	1.1	.5	1.2	1.2	.9	.2	.4	.1								56	56	14	1
87 / 83		.3	.3	.3	.5	.6	.7	.3	.5	.1								57	57	36	10
86 / 82		.2	.6	.7	.4	1.4	1.6	.7	.1									57	57	45	15
85 / 81		.9	1.4	.2	1.1	1.3	.7	.3	.3									63	63	53	14
84 / 80		.7	.7	.6	1.1	1.5	1.9	.5	.3									68	68	64	23
83 / 79		.5	.7	.6	1.4	1.4	1.3	.2	.1									68	68	63	35
82 / 78		.5	.7	1.5	1.1	.9	1.1	.2										58	58	52	34
81 / 77		.9	.5	1.6	.5	.8	.4	.4										53	53	58	45
80 / 76		1.5	1.5	1.2	1.1	1.6	.3	.1										70	70	60	34
79 / 75		1.2	1.2	1.8	1.6	1.0	.1											69	69	90	56
78 / 74		1.1	1.2	1.5	1.5	.7	.3											59	59	84	58
77 / 73	.1	1.4	.7	2.1	.5	.4												52	52	78	67
76 / 72	.1	1.2	1.0	1.1	.5	.3												43	43	82	67
75 / 71		.9	1.2	.7	.2													30	30	71	77
74 / 70		1.3	1.2	.7	.1													33	33	57	61
73 / 69		.5	.2	.2	.1													8	8	39	53
72 / 68		.1	.3															4	4	19	62
71 / 67		.2	.1															3	3	16	67
70 / 66		.1																1	1	6	61
69 / 65																				2	42
68 / 64																					26
67 / 63																					17
66 / 62																					17
65 / 61																					12
64 / 60																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
[illegible]5-74, 74-7[illegible] — YEARS
OCT — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
147 17																					u
TOTAL	.213	.215	.015	.514	16	.111	.8	6.[illegible]	4.[illegible]	1.[illegible]	.[illegible]	.7	.2					1022	1022	1022	1022

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	378.558	61122	59.8	17.844	1022							
Dry Bulb	3922122	58946	57.7	10.444	1022		.1	22.4	9.8	2.1		93
Wet Bulb	2[illegible]4.[illegible]49	51144	5[illegible].[illegible]	8.893	1022		.7	2.3				93
Dew Point	1967258	43[illegible]8	42.6	10.616	1022		17.[illegible]	.1				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

13-47 | MARSHALL AAF KS | 65-70,74-79 | OCT

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
/ 79									•									2	2		
7 / 77					•	•		•		•								6	6		
75 / 75					•	•	•	•	•		•							19	19		
47 / 73				•	•	•	•	•	•		•							24	24		
7 / 71			•	•	•	•	•	•	•	•	•							25	25		
7 / 69			•	•	•	•	•	•										24	24	5	
/ 67		•	•	•	•	•	•	•	•									42	42	14	
67 / 65	•		•	•	•	•	•	•	•									42	42	25	16
7 / 63	•	•	•	•	•	•	•	•	•									59	59	34	12
/ 61	•	•	•	•	•	•	•	•										58	58	31	27
/ 59		•	•	•	•	•	•	•		•								47	47	26	17
/ 57		•	•	•	•	•	•	•										66	66	44	23
57 / 55		•	•	•	•	•	•											53	53	44	35
/ 53		•	•	•	•	•	•											49	49	34	19
/ 51		•	•	•	•	•	•											56	56	50	37
/ 49		•	•	•	•	•												67	68	67	41
/ 47		•	•	•	•	•												65	65	76	53
/ 45		•	•	•	•	•												77	77	84	67
47 / 45	•	•	•	•	•	•												72	72	84	53
/ 41	•	•	•	•	•	•												50	53	62	64
/ 39		•	•	•	•	•												59	59	81	36
37 / 37	•	•	•	•														42	42	76	69
37 / 35	•	•	•	•														26	26	48	52
35 / 33	•	•	•															14	14	46	61
33 / 31	•	•	•															8	8	16	58
/ 29	•	•	•															8	8	9	41
/ 27	•	•																2	2	8	36
/ 25																				4	22
27 / 25																					9
25 / 23																					4
/ 17																					11
/ 17																					2
TOTAL	•	124	324	619	812	9	8.5	4.6	2.9	•	•	•						1022	1023	1022	1022

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5179259	75833	69.3	16.269	1022							
Dry Bulb	2952114	53758	52.9	11.247	1023		1.6	12.9	4.6	.1		93
Wet Bulb	2379326	48344	47.3	9.518	1022		3.4	1.5				93
Dew Point	1913749	42487	42.0	10.429	1022		18.2					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

13747 — STATION
MARSHALL AAF KS — STATION NAME
65-73, 74-78 — YEARS
OCT — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
99/ 93														• 1		• 1	• 0	3	3		
92/ 91													• 0	• 3	• 1	• 1		13	13		
90/ 89											• 1	• 2	• 2	• 3	• 1			12	12		
88/ 87									• 1	• 0	• 1	• 1	• 0	• 2	• 0			25	25		
86/ 85								• 2	• 1	• 1	• 1	• 2	• 1	• 2				43	43		
84/ 83							• 1	• 1	• 1	• 2	• 1	• 1	• 2	• 2				64	64		
82/ 81						• 0	• 2	• 2	• 2	• 2	• 2	• 1	• 1	• 0				89	89		
80/ 79						• 1	• 1	• 2	• 4	• 2	• 1	• 1	• 0					105	106		
78/ 77					• 1	• 1	• 2	• 4	• 3	• 3	• 2	• 1	• 0					148	148		
76/ 75					• 1	• 2	• 3	• 3	• 3	• 2	• 3	• 1	• 0					184	184		
74/ 73				• 0	• 4	• 2	• 4	• 4	• 3	• 3	• 3	• 1						230	230	1	
72/ 71		• 1	• 3	• 5	• 3	• 5	• 5	• 4	• 4	• 4	• 2	• 0						278	278	26	
70/ 69		• 0	• 4	• 5	• 7	• 5	• 4	• 5	• 5	• 5	• 1							335	336	82	3
68/ 67		• 1	• 5	• 5	• 5	• 5	• 5	• 3	• 5	• 4	• 0							341	341	150	13
66/ 65	• 0	• 2	• 7	1 • 0	• 5	• 3	• 4	• 4	• 5	• 1								348	348	218	112
64/ 63	• 0	• 3	• 5	• 6	• 4	• 7	• 5	• 5	• 4	• 1	• 1							342	342	326	198
62/ 61	• 1	• 6	1 • 0	• 5	• 7	• 6	• 5	• 7	• 3	• 1	• 0							416	416	380	140
60/ 59	• 1	• 9	• 9	• 5	• 7	• 7	• 7	• 7	• 2	• 1								437	437	424	226
58/ 57		• 9	• 7	• 6	• 9	• 8	• 5	• 4	• 1	• 0								425	425	416	269
56/ 55	• 0	• 8	• 9	1 • 0	• 7	• 8	• 6	• 5										418	418	450	446
54/ 53	• 0	• 9	• 9	1 • 3	• 9	• 5	• 5	• 2										420	420	474	348
52/ 51	• 0	1 • 1	1 • 2	1 • 0	• 9	• 6	• 2	• 1										423	423	455	323
50/ 49	• 0	1 • 3	1 • 5	1 • 4	• 9	• 5	• 1	• 0										467	468	552	350
48/ 47	• 1	1 • 3	1 • 6	1 • 1	• 9	• 4	• 1											449	449	629	389
46/ 45	• 1	1 • 7	1 • 5	1 • 2	• 6	• 1												426	426	648	491
44/ 43	• 1	1 • 3	1 • 3	1 • 1	• 4	• 1												348	348	603	469
42/ 41	• 1	1 • 4	1 • 4	• 8	• 2	• 0												317	317	472	516
40/ 39	• 2	1 • 7	1 • 2	• 6	• 1													305	305	472	535
38/ 37	• 1	1 • 7	• 6	• 3	• 1													220	220	454	544
36/ 35	• 2	1 • 4	• 5	• 0														172	172	293	566
34/ 33	• 2	1 • 1	• 4	• 0														140	140	257	536
32/ 31	• 1	1 • 0	• 2															100	100	145	583
30/ 29	• 2	• 5	• 2															64	64	112	367
28/ 27	• 1	• 2	• 0															30	30	51	302

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
OCT — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90 / 95	.1	.2	.0															24	24	27	21.6
85 / 89	.1	.1																9	9	18	1.6
80 / 84	.0	.0																6	6	5	63
75 / 79																				5	64
70 / 74																					51
65 / 69																					12
60 / 64																					2
1 / 59																					1
TOTAL	2.2	2.0	1.8	1.4	1.1	0.8	0.5	0.4	0.3	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	5176	3179	5176	5176

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36581762	519438	63.5	20.336	8176							
Dry Bulb	26938159	456019	55.3	13.144	8179		21.2	176.3	63.4	27.7	.5	744
Wet Bulb	21242776	398526	48.7	9.999	8176		33.9	24.1	.1			744
Dew Point	15306142	342518	41.9	10.831	8176		161.0	1.5				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 | MARSHALL AAF KS | 65-70, 74-78 | NOV

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
[illegible] 67				.2	.1													5	5		
[illegible] 65				.2		.1												5	5		
[illegible] 64				.1	.4	.3												8	8		
[illegible] 61		.3	.3	.5	.2	.2												15	15	[illegible]	1
[illegible] 59	.5	.8	.5	.1	.1	.1												21	21	1	9
[illegible] 57	.1	.7	.2	.2	.1	.3												16	16	14	1[illegible]
56/ 55	.1	1.0	.5	.1	.5	.4												27	27	2[illegible]	9
[illegible] 53		.8	.7	.5	.7													25	25	15	13
[illegible] 51	.5	.5	.8	.1	.6	.3												28	28	22	21
[illegible] 49	.1	.5	.6	.4	1.2	.4												32	32	16	16
[illegible] 47		1.7	.9	.6	.5	.2												59	59	51	22
[illegible] 45	.4	2.7	.5	1.6	.8	.3												53	53	47	24
[illegible] 43	.1	3.3	1.3	1.4	.5	.2												66	66	49	33
[illegible] 41	.3	1.6	1.3	1.4	.3													49	49	[illegible]	38
[illegible] 39	.1	2.7	2.0	1.1	.2													61	61	59	41
[illegible] 37	.3	1.6	2.0	.6	.2													49	49	6[illegible]	[illegible]
[illegible] 35	.7	3.4	2.6	.2	.5	.5												77	77	7[illegible]	47
34/ 33	.7	2.9	2.1	1.1	.1													69	69	7[illegible]	[illegible]3
[illegible] 31	.4	4.2	3.3	.8														86	86	59	24
[illegible] 29	.9	4.[illegible]	1.4	.3														55	55	9[illegible]	[illegible]5
[illegible] 27	.2	2.5	.4	.1														[illegible]2	39	37	7[illegible]
[illegible] 25		5.4	.5															42	42	41	61
24/ 23		2.3	.5															28	28	4[illegible]	5[illegible]
[illegible] 21	.4	.9	.3	.3														19	19	2[illegible]	65
[illegible] 19	.4	.6	.2															12	12	16	53
[illegible] 17	.1	.9	.1															11	11	1[illegible]	3[illegible]
[illegible] 15	.1	.4																5	5	13	[illegible]5
[illegible] 13	.2	.4																6	6	[illegible]	15
12/ 11	.1	.1																2	2	5	14
[illegible] 9	.1	.5																6	6	5	15
[illegible] 7	.1																	1	1	5	[illegible]
[illegible] 5	.2																	2	2	[illegible]	4
[illegible] 3	.1																	1	1	1	3
[illegible] 1	.3																	5	5	3	11

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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]47	MARSHALL AAF KS	65-73,74-78	NOV

PAGE [illegible] HOURS (L. S. T.) [illegible]-[illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	.4																	4	4	4	4
[illegible]	.1																	1	1	1	1
[illegible]	.2																	2	2	2	2
[illegible]																					1
[illegible]																					2
TOTAL	.7	.4	.2	.3	.6	.1	.1	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1		988		987
																		987		987	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9736194	73797	74.8	14.953	987							
Dry Bulb	1853495	37373	37.8	11.901	988	.6	50.5	.3				[illegible]
Wet Bulb	1522[illegible]	34427	34.9	11.063	987	.6	56.5					[illegible]
Dew Point	1[illegible]0614	29[illegible]3	30.[illegible]	12.381	967	1.4	55.0					[illegible]

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

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70,74-75 — YEARS
NOV — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
- / 67				.2														2	2		
-/ 65					.5	.2												5	5		
+/ 63		.1			.1													2	2		
-/ 61		.3		.3	.1													7	7	5	
-/ 59	.5	1.3	.2	.7	.1													26	26	12	10
-/ 57		1.6	.6		.1													17	17	13	13
5 / 55		.8	.5	.2	.4													19	19	13	5
-/ 53		.9	.1	.2	.7	.4												25	25	21	10
-/ 51	.7	.6	.7	.4	.5	.3												32	32	21	24
-/ 49		.3	.7	.8	.5													21	21	15	26
-/ 47		1.3	.4	.7	.2	.3												29	29	21	16
-/ 45	.3	1.4	.9	.7	.4	.1												43	43	31	19
-/ 43	.3	3.1	1.2	.9	.4													59	59	51	43
-/ 41	.2	1.9	1.3	1.2	.1													47	47	52	56
-/ 39	.3	2.6	2.4	.7	.1													65	65	44	39
-/ 37	.4	2.0	2.3	.4														48	48	75	81
-/ 35	.3	3.6	2.1	.4		.3												70	70	63	53
-/ 33	.6	4.1	2.2	1.2	.1													91	91	72	59
-/ 31	.3	4.5	2.5	.1														73	73	74	71
-/ 29	.3	3.6	1.9	.3														66	66	85	74
-/ 27	1.1	3.9	1.5															64	64	80	82
-/ 25	.4	3.8	1.1															45	45	66	65
-/ 23	.4	2.8	.3															35	35	50	54
2/ 21	1.1	1.7																28	28	46	59
-/ 19	.4	1.4	.1	.1														20	21	22	63
-/ 17	.1	1.0	.1															12	12	11	55
-/ 15	.1	.7																8	8	13	27
-/ 13	.2	.5																8	8	10	23
-/ 11	.1	.2																3	3	5	22
-/ 9		.3																3	3	5	6
-/ 7		.5																5	5	5	4
-/ 5	.2																	2	2	4	5
-/ 3	.1																	1	1	1	5
-/ 1	.2																	2	2	2	12

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												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-71, 74-78 — YEARS
NOV — MONTH
PAGE 2
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ -1	.5																	5	5	5	7
-1 / -3	.1																	1	1	1	2
-3 / -5	.4																	5	5	5	4
-5 / -7																					3
-7 / -9																					1
-9 / -11																					2
TOTAL	9.9	25.6	24.1	9.8	5.9	1.6													489		499
																		988		988	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	638,9877	76259	77.2	13.761	988	.5	34.9	.2				988
Dry Bulb	1434150	35776	36.2	11.903	989	.5	34.9	.2				988
Wet Bulb	1243514	33765	33.7	11.186	988	.0	44.0					99
Dew Point	1003422	28904	29.3	12.455	988	1.3	56.6					91

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

USAFETAC
SCIENTIFIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	65-73,74-78	NOV
STATION	STATION NAME	YEARS	MONTH

 1800-0600 (L. S. T.)
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
87/ 85		.1	.3															4	4		
87/ 83		.2		.2	.4													8	8	3	
87/ 81		.1																1	1	3	4
87/ 77		.7	.3	.4														14	14	4	3
87/ 75	.2	1.4	.7	.1														24	24	12	9
87/ 73	.1	.6	.6		.4	.2												19	19	24	8
87/ 71		1.0		.3	.3	.3												19	19	21	17
87/ 69	.4	.8	.6	.2	.2	.1												23	23	17	23
87/ 67	.2	.5	.6	.7	.2													22	22	11	27
87/ 65	.1	1.5	1.2	.7		.2												56	56	26	7
87/ 63	.1	2.7	1.1	.2	.3													44	44	34	29
87/ 61	.2	2.1	.5	.8	.1	.1												58	58	46	24
87/ 59	.2	2.3	1.1	.2														58	58	41	23
87/ 57	.7	3.1	1.9	1.8														75	75	42	44
87/ 55	.6	2.5	1.7	.9														55	55	53	46
87/ 53	1.2	3.2	2.3	.5		.3												75	75	65	61
87/ 51	.6	3.7	2.9	.4														75	75	75	42
87/ 49	.4	3.7	2.4	.3														69	69	66	67
87/ 47	1.3	5.0	1.7	.2														78	78	89	45
87/ 45	.1	3.4	1.3	.2														59	59	81	64
87/ 43	.9	4.4	1.1	.1														55	55	54	87
87/ 41	.7	3.4	.3															59	59	61	54
87/ 39	1.1	1.6	.3															53	53	49	55
87/ 37	.1	2.1																21	21	21	81
87/ 35	.3	1.3	.1															17	17	21	42
87/ 33	.1	.5	.2															8	8	14	56
87/ 31	.3	.4																7	7	8	29
87/ 29	.2	.4																6	6	9	21
87/ 27	.2	.5																7	7	7	7
87/ 25	.1	.3																4	4	6	4
87/ 23		.2																2	2	2	5
87/ 21	.1	.1																2	2	5	10
87/ 19		.1																1	1	1	5
87/ -1	.1																	1	1	1	5

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	65-70, 74-78	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-0/-5																					2
-6/-11																					4
-2/-7	.2																	2	2	2	1
-0/-9	.1																	1	1	4	
-10/-15																					2
-16/-17																					1
TOTAL	11.1	54.4	23.1	8.5	1.7	1.2													989		989
																		989		984	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8256632	77642	78.5	17.356	989							
Dry Bulb	1356617	34961	35.3	11.689	989	.4	58.1					67
Wet Bulb	1227136	32966	33.3	11.135	989	.4	46.1					91
Dew Point	983197	28647	29.3	12.461	989	1.5	57.6					23

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

13947	MARSHALL AAF KS	55-73, 74-74	[illegible]
STATION	STATION NAME	YEARS	MONTH

[illegible] 1 [illegible]-11 [illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
[illegible] 75								.1										1	1		
[illegible] 73								.1	.1									2	2		
[illegible] 71						.1	.1											2	2		
[illegible] 69							.1											1	1		
[illegible] 67			.1				.1											4	4		
[illegible] 65				.1	.1	.4	.1	.1										12	12		
[illegible] 63		.1	.2	.4	.4	.4	.1		.1									17	17	1	
[illegible] 61		.2	.3	.5	.3	.4	.2											25	25	5	1
[illegible] 59		1.3	1.2	.5	.6	.7	.1	.3										44	44	9	3
[illegible] 57		1.1	1.0	.5	.7	.4	.1	.1										55	49	34	6
[illegible] 55		.6	.5	.5	.1	.3	.5											26	26	54	16
[illegible] 53		.2	.8	.6	.3	.4	.5											25	29	72	42
[illegible] 51		.7	1.1	1.1	.9	.3	.7	.2										47	44	71	45
[illegible] 49		.6	1.3	1.5	1.5	.7												46	45	86	49
[illegible] 47		.4	.9	1.1	.7	.5	.4	.1										49	45	67	43
[illegible] 45	.1	1.7	1.1	1.9	1.5	.7	.1											74	74	93	81
[illegible] 43	.1	1.8	1.5	1.8	1.0	.2												95	95	99	89
[illegible] 41	.2	1.0	2.6	1.9	1.2		.1											73	73	96	96
[illegible] 39	.1	1.4	3.1	2.3	.8	.1												80	73	95	91
[illegible] 37		2.0	2.2	1.1	.2													58	58	97	91
[illegible] 35	.3	2.5	3.1	1.3	.2													74	74	91	92
[illegible] 33	.1	1.2	2.2	.5	.1													41	41	97	96
[illegible] 31		1.4	2.3	.8														45	45	95	77
[illegible] 29	.1	1.4	.9	.9	.1													34	34	89	69
[illegible] 27		1.1	.7	.1														19	19	94	84
[illegible] 25		1.1	1.1	.6														27	27	98	[illegible]
[illegible] 23	.3	.3	.6	.1														15	15	97	95
[illegible] 21	.2	.5	.4	.1														12	12	1[illegible]	99
[illegible] 19		.3	.1	.2														6	6	1[illegible]	99
[illegible] 17	.3	.5	.1															9	9	1[illegible]	[illegible]
[illegible] 15	.1	.1																2	2	5	95
[illegible] 13		.3																3	3	5	99
[illegible] 11		.1	.1															2	2	[illegible]	1[illegible]
[illegible] [illegible]	.1	.2																3	3	3	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12747 MARSHALL AAF KS 56-70,74-75 NOV
STATION STATION NAME YEARS MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/		.1																1	1	1	7
/	.1																	1	1	1	5
/																					
/	1	.1																1	1	1	4
/																					3
/																					5
/																					
/																					1
TOTAL	.1	.2	.1	.5	.2	.1	.2	.7	.5	.7	.3	.2	1.0	.2					99		99
																		99		99	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	457441	56[illegible]7	66.7	16.345	99[illegible]							
Dry Bulb	1[illegible]46778	42578	42.8	11.555	99[illegible]		16.1	.9	.3			[illegible]
Wet Bulb	1[illegible]57843	57[illegible]62	5[illegible].3	10.494	99[illegible]		24.2					[illegible]
Dew Point	1144901	51401	51.7	12.271	99[illegible]	1.0	49.7					99

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

23047	MARSHALL AAF KS	65-70,74-78	NOV
STATION	STATION NAME	YEARS	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
-/ 21									•2	•2								4	4		
-/ 79										•1								1	1		
7/ 77								•1	•1		•1							3	3		
-/ 75							•1	•1		•2								4	4		
-/ 73								•1	•2			•4						5	5		
-/ 71				•1			•5	•4	•5									13	13		
-/ 69					•3	•2	•4	•7	•1									22	22		
-/ 67			•1	•1	•7	•7	•7	•5	•5	•4								37	37		
67 65		•1	•1	•4	1•1	•3	1•1	•4	•5	•1								45	45	4	
67 63			•5	•9	•4	1•1	•6	•5	•6									45	45	9	
-/ 61		•3	•5	•6	•7	•3	•9	•6	•4									41	41	5	4
-/ 59		•3	•5	•6	•5	•9	•6	1•1	•4									46	46	36	
-/ 57		•3	•2	•3	•1	1•1	1•1	1•4	•2									53	53	47	11
57 55		•3		•1	•6	1•3	1•3	•3	•2									56	56	41	25
-/ 53		•2	•5	•2	•3	1•3	1•1	•1	•3									59	59	39	21
-/ 51		•3	•5	•1	1•1	2•2	•3	•3	•1									70	70	45	29
51 49		•1	•3	•3	1•1	1•1	1•3	•3										56	56	43	33
-/ 47		•4	•7	•3	1•1	1•3	•3											59	59	36	24
47 45		•6	•5	1•1	•6	1•1	•2											41	41	74	47
47 45		•2	1•4	•3	1•3	•1												50	51	84	23
-/ 43		•2	1•2	•3	•3	•3												43	43	51	33
-/ 41		1•1	•4	•1	•3	•3												33	33	15	39
-/ 39		1•3	1•1	1•2	•1	•3	•1											62	62	55	31
-/ 37		•6	•3	1•2	•1	•1												30	30	75	62
37 35		•1	1•5	1•1	•6	•1												35	35	42	64
-/ 33			•5	•1	•3													15	15	54	61
-/ 31		•3	•6	•4	•1													14	14	39	64
-/ 29		•2	•9	•1	•1													13	13	29	47
-/ 27		•6	•4	•4														14	14	21	51
-/ 25			•1	•2														3	3	21	55
27 23				•1														1	1	7	48
-/ 19	•1	•5	•2															8	8	6	40
-/ 17																				7	30
17 15			•2															2	2	1	64

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13 47	MARSHALL AAF KS	65-73,74-78	NOV
STATION	STATION NAME	YEARS	MONTH

PART A 12(0)-14(0)
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
1 / 15			.4																4	4	1	- 7
1 / 11			.1																1	1	3	14
1 / -																					5	9
- / 71																						9
/ 5																						2
/ 3																						3
/ 1																						4
/ -1																						4
- / -2																						7
-4/ -5																						4
TOTAL	.1	1.3	1.5	3.1	4.4	15.2	17.5	13.3	8.8	4.4	1.7	.1	.2						988	989	988	988

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3[illegible]1205	52305	52.9	18.067	988							
Dry Bulb	2[illegible]31383	49511	50.1	12.476	989		6.8	[illegible].1	1.5	.5		9[illegible]
Wet Bulb	1[illegible]65685	41678	42.2	10.356	988		15.5					[illegible]
Dew Point	11773[illegible]2	31712	32.1	12.710	988	1.4	47.6					9[illegible]

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

13-47 | MARSHALL AAF KS | 65-70, 74-78 | NOV

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
27 / 31									•1									2	2		
23 / 29								•1	•1	•2								4	4		
28 / 27									•1		•1							2	2		
26 / 25							•1		•1	•3								5	5		
24 / 23								•2	•3			•1						6	6		
22 / 21						•1	•1	•1	•5									8	8		
20 / 19					•3	•5	•5	•5	•6	•2	•1							27	27		
18 / 17						•4	1•0	•4	•7	•7	•6							38	38		
16 / 15		•3		•5	•6	•8	•4	•7	•5	•2								41	41	3	
14 / 13			•2	•5	•9	•2	•8	•5	•3									37	37	6	1
12 / 11		•6	•6	•5	•5	•6	•5	1•5	•8									35	35	11	2
10 / 09		•4	•1	•3	•4	•6	1•1	2•3	•4									36	36	34	
08 / 07		•1	•4	•3	•4	•7	1•2	•7	•3									41	41	47	12
06 / 05		•5	•6	•3	•7	1•2	2•7	•5	•5	•1								73	73	35	23
04 / 03		•6	•1	•4	•5	1•6	1•5	•9	•1									57	57	41	15
02 / 01	•2	•5	•4	•7	1•1	1•5	•9	1•2	•1									63	63	49	22
00 / 00		•6	•3	•7	1•1	1•2	1•1	•2										52	52	49	37
00 / 00		•9	•5	•7	1•2	•8	1•3	•1										55	55	54	37
00 / 00		•8	•6	1•1	•7	•8	•2											42	42	42	34
00 / 00		•9	1•2	•9	1•0	1•0	•1											45	45	45	31
00 / 00		•7	1•0	1•3	•7	•8												43	43	53	34
00 / 00	•2	•7	1•4	•7	•8	•5	•1											44	44	56	39
00 / 00		1•7	•9	1•1	1•3	•3	•1											51	51	66	45
00 / 00	•3	•7	1•4	1•5	•8	•5												53	53	64	56
00 / 00		•4	•4	•8	•5													21	21	43	64
00 / 00		•1	•6	•7	•4													18	18	49	43
00 / 00		•3	•4	•2	•2													11	11	34	67
00 / 00	•1	•3	•7	•1	•1													13	13	51	35
00 / 00		•2	•2	•4														8	8	16	47
00 / 00		•5	•1	•2														8	8	17	41
00 / 00	•2	•2	•2	•1														7	7	9	39
00 / 00		•1	•1															2	2	5	48
00 / 00		•2	•1															3	3	5	44
00 / 00			•2															2	2	5	24

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
55-78, 74-78 — YEARS
NOV — MONTH
PAGE 2
15Z-17Z — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 1			.3															3	3	1	1
1 / 11																				3	10
1 / 9																				4	9
0 / 7																					17
0 / 5																					5
0 / 3																					3
0 / 1																					3
0 / -1																					7
-1 / -3																					7
-1 / -5																					4
-1 / -7																					
TOTAL	1.3	11.6	13.1	13.9	14.5	14.6	13.1	9.8	6.2	1.6	.2	.1						999	999	999	999

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3.86769	51642	52.2	19.282	999							
Dry Bulb	2857.14	49785	50.3	12.456	999		6.4	8.6	2.0	.5		99
Wet Bulb	1659.72	4142	42.2	10.255	999		15.0					99
Dew Point	1162072	31426	31.7	12.497	999	1.5	49.0					99

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
55-70, 74-74 — YEARS
NOV — MONTH
PAGE 1
1203-2306 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]								.1										1	1		
[illegible]							.1											1	1		
[illegible]					.1	.2	.2		.1									6	6		
[illegible]					.4													4	4		
[illegible]		.2	.1	.2	.2		.1	.1										10	10		
[illegible]				.2		.1	.4											7	7	5	
[illegible]		.6	.5	.2	.2		.1	.1										23	23	5	5
[illegible]		.7	.9	.9	.5	.6	.3	.1										39	39	19	
[illegible]		.5	.7	1.2	.3	.4	.2	.3										59	59	19	9
[illegible]		.4	.6	.5	.3	.8	1.1	.2										43	43	16	19
[illegible]		.6	1.1	.4	.5	.7	.2											40	40	34	11
[illegible]	.2	1.1	1.3	.6	.4	1.0	.2											51	51	34	25
[illegible]		1.1	.5	1.3	1.2	.4	.3	.1										52	52	44	28
[illegible]		.7	.7	1.5	2.3	.4	.3											52	52	34	36
[illegible]		1.4	2.2	1.9	1.2	.7	.2											61	61	46	27
[illegible]		1.5	1.3	1.9	1.1	.5	.3											66	66	73	26
[illegible]		.1	1.2	1.4	.3	.4												43	43	68	47
[illegible]	.1	1.1	3.7	1.3	1.3	.1												78	78	69	36
[illegible]	.1	2.3	1.9	1.6	.3	.1												70	70	43	44
[illegible]	.1	1.7	1.8	1.2	.5	.3												63	63	46	51
[illegible]		1.3	2.3	1.4	.1													47	47	56	59
[illegible]	.1	1.2	1.1	.3	.1													34	34	72	84
[illegible]		1.3	2.6	.8														44	44	59	77
[illegible]	.3	.4	.7	.5	.2													25	25	37	54
[illegible]	.1	.7	.7	.5														20	20	42	48
[illegible]		.5	.3	.2														10	10	23	33
[illegible]	.3	.4	.3	.1														11	11	14	45
[illegible]		.4		.1														5	5	1	45
[illegible]			.2															2	2	7	46
[illegible]		.2	.1															3	3	2	25
[illegible]		.1																1	1	4	14
[illegible]		.4	.1															5	5	4	6
[illegible]	.1	.2																3	3	6	14
[illegible]																				2	13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
55-71, 74-78 — YEARS
NOV — MONTH
0000-2300 — 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
-/	.1																	1	1	1	
-/																					
-/																					
-/																					
-/ -3																					
-/ -7																					
-/ -6																					
TOTAL	.1	12.1	8.2	6.2	1.3	1.4.9	7.7	3.9	1.0	.1									30.1		99.9
																		990		990	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4778338	63645	64.3	17.027	990							
Dry Bulb	1769822	42764	43.2	11.137	990		19.9	1.1	.1			90
Wet Bulb	1554341	37917	38.3	10.161	990		25.9					90
Dew Point	1110256	30748	31.1	12.557	990	1.6	51.9					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

STATION	STATION NAME	YEARS	MONTH
13947	MARSHALL AAF KS	65-73, 74-78	NOV

PAGE 1 — HOURS (L. S. T.): 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥87/67					•		•											5	5		
87/65				•	•													6	6		
87/63			•		•		•											12	12		
87/61			•	•	•		•											10	10	9	5
87/59			•	•	•	•	•	•										24	24	13	6
87/57	•	•	•	•	•	•												25	25	21	11
87/55		•	•	•	•	•	•											23	28	19	12
87/53	•	•	•	•	•	•	•											25	25	21	13
87/51	•	•	1	•	•	•	•											35	36	17	28
87/49		1	1	•	•	1	•	•										48	48	29	11
87/47		•	•	•	•	•	•											37	37	42	21
87/45		2	2	1	1	•												65	65	57	31
87/43		2	1	1	•	•												71	71	49	34
87/41		1	1	1	1	•												44	44	71	58
87/39	•	1	2	•	•	•												57	57	54	41
87/37		2	2	•	•	•												62	62	79	56
87/35	•	2	1	1	•	•												71	71	76	61
87/33	•	2	2	1	•													72	72	67	52
87/31		4	2	•	•													70	70	83	63
87/29	•	2	2	•														57	57	88	66
87/27	•	1	1	•														57	57	71	70
87/25		2	•	•														52	52	45	52
87/23		1	•	•														19	19	43	61
87/21	•	•	•															14	14	21	51
87/19	•	•	•															14	14	11	35
87/17	•	•	•															6	6	19	62
87/15	•	•																5	5	6	32
87/13		•																1	1	4	13
87/11	•	•	•															5	5	2	11
87/9		•	•															4	4	2	15
87/7																				4	5
87/5	•	•																7	7	4	5
87/3																				3	5
87/1	•																	2	2	2	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	MARSHALL AAF KS	65-70, 74-78	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 3 21[illegible]-23[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ - 1	.1																	1	1	1	6
- / - 3																					4
- / - 5																					5
- - / - 9																					1
TOTAL	4.1	37.2	29.5	15.0	7.3	4.5	2.1	.3										989	99.1		989
																		989		989	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	522102	70172	71.0	15.282	989							
Dry Bulb	1152932	37184	39.6	11.554	990	.1	24.7	.5				9[illegible]
Wet Bulb	1389695	35549	35.9	10.643	989	.1	34.9					9[illegible]
Dew Point	1054899	29911	30.2	12.333	989	1.9	53.7					9[illegible]

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

13647 — STATION
MARSHALL AAF KS — STATION NAME
65-70,74-78 — YEARS
NOV — 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
-/ 81									.1	.0								6	6		
-/ 79								.3	.1	.1								5	5		
7 / 77								.3	.1		.1							5	5		
75/ 75							.1	.1	.1	.1								13	10		
74/ 73								.1	.1			.1						17	17		
-/ 71					.1		.1	.1	.1									24	24		
-/ 69					.1	.1	.2	.2	.1	.1	.1							56	56		
67/ 67				.1	.2	.2	.2	.2	.2	.1								93	93		
57/ 65		.1	.1	.2	.4	.2	.2	.2	.1	.0								125	125	7	
47/ 63		.1	.1	.3	.4	.5	.3	.1	.2									135	136	22	1
27/ 61		.3	.3	.4	.4	.2	.2	.3	.2									177	177	37	15
-/ 59	.1	.2	.5	.5	.3	.4	.5	.5	.1									270	270	134	47
-/ 57	.1	.7	.6	.4	.3	.5	.3	.3	.1									254	254	212	80
5/ 55	.1	.6	.4	.3	.3	.7	.3	.2	.1	.1								293	293	295	127
47/ 53	.1	.6	.5	.4	.5	.7	.5	.2	.1									277	277	224	131
27/ 51	.3	.7	.9	.6	.7	.7	.4	.2	.1									351	352	251	144
-/ 49	.2	.6	.7	.5	.4	.7	.4	.1										336	336	242	207
-/ 47	.1	1.1	.8	.4	.5	.6	.4	.1										362	362	305	171
-/ 45	.1	1.9	1.2	1.5	.9	.5	.1											473	473	402	232
47/ 43	.1	1.9	1.3	1.5	.5	.4	.1											462	463	486	228
27/ 41	.1	1.1	1.5	1.2	.5	.2	.1											377	377	499	289
-/ 39	.2	1.9	2.2	1.1	.5	.1	.1											443	443	513	329
-/ 37	.2	2.1	1.9	1.3	.4	.2	.1											455	455	589	339
-/ 35	.6	2.5	1.9	1.1	.4	.2												510	510	589	451
34/ 33	.2	2.1	2.1	.9	.2	.1												451	451	523	477
-/ 31	.2	2.4	1.9	.6	.1													410	410	466	635
-/ 2	.4	2.5	1.5	.5	.1													369	369	531	529
-/ 27	.4	1.9	.9	.2	.1													267	268	463	488
-/ 25	.2	2.1	.8	.3														253	253	329	484
-/ 23	.1	1.4	.5	.1														153	155	290	422
22/ 21	.4	.7	.3	.1														122	122	192	411
-/ 19	.2	.4	.1	.2														68	89	108	422
-/ 17	.1	.5	.1															50	50	92	331
-/ 15	.1	.5	.1															35	35	57	219

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
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

13967 | MARSHALL AAF KS | 55-70, 74-78 | NOV
STATION | STATION NAME | YEARS | MONTH

PROB. 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
19 / 13	.1	.2	.1															53	53	54	155
12 / 11	.1	.2	.1															22	22	31	171
10 / 9	.1	.3	.0															26	26	23	97
08 / 7	.1	.1																11	11	24	60
06 / 5	.1	.1																15	15	15	56
04 / 3	.1	.0																4	4	6	51
02 / 1	.1	.0																9	9	9	46
01 / -1	.1																	9	9	4	38
-2 / -3	.1																	2	2	2	38
-4 / -5	.1																	5	5	3	26
-6 / -7	.1																	2	2	1	12
-8 / -9	.0																	1	1	1	5
-10 / -11																					2
-12 / -13																					2
-14 / -15																					1
TOTAL	4.9	37.4	23.2	14.4	9.7	7.0	4.5	2.6	1.4	.1	.1	.0							7915		7911
																		7911		7911	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3[illegible]35525	531569	67.2	18.772	7911							
Dry Bulb	15242268	331162	41.9	13.35	7915	1.1	172.7	19.6	3.9	.9		720
Wet Bulb	12302552	295216	37.3	11.171	7911	1.1	244.7					720
Dew Point	8677359	242459	30.6	12.553	7911	11.3	420.3					720

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-78, 74-78 — YEARS
DEC — MONTH
PAGE 1
0300-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47 / 63					.1													2	2		
47 / 61		.1	.1	.2	.2				.1									5	6		
57 / 59		.5	.5	.2														13	13	12	
57 / 57			.1	.5		.1												5	5	7	7
55 / 55		.2		.2				.1										5	5	7	3
47 / 53								.1										1	1	6	5
53 / 51			.1	.1	.4		.1											7	7	3	4
51 / 49		.1	.3	.2			.1											7	7	4	6
49 / 47		.2	.3	.1		.2												6	6	6	2
49 / 45		.4	.4	.4	.1	.2	.1											16	15	8	7
47 / 43		.1	.6	.6	.2	.2												17	17	9	7
45 / 41		.3	1.4	.8		.5												28	28	11	7
43 / 39	.1	.4	1.2	.8	.2													32	32	25	17
41 / 37	.2	2.4	1.5	1.1	.5													55	55	42	34
39 / 35	.8	2.4	3.7	1.2	.3													75	75	51	54
37 / 33	1.1	3.6	2.5	1.1	.2													84	84	76	55
35 / 31	.7	4.1	3.4	1.1	.1													94	94	77	65
33 / 29	.9	3.3	2.6	.1														71	97	93	73
31 / 27	1.2	4.8	1.8	.5														82	82	99	74
29 / 25	.9	2.2	1.7															68	68	84	75
27 / 23	.5	.7	1.6															69	69	82	66
25 / 21	1.7	.5	.6															49	49	59	55
23 / 19	1.3	3.4	1.7															65	65	54	79
21 / 17	1.1	2.9	.4															44	44	61	72
19 / 15	.5	2.5																29	29	38	83
17 / 13	.3	2.5																31	31	54	76
15 / 11	.1	1.1																12	13	14	42
13 / 9	.4	.4																12	12	14	33
11 / 7	.5	.7																13	13	12	39
9 / 5	.3	.5																8	8	12	25
7 / 3	.4	.1																5	5	7	21
5 / 1	.4	.2																6	6	2	19
3 / -1	.3																	3	3	5	14
1 / -3		.1																1	1		6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MARSHALL AAF KS STATION NAME | [illegible] YEARS | OCT MONTH

[illegible] PAGE 2 | [illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / --		.1																1	1	2	4
- / -[illegible]	.5																	5	5	1	5
-[illegible] / -11	.1																	1	1	1	
-[illegible] / -17																					1
-[illegible] / -1[illegible]																					1
TOTAL	15.6	51.3	24.8	3.3	1.4	1.0	.5	.2	.1										1.22		1021
																		1021		1021	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]46469	75[illegible]49	74.4	13.892	1021							
Dry Bulb	615[illegible]	79279	77.6	11.771	1022	.1	20.9					[illegible]5
Wet Bulb	[illegible]1 [illegible]94.1	26 72	2[illegible].5	10.378	1021	.	79.5					[illegible]5
Dew Point	579529	21533	21.1	11.143	1021	3.5	79.9					95

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

SECTION CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14947 — STATION
MARSHALL AAF KS — STATION NAME
55-73, 74-75 — YEARS
DEC — MONTH
[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
67 - 69					.1													1	1		
64 - 66					.1													1	1		
[illegible]		.2	.5		.1													7	7		
[illegible]		.1		.2														3	3	4	
[illegible]		.5	.4	.3														12	12	3	3
52 - 54		.1																1	1	4	2
[illegible]																				2	2
[illegible]		.1			.2													3	3	4	1
[illegible]		.2	.3	.2			.3											10	11		9
[illegible]		.2		.2	.3													8	8	2	2
[illegible]			.1	.2	.1	.1	.2											7	7	4	3
[illegible]	.1	.1	.5	.2	.2													11	11	3	1
[illegible]		.7	1.1	.4	.4	.2												24	25	5	3
[illegible]	.1	.9	.5	.3	.1													25	25	11	4
[illegible]	.5	1.4	1.3	.6	.1													43	43	25	11
[illegible]	.9	2.1	2.5	.6														62	62	34	21
[illegible]	1.5	3.6	2.2	.4														73	75	52	43
[illegible]	.2	4.7	1.9	.7														76	76	59	44
[illegible]	1.1	4.6	2.9	1.1														99	99	75	57
[illegible]	1.1	4.7	2.2	.1														81	81	75	58
[illegible]	1.7	5.7	1.3															85	85	104	71
[illegible]	1.2	4.8	1.2															75	75	96	85
[illegible]	1.7	2.3	.9															49	49	74	57
[illegible]	.6	3.8	.3															46	46	81	66
[illegible]	1.3	3.6	.4															55	55	54	74
[illegible]	1.2	4.1	.3															56	55	[illegible]	[illegible]
[illegible]	.9	2.1																29	29	44	28
[illegible]	.4	.7																11	11	23	6
[illegible]	.5	1.2																17	17	14	47
[illegible]	.4	.7																11	11	13	54
[illegible]	.3	1.1																13	13	10	22
[illegible]	.1	.2																10	11	13	14
[illegible]	.5	.5																5	6	8	16
[illegible]																					2

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-4-7 STATION | MARSHALL AAF MS STATION NAME | 65-71, 74-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 / -3	.7																	4	4	4	4
-4 / -5																					1
-2 / -7	.4																	5	5	5	5
-6 / -9																					1
-8 / -11	.3																	3	3	3	
-12 / -13																					4
TOTAL	16.6	54.2	20.7	5.4	2.3	.3	.5												1 25		1023
																		1023		1025	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6[illegible]8696	77834	76.1	13.228	1023							
Dry Bulb	478695	27755	27.1	11.005	1023	.7	66.2					743
Wet Bulb	752143	25716	25.1	10.165	1023	.7	73.3					743
Dew Point	546805	23687	23.2	11.177	1023	4.0	62.3					743

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

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 65-70, 74-77 | DEC
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
-47 / -43		.2																2	2		
-42 / -38		.1		.1														2	3		
-37 / -33			.2															2	2	2	2
-32 / -28			.5	.4														9	9		
-27 / -23					.1													1	1	1	
-22 / -18		.1	.2															3	3	3	1
-17 / -13		.1	.5	.2			.1											7	7	3	2
-12 / -8				.4		.1	.1											6	6	5	7
-7 / -3		.5			.2	.1												8	8	4	6
-2 / 2		.1	.4	.1	.1													7	7	1	5
3 / 7	.1	.2	.3		.2	.3												11	11	3	3
8 / 12		.3	.6	.6	.1													16	16	3	4
13 / 17	.1	1.1	.3	.7	.2													23	23	14	7
18 / 22	.3	1.9	1.0	.7	.1	.1												43	43	26	12
23 / 27	.3	2.3	1.8	.6	.2													49	49	34	15
28 / 32	1.4	3.7	1.5	.5														73	73	65	16
33 / 37	.5	4.6	1.7	.4														73	73	73	45
38 / 42	.7	4.5	2.2	1.1														98	98	82	43
43 / 47	1.4	6.4	2.1	.1														100	100	92	53
48 / 52	1.3	5.1	1.5	.1														91	91	119	77
53 / 57	1.5	3.8	.6															65	71	100	49
58 / 62	1.2	3.4	1.2															66	66	95	102
63 / 67	.3	4.4	.4															58	58	59	101
68 / 72	.3	4.7	.5															56	56	65	94
73 / 77	.8	3.6	.1															46	46	46	55
78 / 82	.5	2.7	.1															37	37	49	67
83 / 87	.4	1.4																20	21	31	64
88 / 92	.7	.9																16	16	19	45
93 / 97	.4	1.5																19	19	19	41
98 / 102	.1	.4																9	9	17	24
103 / 107	.4	.7																11	11	11	19
108 / 112	.3	.2																5	5	7	25
113 / 117	.4																	4	4	4	9
118 / 122	.3																	3	3	3	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12947 — STATION
MARSHALL AAF KS — STATION NAME
65-73,74-78 — YEARS
DEC — MONTH
PAGE 1
0600-0900 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5	.2																	2	2	2	4
-2/ -3	.3																	5	5	5	7
0/ -1	.2																	2	2	2	2
2/ 1	.1																	1	1	1	5
4/ 3																					2
6/ 5																					1
8/ 7																					5
TOTAL	16.9	58.3	17.0	5.8	1.2	.6	.2											1022		1022	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6149521	78365	76.7	12.849	1022							
Dry Bulb	722359	26739	26.2	10.967	1022	1.4	69.2					93
Wet Bulb	756821	24837	24.3	10.190	1022	1.4	76.5					95
Dew Point	519093	19934	19.5	11.296	1022	3.9	83.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
DEC — 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
68 / 68			.1															1	1		
67 / 65			.2															2	2		
66 / 63		.1	.1															2	2	1	
65 / 61					.2		.1											3	3	4	
64 / 59			.1	.2	.3				.1	.1								6	6		4
63 / 57			.2	.1	.2			.1	.2									8	8		1
62 / 55				.3	.3			.2	.1									8	8	2	
61 / 53		.2	.1		.2	.1	.1											7	7	7	1
60 / 51			.3	.2	.2	.2	.4											13	13	5	4
59 / 49		.1	.2	.6	.8	.2	.1											22	22	7	3
58 / 47		.3	.4	.3	.6	.8	.1											25	25	9	4
57 / 45		.7	.5	.6	1.3	.3	.1											35	35	16	6
56 / 43	.1	.5	.7	1.2	.7	.3												35	35	25	10
55 / 41		.4	.5	1.5	1.1	.5												40	40	31	17
54 / 39	.1	1.3	1.2	1.3	1.0													49	49	31	14
53 / 37	.1	1.8	1.3	1.5	.5	.2												54	54	38	21
52 / 35	.4	1.8	2.4	1.8	.4													69	69	49	34
51 / 33	.6	5.2	4.8	1.4	.2													124	124	83	62
50 / 31	.5	3.0	2.3	1.1														68	68	119	91
49 / 29	.9	4.9	2.4	.2														86	86	136	98
48 / 27	.9	3.7	1.3	.4														64	64	87	96
47 / 25	.6	2.2	1.8	.3														49	49	78	93
46 / 23	.4	2.0	1.9	.5														46	46	45	75
45 / 21	.5	2.8	1.2	.1														47	47	51	71
44 / 19	.5	2.3	1.6	.1														43	43	53	76
43 / 17	.5	2.3	.5															31	31	35	51
42 / 15	.3	1.5	.3															21	21	35	46
41 / 13	.1	1.6																17	17	23	47
40 / 11	.4	.5	.2															14	14	20	43
39 / 9	.1	.7	.1															9	9	14	34
38 / 7	.1	.4																5	5	8	25
37 / 5		.1																1	1	4	35
36 / 3	.2	.5																7	7	4	29
35 / 1	.1	.4																5	5	5	17

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | MARSHALL AAF KS | 65-70,74-78 | DEC
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
/ - 1	.2	.1																3	3	0	3
- 2 / - 5		.1																1	1	2	4
-6 / -9		.1																1	1	1	1
-8 / -7																					5
-8 / -9																					2
-10 / -11																					1
-12 / -13																					5
-14 / -15																					2
-16 / -17																					2
TOTAL	6.9	41.5	26.4	13.4	7.5	2.5	.9	.3	.4	.1									1021		1021
																		1021		1021	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3[illegible]20[illegible]5	70071	68.6	16.363	1021							
Dry Bulb	11622[illegible]	32455	31.8	11.313	1021	.5	47.2	.1				93
Wet Bulb	731332	29114	28.5	9.958	1021	.2	63.1					93
Dew Point	615862	22338	21.9	11.339	1021	2.7	80.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
FOR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
DEC — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 71					.1													1	1		
[illegible] / 69					.2													2	2		
5[illegible] / 67								.1		.1	.2							4	4		
[illegible]67 / 65			.1			.1	.3	.2	.2	.1	.1							11	11		
[illegible]47 / 63			.3	.2	.1		.3	.1	.2	.3								15	15	2	
[illegible]7 / 61				.2	.1	.3		.2	.4	.4								16	16	2	
[illegible] / 59				.1	.1	.1		.9	.2									14	14	3	1
5[illegible] / 57		.1		.4	.1	.2	.4	.5	.9									26	26	5	6
5[illegible] / 55			.2	.3	.6	.6	1.2	.8	.1									38	38	4	1
[illegible]47 / 53		.1		.3	.4	.8	.5	.9	.1									51	51	7	5
[illegible] / 51				.5	.7	1.1	1.[illegible]	.1	.2									36	36	15	1
5[illegible] / 49			.4	.4	1.4	.9	1.[illegible]	.1										42	42	12	3
[illegible]7 / 47		.2	.6	.6	2.1	1.6	.7	.2										59	59	20	4
[illegible]7 / 45	.1	.2	.4	.7	1.5	1.4	1.1											57	57	53	15
[illegible]47 / 43	.1	.2	1.1	1.4	1.2	1.5	.3											58	58	56	5
42 / 41	.1	.5	.6	1.7	1.8	.3	.1											51	51	53	19
[illegible] / [illegible]	.2	.7	1.1	1.4	1.5	.6												55	55	83	14
3[illegible] / 37		1.4	1.7	1.8	.7	.1												57	57	73	28
2[illegible] / 35	.2	1.9	2.5	1.5	1.1													73	73	87	53
3[illegible] / 33	.4	1.6	2.0	1.2	.6													58	58	97	42
[illegible]7 / 31	.2	3.2	1.6	.7	.9													67	67	81	65
[illegible] / 29	.4	1.2	1.2	1.8	.8													54	54	64	93
[illegible]7 / 27		1.5	1.1	1.2														36	36	47	97
[illegible]7 / 25		.8	2.3	.9														37	37	45	75
[illegible]7 / 23		1.1	1.5	.5														32	32	49	61
[illegible]7 / 21		.9	1.5	.1														25	25	46	61
[illegible] / 19		1.4	1.5	.1														30	30	52	79
[illegible] / 17	.1	.4																5	5	29	55
1[illegible] / 15		.5	.4															9	9	17	53
[illegible]7 / 13		.1	.4															5	5	5	59
1[illegible] / 11	.5	.3	.1															7	7	11	58
[illegible] / 9			.1															1	1	6	26
[illegible] / 7																				1	53
[illegible] / 5		.2	.1															3	3		37

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
DEC — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60 / 63	.1	.3																4	4	4	10
56 / 59	.1	.1																2	2	5	1
52 / 55																					4
48 / 51																					6
44 / 47																					3
40 / 43																					1
36 / 39																					3
32 / 35																					4
28 / 31																					2
24 / 27																					3
TOTAL	.2	.4	.1	.1	.7	.9	.4	.6	.2	.4	.2	.3	.9	.9				1021	1021	1021	1021

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3560120	56994	55.8	19.266	1021		28.9	.6				93
Dry Bulb	1725290	39996	39.2	12.466	1021		41.3					93
Wet Bulb	1428247	33916	33.2	9.981	1021							93
Dew Point	683107	23605	23.1	11.635	1021	2.4	76.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
DEC — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
69/ 67				.1				.1	.1	.2	.1							5	6		
68/ 66							.1	.1	.3		.3							9	9		
67/ 65			.1	.3	.2	.1	.3			.4	.1							13	13		
66/ 63			.2	.2	.1	.2		.1	.3	.3								17	17	1	
65/ 59				.1			.1	1.3	.4	.2								21	21	2	
64/ 57				.4	.3	.1	1.1	.7	.7									38	38	4	1
63/ 55			.1	.7	.5	.3	1.1	.9	.5	.1								41	41	6	4
62/ 53				.1	.6	1.3	.6	.7	.1									34	34	6	2
61/ 51		.2	.3	.3	.3	.3	1.1	.1	.2									35	35	12	1
60/ 49		.1	.1	.3	.3	1.3	1.2	.4										47	47	19	7
59/ 47			.5	.4	2.1	.8	.5	.2										45	45	22	5
58/ 45			.4	1.1	1.3	1.3	.4											50	50	55	12
57/ 43	.1	.1	.5	1.1	1.6	1.6	.3											53	53	51	11
56/ 41	.1	.9	.7	1.9	1.5	1.3	.2											66	66	55	11
55/ 39	.2	1.4	1.5	1.2	1.7	.7												65	65	93	14
54/ 37	.3	1.4	1.8	2.3	1.3	.2												71	71	79	36
53/ 35		1.7	2.7	.9	.9													55	55	85	31
52/ 33	.6	1.8	2.4	1.3	1.1													73	73	82	34
51/ 31	.1	1.7	1.7	1.2	1.4													61	61	112	64
50/ 29	.2	1.7	1.3	1.3	.6													51	51	64	94
49/ 27		1.7	1.4	.9														40	40	54	75
48/ 25	.2	1.1	.6	.9														28	28	56	69
47/ 23		.3	.9	.7														19	19	51	63
46/ 21	.1	1.3	1.5	.2														51	31	28	75
45/ 19		1.1	.5	.1														18	18	34	71
44/ 17		.4	.9															13	13	22	55
43/ 15		.7	.1															8	8	10	54
42/ 13			.2															2	2	16	33
41/ 11		.4																4	4	3	41
40/ 9																				4	28
39/ 7			.2															2	2		34
38/ 5		.4																4	4		25
37/ 3		.1																1	1	6	15
36/ 1		.2																1	1	2	10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
DEC — MONTH
PAGE 2
1500-17 — 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
/ -	.2																	1	1	1	5
- / -																					0
-4/ -5																					0
-2/ -3																					3
-0/ -1																					3
-8/ -9																					3
-6/ -7																					1
-4/ -5																					1
-2/ -3																					2
TOTAL	.2	.3	1.6	2.9	5.1	8.2	16.6	9.8	6.9	4.9	2.4	1.0	.5					1023	1025		1023

1023 — 1025

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3455117	55457	54.7	19.643	1023							
Dry Bulb	1777203	40783	39.9	12.109	1023	.1	25.8	.5				93
Wet Bulb	1251982	34410	33.6	9.614	1023	.1	41.2					93
Dew Point	680791	23663	23.1	11.427	1023	2.7	75.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — YEARS
DEC — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 67					.1		.1											2	2		
[illegible] 61			.4	.2	.2													5	4		
[illegible] 59							.1											1	1		
[illegible] 57		.1	.4															5	5	6	
56/ 55		.1	.4	.3		.5												13	13	5	4
[illegible] 53		.1	.2	.5	.1	.4	.1											12	12	5	4
[illegible] 51			.2	.3	.2	.3	.3		.1									14	14	7	4
[illegible] 49		.5	.4	.7	.4	.4	.6	.5										31	31	9	5
[illegible] 47		.2	.1	.1	.2	.7		.1										29	29	10	7
[illegible] 45		.3	.7	.5	.4	.7	.1											32	32	17	8
[illegible] 43		.3	1.2	1.3	.4	.5												34	34	17	3
[illegible] 41		.5	1.1	1.1	1.2	.3												42	42	22	
[illegible] 39	.1	2.1	2.2	1.4	.4													66	66	45	15
[illegible] 37	.3	1.8	2.2	2.2	1.4													74	74	71	31
[illegible] 35	.6	3.1	2.2	2.1	.1													82	82	74	31
34/ 33	.5	4.1	3.4	1.8	.1	.1												102	102	94	54
[illegible] 31		3.3	3.4	1.7	.5													89	89	100	61
[illegible] 29	.4	2.7	3.3	.7														75	75	99	83
[illegible] 27	.4	3.5	1.7	1.3														70	70	93	74
[illegible] 25	.1	2.8	2.2	.5														57	57	82	52
24/ 23	.2	1.6	.8															26	26	58	61
[illegible] 21	.4	2.2	1.5															42	42	54	69
[illegible] 19	.1	2.1	1.5	.1														37	37	36	65
[illegible] 17	.1	1.3	.5															19	19	37	77
16/ 15	.1	1.1	.4															21	21	24	47
[illegible] 13	.1	1.1	.4															17	17	18	47
12/ 11	.1	.9	.2															12	12	17	35
[illegible] 9	.1	.4																5	5	14	48
[illegible] 7		.1																1	1	5	33
[illegible] 5																					20
[illegible] 3		.2																2	2		16
[illegible] 1		.3																3	3	6	8
[illegible] -1	.2																	2	2	5	9
[illegible] -3	.1	.1																2	2	1	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USCHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-47 | MARSHALL AAF KS | 55-70, 74-78 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-5/-5																				1	
-3/-1																					1
-5/-4																					7
-18/-17																					4
TOTAL	3.9	36.4	51.2	16.2	9.7	3.9	1.5	.4	.1									1 23	1023	1025	1023

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	418798	58189	56.7	16.366	1023							
Dry Bulb	1232 68	33902	33.0	10.616	1023	.4	43.6					43
Wet Bulb	778734	30136	29.5	9.437	1023	.0	58.7					58
Dew Point	639911	22869	22.4	11.225	1023	2.9	77.4					43

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

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-72, 74-78 — YEARS
DEC — MONTH

PAGE 1 — 2100-2500 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
-47 / 65			.1	.1	.2													4	4			
-27 / 61		.1	.1	.3		.1												6	6			
-7 / 59		.1		.1														2	2	3	1	
13 / 57		.5	.1	.2	.4	.1												12	12	4	1	
33 / 55			.1	.3														4	4	0	3	
53 / 53				.1														1	1	3	7	
73 / 51			.3	.5	.7													15	15	5	3	
93 / 49		.2		.4			.3											9	9	8	5	
113 / 47		.1		.4	.1	.2												8	8	4	2	
133 / 45		.5	.2	.5	.2	.3	.1											18	18	9	9	
153 / 43		.2	.4	.6	.4	.3	.3											22	22	14	2	
173 / 41		.5	.9	1.2	.6	.4												36	36	7	11	
193 / 39	.3	1.4	1.7	.5	.6	.2												47	47	25	7	
213 / 37	.5	2.4	2.0	2.1	.3													72	72	53	14	
233 / 35	.5	3.7	2.8	1.2	.1													85	86	55	40	
253 / 33	1.3	2.6	2.2	1.4	.1													73	73	95	53	
273 / 31	.6	4.3	2.6	.9														86	86	97	51	
293 / 29	.4	4.5	4.7	.1														94	95	78	5	
313 / 27	1.3	3.5	2.4	.5														75	75	104	54	
333 / 25	.6	4.2	2.9	.1														79	79	80	64	
353 / 23	.2	2.8	1.1	.1														43	43	41	67	
373 / 21	.7	2.5	.5															37	37	56	65	
393 / 19	1.1	3.9	.5															56	56	46	45	
413 / 17	.2	1.6	.3															21	21	45	64	
433 / 15	.2	2.8	.1															30	31	26	67	
453 / 13	.4	1.5	.3															22	22	26	58	
473 / 11	.5	1.5																19	19	21	45	
493 / 9	.5	1.1	.1															17	17	26	58	
513 / 7	.5	1.5																19	19	14	29	
533 / 5																				9	15	
553 / 3	.1	.1																2	2	1	23	
573 / 1	.1	.2																3	3	2	12	
593 / -1		.1																1	1	2	14	
613 / -3		.1																1	1	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 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
MARSHALL AAF KS — STATION NAME
69-70, 74-78 — YEARS
DEC — MONTH
PAGE 2
21[illegible]-25[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible]/-5		.5																5	5	1	[illegible]
-[illegible]/-7		.1																1	1	5	[illegible]
-[illegible]/-9																					[illegible]
-[illegible]/-17																					[illegible]
-[illegible]/-19																					[illegible]
TOTAL	9.	14.	6.	2.	5.	7.	1.	0.	9.	3.	5	1.	6	.6					1022		1022
																		1020		1024	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	551-737	73:45	72.1	14.590	1020							
Dry Bulb	1[illegible]4225	30[illegible]87	30.0	10.967	1022	.9	55.5					[illegible]
Wet Bulb	[illegible]662[illegible]4	27[illegible]30	27.4	9.976	1023	.7	66.1					[illegible]
Dew Point	606355	22[illegible]31	21.6	11.3[illegible]3	1020	3.1	78.8					[illegible]

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	MARSHALL AAF KS	[illegible]	[illegible]

PART I — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]					.1													1	1		
[illegible]					.1													2	2		
[illegible]			.2	.6				.1	.1	.1	.1							11	11		
[illegible]			.2		.0	.0	.1	.1	.1	.1	.1							25	25		
[illegible]		.2	.1	.1	.2	.3	.1	.1	.1	.1	.1							41	41	3	
[illegible]		.1	.1	.1	.1	.1	.1	.2	.1	.1								65	65	8	
[illegible]		.1	.1	.1	.1	.1	.3	.5	.1	.0								89	89	15	4
[illegible]		.1	.2	.5	.2	.1	.2	.2	.2									113	113	31	14
[illegible]		.0	.1	.3	.2	.2	.3	.2	.1	.1								111	111	39	17
[illegible]		.1	.1	.1	.2	.3	.2	.2	.1									89	89	44	28
[illegible]		.3	.2	.4	.6	.5	.4	.1	.1									170	170	55	30
[illegible]		.1	.2	.5	.6	.4	.4	.1										173	173	51	43
[illegible]		.2	.2	.3	.6	.5	.2	.1										141	141	19	12
[illegible]	.1	.3	.4	.5	.5	.5	.3											222	222	1.5	57
[illegible]	.1	.2	.6	.7	.6	.6	.1											241	241	145	41
[illegible]	.1	.5	.2	1.1	.4	.4	.1											317	317	191	72
[illegible]	.1	1.2	1.2	.9	.3	.2												362	362	332	79
[illegible]	.5	1.9	1.5	1.5	.5	.1												471	471	444	156
[illegible]	.5	2.3	2.4	1.2	.4													551	551	467	259
[illegible]	.9	5.3	2.6	1.1	.5	.1												665	665	674	353
[illegible]	.3	3.6	2.3	.9	.3													614	614	717	447
[illegible]	.3	3.4	2.5	.6	.2													619	619	654	551
[illegible]	.7	3.7	1.7	.6														548	548	649	591
[illegible]	.6	3.2	1.3	.4														485	485	636	621
[illegible]	.5	2.8	1.2	.2														368	368	514	497
[illegible]	.4	2.3	1.1	.1														346	346	435	517
[illegible]	.3	2.8	.9	.1														355	355	354	673
[illegible]	.4	2.1	.4															244	244	354	487
[illegible]	.4	2.1	.5															229	229	251	421
[illegible]	.4	1.4	.2															169	169	215	423
[illegible]	.5	.9	.1															98	98	145	515
[illegible]	.5	.6	.0															77	77	114	292
[illegible]	.2	.5	.1															86	86	45	285
[illegible]	.1	.3	.1															34	34	57	243

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAF ETAC

PSYCHROMETRIC SUMMARY

13947 MARSHALL AAF KS 65-73,74-75 DEC

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.2	.5																42	45	13
/ 1		.2	.2																51	56	117
/ -2		.1	.1																15	21	35
-1 / -3		.1	.3																13	14	65
-1 / -5		.1	.1																7	7	25
-1 / -7		.1	.1																13	14	25
-1 / -9		.1																	2	2	4
-1 / -11		.1																	5	5	11
-1 / -13																					3
-1 / -15																					2
-1 / -17																					14
-1 / -19																					2
TOTAL	.94	.7	2	3.4	12.0	7.1	5.6	2.2	1.2	.7	.2	.1						-177			4174
																		3174		3174	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	40553511	550423	68.1	17.899	8174							
Dry Bulb	9501677	261453	32.0	12.325	8177	4.3	546.5	1.3				744
Wet Bulb	7528955	232431	28.5	10.442	8174	5.2	490.5					744
Dew Point	4574328	176639	21.6	11.375	8174	25.1	635.5					744

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747 — STATION
MARSHALL AAF KS — STATION NAME
55-71, 74-79 — YEARS
ALL — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
≤ 12/111																	.1	3	3					
13 / 120																	.2	7	7					
≤ 7/107															.1	.1	.0	23	23					
≤ 7/103														.1	.1	.0	.1	42	42					
≤ 7/105													.1	.1	.1	.0	.2	112	112					
≤ 7/101											.0	.1	.1	.2	.1	.0	.1	172	172					
102 / 99										.1	.1	.1	.1	.1	.1	.0	.3	239	239					
≤ 7 / 97								.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	314	314					
107 / 95								.1	.1	.1	.1	.1	.1	.1	.1	.0		469	469					
≤ 7 / 93							.1	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0	675	679					
≤ 7 / 91						.1	.1	.1	.2	.2	.1	.1	.0	.1	.1	.1	.1	953	965					
≤ 7 / 89					.0	.0	.1	.2	.3	.2	.1	.1	.0	.0	.0	.0	.1	1117	1118					
107 / 87					.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0		1345	1347					
≤ 7 / 85			.0	.1	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0		1613	1614					
≤ 7 / 83		.0	.0	.1	.2	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0			1826	1828	1				
≤ 7 / 81		.0	.0	.1	.3	.5	.5	.3	.3	.2	.1	.1	.0	.0	.0			2417	2418	58				
≤ 7 / 79		.0	.1	.2	.5	.6	.6	.6	.3	.2	.1	.1	.0	.0	.0			2665	2669	407	9			
7 - 7 / 77		.0	.1	.4	.7	.8	.8	.5	.2	.1	.1	.1	.1	.0				2711	2712	1067	76			
107 / 75	.1	.1	.3	.5	.7	.8	.7	.5	.2	.1	.1	.1	.1	.1				2957	2958	2023	527			
≤ 7 / 73	.0	.2	.4	.5	.6	.8	.5	.3	.2	.1	.1	.1	.1					3019	3019	3144	718			
107 / 71	.0	.3	.6	.8	.9	.8	.5	.3	.2	.1	.1	.1	.1					3192	3195	3522	1499			
≤ 7 / 69	.2	.5	.8	.9	.9	.8	.5	.3	.2	.1	.1	.1						3326	3335	4068	2797			
≤ 7 / 67	.2	.5	.7	.9	.8	.5	.3	.2	.2	.1	.1	.1						3178	3181	4107	3515			
≤ 7 / 65	.0	.5	.6	.6	.4	.3	.2	.2	.2	.1	.1							2932	2934	3818	4146			
107 / 63	.1	.6	.5	.6	.4	.2	.2	.1	.1	.1	.0							3008	3009	3775	3825			
≤ 7 / 61	.1	.7	.6	.4	.4	.3	.2	.2	.1	.1	.0							2926	2928	3685	3387			
≤ 7 / 59	.1	.7	.7	.4	.3	.2	.2	.1	.1	.0								3037	3041	3811	3567			
107 / 57	.1	.7	.6	.4	.4	.2	.3	.2	.1	.1								2936	2936	3527	3460			
107 / 55	.1	.5	.5	.4	.4	.2	.2	.2	.1									2724	2724	3245	3753			
≤ 7 / 53	.1	.6	.5	.4	.4	.2	.2	.1	.1									2421	2423	3094	3155			
≤ 7 / 51	.1	.5	.5	.4	.4	.2	.2	.1	.1									2479	2481	2614	3092			
107 / 49	.1	.6	.5	.3	.4	.2	.2	.1										2349	2353	2761	2910			
≤ 7 / 47	.1	.6	.5	.3	.4	.3	.1	.1										2412	2412	2816	2915			
≤ 7 / 45	.1	.7	.6	.3	.3	.2	.1	.1										2658	2663	3099	2764			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | MARSHALL AAF KS STATION NAME | 55-71,74-79 YEARS | ALL MONTH

0000 - 2400 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
9[illegible] 85	.1	.5	.6	.5	.4	.2	.1	.1										2346	2347	536 1	2345
8[illegible] 81	.1	.5	.6	.5	.5	.1	.0	.0										2175	2176	269 1	2451
[illegible] 5[illegible]	.1	.7	.9	.5	.3	.1	.1											2555	2557	2823	2449
5[illegible] 57	.1	.9	.7	.6	.2	.0	.1											2527	2527	3124	2529
3[illegible] 53	.2	1.1	.9	.6	.2	.0	.1											2794	2795	2971	2925
3[illegible] 53	.2	1.1	.9	.5	.1	.1												2738	2738	3175	3051
5[illegible] 51	.1	1.2	.9	.4	.1	.0												2628	2628	3108	3506
[illegible] 2[illegible]	.2	1.1	.9	.3	.0													2390	2393	3131	3174
[illegible] 27	.2	1.2	.7	.2	.1													2262	2263	2739	3227
[illegible] 25	.2	1.2	.5	.1	.0													1901	1902	2647	3141
[illegible] 23	.1	.8	.4	.1	.0													1521	1521	2172	2443
[illegible] 21	.2	.7	.4	.1														1307	1307	1652	2751
[illegible] 17	.2	1.1	.3	.1														1435	1436	1327	2916
[illegible] 17	.1	.7	.2	.1														1353	1355	1427	2252
[illegible] 15	.1	.6	.2															887	891	1145	1857
[illegible] 13	.1	.5	.1															713	715	835	1516
[illegible] 11	.1	.4	.1															609	612	741	1457
[illegible] [illegible]	.1	.5	.0															626	629	696	1247
[illegible] [illegible]	.1	.4	.1															425	425	556	961
[illegible] [illegible]	.1	.2	.0															292	293	424	783
[illegible] [illegible]	.1	.2																261	261	335	691
[illegible] [illegible]	.1	.2																233	235	251	749
[illegible] [illegible]	.1	.0																138	138	191	548
-[illegible] -[illegible]	.1	.1																118	118	122	445
-[illegible] -[illegible]	.1	.1																97	97	95	345
-[illegible] -[illegible]	.1	.1																80	80	73	246
-[illegible] -[illegible]	.1																	69	69	71	246
-[illegible] -11	.1																	48	48	48	149
-[illegible] -13	.1																	18	18	18	69
-[illegible] -15	.1																	20	20	24	95
-[illegible] -17	.1																	8	8	8	131
-[illegible] -19	.1																	5	5	5	114
-[illegible] -21	.1																	1	1	1	58
-[illegible] -23																					23

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15-47	MARSHALL AAF KS	65-71,74-79	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE 3 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
-25/-27																						1
-23/-29																						
-31/-33																						1
TOTAL	9.1	24.3	19.8	13.9	13.4	8.0	6.4	5.1	3.6	2.5	1.6	1.1	.8	.5	.3	.1	.1		96215			96145
																			96145			

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	436752219	6219289	64.7	18.929	96145							
Dry Bulb	327115507	5185481	53.9	22.250	96213	51.2	1717.7	2946.8	2061.5	1150.2	137.3	8763
Wet Bulb	249723629	4553798	47.4	18.816	96145	58.3	2150.4	1682.1	612.1	18.4		8763
Dew Point	199345454	3929252	40.9	20.080	96145	219.6	3206.7	816.2	105.0	.2		8763

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

3

L AL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

47 MARSHALL AAF KS — STATION — STATION NAME

65-71,74-79 — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	21.3	27.2	37.9	49.6	57.8	67.8	73.5	71.0	61.5	49.9	37.8	28.6	48.1
00-02	S D	13.088	13.195	12.869	11.159	9.629	8.483	7.696	7.794	9.983	11.320	11.901	11.671	20.592
	TOTAL OBS	1023	930	1021	990	1019	990	1018	1014	988	1021	988	1022	12024
	MEAN	19.9	25.2	35.6	47.4	55.6	65.6	70.7	68.5	59.2	47.9	36.2	27.1	46.6
03-05	S D	13.195	13.026	12.715	11.134	9.897	8.373	7.443	7.452	9.900	11.278	11.903	11.005	20.062
	TOTAL OBS	1022	930	1022	990	1019	988	1022	1011	990	1023	989	1023	12029
	MEAN	18.6	23.9	35.0	48.5	57.8	68.3	73.3	69.4	59.8	47.8	35.3	26.2	47.1
06-08	S D	13.107	12.829	12.362	10.926	9.558	7.839	7.234	7.369	9.677	11.077	11.689	10.967	21.055
	TOTAL OBS	1022	929	1021	988	1022	988	1021	1017	989	1023	989	1022	12031
	MEAN	23.1	30.3	43.6	57.5	66.7	76.9	82.8	79.2	69.7	58.2	42.8	31.8	55.5
09-11	S D	13.193	13.192	13.461	10.815	9.727	8.254	7.824	8.102	9.757	10.480	11.585	11.513	22.439
	TOTAL OBS	1023	930	1022	988	1023	988	1023	1012	988	1022	990	1021	12030
	MEAN	30.0	37.8	51.0	63.3	72.0	82.1	88.3	85.2	76.0	65.7	50.1	39.2	61.9
12-14	S D	13.780	14.371	14.992	11.552	10.454	8.812	8.435	9.305	10.713	11.537	12.476	12.466	22.534
	TOTAL OBS	1022	928	1023	989	1023	988	1017	1011	989	1022	989	1021	12026
	MEAN	31.6	40.0	55.1	64.9	73.2	83.3	89.7	86.4	77.0	66.3	52.5	39.9	63.1
15-17	S D	13.762	14.811	15.496	11.376	10.255	8.794	8.512	8.964	10.711	11.423	12.456	12.169	22.277
	TOTAL OBS	1022	929	1021	989	1021	988	1020	1013	988	1023	990	1023	12027
	MEAN	28.5	34.4	47.1	59.7	68.4	78.5	84.1	80.7	69.9	57.7	43.2	33.0	57.1
18-20	S D	12.502	13.082	13.982	10.745	9.505	8.260	7.959	8.298	10.192	10.944	11.137	10.616	21.925
	TOTAL OBS	1022	930	1021	990	1019	984	1021	1011	988	1022	990	1023	12021
	MEAN	25.5	29.8	41.2	53.0	61.4	71.6	77.1	74.1	64.1	52.5	39.6	30.0	51.6
21-23	S D	12.986	12.618	12.968	10.565	9.044	8.207	7.647	7.924	9.909	11.247	11.554	10.967	21.745
	TOTAL OBS	1023	930	1023	989	1020	986	1021	1013	989	1023	990	1022	12024
	MEAN	24.5	31.1	43.1	55.5	64.1	74.3	79.9	76.8	67.1	55.8	41.9	32.0	53.9
ALL HOURS	S D	13.909	14.474	15.089	12.744	11.690	10.540	10.586	10.492	12.063	13.144	13.635	12.525	22.250
	TOTAL OBS	8179	7456	8174	7915	8166	7900	8163	8102	7909	8179	7915	8177	96115

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] MARSHALL AAF KS — 65-71,74-79
STATION — STATION NAME — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	19.5	24.6	33.8	44.9	55.2	62.9	66.8	65.5	57.2	45.7	34.9	26.5	44.6
	S D	12.26	11.74	11.13	9.884	8.583	6.760	5.485	5.855	8.616	9.806	11.06	10.37	18.554
	TOTAL OBS	1014	930	1021	990	1017	988	1018	1009	988	1021	987	1021	12009
	MEAN	18.5	23.0	32.3	43.5	51.8	61.5	65.4	63.5	55.7	44.3	33.7	25.1	43.2
[illegible]	S D	12.44	11.79	11.31	10.15	9.031	6.914	5.728	6.022	8.899	10.17	11.18	10.16	18.825
	TOTAL OBS	1021	930	1022	990	1017	987	1022	1011	990	1023	988	1023	12024
	MEAN	17.3	22.0	31.9	44.4	53.4	63.3	67.0	64.5	56.0	44.3	33.0	24.3	43.5
[illegible]	S D	12.50	11.77	11.13	10.02	8.715	6.537	5.454	5.915	8.803	10.09	11.13	10.14	19.377
	TOTAL OBS	1019	927	1021	988	1022	987	1021	1015	989	1023	989	1022	12025
	MEAN	21.7	26.6	37.5	49.5	58.3	67.4	71.4	68.9	61.5	50.6	38.3	28.5	48.4
[illegible]	S D	12.26	11.41	11.37	9.058	8.196	6.001	5.148	5.387	7.744	9.716	10.46	9.958	19.161
	TOTAL OBS	1023	930	1021	986	1023	987	1023	1011	986	1022	99[illegible]	1021	12025
	MEAN	25.6	31.6	41.5	52.2	60.6	69.4	72.9	70.7	63.7	53.8	42.2	33.7	51.5
[illegible]	S D	11.96	11.12	11.05	8.731	8.037	5.987	5.059	5.529	7.644	8.504	10.35	9.981	18.348
	TOTAL OBS	1021	926	1023	988	1020	987	1016	1008	988	1021	986	1021	12007
	MEAN	27.1	32.9	42.4	52.8	60.9	69.7	73.1	70.8	65.8	55.9	42.2	33.6	52.0
[illegible]	S D	11.65	11.93	10.87	8.427	7.638	5.786	4.920	5.383	7.481	8.531	10.25	9.614	17.687
	TOTAL OBS	1022	928	1021	989	1020	988	1019	1011	988	1022	990	1023	12021
	MEAN	25.6	29.6	39.3	50.3	58.9	68.1	71.4	69.0	61.4	50.0	38.3	29.5	49.2
[illegible]	S D	11.40	10.55	10.68	8.571	7.594	5.853	4.876	5.327	7.694	8.893	10.16	9.457	18.328
	TOTAL OBS	1022	929	1021	989	1019	983	1020	1011	988	1022	990	1023	12017
	MEAN	21.3	26.5	36.1	47.0	55.6	65.2	68.6	66.5	58.7	47.3	35.9	27.4	46.4
[illegible]	S D	12.03	10.88	10.85	9.316	7.918	6.340	5.107	5.651	8.195	9.518	10.64	9.976	18.459
	TOTAL OBS	1022	930	1023	988	1019	986	1019	1012	989	1022	989	1020	12019
ALL HOURS	MEAN	21.7	27.1	36.9	48.1	56.6	65.9	69.6	67.3	59.7	48.7	37.3	28.5	47.4
	S D	12.30	11.88	11.64	9.893	8.861	6.921	5.929	6.240	8.716	9.999	11.17	10.44	18.616
	TOTAL OBS	8169	7430	8175	7908	8157	7893	8156	8088	7908	8176	7911	8174	96145

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] MARSHALL AAF KS — 65-71,74-79

STATION — STATION NAME — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	15.5	18.4	27.3	39.5	49.4	59.9	63.1	61.4	54.[illegible]	41.5	3[illegible].0	21.1	4[illegible]
	S D	15.79[illegible]	12.73712	12.12911	11.156	9.453	7.083	5.921	6.358	9.1531[illegible]	.48412	.58011	11.143	14.28[illegible]
	TOTAL OBS	1[illegible]19	930	1021	990	1017	988	1018	1009	988	1021	987	1021	12[illegible]07
	MEAN	12.6	17.2	26.4	38.9	48.5	58.8	62.2	60.6	53.[illegible]	4[illegible].4	29.3	20.2[illegible]	39.1
2-05	S D	14.13412	.99512	.35111	.372	9.807	7.226	6.066	6.334	9.4551	.80612	.45611	.177	2[illegible].16
	TOTAL OBS	1021	930	1022	990	1017	987	1022	1011	990	1023	988	1023	12[illegible]24
	MEAN	11.9	16.4	26.3	39.7	49.8	60.2	63.6	61.5	53.1	40.5	29.0	19.5	39.4
6-08	S D	14.29712	13.14612	.18811	.313	9.643	6.776	5.922	6.280	9.4891	.67512	.46111	.296	20.626
	TOTAL OBS	1019	927	1021	988	1022	987	1021	1015	989	1023	986	1022	12[illegible]23
	MEAN	14.3	19.3	28.7	41.3	51.8	62.1	65.6	63.3	55.9	43.1	31.7	21.9	41.7
9-11	S D	14.34712	.68212	.23811	.392	10.134	7.005	6.164	6.597	9.1581	0.53012	.27111	.339	20.469
	TOTAL OBS	1023	930	1021	986	1023	987	1023	1011	988	1022	990	1021	12[illegible]25
	MEAN	16.6	20.9	29.3	41.5	52.1	62.3	65.4	63.0	55.7	42.8	32.1	23.1	42.2
12-14	S D	15.77512	.18212	.30211	.560	10.512	7.409	6.433	7.400	9.525	11.24612	.71011	.605	19.497
	TOTAL OBS	1021	926	1023	988	1020	987	1016	1006	988	1021	988	1021	12[illegible]07
	MEAN	17.5	21.1	29.0	41.3	51.8	62.4	65.0	62.5	55.1	42.4	31.7	23.1	42.0
15-17	S D	15.54811	.80012	.13511	.424	10.363	7.314	6.622	7.451	9.618	11.42212	.89711	.427	19.732
	TOTAL OBS	1022	928	1021	989	1020	988	1019	1011	988	1022	990	1023	12[illegible]21
	MEAN	16.5	20.6	28.7	40.8	51.6	62.5	64.9	62.5	55.6	42.6	31.1	22.4	41.7
18-20	S D	15.15511	.70812	.14811	.281	9.879	7.061	6.361	7.316	8.985[illegible]	.61612	.55711	.226	19.622
	TOTAL OBS	1022	929	1021	989	1019	983	1020	1011	988	1022	990	1023	12[illegible]17
	MEAN	15.3	19.5	28.4	40.6	50.9	61.5	63.9	62.1	54.8	42.0	30.2	21.5	41.0
21-23	S D	15.40911	.95612	.08911	.069	9.297	6.984	5.922	6.517	8.8481	.42912	.55311	.305	19.822
	TOTAL OBS	1022	930	1023	988	1019	986	1019	1012	989	1022	989	1[illegible]20	12[illegible]19
	MEAN	14.8	19.1	28.[illegible]	40.5	50.7	61.2	64.2	62.1	54.7	41.9	30.6	21.6	41.9
ALL HOURS	S D	15.89[illegible]	12.502	12.241	11.353	9.968	7.213	6.282	6.809	9.334	10.85112	.55311	.575	[illegible]
	TOTAL OBS	8169	7430	8173	7908	8157	7893	8156	8088	7908	8176	7911	8174	95145

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

3

RELATIVE HUMIDITY

13944 MARSHALL AAF KS — 66-71,75-79 — JAN
STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.7	94.6	81.9	56.7	33.6	11.9	73.5	1019
	03-05	100.0	100.0	99.9	99.7	95.3	85.8	60.6	35.5	13.2	74.5	1021
	06-08	100.0	100.0	100.0	99.9	96.3	87.1	63.4	39.2	13.2	75.4	1019
	09-11	100.0	100.0	100.0	98.7	90.0	71.8	46.9	25.1	6.5	69.5	1025
	12-14	100.0	100.0	98.8	89.0	67.9	43.3	23.1	10.2	2.1	59.2	1021
	15-17	100.0	99.9	96.1	83.8	64.2	41.8	22.3	9.9	2.0	57.9	1022
	18-20	100.0	100.0	99.9	98.0	85.8	67.6	44.0	20.5	5.6	67.6	1022
	21-23	100.0	100.0	100.0	99.5	93.2	78.2	54.5	32.1	9.5	72.3	1022
TOTALS		100.0	100.0	99.3	96.0	85.9	69.7	46.4	25.8	8.0	68.7	8169

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 66-71,75-79 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	99.9	99.1	96.6	90.3	76.5	54.8	27.7	7.7	70.9	959
	03-05	100.0	100.0	99.5	97.4	93.8	80.9	57.0	33.7	9.7	72.7	930
	06-08	100.0	100.0	99.6	98.0	94.6	81.1	63.0	36.2	11.2	73.8	927
	09-11	100.0	99.8	98.0	93.0	81.7	61.3	39.7	20.4	4.9	65.5	930
	12-14	100.0	97.9	89.3	74.0	54.4	33.9	19.8	10.5	2.2	55.8	926
	15-17	100.0	94.4	82.4	65.6	48.8	33.0	16.3	9.3	1.6	50.8	928
	18-20	100.0	99.0	93.1	85.3	68.4	50.2	29.5	14.0	3.9	60.0	929
	21-23	100.0	100.0	98.3	93.9	85.5	67.7	44.6	21.6	6.6	67.4	930
TOTALS		100.0	98.9	94.9	88.0	77.2	60.6	40.5	21.7	5.9	64.4	7430

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 66-71,75-79 MAR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	0-02	100.0	100.0	99.4	94.4	83.8	66.6	46.8	24.6	5.8	67.6	1021
	03-05	100.0	99.9	99.4	96.8	87.6	75.0	56.3	30.2	10.1	71.3	1022
	06-08	100.0	100.0	99.8	98.0	88.9	77.9	58.6	31.6	10.2	72.1	1021
	09-11	100.0	99.7	95.5	82.0	64.2	43.8	25.1	11.2	2.8	59.3	1021
	12-14	100.0	95.4	79.2	56.6	39.4	22.4	11.6	5.5	1.5	46.9	1023
	15-17	100.0	91.1	73.8	49.0	32.4	20.2	10.7	5.3	1.4	43.8	1021
	18-20	100.0	97.6	86.1	69.0	50.3	35.2	19.4	9.3	1.7	52.4	1021
	21-23	100.0	99.7	97.3	88.8	74.2	55.2	35.8	17.9	5.8	62.9	1023
TOTALS		100.0	97.9	90.9	79.3	65.1	49.5	33.1	16.9	4.7	59.4	8173

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 66-71,75-79 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.7	99.2	95.2	85.5	72.0	54.4	30.5	8.9	70.2	99
	03-05	100.0	99.7	99.3	97.6	91.8	79.4	64.2	38.7	12.8	74.0	995
	06-08	100.0	99.7	99.3	97.7	91.7	79.9	60.2	34.3	10.5	73.0	988
	09-11	100.0	99.1	93.1	81.5	62.3	43.1	25.1	12.4	2.8	57.7	986
	12-14	100.0	94.6	81.3	61.1	42.2	26.4	15.3	6.1	1.6	48.5	988
	15-17	100.0	92.9	76.4	53.7	36.9	22.6	13.5	5.6	1.7	46.1	989
	18-20	100.0	98.0	87.9	69.7	51.6	34.8	22.0	9.0	1.9	53.1	989
	21-23	100.0	99.7	98.5	91.6	77.8	60.2	41.7	18.4	4.1	64.9	988
TOTALS		100.0	97.9	91.9	81.0	67.4	52.3	37.0	19.4	5.5	60.9	7908

DATA PROCESSING BRANCH
USAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15-47 MARSHALL AAF KS — STATION / STATION NAME
66-71,75-79 — PERIOD
MAY — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-02	100.0	100.0	99.7	98.9	93.6	81.8	62.7	38.5	15.3	74.8	1017
	03-05	100.0	100.0	100.0	99.1	96.2	89.2	69.9	47.9	21.8	78.3	1017
	06-08	100.0	100.0	100.0	99.1	95.1	85.6	64.6	42.6	14.8	75.9	1022
	9-11	100.0	99.9	97.4	88.2	70.4	50.3	28.7	13.8	5.2	69.9	1023
	12-14	100.0	98.8	90.7	72.4	50.6	29.4	14.8	8.0	2.6	62.4	1020
	15-17	100.0	97.7	87.2	65.7	44.0	25.8	14.4	7.8	2.1	58.1	1020
	18-20	100.0	99.4	94.7	81.1	63.2	41.7	24.8	11.9	2.7	67.6	1019
	21-23	100.0	100.0	99.5	96.4	86.8	71.4	51.1	28.8	9.1	70.0	1019
TOTALS		100.0	99.4	96.2	87.6	75.0	59.4	41.4	24.7	9.9	69.0	8157

USAFETAC FORM JUL 64 0-87-5 (OL A)

3

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 | MARSHALL AAF KS | 66-71,75-79 | JUN

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	0-02	100.0	100.0	100.0	99.3	94.7	86.0	69.9	44.6	16.4	77.0	988
	03-05	100.0	100.0	99.9	99.3	96.4	89.2	75.8	52.9	23.5	79.0	987
	06-08	100.0	100.0	100.0	99.3	95.8	86.3	67.1	43.9	15.5	76.4	987
	09-11	100.0	100.0	99.3	92.7	77.7	52.4	29.4	10.4	1.3	61.9	987
	12-14	100.0	100.0	95.4	80.6	55.1	28.5	13.4	5.3	1.2	55.5	987
	15-17	100.0	100.0	92.4	76.1	46.3	23.5	10.7	5.1	1.5	51.3	988
	18-20	100.0	100.0	98.5	89.8	70.0	42.6	22.7	9.2	1.9	59.3	985
	21-23	100.0	100.0	100.0	98.0	92.1	77.9	55.3	26.8	8.5	71.8	986
TOTALS		100.0	100.0	98.2	91.9	78.6	60.9	43.1	25.1	8.5	66.4	7895

USAFETAC FORM /JUL 64 0-87-5 (OL A)

AD-A082 420 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MARSHALL AAF, MANHATTAN, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
FEB 80

UNCLASSIFIED USAFETAC/DS-80/028 NL



DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 66-70,74-79 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	0-02	100.0	100.0	99.7	98.1	90.8	75.6	52.3	30.2	9.4	71.3	1018
	03-05	100.0	100.0	100.0	99.0	95.6	84.4	66.7	40.5	14.6	75.7	1022
	06-08	100.0	100.0	100.0	98.4	94.6	81.1	59.0	30.5	7.3	72.7	1021
	09-11	100.0	100.0	98.2	90.7	67.7	40.7	16.5	6.5	1.0	57.8	1023
	12-14	100.0	99.5	92.3	68.5	40.1	19.0	6.3	1.5	.3	48.4	1016
	15-17	100.0	98.6	87.3	61.0	34.8	14.4	6.4	1.3	.4	46.0	1019
	18-20	100.0	99.7	95.7	80.6	58.1	35.0	16.6	4.9	.4	54.5	1020
	21-23	100.0	100.0	98.5	95.4	81.7	61.1	39.1	20.0	2.9	65.5	1019
TOTALS		100.0	99.7	96.5	86.5	70.4	51.4	32.9	16.9	4.5	61.5	8158

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 66-70, 74-79 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	98.6	92.8	78.3	55.0	37.0	12.1	73.2	1009
	03-05	100.0	100.0	100.0	99.9	98.7	87.6	66.8	44.9	20.1	77.5	1011
	06-08	100.0	100.0	100.0	100.0	98.5	86.2	65.2	43.3	17.3	76.8	1015
	09-11	100.0	100.0	98.4	89.8	70.6	46.2	25.7	13.0	3.5	60.4	1011
	12-14	100.0	99.6	89.6	68.1	44.3	23.6	11.6	5.7	1.4	49.9	1008
	15-17	100.0	99.4	86.4	62.4	37.0	19.5	9.4	4.0	1.2	47.5	1011
	18-20	100.0	99.6	94.9	82.6	60.0	37.7	21.7	8.6	1.5	56.3	1011
	21-23	100.0	100.0	99.7	94.9	84.6	66.3	46.1	25.6	6.5	68.1	1012
TOTALS		100.0	99.8	96.1	87.0	73.3	55.7	37.7	22.8	8.0	63.7	8088

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 65-70, 74-78 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.8	98.8	95.2	87.3	70.2	48.3	19.1	77.8	988
	03-05	100.0	100.0	99.9	99.7	97.5	90.4	78.8	56.4	25.7	80.7	990
	06-08	100.0	100.0	100.0	99.4	97.3	89.8	76.0	52.9	21.3	79.6	989
	09-11	100.0	100.0	99.1	93.2	75.6	54.0	35.4	18.9	4.7	63.7	988
	12-14	100.0	99.8	92.3	71.0	46.3	27.6	16.7	8.1	2.0	52.0	988
	15-17	100.0	98.4	88.5	64.3	40.6	25.1	13.9	7.3	1.7	49.8	988
	18-20	100.0	99.9	97.5	89.6	73.4	54.3	34.2	16.5	3.6	62.7	988
	21-23	100.0	100.0	99.9	97.8	91.1	78.5	60.6	38.0	11.6	73.4	989
TOTALS		100.0	99.8	97.1	89.2	77.1	63.4	48.1	30.8	11.2	67.5	7908

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 | MARSHALL AAF KS | 65-70, 74-78 | OCT
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.8	99.6	98.3	92.5	79.5	62.3	36.9	12.5	73.8	1021
	03-05	100.0	99.8	99.8	99.1	96.1	85.1	69.4	43.7	16.3	76.6	1023
	06-08	100.0	100.0	99.8	99.3	96.4	86.2	70.6	43.8	14.8	76.8	1023
	09-11	100.0	99.8	97.0	86.2	66.1	45.5	27.5	13.9	3.9	59.6	1022
	12-14	100.0	98.0	80.3	53.1	34.4	22.3	14.4	9.2	2.5	46.9	1021
	15-17	100.0	97.5	75.3	48.7	31.4	20.2	13.1	7.5	2.3	45.3	1022
	18-20	100.0	100.0	96.2	84.1	66.3	46.3	28.9	16.0	3.5	59.8	1022
	21-23	100.0	99.9	99.1	95.1	85.7	69.8	50.0	28.4	8.8	69.3	1022
TOTALS		100.0	99.4	93.4	83.0	71.1	56.9	42.0	24.9	8.1	63.5	8176

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 65-70,74-78 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.7	98.5	92.7	81.5	65.1	40.8	14.8	74.8	987
	03-05	100.0	100.0	99.7	99.2	96.0	86.9	69.7	46.8	17.8	77.2	988
	06-08	100.0	100.0	99.7	99.1	97.6	90.4	75.0	49.7	18.6	78.5	989
	09-11	100.0	99.9	98.7	95.7	81.4	64.3	43.1	22.1	6.7	66.7	990
	12-14	100.0	99.1	91.6	71.0	47.3	31.8	19.5	9.6	2.1	52.9	988
	15-17	100.0	99.2	87.9	66.1	47.0	30.7	20.1	11.7	2.8	52.2	990
	18-20	100.0	99.9	95.7	90.2	76.1	58.6	37.7	19.5	6.3	64.3	990
	21-23	100.0	100.0	99.0	96.4	86.3	75.5	56.1	30.9	9.2	71.0	989
TOTALS		100.0	99.8	96.9	89.3	78.1	65.0	48.3	28.9	9.8	67.2	7911

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-70, 74-78 — PERIOD
DEC — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.4	98.2	94.9	85.2	63.8	36.4	12.7	74.4	1021
	03-05	100.0	100.0	99.8	99.1	96.0	87.2	66.9	41.5	15.5	76.1	1023
	06-08	100.0	100.0	99.9	99.0	96.6	88.1	71.1	43.3	15.9	76.7	1022
	09-11	100.0	99.8	98.9	95.6	85.3	66.8	47.6	27.8	11.3	68.6	1021
	12-14	100.0	99.1	92.4	75.0	54.8	39.4	24.8	13.1	4.7	55.8	1021
	15-17	100.0	98.2	88.9	72.0	52.7	38.2	24.4	11.8	4.0	54.7	1023
	18-20	100.0	99.8	98.7	93.9	80.6	63.4	43.8	23.3	6.8	66.7	1023
	21-23	100.0	100.0	99.4	97.5	92.0	78.1	56.5	32.9	9.9	72.1	1020
TOTALS		100.0	99.6	97.2	91.5	81.6	68.1	49.9	28.7	10.0	68.1	8179

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947 MARSHALL AAF KS 65-71,74-79 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.3	96.0	85.9	69.7	46.4	25.8	8.0	68.7	8169
FEB		100.0	98.9	94.9	88.0	77.2	60.6	40.5	21.7	5.9	64.4	7450
MAR		100.0	97.9	90.9	79.3	65.1	49.5	33.0	16.9	4.7	59.4	8173
APR		100.0	97.9	91.9	81.0	67.4	52.3	37.0	19.4	5.5	60.9	7908
MAY		100.0	99.4	96.2	87.6	75.0	59.4	41.4	24.7	8.9	65.0	8157
JUN		100.0	100.0	98.2	91.9	78.6	60.9	43.0	25.0	8.5	66.4	7893
JUL		100.0	99.7	96.5	86.5	70.4	51.4	32.9	16.9	4.5	61.5	8158
AUG		100.0	99.8	96.1	87.0	73.5	55.7	37.7	22.8	8.0	63.7	8088
SEP		100.0	99.8	97.1	89.2	77.1	63.4	48.1	30.8	11.2	67.5	7908
OCT		100.0	99.4	93.4	83.0	71.1	56.9	42.0	24.9	8.1	63.5	8176
NOV		100.0	99.8	96.9	89.3	78.1	65.0	48.3	28.9	9.8	67.2	7911
DEC		100.0	99.6	97.2	91.5	81.6	68.1	49.9	28.7	10.0	68.1	8174
TOTALS		100.0	99.4	95.7	87.5	75.1	59.4	41.7	23.9	7.8	64.7	96145

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

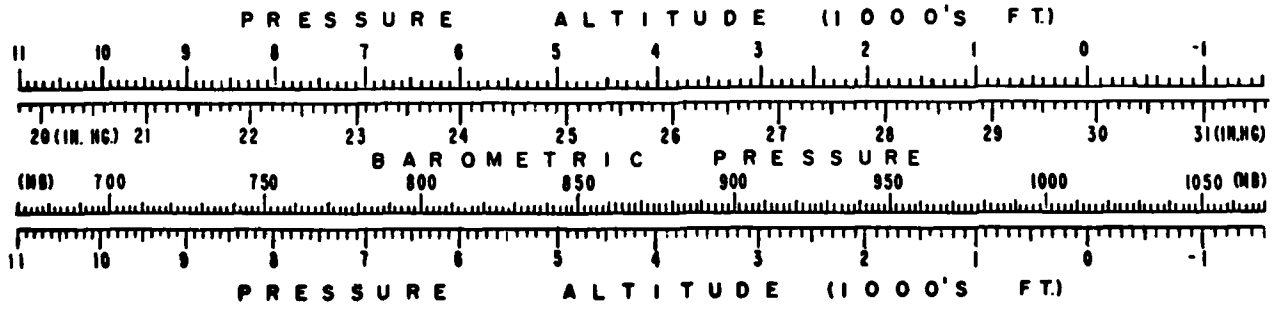
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

74-29967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13947 — STATION
MARSHALL AAF KS — STATION NAME
65-71,74-79 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN	28.981	28.937	28.844	28.801	28.792	28.780	28.835	28.846	28.864	28.892	28.922	28.91	28.866
	S D	.242	.248	.239	.209	.168	.145	.107	.117	.157	.199	.218	.244	.205
	TOTAL OBS	341	309	341	330	340	330	338	336	328	340	329	341	4003
7	MEAN	28.982	28.931	28.837	28.791	28.786	28.774	28.831	28.845	28.862	28.892	28.915	28.899	28.862
	S D	.248	.249	.242	.216	.174	.151	.107	.116	.158	.202	.224	.244	.209
	TOTAL OBS	341	310	340	330	337	330	340	339	330	340	329	340	4006
6	MEAN	28.975	28.932	28.844	28.804	28.803	28.793	28.848	28.859	28.876	28.901	28.916	28.892	28.870
	S D	.250	.246	.246	.221	.180	.149	.110	.118	.158	.207	.226	.247	.209
	TOTAL OBS	341	310	340	329	339	329	338	338	330	341	329	341	4005
9	MEAN	29.002	28.960	28.866	28.824	28.819	28.807	28.864	28.875	28.895	28.923	28.944	28.916	28.891
	S D	.255	.243	.253	.224	.181	.152	.110	.120	.164	.211	.226	.245	.212
	TOTAL OBS	341	310	340	329	341	328	339	337	329	340	330	341	4005
12	MEAN	28.995	28.955	28.853	28.811	28.804	28.794	28.850	28.862	28.880	28.904	28.927	28.904	28.878
	S D	.254	.240	.255	.220	.177	.150	.111	.120	.164	.212	.224	.246	.212
	TOTAL OBS	339	310	341	328	341	329	339	338	330	339	329	339	4002
15	MEAN	28.940	28.901	28.801	28.770	28.767	28.760	28.815	28.821	28.832	28.856	28.881	28.858	28.833
	S D	.247	.234	.252	.210	.171	.146	.110	.119	.163	.206	.217	.243	.206
	TOTAL OBS	340	310	341	330	339	328	340	337	329	339	330	341	4004
18	MEAN	28.953	28.905	28.802	28.760	28.746	28.734	28.783	28.799	28.823	28.857	28.895	28.874	28.827
	S D	.241	.233	.242	.203	.165	.146	.110	.118	.159	.201	.214	.239	.206
	TOTAL OBS	341	309	340	329	338	329	339	337	330	341	330	341	4004
21	MEAN	28.971	28.930	28.834	28.792	28.777	28.759	28.811	28.829	28.852	28.886	28.916	28.895	28.854
	S D	.243	.237	.239	.203	.162	.144	.110	.118	.158	.199	.214	.240	.204
	TOTAL OBS	340	308	341	330	339	329	341	338	330	341	330	341	4009
ALL HOURS	MEAN	28.975	28.931	28.835	28.794	28.787	28.775	28.830	28.842	28.861	28.889	28.914	28.892	28.860
	S D	.246	.241	.247	.214	.174	.149	.112	.120	.162	.205	.221	.244	.209
	TOTAL OBS	2724	2476	2724	2635	2714	2632	2714	2700	2636	2721	2636	2725	32037

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13947 MARSHALL AAF KS 65-71,74-79
STATION STATION NAME YEARS

HRS (L S T)		JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1021.9	1020.0	1016.1	1014.0	1013.3	1012.5	1014.2	1014.6	1015.6	1017.1	1018.7	1018.5	1016.4
[illegible]	S D	8.996	8.993	8.865	7.622	6.099	5.253	3.934	4.290	5.708	7.322	7.909	8.921	7.719
	TOTAL OBS	340	309	338	329	340	330	339	337	327	340	329	339	3997
	MEAN	1021.8	1019.7	1015.8	1013.6	1013.1	1012.2	1014.0	1014.5	1015.6	1017.1	1018.5	1018.2	1016.2
7	S D	9.169	9.153	8.943	7.856	6.352	5.447	3.933	4.192	5.721	7.337	8.166	8.921	7.837
	TOTAL OBS	339	309	340	327	338	329	341	330	330	339	326	341	3989
	MEAN	1021.7	1019.8	1016.2	1014.2	1013.8	1013.0	1014.7	1015.2	1016.1	1017.5	1018.6	1018.2	1016.6
[illegible]	S D	9.251	9.029	9.097	8.044	6.494	5.367	4.021	4.304	5.761	7.551	8.212	8.941	7.807
	TOTAL OBS	340	309	339	327	340	329	339	339	328	341	329	341	4001
	MEAN	1022.7	1020.9	1017.0	1014.9	1014.3	1013.5	1015.3	1015.7	1016.8	1018.4	1019.7	1019.2	1017.4
[illegible]	S D	9.459	8.923	9.309	8.109	6.543	5.409	4.043	4.353	5.975	7.692	8.270	8.929	7.952
	TOTAL OBS	341	310	340	327	341	327	340	336	328	338	328	341	3997
	MEAN	1022.4	1020.7	1016.4	1014.4	1013.7	1013.0	1014.7	1015.2	1016.2	1017.5	1018.9	1018.6	1016.8
13	S D	9.391	8.793	9.403	7.967	6.404	5.393	4.061	4.401	5.934	7.660	8.140	8.964	7.919
	TOTAL OBS	341	309	341	329	341	329	339	336	329	339	329	339	4001
	MEAN	1020.4	1018.7	1014.5	1012.9	1012.4	1011.8	1013.4	1013.8	1014.5	1015.8	1017.3	1017.0	1015.2
16	S D	9.174	8.596	9.315	7.609	6.179	5.264	4.032	4.380	5.914	7.519	7.908	8.755	7.685
	TOTAL OBS	339	309	339	330	339	329	341	337	329	340	327	339	3998
	MEAN	1020.9	1018.9	1014.6	1012.6	1011.8	1010.9	1012.5	1013.1	1014.3	1016.0	1017.9	1017.7	1015.1
19	S D	8.963	8.544	8.929	7.380	6.002	5.254	4.052	4.312	5.765	7.321	7.795	8.731	7.735
	TOTAL OBS	340	310	340	329	340	329	337	336	330	339	330	341	4001
	MEAN	1021.6	1019.9	1015.8	1013.8	1012.8	1011.8	1013.4	1014.1	1015.3	1017.0	1018.7	1018.5	1016.3
1	S D	9.026	8.657	8.826	7.395	5.914	5.146	4.015	4.313	5.758	7.232	7.785	8.781	7.694
	TOTAL OBS	341	308	338	326	337	328	339	337	326	340	330	341	3995
	MEAN	1021.7	1019.8	1015.8	1013.8	1013.2	1012.3	1014.0	1014.5	1015.6	1017.0	1018.5	1018.2	1016.2
ALL HOURS	S D	9.196	8.854	9.111	7.774	6.291	5.366	4.094	4.388	5.864	7.486	8.042	8.879	7.826
	TOTAL OBS	2721	2473	2715	2626	2716	2630	2715	2688	2629	2716	2628	2722	31979