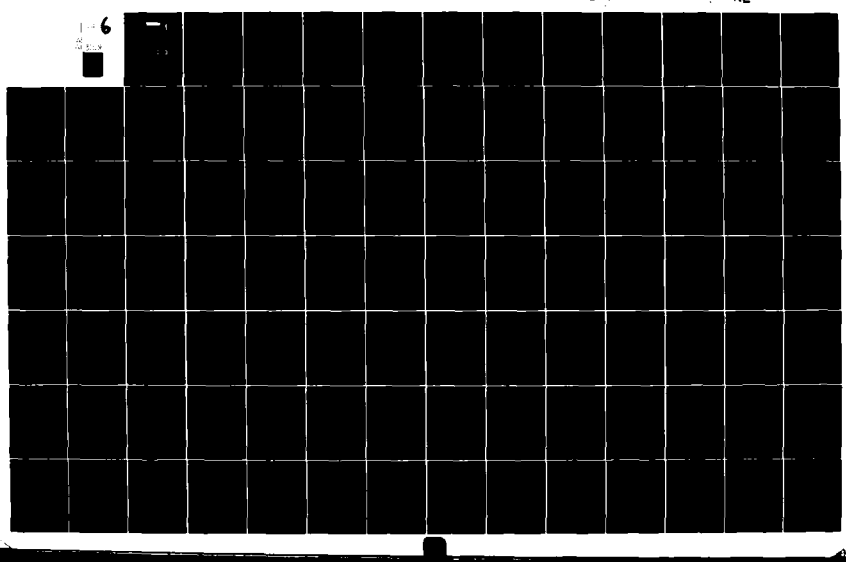
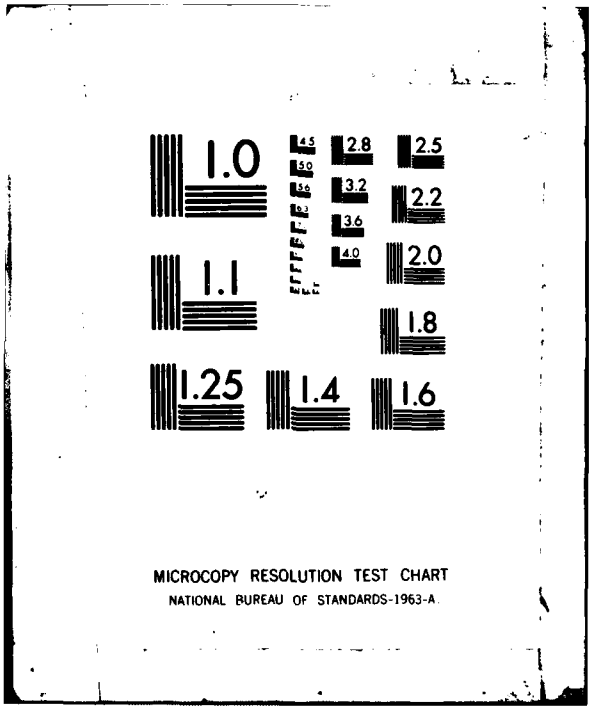
AD-A113 226 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORBES FLD KS WBAN # 13920
N 38 57 W 095 40 FLD ELEV 1064 FT FOE WMO #

PARTS A - F
POR FORM HOURLY OBS: JAN 63 - DEC 70, MAY 73 - APR 75

POR FROM DAILY OBS: OCT 42 - JUN 47, DEC 47 - DEC 49,
FEB 52 - AUG 73, OCT 73 - MAR 78

TIME CONVERSION GMT TO LST: -6

DEC 23 1981

FEDERAL BUILDING

ASHEVILLE, N. C.

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Wayne E. McCollom

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AWS Scientific and Technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER: USAFETAC/DS- 82/008
2. GOVT ACCESSION NO.: AD-A113 226
3. RECIPIENT'S CATALOG NUMBER:

4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Forbes Fld, KS
5. TYPE OF REPORT & PERIOD COVERED: Final rept.
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10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS:

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12. REPORT DATE: 23 DEC 81
13. NUMBER OF PAGES: 400

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15a. DECLASSIFICATION/DOWNGRADING SCHEDULE:

16. DISTRIBUTION STATEMENT (of this Report)

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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric 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 statisitical summary of surface weather observations for Forbes Fld, 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)

DD FORM 1 JAN 73 1473

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
Kansas Forbes Fld, Kansas

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 occurance or cumulative percentage frequency of occuring tables.

AOE PCC 143

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

[illegible] are limited to those [illegible] hourly observations.

DAILY OBSERVATIONS

[illegible] are limited to those data recorded on reports for a specified [illegible] of the [illegible] (e.g. [illegible] for a specific month, etc.).

DESCRIPTION OF SUMMARIES

[illegible] is a brief description of the data [illegible] in the various parts of the summary. [illegible] of the [illegible] are [illegible] from hourly observations, the [illegible] for a specific [illegible] by the [illegible] [illegible] of the [illegible] are [illegible].

[illegible] the following headings 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

[illegible] reporting [illegible] observations are summarized in [illegible] three-hour periods corresponding to the following sets of hourly observations: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] hours local standard time.

MISSING HOUR GROUPS

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

JANUARY_____ APRIL_____ JULY_____ OCTOBER_____

FEBRUARY_____ MAY_____ AUGUST_____ NOVEMBER_____

MARCH_____ JUNE_____ SEPTEMBER_____ DECEMBER_____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
13920	Topeka Kansas/Forbes Fld (FOE)	N 38 57	W 095 40	1064 ft	FOE	

LST/
+ 6 hr gmt

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT. BARO.	OBS PER DAY
1	Topeka Fld, Kansas	AAF	Sep 42	Jun 47	N 38 57	W 095 40	1061	1064	24
2	Same	Same	Dec 47	May 48	Same	Same	Same	Same	24
3	Forbes AFB, Kansas	AFB	Jun 48	May 49	Same	Same	Same	Same	24
4	Same	Same	Jun 49	Dec 49	Same	Same	1088	1078	24
5	Same	Same	Mar 51	Mar 51	Same	Same	Same	Same	24
6	Same	Same	Jan 52	Feb 53	Same	Same	Same	Same	24
7	Same	Same	Mar 53	Feb 56	Same	Same	Same	1066	24
8	Same	Same	Mar 56	Feb 58	Same	Same	Same	1106	24
9	Same	Same	Mar 58	May 61	Same	Same	Same	1091	24
10	Same	Same	Apr 61	Feb 64	Same	Same	Same	1064	24
11	Same	Same	Mar 64	Feb 69	Same	Same	1064	Same	24
12	Same	Same	Mar 69	Dec 72	Same	Same	Same	1083	24
	Same	Same	Jan 73	May 75	Same	Same	1074		24
		Same	May 75	26 Oct 76	Same	Same	Same		14-17
	Forbes AFB, KS Closed Apr 01, 1978	Same	26 Oct76	31 May78	Same	Same	1064		17
	Topeka Ks/Forbes Fld	SAWRS	Feb 77	Apr 78	N 3857	WO 9540	1064	1107	13-17
		Same	Apr 78	Jan 79	Same	Same	Same	Same	17
		Same	Jan 79	Jul 79	Same	Same	Same	Same	14-17
	FAA assumed taking obs	LAWRS	Jul 79	Aug 80	Same	Same	Same	Same	24
		Same	Aug 80	Aug 81	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Sep 42to Jan 48	Not Available.	Selsyn	ML-144	N/A	
2	Feb 48to Dec 49	Located on NE corner of Bldg 619.	Same	Same	55 ft	
3	Mar 51to Mar 51	Located on top of Weather Station.	SCM-20A	N/A	60 ft	
4	Jan 52to Feb 54	Same	Same	N/A	Same	
5	Mar 54to Apr 55	Located on top of Hangar.	AN/GMQ-1	ML-204	55 ft	
6	May 55to Feb 57	Located in middle of Hangar #4.	Same	Same	40 ft	

NUMBER OF OBSERVATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 57to	1. Located in middle of Hangar Bldg T-619.	AN/GMQ-1	ML-204	70 ft	
		2. Located at intersection of Rnwys.	AN/GMQ-1	RO-2	13 ft	
8	Mar 58to Feb 59	Located 600 ft E of Control Tower.	AN/GMQ-1	RO-2	13 ft	
9	Feb 59to Feb 60	Located 150 ft E of Control Tower.	Same	Same	Same	
0	Mar 60to Jul 61	Located 250 ft E of Control Tower.	Same	Same	Same	
1	Aug 61to Feb 63	Located 550 ft ESE of ROS9 Bldg 694.	Same	Same	Same	
2	Mar 63to Feb 64	1. Located 550 ft ESE of ROS (Bldg 694).	Same	Same	Same	
		2. Located 500 ft E of centerline of Rnwy 31, opposite touch down point.	Same		Same	
3	Mar 64to Feb 69	1. Located 500 ft E of centerline Rnwy 13, opposite touch down point.	Same	Same	Same	
		2. Located 500 ft W of centerline Rnwy 31, opposite touch down point.	Same		Same	
4	Mar 69to Jun 70	1. Rnwy 13:1000 ft from end, 500ft from centerline.	Same	RO-362	Same	
		2. Rnwy 31:1500 ft from end, 500 ft from centerline.	Same		Same	
5	Jul 70to Dec 72	1. Same	AN/GMQ-20	RO-362	Same	
		2. Same	Same		Same	
	Jan 73 to Jan 77	Not available				
	Feb 77	NW End of Rnwy	GMQ 20/11	RO-362	11 ft	

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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.

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AI WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
2[illegible]	FORBES FLD KS	63-73,74-75	JAN

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	5.5	1.3	6.6		12.9	10.6	1.0	1.2		12.3	930
	03-05	.1	4.4	1.0	6.7		11.9	11.7	.5	.5		12.5	930
	06-08		4.3	2.3	6.8		13.1	14.8	2.5	.9		17.2	930
	09-11		4.0	2.0	5.3		13.9	18.6	5.7	1.6		23.5	930
	12-14		2.8	1.8	6.7		10.9	13.5	4.4	1.5		18.0	930
	15-17	.1	3.4	2.3	4.9		10.0	10.3	4.1	1.2		14.4	930
	18-20	.3	4.7	1.6	5.7		11.5	11.8	2.0	.8		13.9	930
	21-23	.5	4.3	1.6	6.3		11.6	10.2	1.5	.9		11.9	930
TOTALS		.1	4.2	1.8	6.4		12.0	12.7	2.7	1.1		17.5	7443

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

[illegible] CLIMATOLOGY [illegible]
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-72,74-75	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02	.2	2.5	.9	6.3		9.7	10.2	.7			1[illegible].5	846
	03-05	.1	3.5	1.2	6.5		10.9	11.6	.8			12.4	846
	06-08		3.8	1.2	5.2		9.8	15.8	2.6	.4	.1	18.3	846
	09-11		4.5	1.1	4.6		9.8	18.7	4.4	.7	.4	22.3	846
	12-14		4.3		5.4		9.3	15.[illegible]	2.7	.4		16.7	846
	15-17		3.4	.6	4.6		6.4	10.3	2.5	.5		11.9	846
	18-20		3.2	.8	3.8		7.6	8.0	2.6	.6		10.4	845
	21-23	.1	2.4	.6	5.7		8.2	7.6	1.8			8.4	846
TOTALS		.1	3.5	.8	5.3		9.2	12.2	2.3	.3	.1	13.9	6767

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...2	FORBES FLD KS	63-70,74-75	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
...	...-2	.6	4.6	.6	5.2		10.0	6.4	1.3	.6		7.6	929
	...-5	.6	3.7	.3	5.7		9.7	7.7	1.4	.6		9.2	930
	...-8	.4	4.5	.4	5.2	.1	9.8	15.4	2.4	.5		16.9	930
	...-11	.2	3.3	.5	4.0		7.5	11.2	2.9			13.4	930
	12-14	.2	3.8	.3	3.7		7.6	5.1	2.8	.3	.2	8.2	930
	15-17	.2	4.6	.3	3.2		8.2	4.3	3.2	.4	.3	8.2	930
	18-20	.9	5.5	.4	4.3		10.2	5.3	2.7	.3	.3	8.4	930
	21-23	.5	5.4	.6	4.1	.1	9.7	3.9	.6	.3	.1	4.4	930
TOTALS		.5	4.4	.4	4.4	.0	9.1	7.4	2.2	.4	.1	9.6	7439

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible] 2	EGLIN FLD #9	63-73,74-75	APR

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
[illegible]	[illegible]-02	4.0	[illegible].4		.8		9.1	7.4	.3			7.[illegible]	[illegible].0
	03-05	3.4	10.3		1.2	.1	11.2	6.1	.7			[illegible].7	[illegible].0
	06-08	1.7	8.6		.8		9.1	16.0	2.8			17.6	[illegible].0
	09-11	1.0	7.6		.7		8.2	9.6	3.3			11.2	[illegible].0
	12-14	1.0	6.0		.7		6.6	5.7	3.0		.2	[illegible].3	[illegible].0
	15-17	2.1	7.6		.9		8.2	4.7	2.4	.2		7.2	960
	18-20	3.0	7.9		.8	.1	8.4	4.9	1.7	.4		6.6	897
	21-23	3.9	6.1	.1	.7		8.8	4.2	.3			4.6	897
TOTALS		2.5	8.1	.0	.8	.0	8.7	7.6	1.8	.1	.0	9.1	7174

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[illegible]TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] 2 | [illegible]RES FLD KS | 63-72,73-74 | 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
[illegible]Y	[illegible]0-02	4.4	7.3				7.3	4.2	.2			4.4	930
	[illegible]3-05	4.5	[illegible].1				3.1	7.5	1.1			[illegible].2	930
	[illegible]6-[illegible]0	2.7	7.7				7.7	11.3	3.1			13.2	930
	[illegible]9-11	1.7	6.7				6.7	5.3	2.2		.1	7.4	929
	12-14	1.9	6.2				6.2	3.7	2.3		.3	6.1	929
	15-17	2.4	6.6				6.6	2.5	1.5		.2	4.3	930
	18-20	3.4	5.7				5.7	2.8	1.5			4.1	930
	[illegible]1-23	3.4	4.7				4.7	2.4				2.4	930
TOTALS		[illegible].1	6.6				6.6	5.0	1.5		.1	6.2	7438

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[illegible]
[illegible] SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-72,73-74	JUN

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	0-02	6.9	8.1				8.1	2.9	.1			3.0	900
	07-0[illegible]	7.4	9.[illegible]				9.0	6.2	1.9			7.6	900
	06-08	4.4	8.0				8.0	8.0	4.7			11.9	900
	09-11	2.3	7.4				7.4	4.3	1.9			6.2	900
	12-14	2.6	5.8				5.8	2.9	1.6			4.4	900
	15-17	2.0	4.2			.1	4.2	2.3	1.0			3.3	900
	18-20	5.9	7.2				7.2	2.3	.9			3.1	900
	1-23	6.7	6.7				6.7	1.4				1.4	900
TOTALS		4.[illegible]	7.1			.0	7.1	3.3	1.5			[illegible].1	7200

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

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	63-72,73-74	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	[illegible]	.5	5.7				5.7	2.0	1.1			2.5	930
	[illegible]	5.7	3.4				6.4	5.7	1.7			6.7	930
	[illegible]	3.5	3.5				5.5	7.4	4.5			1[illegible].5	930
	[illegible]-11	.5	2.7				2.7	1.5	4.0			5.3	930
	1[illegible]-14	.9	1.[illegible]				1.8	.5	2.2			2.7	930
	15-17	2.4	2.[illegible]				2.[illegible]	.3	.9			1.2	930
	1[illegible]-20	2.2	1.5				1.5	1.0	1.0			1.7	930
	21-23	3.7	3.9				3.9	1.4	.6			1.4	930
TOTALS		3.2	3.9				3.9	2.5	2.0			4.0	7440

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

[illegible] TECHNOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-72,73-74	AL

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
[illegible]	[illegible]	3.6	6.2				6.2	4.7	2.0			[illegible]	929
	03-05	4.5	7.2				7.2	9.7	1.9			11.[illegible]	929
	06-[illegible]	4.3	9.8				9.8	18.4	8.2			24.1	930
	09-11	1.4	6.5				6.5	6.8	6.5		.1	12.6	930
	12-14	1.5	4.0				4.0	1.8	4.0			5.[illegible]	928
	15-17	2.7	4.1				4.1	1.3	3.2			4.4	929
	18-20	2.5	3.7				3.7	1.6	3.0			4.7	929
	21-23	3.3	4.2				4.2	1.6	1.6			2.9	928
TOTALS		3.0	5.7				5.7	5.8	3.8		.0	9.0	7432

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

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	SEP

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
[illegible]	00-02	3.5	8.2				8.2	6.9	.2			6.9	898
	03-05	3.1	9.1				9.1	12.2	.6			12.4	[illegible]
	06-08	3.1	8.9				8.9	23.5	5.4			26.2	896
	09-11	2.4	8.8				8.8	9.6	5.2			14.2	899
	12-14	.8	7.6				7.6	4.9	2.9			7.8	900
	15-17	.8	5.7				5.7	3.6	2.0			5.6	895
	18-20	1.1	4.5				4.5	3.8	2.1			5.8	898
	21-23	3.2	7.2				7.2	4.3	.3			4.7	898
TOTALS		2.3	7.5				7.5	8.6	2.3			10.5	7182

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	63-7[illegible],73-74	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
[illegible]	[illegible]	3.0	6.4				6.4	3.7	.2			[illegible]	[illegible]
	[illegible]	1.3	[illegible]				6.8	4.1	.3			4.4	929
	06-08	1.7	7.1		.1	.1	7.2	9.5	1.3			10.4	930
	[illegible]-11	.8	5.8		.1		5.8	7.6	1.1			[illegible]	930
	12-14	.4	6.6			.2	6.6	4.4	.9			4.9	930
	15-17	1.1	6.2				6.2	2.7	1.2			3.9	930
	18-20	1.7	5.7			.1	5.7	3.0	.8			3.8	930
	21-23	2.9	6.1				6.1	3.0				[illegible]	930
TOTALS		1.6	6.3		.0	.1	6.4	4.8	.7			5.4	7438

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

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...WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...	...S FLD KS	63-72,73-74	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
NOV	00-02	.7	5.3		1.1		6.1	3.3	.4			8.3	900
	03-05	.4	6.1		1.7		7.3	8.9	.1			9.1	900
	06-08		5.3	.1	1.2		6.7	13.9	2.1			15.4	899
	09-11	.1	6.8	.4	.3		8.0	12.9	2.6			15.2	900
	12-14	.3	6.3	.2	1.6		7.7	6.9	3.1	.2		10.1	900
	15-17	.4	6.5	.3	1.1		7.6	6.5	2.8	.1		9.1	899
	18-20	.4	6.3		1.6		7.2	6.2	1.3	.1		7.3	900
	21-23	.4	5.2	.1	1.3		6.6	5.4	.1			7.6	900
TOTALS		.3	5.9	.1	1.3		7.2	8.6	1.5	.1		10.6	7198

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

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USAFETAC
AI WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] KS	63-72,73-74	DEC

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		6.2	1.3	6.5		13.3	10.6	.9	.6		11.9	930
	03-05	.1	5.6	1.2	6.7		12.9	13.2	1.2	.4		15.9	930
	06-08		4.4	1.7	7.6		13.4	14.5	1.9	.4		15.7	930
	09-11	.1	6.0	1.0	6.9		13.5	14.6	3.0	1.1	.1	18.3	930
	12-14	.2	5.2	1.1	5.5		11.4	11.5	2.3	.5		13.5	930
	15-17	.1	6.3	.5	4.6		11.0	10.9	2.3	.5		13.3	930
	18-20		5.7	.6	5.3		11.3	9.3	1.5	.5		13.9	927
	21-23	.1	6.2	1.4	6.4		13.5	11.8	1.3	.4		12.6	927
TOTALS		.1	5.6	1.1	6.2		12.5	11.7	1.8	.6	.0	13.3	7434

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

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

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] FLD KS	63-77,73-75	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
[illegible]	ALL	.1	[illegible].2	1.6	5.4		12.3	12.7	2.7	1.1		15.5	7440
[illegible]		.1	3.[illegible]	.3	5.3		9.2	12.2	2.3	.3	.1	13.[illegible]	6767
[illegible]		.5	4.4	.4	4.4	.0	9.1	7.4	2.2	.4	.1	[illegible].6	7439
[illegible]		2.5	6.1	.0	.6	.0	8.7	7.6	1.9	.1	.0	9.1	7194
MAY		3.1	6.6				6.6	5.0	1.5		.1	6.[illegible]	7438
[illegible]		4.8	7.1			.0	7.1	3.8	1.6			[illegible].1	7200
JUL		3.2	3.9				3.9	2.5	2.0			4.[illegible]	7440
[illegible]		5.0	5.7				5.7	5.8	3.8		.0	9.0	7432
[illegible]		2.3	7.5				7.5	8.6	2.3			10.5	7162
OCT		1.6	6.3		.0	.1	6.4	4.8	.7			5.4	7438
NOV		.3	5.[illegible]	.1	1.3		7.2	8.6	1.5	.1		11.[illegible]	7198
[illegible]		.1	5.6	1.1	6.2		12.5	11.7	1.8	.6	.0	13.3	7434
TOTALS		1.8	5.7	.4	2.0	.0	8.0	7.6	2.0	.2	.0	9.3	87[illegible]2

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

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.

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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
TOTALS													

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR-ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	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																			
FEB																			
MAR																			
APR																			
MAY																			
JUN																			
JUL																			
AUG																			
SEP																			
OCT																			
NOV																			
DEC																			
ANNUAL																			

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

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

1 2 [illegible] STATION | [illegible] STATION NAME | 42-49, 52-7[illegible] YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										.63	.34	1.74	
[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	1.46	1.38	.92	1.53	1.46	.81	.40	.54	1.38
[illegible]	.47	.31	2.1[illegible]	2.10	.57	.[illegible]	.75	2.16	1.88	1.22	.94	.11	3.11
4	.1[illegible]	.7[illegible]	2.[illegible]	3.30	2.65	3.59	1.46	.19	1.45	.17	.37	.47	3.59
[illegible]	.[illegible]	.[illegible]	1.[illegible]	.91	1.69*	2.20	.37	3.33	.93	.71	.61	1.[illegible]	3.33
[illegible]	.[illegible]	.55	3.42	1.35	.73*	.67						3.07	
[illegible]	1.[illegible]	.53	1.[illegible]	1.95	1.95	4.14	1.43	1.09	.83	1.[illegible]	1.34	.59	4.14
[illegible]	4.4[illegible]	.44	.[illegible]1	1.63	1.30	2.[illegible]7	3.59	2.32	1.25	.97	.17*	.1[illegible]	4.42
[illegible]		1.[illegible]	.71	.9[illegible]	.82	1.52	.53	1.99	.46	.04	1.23	.40	
[illegible]		.43	.73	.54	1.73	.6[illegible]	.74	1.24	1.34	.16	1.66	.74	1.73
[illegible]	.1[illegible]	.94	.61	1.43	1.46	1.67	1.45	1.97	.64	.56	.31	.42	1.97
[illegible]	.[illegible]	.62	.13	.73	1.46	1.16	.45	.80	.79	.81	.03	.19	1.46
[illegible]	.[illegible]4	.29	.24	1.[illegible]4	1.[illegible]5	2.81	1.02	1.65	.75	1.11	1.55	.31	2.81
[illegible]	.[illegible]	.23	1.[illegible]3	2.14	1.63	2.[illegible]3	4.63	.42	2.[illegible]0	1.22	.55	.50	4.63
[illegible]	.4[illegible]	.89	.64	.35	.53	1.71	2.81	1.82	1.22	4.77	2.34	.37	4.77
[illegible]	.[illegible]4	.30	1.43	.65	.9[illegible]	.77	1.1[illegible]	.64	.69	1.63	.10	.67	1.63
[illegible]	.[illegible]	.[illegible]4	.[illegible]3	.[illegible]6	.63	.93	1.65	1.66	.52	1.63	.16	.67	1.66
[illegible]1	.[illegible]	.12	2.15	1.57	1.59	.81	1.11	.81	2.03	2.72	.94	.31	2.72
[illegible]	.[illegible]1	.49	1.27	.32	3.14	.35	.91	2.11	1.56	.94	.74	.18	3.14
[illegible]	.[illegible]	.[illegible]5	1.6[illegible]	.16	.63	1.52	3.57	.99	.43	.95	.33	.12	3.57
[illegible]4	.[illegible]1	.21	.3[illegible]	1.60	1.10	1.42	.36	2.53	1.12	.11	3.21	.56	3.21
[illegible]5	.[illegible]7	.63	.94	.[illegible]7	1.32	4.95	1.02	1.35	1.94	.56	.15	1.15	4.98
[illegible]6	.[illegible]4	.48	.39	.[illegible]2	.25	1.23	1.17	1.98	1.44	.32	.23	.42	1.98
6	.1[illegible]	.12	1.11	3.01	1.32	1.83*	1.11*	.81	.87*	2.08	.46	.79	3.81
6[illegible]	.[illegible]	.26	.[illegible]9	1.19	.90	1.29	3.27	2.18	1.56	1.99	.68	1.13	3.27
6	.1[illegible]	.[illegible]9	.62	3.68	2.13	2.76	2.14	.48	1.15	1.15	.02	.66	3.68
[illegible]	.1[illegible]	.40	.56	2.12	1.13	2.[illegible]3	.72	1.44	2.52	.67	.57	.55	2.52
[illegible]1	1.1[illegible]	.74	.17	.51	2.45	1.75	.8[illegible]	.17	.73	1.79*	1.56*	.81	2.45
[illegible]	.1[illegible]*	.21*	.[illegible]3	1.99	1.40	.98	1.00*	2.77	1.75	1.[illegible]3	.98	1.22	* 2.77
[illegible]7	.[illegible]5	1.21	1.[illegible]7	2.72	2.34	.40	3.36*	.61		3.11	1.71	2.50	
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS

13 2[illegible] FORBES FLD KS 42-49, 52-7-

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	.1[illegible]*	.32	.4[illegible]	1.[illegible]*	1.75	1.49	.15	1.59	.67	1.93	.50*	.32	1.98
[illegible]	.77	1.[illegible]	.79	.5[illegible]	1.24	1.1[illegible]	TRACE	.64	1.89	.[illegible]4	1.09*	.92	1.89
[illegible]	.[illegible]	.[illegible]	.[illegible]1	1.12	2.04	.56	1.10	.21	.30	1.[illegible]	.11	.1[illegible]	2.[illegible]4
77	.1[illegible]	.26	1.34	.49	1.14	2.89	.9[illegible]	1.62	2.20	1.[illegible]3	1.12	.[illegible]3	2.[illegible]9
7[illegible]	.1[illegible]	.39	.71										
MEAN	.[illegible]1	.497	.956	1.329	1.426	1.743	1.432	1.409	1.266	1.173	.763	.846	2.919
S D	.771	.334	.614	.974	.669	1.079	1.152	.786	.642	.985	.733	.624	1.098
TOTAL OBS	1[illegible]	[illegible]45	1[illegible]52	[illegible]	1022	98[illegible]	991	981	93[illegible]	1022	987	1[illegible]34	11956

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

USAF CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1[illegible] [illegible] AS, TEX
STATION STATION NAME

42-49, 52-71
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										1.23	.79	3.99	
[illegible]3	.1[illegible]	.[illegible]6	.17	1.[illegible]5	5.28	3.05	3.89	2.01	4.34	2.36	.62	1.73	29.19
44	.[illegible]5	.[illegible]7	4.[illegible]3	[illegible].46	2.[illegible]3	2.06	1.67	[illegible].16	2.25	1.84	2.10	4.50	37.5[illegible]
4[illegible]	.[illegible]3	1.27	[illegible].30	7.[illegible]1	[illegible].34	7.7[illegible]	3.6[illegible]	.31	[illegible].53	.42	.12	.[illegible]4	36.37
4[illegible]	.13	.61	2.71	[illegible].26	[illegible].43*	5.5[illegible]	.[illegible]5	.51	2.42	1.23	.92	1.[illegible]3	*31.47
[illegible]2	.[illegible]2	.[illegible]3	4.[illegible]4	[illegible].[illegible]6	2.72*	2.7[illegible]						[illegible].73	
[illegible]	1.[illegible]	.75	[illegible].[illegible]3	2.61	[illegible].53	[illegible].69	4.9[illegible]	[illegible].[illegible]5	1.26	1.6[illegible]	1.76	.[illegible]6	35.[illegible]2
[illegible]1	[illegible].[illegible]5	1.2[illegible]	1.6[illegible]	[illegible].43	[illegible].22	7.83	4.[illegible]5	4.46	2.76	3.64	.34*	.1[illegible]	*44.46
[illegible]		1.71	2.[illegible]2	[illegible].47	3.16	1.9[illegible]	1.19	[illegible].22	.73	.[illegible]4	2.56	.97	
[illegible]3	.[illegible]9	1.13	2.55	1.47	[illegible].64	1.72	1.65	[illegible].37	1.4[illegible]	.51	2.25	1.7[illegible]	22.56
4	.13	1.77	.79	[illegible].17	[illegible].75	4.[illegible]4	[illegible].84	[illegible].97	.66	2.35	.01	1.[illegible]0	[illegible]9.[illegible]9
5	1.[illegible]2	1.[illegible]3	.1[illegible]	[illegible].1[illegible]	[illegible].33	[illegible].6[illegible]	1.3[illegible]	[illegible].22	2.27	2.18	.07	.[illegible]3	21.53
5[illegible]	1.[illegible]1	.73	.55	2.74	[illegible].5[illegible]	4.84	[illegible].11	2.75	.75	2.68	1.86	.9[illegible]	27.67
[illegible]7	.[illegible]4	.57	4.[illegible]7	[illegible].72	4.15	7.46	6.23	1.05	4.73	3.54	2.14	1.41	42.61
5[illegible]	1.44	1.51	2.34	1.[illegible]3	1.82	[illegible].34	[illegible].45	[illegible].43	[illegible].90	4.65	3.45	.7[illegible]	39.37
[illegible]	1.2[illegible]	.57	3.41	2.13	4.46	1.36	4.29	2.61	2.5[illegible]	4.66	.1[illegible]	1.6[illegible]	[illegible]9.[illegible]7
	1.[illegible]5	2.27	[illegible].[illegible]8	1.30	2.10	3.12	3.37	[illegible].8[illegible]	1.59	3.74	.29	1.[illegible]5	[illegible]7.[illegible]9
1	.[illegible]1	1.50	7.[illegible]9	[illegible].7[illegible]	[illegible].35	1.14	[illegible].2[illegible]	1.97	[illegible].21	4.47	2.68	.7[illegible]	42.21
[illegible]	2.1[illegible]	1.43	1.47	.[illegible]6	[illegible].27	4.01	2.56	[illegible].[illegible]6	[illegible].[illegible]5	1.42	1.15	.44	[illegible]0.[illegible]7
[illegible]2	.[illegible]3	.[illegible]6	2.12	.[illegible]6	2.[illegible]5	3.21	5.1[illegible]	1.4[illegible]	1.[illegible]8	2.51	.8[illegible]	.2[illegible]	21.13
[illegible]4	.[illegible]5	.33	2.[illegible]2	4.[illegible]8	2.31	[illegible].34	1.2[illegible]	[illegible].[illegible]3	2.[illegible]4	.21	[illegible].92	.99	34.[illegible]7
[illegible]9	1.4[illegible]	1.37	1.7[illegible]	1.67	3.[illegible]5	15.67	3.3[illegible]	[illegible].94	7.49	.7[illegible]	.17	2.3[illegible]	43.3[illegible]
[illegible]0	.14	.[illegible]1	.6[illegible]	2.77	.61	[illegible].4[illegible]	1.4[illegible]	[illegible].22	2.50	.40	.32	.[illegible]9	[illegible]1.[illegible]3
67	.[illegible]2	.23	1.96	[illegible].[illegible]5	4.62	12.58*	2.33*	1.36	[illegible].81*	5.69	.55	[illegible].01	*45.18
6[illegible]	.[illegible]6	.68	.63	4.62	3.59	2.71	14.12	6.89	2.15	4.44	1.8[illegible]	1.9[illegible]	44.47
6[illegible]	.[illegible]7	.3[illegible]	1.71	[illegible].[illegible]3	4.7[illegible]	9.57	6.51	.70	2.12	3.88	.[illegible]3	1.[illegible]2	[illegible]6.[illegible]6
7[illegible]	.1[illegible]	.57	.[illegible]2	[illegible].92	4.62	5.84	1.11	1.71	[illegible].07	1.94	1.5[illegible]	1.53	[illegible]2.[illegible]0
7[illegible]	1.[illegible]1	1.[illegible]8	.43	.[illegible]5	[illegible].52	3.62	4.9[illegible]	.24	1.75	[illegible].79*	2.83*	[illegible].[illegible]4	*[illegible]9.21
7[illegible]	.[illegible]2*	.49*	.97	4.[illegible]2	[illegible].48	1.3[illegible]	[illegible].69*	4.60	4.63	2.16	3.49	[illegible].[illegible]3	*[illegible]1.[illegible]5
7[illegible]	[illegible].43	1.57	.[illegible]2[illegible]	[illegible].53	4.75	1.51	[illegible].33*	1.31		[illegible].69*	[illegible].63	4.[illegible]9	
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible] CLIMATOLOGY [illegible]
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

[illegible] STATION [illegible] STATION NAME 42-[illegible], 52-7[illegible] YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	.[illegible]7*	.[illegible]2	1.13	[illegible]2*	4.7[illegible]	3.54	.17	[illegible]	1.1[illegible]	6.37	1.03*	1.[illegible]6	*29.61
[illegible]	1.[illegible]	1.68	1.[illegible]	2.44	4.37	5.31	TRACE	1.67	[illegible]	.04	4.06*	1.24	*29.10
[illegible]	.[illegible]	.10	1.7[illegible]	4.[illegible]2	[illegible].47	1.[illegible]	1.7[illegible]	.4[illegible]	1.[illegible]	3.5[illegible]	.12	.17	*20.5[illegible]
77	.[illegible]	.2[illegible]	2.3[illegible]	1.[illegible]3	[illegible].5[illegible]	13.[illegible]	1.65	[illegible].11	[illegible].59	5.22	2.53	.[illegible]4	46.31
7	.[illegible]	.74	2.1[illegible]										
MEAN	1.13[illegible]	.993	2.445	3.465	4.206	[illegible].386	3.804	3.381	3.150	2.556	1.510	1.64[illegible]	33.3[illegible]
S D	1.56[illegible]	.633	1.971	2.22[illegible]	1.472	3.771	2.999	2.160	2.042	1.699	1.411	1.43[illegible]	7.991
TOTAL OBS	1022	945	1052	99[illegible]	1.[illegible]22	98[illegible]	991	981	93[illegible]	1022	987	1.[illegible]34	11956

NOTE: * (BASED ON LESS THAN FULL MONTHS)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 46-4[illegible], 5[illegible]-7[illegible] 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	1.	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	.4	.	[illegible]	.1				11.[illegible]	[illegible]	[illegible].4	1[illegible]	.3
FEB	[illegible]	17.1	.	[illegible]	1.4	.7	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible].3	[illegible]	[illegible]
MAR	7[illegible]	1[illegible].1	[illegible]	[illegible].2	[illegible]	[illegible]	[illegible]	.	[illegible]					[illegible]	[illegible]	4.2	[illegible]	[illegible]
APR	.7	.	[illegible]	.4	.1	.1	.2	.1						1.[illegible]	[illegible]	[illegible]	9.[illegible]	[illegible]
MAY	[illegible]	[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
JUN	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
JUL	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
AUG	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
OCT	9.	.4	.1		.1									[illegible]	899	.1	1.9	[illegible]
NOV	8[illegible].7	7.4	[illegible]	1.4	[illegible]		.1	.2						[illegible].9	567	1.1	7.1	[illegible]
DEC	[illegible]7.1	1[illegible].4	.4	3.1	1.4	.7	.4	.3	.1					9.5	91[illegible]	4.3	13.[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	1.7	1.1	[illegible]	.3	.1	[illegible]	.1	.0				3.[illegible]	10762	[illegible].2		

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

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

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
46	1.5	2.0	.3	.0	.0*	.0	.0	.0	.0	.0	TRACE	.3	2.0
47	5.3	5.5	2.5	.0	.0*	.0						4.5	
48	12.2	2.0	5.2	.0	.0	.0	.0	.0	.0	.0	.1	2.9	12.2
49	3.3	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	5.3
50		TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	4.2	3.5	
51	.3	TRACE	5.1	.2	TRACE	.0	.0	.0	.0	.0	5.1	4.0	5.1
52	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	2.0
53	.1	4.0	1.7	.0	.0	.0	.0	.0	.0	.0	1.2	2.4	5.1
54	6.4	2.8	2.4	2.0	.0	.0	.0	.0	.0	.0	.1	2.7	6.4
55	.3	2.5	3.9	1.2	.1	.0	.0	.0	.0	.3	TRACE	1.0	3.9
56	2.1	1.4	1.0	.0	.0	.0	.0	.0	.0	.0	5.0	3.7	5.1
57	4.5	.1	5.4	6.0	.0	.0	.0	.0	.0	.0	1.0	.1	6.0
58	6.7	6.4	9.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	9.4
59	.1	1.9	2.5	3.7	.0	.0	.0	.0	.0	.0	.4	2.8	3.7
60	3.7	.4	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.7
61	2.7	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	2.7
62	1.8	1.9	2.2	.0	.0	.0	.0	.0	.0	.0	1.0	1.8	2.2
63	.7	6.5	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	6.5
64	.3	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.3	6.3
65	.0	2.0	.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0	5.0
66	3.0	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.1	3.0
67	.7*	1.9	2.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	2.5
68	1.0	.3	5.0	4.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0	5.0
69	.0	5.0	2.7	.0	.0	.0	.0	.0	.0	.0*	2.0*	.1	9.0
70	.2*	2.1*	.5	TRACE	.0	.0	.0	.0	.0	.0	1.9	1.1	* 2.1
71	3.0	1.2	.1	1.0	.0	.0	.0*	.0		.0	TRACE	7.0	
72	3.0*	.6	1.0	1.0*	.0	.0	.0	.0	.0	.0	TRACE*	TRACE	3.6
73	.9	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.6*	1.0	* 1.1
74	* .1	TRACE	.5	.0	.0	.0	.0	.0	.0	1.9	TRACE	1.2	1.9
75	2.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.7
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible] CLI[illegible] [illegible]
[illegible]TAC
A[illegible] [illegible]ATH R SERVICE/[illegible]AC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

1[illegible]2 [illegible]S FLD KS 46-49, 52-7[illegible]
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
7	[illegible]	[illegible]	4.3										
MEAN	2.99	2.32	2.24	.64	TRACE	.00	.00	.00	.00	.08	.74	2.47	[illegible]
S D	2.64[illegible]	2.640	2.305	1.448	.000	.000	.000	.000	.000	.355	1.504	1.694	2.519
TOTAL OBS	[illegible]29	[illegible]59	959	900	929	690	899	89[illegible]	840	899	867	91[illegible]	10771

NOTE * ([illegible]ASED ON LESS THAN FULL MONTHS)

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

[illegible]

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

1 2[illegible] [illegible] 46-49, 52-7[illegible]

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
4	1.7	[illegible]	[illegible]	.0	.0*	.0	.0	.0	.0	.0	TRACE	.5	* 4.8
47	[illegible]	[illegible]	[illegible]	.0	.0*	.0						5.2	
4[illegible]	[illegible]	4.3	11.1	.0	.0	.0	.0	.0	.0	.0	.1	5.1	37.1
4[illegible]	10.3	2.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	* 14.2
[illegible]		TRACE	14.[illegible]	TRACE	.0	.0	.0	.0	.0	.0	5.1	5.[illegible]	
[illegible]	.7	TRACE	1[illegible].2	.2	TRACE	.0	.0	.0	.0	.0	5.1	5.[illegible]	25.2
[illegible]	.[illegible]	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	4.8
5[illegible]	[illegible]	11.0	2.[illegible]	.0	.0	.0	.0	.0	.0	.0	1.4	5.4	25.7
5[illegible]	1[illegible].1	6.4	4.5	2.0	.0	.0	.0	.0	.0	.0	.1	3.5	29.6
57	[illegible].3	2.5	4.[illegible]	1.7	.0	.0	.0	.0	.0	.3	TRACE	1.4	15.2
[illegible]	1[illegible].3	1.9	1.4	.[illegible]	.0	.0	.0	.0	.0	.0	5.4	6.[illegible]	27.8
[illegible]	1[illegible].1	.1	3.4	9.[illegible]	.0	.0	.0	.0	.0	.0	1.1	.1	25.8
[illegible]	[illegible].3	20.3	2[illegible].9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	54.9
[illegible]1	.9	3.0	2.7	3.7	.0	.0	.0	.0	.0	.0	.4	6.4	17.1
[illegible]	1[illegible].2	.4	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.9	12.9
[illegible]	[illegible]	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	2.[illegible]	7.3
[illegible]	[illegible].3	2.1	4.[illegible]	.0	.0	.0	.0	.0	.0	.0	2.0	2.2	13.6
[illegible]	1.4	7.1	4.1	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3	14.9
66	.[illegible]	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	9.[illegible]	11.4
67	[illegible]	3.3	1.[illegible]	.0	.0	.0	.0	.0	.0	TRACE	TRACE	13.[illegible]	19.9
6[illegible]	4.7	5.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.4	11.1
6[illegible]	1.4*	1.9	2.[illegible]	.0	.0	.0	.0	.0	.0	.0	TRACE	[illegible].1	* 13.9
7[illegible]	[illegible]	.3	5.4	4.[illegible]	.0	.0	.0	.0	.0	TRACE	TRACE	6.1	17.8
71	.4	12.[illegible]	5.3	.0	.0	.0	.0	.0	.0	.0*	3.0*	.1	* 21.6
7[illegible]	.5*	4.7*	.5	TRACE	.0	.0	.0	.0	.0	.0	7.1	2.1	* 14.9
7[illegible]	12.[illegible]	2.1	.[illegible]	1.3	.0	.0	.0*	.0		.0	TRACE	9.6	
74	5.7*	.6	1.2	1.0*	.0	.0	.0	.0	.0	.0	TRACE*	TRACE	* 8.5
75	1.[illegible]	2.2	.5	.2	.0	.0	.0	.0	.0	.0	.7*	1.[illegible]	* 7.[illegible]
76	* .[illegible]	TRACE	.6	.0	.0	.0	.0	.0	.0	1.9	TRACE	1.2	* 4.[illegible]
77	[illegible].2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.[illegible]
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible]
[illegible]TAC
A[illegible] [illegible]ATH[illegible] SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

[illegible] [illegible] [illegible] [illegible] [illegible] 46-49, 52-7[illegible]
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7	[illegible]	17.3	[illegible]										
MEAN	5.37	3.96	4.16	.77	TRACE	.00	.00	.00	.00	.05	1.09	4.29	20.01
S D	4.702	4.963	5.64	1.831	.000	.000	.000	.000	.000	.355	2.182	3.395	12.010
TOTAL OBS	[illegible]	859	959	[illegible]	929	89[illegible]	899	890	[illegible]	899	[illegible]67	91[illegible]	10771

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
[illegible]
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | [illegible] 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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]			
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							17.7	[illegible]			
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]			
APR	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]			
MAY	[illegible]														101			
JUN	[illegible]														[illegible]			
JUL	[illegible]														[illegible]			
AUG	[illegible]														[illegible]			
SEP	[illegible]														[illegible]			
OCT	[illegible]														1022			
NOV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]			
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]			
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	1195 4			

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

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] EATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

1[illegible]2[illegible] [illegible] DES FLOWKS 42-49, 52-7[illegible]
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										0	1		
43		1	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	5
44	* [illegible]*	3*	1	0	0	[illegible]	0	0	0	[illegible]	0	3	* 4
45	TRACE	3	1	0	0	[illegible]	0	0	0	[illegible]	1	[illegible]	5
46	[illegible]	0	1	0	0*	[illegible]	0*	0	0	0	0*	TRACE	1
47	[illegible]	1	[illegible]	0*	0							2	
48	[illegible]	4	[illegible]	0	[illegible]	[illegible]	0	0	0	[illegible]	TRACE	4	5
49	[illegible]	2	1	0	0	0	0	0	0	[illegible]	0*	0	5
[illegible]		TRACE	[illegible]	[illegible]	0	0	0	0	0	[illegible]	1	3	
53	1	TRACE	7	[illegible]	0	0	0	0	0	[illegible]	3	5	7
54	TRACE	0	TRACE	[illegible]	[illegible]	[illegible]	0	0	0	[illegible]	0	2	2
55		9	[illegible]	0	0	0	0	0	0	0	1	0	9
56	[illegible]	6	[illegible]	0	[illegible]	0	0	0	0	0	TRACE	[illegible]	6
57	[illegible]	3	[illegible]	1	[illegible]	0	0	0	0	[illegible]	0	[illegible]	5
58	1[illegible]	3	[illegible]	0	0	0	0	0	0	[illegible]	5	3	1[illegible]
[illegible]	[illegible]	4	[illegible]	1	0	0	0	0	0	[illegible]	1	1	6
60	[illegible]	11	24	TRACE	0	0	0	0	0	0	TRACE	3	24
61	1	4	1	1	0	0	0	0	0	0	TRACE	5	5
62	[illegible]	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	2	9
63	[illegible]	TRACE	TRACE	0	0	0	0	0	0	0	0	2	2
64	[illegible]	1	1	0	0	0	0	0	0	0	2	3	3
65	[illegible]	6	2	0	0	0	0	0	0	0	0	1	6
66	1	1	[illegible]	0	0	0	0	0	0	0	0	5	5
67	[illegible]	2	1	0	0	0	0	0	0	0	0	[illegible]	5
68	[illegible]	2		0	0	0	0	0	0	[illegible]	0	1	4
69	[illegible]	5	2	0	0	0	0	0	0*	0	0	3	5
70	3	TRACE	TRACE	5	0	[illegible]	0	0	0	0	0	5	6
71	1	11	4	0	0	0	0	0	0	[illegible]	3	TRACE	11
72	[illegible]	3	1	0	0	0	0	0	0	0	2	1	3
73	5	1	0	TRACE	0	0	0*	0		0	0	7	
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

[illegible] STATION | [illegible] STATION NAME | 42-52, 54-7 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	11*	1	1	1*							1* TRACE		11
[illegible]											7*		7
[illegible]		1 TRACE										TRACE TRACE	2
[illegible]	7		TRACE TRACE									TRACE	7
7		6	4										
MEAN	[illegible]	3.0	[illegible]	.3	.0	.0	.0	.0	.0	.0	.8	2.2	6.7
S.D	2.[illegible]	3.218	4.369	.957	.000	.000	.000	.000	.000	.000	1.803	2.254	4.463
TOTAL OBS	1021	46	1033	990	1018	959	992	982	930	1022	990	1032	11935

NOTE: * (BASED ON LESS THAN FULL MONTHS)

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

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.

[illegible] complete months.

4-29962

[illegible]

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

1[illegible] STATION [illegible] STATION NAME 46-48, 57-7[illegible] YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47WN[illegible]	39S[illegible]	[illegible]	26F	77S	[illegible]	39WSW	40SW	[illegible]
[illegible]	[illegible]	[illegible]	47[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37S[illegible]	[illegible]	[illegible]	51SW	26SSW	42SSW	32WSW	46SSE	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37W	37N[illegible]	42NW	37N[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31NNW	*42NW	*33WSW	38S	*34	SW 57
[illegible]	[illegible]	*27[illegible]	*42[illegible]	[illegible]	*49S	*26[illegible]	*2[illegible]NW	*26N	*32S	*33NNW	*33NW	*26	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47NW	46WSW	*40N	*39[illegible]	*32NNE	*27NW	*36	[illegible]
[illegible]	[illegible]	[illegible]	*44[illegible]	[illegible]	*36[illegible]	*3[illegible]SSW	*24SSE	*24N	*35[illegible]	*32SSW	*41NW	*34[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42S	40S	41S	34S	40S	36	W 54
[illegible]	[illegible]	39[illegible]	[illegible]	42SW	[illegible]	[illegible]	42NW	34W	42[illegible]	31NW	35S	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	51NN	27SSE	42[illegible]	44SSE	32NNE	44W	28S	47NNW	40S	32	[illegible]
[illegible]	[illegible]	39[illegible]	46S	*[illegible]NE	54W	*5[illegible]	56N	*26S	31SSE	*42SSW	29S	41[illegible]	NNW 56
[illegible]	[illegible]	42[illegible]	5[illegible]S	49SSE	59SSW	5[illegible]/	4218/	3318/	3122/	3517/	3322/	46[illegible]	SSE 59
[illegible]	[illegible]/	3334/	3[illegible]22/	[illegible]34/	462[illegible]/	4927/	5219/	2916/	331[illegible]/	4618/	4530/	3[illegible]	27/ 52
[illegible]	[illegible]/	4533/	3[illegible]23/	[illegible]33/	4617/	57[illegible]/	4219/	3131/	5120/	3[illegible]20/	3632/	3[illegible]	17/ 57
[illegible]	[illegible]/	39[illegible]2/	5[illegible]33/	3627/	43[illegible]/	3[illegible]21*	3[illegible]1/	2[illegible]18/	39[illegible]/	3427/	3822/	3[illegible]	32/ 50
[illegible]	[illegible]/	341[illegible]/	3819/	47[illegible]/	4[illegible]28/	3823/	3[illegible]21/	32[illegible]/	4033/	3[illegible]21/	3[illegible]35/	3517/	41 28/ 48
[illegible]	36/	3[illegible]36*	[illegible]923/	4[illegible]19/	4[illegible]19/	42[illegible]1/	6434/	4727*	4[illegible]	[illegible]2/	3418/	3633/	39[illegible]
[illegible]	2[illegible]/	[illegible]734*	4[illegible]2/	4[illegible]2[illegible]/	4121/	43[illegible]2/	4[illegible]/	3232/	54[illegible]/	26[illegible]9/	4631/	44[illegible]	3[illegible] 54
[illegible]	3[illegible]/	3[illegible]33/	3[illegible]28/	4217/	44[illegible]9/	342[illegible]/	5[illegible]2/	2[illegible]26/	32[illegible]1/	3[illegible]2[illegible]/	3627/	5021/	5[illegible] 2[illegible]/ 52
[illegible]	3[illegible]/	3536/	5029/	541[illegible]/	[illegible]121/	4231/	35[illegible]1/	411[illegible]/	3617/	332[illegible]/	2336/	3435/	45 2[illegible]/ 54
[illegible]	1[illegible]/	3[illegible]1[illegible]/	42[illegible]9/	411[illegible]/	4[illegible]18/	4131/	3[illegible]23/	2[illegible]28/	301[illegible]/	28[illegible]/	313[illegible]/	3719/	39[illegible] 1[illegible]/ 42
7	3[illegible]/	[illegible]35/	3[illegible]21/	3[illegible]									
MEAN	3[illegible].5	35.6	43.7	43.9	44.3	44.1	39.9	34.8	35.0	36.6	36.6	39.2	51.5
S D	[illegible].671	5.261	6.[illegible]42	6.342	7.845	5.58[illegible]	9.101	6.894	6.614	5.862	4.970	6.550	4.176
TOTAL OBS	7[illegible]	672	717	640	[illegible]91	673	667	644	599	636	631	671	7895

NOTES * ([illegible] LESS THAN FULL MONTHS)

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

[illegible] ([illegible] LESS THAN FULL MONTHS AND +100 KNOTS)

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | JA. 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.[illegible]	3.5	4.2	3.2	.6	.1						12.9	8.3
NNE	.[illegible]	1.1	1.6	.6	.2							3.3	7.3
NE	.[illegible]	.9	.5	.3	.1							2.4	6.7
ENE	.3	.6	.4									1.3	4.3
E	.9	1.9	.5	.2								3.5	5.1
ESE	.5	.4	.3	.2								1.5	5.6
SE	.4	1.5	1.2	.4								3.7	6.2
SSE	.3	1.5	.9	1.2								3.9	7.7
S	1.1	2.4	2.3	5.2	.3							11.6	9.7
SSW	.[illegible]	1.9	3.1	3.4	.9							10.2	9.6
SW	.3	1.9	1.5	.3								4.5	6.1
WSW	.5	.8	.4	.3								2.2	5.9
W	1.[illegible]	1.[illegible]	.2		.2							2.4	5.5
WNW	.3	.9	1.3	1.2		.1						4.2	8.3
NW	1.2	2.3	2.4	2.3								7.8	8.[illegible]
NNW	1.1	1.5	3.1	2.7	.3							8.7	9.2
VARBL													
CALM												14.5	
	12.7	24.1	24.8	21.4	3.1	.2						[illegible]	8.7

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: FORBES FLD KS | YEARS: 63-70,74-75 | MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.[illegible]	5.9	2.5	.4							13.4	[illegible].3
NNE	.6	.5	1.6	1.1	.3							4.2	9.1
NE	.3	.6	.9	.2	.1							2.2	7.1
ENE	.3	.4	.8									1.5	6.[illegible]
E	.4	1.5	.9	.1								2.9	5.7
ESE	.2	.9	.5	.3								1.9	6.8
SE	1.7	2.3	.6	.3								4.9	4.8
SSE	.3	1.5	1.4	1.2								4.4	8.3
S	1.2	2.3	1.9	4.0	1.4	.1						11.4	10.1
SSW	.9	1.2	2.8	3.2	.2							[illegible].3	9.7
SW	1.6	1.7	.6	.9								4.[illegible]	6.[illegible]
WSW	.5	.9	.5	.1								1.[illegible]	5.6
W	.3	1.3	.4	.1	.1							2.3	6.[illegible]
WNW	.4	.9	1.2	.5	.3							3.3	8.5
NW	1.0	2.7	2.6	1.7								[illegible]	7.5
NNW	1.[illegible]	2.8	3.7	2.7	.1							10.2	[illegible].4
VARBL													
CALM												14.3	
	12.5	24.8	26.3	18.9	3.0	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

L AL CLIMATOLOGY BRANCH
ETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 2	FORBES FLD KS	63-70,74-75	JAN

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 6 [illegible]-3803

SPEED (KNTS) DIR.	1 - 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	2.6	5.1	3.7	.3							12.7	8.9
NNE	.2	1.3	1.3	1.4	.2							4.7	9.5
NE	.5	.3	.9	.2								2.4	6.3
ENE	.4	.3	.3									1.4	4.9
E	.9	1.5	1.3	.2								4.2	5.5
ESE	1.4	1.2	1.1	.1								3.8	5.4
SE	1.5	2.5	1.2	.1								5.3	5.2
SSE	.6	1.1	2.2	1.2								5.1	7.7
S	1.2	1.9	3.3	3.0	1.9							11.2	10.4
SSW	.9	1.2	2.4	2.8	.2							7.3	9.4
SW	1.1	1.1	.2	.3	.1							2.8	5.4
WSW	.6	.9	.5									2.0	5.2
W	.5	1.2	.5									2.3	5.1
WNW	.2	.8	1.8	.6	.3							4.1	9.9
NW	1.2	2.0	3.2	2.3	.1							8.8	8.1
NNW	1.0	2.0	2.6	1.3	.2							7.1	7.7
VARBL													
CALM												15.2	
	14.2	22.2	27.8	17.2	3.4							100.4	6.7

TOTAL NUMBER OF OBSERVATIONS 932

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)

1352 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	3.4	3.3	.6							1.4	9.2
NNE	.7	1.7	2.6	1.5	.3							7.1	8.2
NE	.7	.5	1.0									1.2	6.3
ENE	.1	.6	.4									1.2	6.4
E	.7	1.5	1.1	.5								4.0	6.2
ESE	.7	.9	1.8	.1								3.1	7.3
SE	.5	1.6	2.7	.8	.1							4.5	8.2
SSE	.3	2.3	1.4	1.7	.5							6.2	9.3
S	.9	2.7	2.5	4.5	1.7	.2						11.5	11.2
SSW	.4	1.6	3.5	3.4	.5							9.6	10.3
SW	.9	.3	1.5	1.3	.1							4.5	6.3
WSW	1.5	.4	.8	.1								2.3	5.5
W	.9	1.2	.6	.3								3.0	5.6
WNW	.6	.5	1.0	1.1	.5	.1						3.9	9.9
NW	.5	.9	2.6	3.1	.4	.1						7.7	10.2
NNW	.8	1.7	3.1	4.1	.6							10.3	9.9
VARBL													
CALM												3.2	
	10.4	20.0	29.5	25.9	5.6	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

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

SURFACE WINDS

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

... STATION | FORBES FLD KS STATION NAME | 63-71,74-75 YEARS | JA... MONTH

ALL WEATHER CLASS | 12...-14... HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	3.3	4.9	1.7	.1						11.7	11.3
NNE	.4	1.3	2.3	.6								4.7	7.2
NE	.5	1.1	1.2	.4								3.2	6.7
ENE	.1	.4	.2	.1								.9	6.4
E	1.5	1.7	1.3	.2								4.7	5.5
ESE	.2	.9	.5	.3								1.9	6.9
SE	.6	.5	1.0	.8								2.9	6.3
SSE	.4	1.1	2.3	1.7	.1							5.6	9.1
S	.6	1.2	3.0	5.9	1.8	.6						13.1	12.4
SSW	.3	1.1	3.4	3.2	.9							9.9	10.4
SW	.9	1.2	2.9	2.2	.5	.1		.1				7.8	10.0
WSW	.5	1.4	.5	.5	.1							3.1	7.3
W	.3	1.2	1.2	.4	.1							3.2	7.5
WNW	.3	.5	1.6	1.2	.8	.1						4.5	11.1
NW	.9	1.1	2.3	3.9	.5	.1						8.5	10.6
NNW	.3	1.1	2.9	4.6	.6							9.9	11.2
VARBL													
CALM												5.2	
	8.9	16.8	29.9	31.0	7.1	1.1		.1				100.0	9.4

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)

13 2 — STATION
FORBES FLD KS — STATION NAME
63-73,74-75 — YEARS
JAN. — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.0	4.7	4.0	1.7		.1					13.5	10.5
NNE	.5	1.6	1.5	1.3								4.9	7.9
NE	.4	.9	.6	.1								2.0	5.9
ENE	.2	1.1	1.0	.4								2.6	7.7
E	.9	1.4	1.6	.1								4.4	5.9
ESE	.3	1.5	.8	.1								2.7	5.9
SE	.4	1.4	1.2	.5	.2							3.7	7.8
SSE	1.2	1.9	2.3	1.6	.1							6.9	7.9
S	.6	1.8	3.9	5.6	2.0	.1						14.1	11.3
SSW	.2	1.3	2.7	1.9	.3							6.5	9.4
SW	.3	1.2	1.8	1.8	.3	.1						5.6	9.9
WSW	.1	.6	1.2	1.0								2.1	8.3
W	.9	1.1	.6	.6								3.2	6.4
WNW	.5	.3	1.1	.5	.3	.2						3.7	10.4
NW	1.2	1.2	3.3	2.4	.3	.3						8.7	9.6
NNW	.2	1.4	3.4	3.7	.6	.2						9.6	10.9
VARBL													
CALM												4.7	
	2.2	21.1	31.7	25.7	6.5	1.0	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 920

L. AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

2 STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | JAN MONTH

ALL WEATHER CLASS | 1200-2000 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	1.3	3.1	2.9	3.3	.9	.1						12.3	7.2
NNE	1.2	.7	2.2	1.0	.2	.1						5.5	8.2
NE	.4	.8	1.0	.1	.1							2.4	7.0
ENE	.9	1.2	.6	.4								2.6	6.0
E	1.2	1.4	.9									3.2	5.2
ESE	.3	1.3	.8									2.8	4.8
SE	2.0	3.1	1.4	.4								7.3	5.2
SSE	.1	2.2	2.2	1.4								5.9	8.1
S	1.1	3.7	2.4	3.8	.8	.1						11.7	9.3
SSW	.9	2.5	3.1	1.4	.1							7.6	7.7
SW	.9	1.2	1.1	.6		.2						4.6	7.0
WSW	.3	.6	.5	.2								2.2	5.4
W	1.2	1.6	.4									3.2	4.2
WNW	1.3	1.8	1.1	.4	.3	.1						5.1	7.1
NW	1.0	2.3	1.3	1.6	.3							6.5	7.9
NNW	1.1	1.4	1.3	1.8	.6	.2						6.5	9.5
VARBL													
CALM												1.6	
	15.3	29.2	24.1	16.6	3.3	.9						100.1	6.8

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION	STATION NAME	YEARS	MONTH
72	FORBES FLD KS	63-70,74-75	JAN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	4.6	3.7	.6							11.6	9.4
NNE	.8	1.7	1.9	.8								5.2	7.3
NE	.3	.6	.4	.4	.1							1.9	5.2
ENE	.8	.9	1.0									2.6	5.6
E	1.7	1.5	.6									3.1	4.8
ESE	.4	1.0	1.0	.3								2.7	5.8
SE	1.0	1.4	1.0	.4								3.3	6.1
SSE	1.2	1.7	1.6	1.8	.1							6.5	6.4
S	1.7	2.4	3.2	3.3	.9							11.9	9.2
SSW	.6	1.3	3.1	3.9	.4							9.3	9.7
SW	1.0	1.9	2.6	.6								6.1	6.8
WSW	.3	1.1	.5	.1								2.0	5.4
W	.4	.8	.8	.2								2.2	6.6
WNW	.9	1.3	1.1	.6	.3							3.8	6.7
NW	.5	2.7	2.8	1.1	.3							7.4	7.9
NNW	1.0	1.6	2.0	2.4	.4	.3						7.7	9.7
VARBL													
CALM												12.3	
	12.5	23.3	28.3	23.1	3.2	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12 (STATION) FORBES FLD KS (STATION NAME) 63-73,74-75 (YEARS) JA. (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	4.4	3.5	.9	.2	.0					12.4	9.4
NNE	.9	1.3	1.9	1.0	.2	.0						5.1	8.2
NE	.4	.8	.8	.2	.1							2.3	6.7
ENE	.5	.6	.6	.1								1.8	5.9
E	.9	1.6	1.0	.2								3.7	5.5
ESE	.5	1.0	.8	.2								2.6	6.1
SE	1.0	1.3	1.2	.5	.0							4.5	7.3
SSE	.5	1.6	1.8	1.5	.1							5.4	8.4
S	1.2	2.2	2.8	4.5	1.4	.1						12.1	10.5
SSW	.6	1.4	3.0	2.9	.4							8.5	9.5
SW	.9	1.5	1.5	1.0	.1	.1		.0				5.1	7.3
WSW	.6	.8	.6	.3	.0							2.4	6.3
W	.7	1.1	.6	.2	.1							2.7	5.9
WNW	.7	.8	1.3	.8	.4	.1						4.1	9.2
NW	.9	1.9	2.6	2.3	.3	.1						7.9	8.5
NNW	.3	1.7	2.8	2.9	.5	.1						8.7	9.6
VARBL													
CALM												13.6	
	12.7	22.7	27.7	22.1	4.4	.5	.0	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 2[illegible]	FORBES FLD KS	63-73,74-75	FEB

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]-0200

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.8	4.3	4.4	1.1	.5						16.5	9.2
NNE	.2	.5	1.2	.6								2.5	8.0
NE	.5	.9	.7	.5								2.6	7.3
ENE	.5	.8	.5	.4								2.1	6.1
E	.9	1.1	1.4	1.2	.1							4.7	7.8
ESE	.6	1.3	.7	.5								3.1	6.4
SE	.5	1.4	.4	.5								2.7	6.4
SSE	.6	.5	1.2	.6	.1							3.0	6.2
S	1.3	1.9	3.8	4.7	.8	.1						12.6	9.9
SSW	.6	1.7	2.8	3.1	.4	.1						8.6	9.5
SW	.5	1.2	.6	.5								2.7	6.7
WSW	1.3	1.7	.6									3.5	4.3
W	.9	1.5	.7	.1								3.2	5.3
WNW	1.2	.9	.7	.6								3.4	5.5
NW	1.7	2.6	1.5	.8	.1	.1						6.9	6.5
NNW	1.3	.9	1.1	1.6	.6	.4						6.0	9.[illegible]
VARBL													
CALM												15.4	
	15.0	23.0	22.1	20.1	3.2	1.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

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

[illegible] AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] — STATION
FORBES FLD KS — STATION NAME
63-70,74-75 — YEARS
[illegible] — 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.[illegible]	2.5	3.2	4.1	1.3	.5						13.5	9.9
NNE	.5	.7	1.4	.6								3.2	7.4
NE	.2	.4	.6	.5								1.7	8.1
ENE	.6	.1	.7	.4								1.[illegible]	7.4
E	.7	1.7	1.9	.9								5.2	7.2
ESE	.4	1.3	.6	.5								2.7	6.9
SE	.9	1.5	.4	.1	.1							3.1	5.5
SSE		1.7	.8	1.7								4.1	8.9
S	1.7	.7	3.7	3.8	.2	.2						1[illegible].3	9.5
SSW	.7	2.1	1.9	2.7	.2							7.7	9.[illegible]
SW	.9	.5	1.1	.5	.1							3.1	6.9
WSW	.5	.9	.5									1.9	4.8
W	.9	1.2	.9	.1								3.2	5.6
WNW	.6	1.5	2.0	.1								4.3	6.3
NW	2.8	3.4	1.4	.9	.1							8.7	5.[illegible]
NNW	1.1	2.7	2.1	3.2	.9	.6						10.[illegible]	1[illegible]
VARBL													
CALM												15.[illegible]	
	14.4	22.9	23.2	2[illegible].1	3.1	1.3						10[illegible]	6.9

TOTAL NUMBER OF OBSERVATIONS 845

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

L AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

K | FORBES FLD KS | 63-73,74-75 | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

.600-2500
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.[illegible]	2.6	3.2	3.9	.8	.2	.1					1.[illegible]4	[illegible].6
NNE	.9	.9	1.8	.2		.1						[illegible].[illegible]	7.[illegible]
NE		.7	.4	.8								1.9	9.3
ENE	.2	1.1	.5	.2								2.4	6.7
E	.2	.9	.9	1.1								3.3	7.5
ESE	1.1	1.7	.8	.7								4.3	6.5
SE	.6	1.8	.6	.4								3.3	6.1
SSE	.9	1.4	.6	1.5								4.5	7.5
S	.9	1.5	4.4	2.5	.2							9.6	9.0
SSW	.9	1.1	2.4	2.2	.4							7.[illegible]	8.9
SW	1.5	1.5	.5	.4								3.9	5.2
WSW	.7	.7		.1								1.5	4.1
W	.7	1.5	.8									3.1	5.1
WNW	1.2	1.7	1.3	.2								4.4	5.8
NW	1.7	2.6	3.0	1.3	.8	.1						9.5	8.[illegible]
NNW	1.4	2.4	2.7	3.0	1.5	.1						11.1	11.[illegible]
VARBL													
CALM												13.5	
	15.2	24.1	24.1	18.6	3.8	.6	.1					1[illegible].7	6.2

TOTAL NUMBER OF OBSERVATIONS [illegible]345

[illegible] AL CLIMATOLOGY [illegible]
[illegible] TAC
[illegible] WEATHER SERVICE/MA

SURFACE WINDS

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

2 STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | FE MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	3.9	4.6	1.4	.1						13.1	10.4
NNE	1.1	.5	1.7	1.2	.4							4.7	9.6
NE	.4	.3	.9									1.6	6.1
ENE	.1	.5	.6	.6								1.8	8.3
E	.7	1.1	1.2	1.7								4.6	8.1
ESE	.4	1.1	1.4	.6								3.4	7.2
SE	.2	1.5	1.9	.9								4.5	7.6
SSE	.2	.7	1.5	1.3	.2	.2						3.3	1.4
S	.9	1.1	2.4	5.1	.6							10.2	10.3
SSW	.3	.3	1.3	2.8	1.1	.1						7.9	11.5
SW	.5	.7	1.5	1.4	.4	.1						4.7	9.3
WSW	.2	1.1	.9	.6								2.8	7.6
W	.2	1.4	1.7	.5								3.4	6.7
WNW	.2	.3	2.1	.8								3.2	8.2
NW	1.2	1.3	3.0	2.1	.6	.4						9.2	9.3
NNW	.7	1.3	4.3	4.7	2.2	.6						13.8	11.4
VARBL													
CALM												4.5	
	7.5	13.4	29.9	29.9	6.5	1.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 845

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)

STATION: [illegible] STATION NAME: FC BLS FLD KS YEARS: 63-70,74-75 MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	2.1	3.7	5.9	1.7	.5						[illegible].2	11.1
NNE	.4	2.2	1.8	.9	.2							[illegible].6	[illegible]
NE	.2	.7	.6	.4								2.1	7.3
ENE	.4	.6	.2	.7								1.9	7.9
E	.2	.8	1.9	.8								3.8	8.1
ESE	.5	1.4	1.1	.4								3.3	6.6
SE	.2	.8	1.4	.7	.2							3.4	8.9
SSE	.1	.6	1.4	2.2	.4	.1						4.8	11.3
S	.4	1.[illegible]	2.0	4.5	1.7	.2						10.5	12.0
SSW	.7	.5	1.5	4.1	1.1	.1						[illegible]	11.9
SW	.1	.6	1.8	1.3	.7	.2						4.7	1[illegible]
WSW	.2	.4	1.1	.5	.1							2.2	8.5
W	.6	1.1	2.1	.5								4.3	7.4
WNW	.2	.5	1.8	1.5	.1							4.1	9.7
NW	.4	1.3	3.1	3.7	1.2	.6						10.2	11.7
NNW	.8	1.3	3.2	5.1	1.4	1.1						12.9	11.9
VARBL													
CALM												2.3	
	6.7	16.7	28.8	33.2	8.7	3.0						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 846

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

1-2 STATION | FT BES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

ALL WEATHER CLASS | 0500-1700 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	1.3	2.7	4.5	5.2	1.9	.2						15.8	10.6
NNE	.7	1.3	2.1	1.4	.2							5.8	8.5
NE	.7	1.1	1.1	.5								3.3	6.5
ENE		1.1	.5	.5								2.2	7.9
E	.5	.8	1.3	1.1								3.7	8.1
ESE	.4	.4	.8	.6								2.1	8.4
SE	.6	.9	1.8	1.2		.2						4.6	9.3
SSE	.2	.2	1.7	1.2	.1							3.4	9.5
S	.5	1.9	3.1	3.3	1.3	.4						10.3	10.9
SSW		1.4	1.3	2.7	1.1							6.5	11.2
SW	.2	.6	1.3	2.8	.8	.1						5.9	12.5
WSW	.4	.6	1.7	.6	.1							3.3	9.4
W	.2	.7	2.1	1.2								4.3	8.7
WNW	.1	1.2	1.9	.9								4.1	8.7
NW	.6	1.5	3.1	3.0	1.3	.4						9.8	11.4
NNW	.6	.8	4.4	4.5	1.7	.1						16.1	11.3
VARBL													
CALM												3.0	
	7.0	17.0	32.5	31.6	8.5	1.4						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 846

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] FORBES FLD KS — 67-72,74-75 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1800-2000

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.5	4.4	4.9	1.2							15.7	9.2
NNE	.6	1.4	1.6	1.1	.4							.6	9.[illegible]
NE	1.1	1.3	.7	.1								3.7	[illegible].2
ENE	.6	.7	.7	.5								2.5	7.6
E	1.2	1.1	2.[illegible]	.7	.1							5.1	7.2
ESE	.7	.8	.7	.4								2.5	6.4
SE	.6	1.8	1.7	.1	.4							4.5	7.2
SSE	.1	1.7	1.5	1.1								4.4	7.9
S	.6	3.1	3.8	2.[illegible]	.2							10.[illegible]	8.5
SSW	.8	2.0	2.[illegible]	.7		.1						5.7	7.1
SW	.6	1.3	.4	.5								2.7	6.1
WSW	.9	1.4	.2	.1	.1							2.7	5.1
W	1.4	1.9	.5									3.8	4.4
WNW	.8	.7	.4	.1								2.0	4.6
NW	1.9	1.4	1.7	1.8	.2							7.[illegible]	7.7
NNW	2.6	1.4	3.0	2.4	.4	.2						9.9	9.[illegible]
VARBL													
CALM												11.5	
	17.4	25.[illegible]	25.3	17.2	3.0	.4						10[illegible].[illegible]	8.7

TOTAL NUMBER OF OBSERVATIONS 545

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

1 2 STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | FEB MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.1	3.6	5.3	.9							15.0	9.3
NNE	.5	1.2	1.3	1.3								4.6	7.7
NE	.5	1.3	.6	.2								2.7	5.7
ENE	.4	.3	.4	.2								1.6	6.3
E	.5	.9	1.9	1.5	.1							5.1	8.8
ESE	.7	.3	1.3									2.3	5.7
SE	.4	2.5	1.3	.4								4.5	6.9
SSE	.7	1.4	1.3	1.2	.1							4.7	7.7
S	.9	1.3	3.8	3.9	1.2							11.1	10.2
SSW	1.2	1.3	2.1	1.7	.4							6.6	6.7
SW	.[illegible]	3.4	.6									5.3	4.3
WSW	1.1	2.1	.8	.1								4.1	5.2
W	.3	1.1	.2									.1	4.3
WNW	1.1	.5	.8	.2								2.6	5.8
NW	.9	3.1	.9	.8		.1						5.9	6.6
NNW	.7	.9	1.9	1.5	.4	.1	.1					5.9	9.5
VARBL													
CALM												15.4	
	14.2	25.8	22.8	13.5	3.7	.2	.1					100.3	6.6

TOTAL NUMBER OF OBSERVATIONS 845

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,74-75	FEB

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	3.8	4.6	.7	.3	.0					14.7	9.9
NNE	.7	1.1	1.6	.9	.1	.0						4.5	8.2
NE	.5	1.0	.7	.4								2.5	6.7
ENE	.3	.7	.5	.4								2.0	7.1
E	.7	1.0	1.6	1.1	.2							4.5	7.8
ESE	.4	1.1	.9	.4								3.0	6.7
SE	.5	1.5	1.2	.5	.1	.0						3.3	7.4
SSE	.4	1.0	1.3	1.3	.1	.0						4.2	9.2
S	.9	1.6	3.4	3.8	.8	.1						10.6	10.1
SSW	.7	1.4	1.9	2.6	.6	.1						7.3	9.6
SW	.7	1.2	1.0	.9	.3	.1						4.1	7.4
WSW	.7	1.1	.7	.3	.0							2.8	6.1
W	.3	1.3	1.1	.3								3.5	6.2
WNW	.7	1.0	1.4	.6	.0							3.6	7.1
NW	1.4	2.2	2.2	1.8	.5	.2						8.4	8.6
NNW	1.2	1.5	2.8	3.3	1.1	.4	.0					10.3	10.5
VARBL													
CALM												1.2	
	12.4	21.6	26.1	23.5	5.0	1.2	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6766

L[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES F.B. KS	63-74,74-75	MAR

CLASS: ALL WEATHER

HOURS (L.S.T.): 0000-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	3.3	3.2	.8							1.2	9.4
NNE	.6	.5	2.2	1.8	.3	.1						5.6	7.5
NE	.3	1.2	.4	.5								2.5	6.3
ENE	.5	1.0	.6	.1								2.3	5.5
E	1.2	1.1	.9	.4								3.6	5.9
ESE	.9	1.1	.8	.2	.2	.1						3.2	6.9
SE	1.0	3.2	2.0	1.0								7.2	6.7
SSE	.6	2.3	1.8	1.2	.5	.3						6.6	9.2
S	.4	1.9	1.8	3.6	1.5	.9	.2					10.4	12.8
SSW	1.6	1.8	1.4	3.2	.9							8.9	9.2
SW	.5	.8	.5	.5	.3							2.7	8.5
WSW	.6	1.1	.2	.1								2.0	5.1
W	.6	.5	.4	.1	.3	.1	.1					2.3	9.1
WNW	.8	.8	1.4	1.0	.3							4.2	8.7
NW	1.2	1.2	2.2	2.2	.8	.3	.1					7.9	10.2
NNW	1.0	1.2	1.6	1.9	.5	.2						6.5	9.9
VARBL													
CALM												13.8	
	12.9	21.5	21.6	21.1	6.5	2.0	.5					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,74-75	MAR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.5	2.6	3.4	.9	.1						11.2	9.3
NNE		.3	1.8	1.1		.2						3.9	9.8
NE	.3	1.1	1.4	.4								3.1	7.3
ENE	.5	.9	.6	.2								2.3	6.1
E	.5	1.0	1.1	.3	.1							3.0	7.0
ESE	.5	1.2	.9									2.6	5.5
SE	1.5	2.4	1.8	.8	.2	.2						6.9	7.0
SSE	1.3	1.6	.9	1.6	.4	.3						6.1	8.9
S	1.5	2.3	2.2	3.2	.6	1.5	.3					11.6	11.4
SSW	1.1	.9	2.3	3.4	.3							8.0	9.7
SW	.9	2.0	.4	.5								3.9	5.6
WSW	.2	.8	.1	.1								1.2	5.7
W	.5	.3	.2	.3	.2	.3						2.5	9.1
WNW	1.0	1.0	1.9	.9		.1						4.5	7.6
NW	1.2	1.3	2.6	2.4	.4	.4						8.3	10.0
NNW	.9	1.4	1.9	2.5	.5							7.2	9.5
VARBL													
CALM												13.[illegible]	
	13.6	21.5	22.7	21.2	3.8	3.2	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 932

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

13___ (STATION) FORBES FLD KS (STATION NAME) 63-70,74-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	3.7	2.4	1.1	.2						10.2	9.6
NNE	.3	.3	2.0	1.3								4.4	9.0
NE	.2	.3	1.9	.4								3.2	7.6
ENE	.4	1.1	1.2	.2								2.9	6.3
E	.9	.6	.5	.8	.3							3.1	8.0
ESE	1.0	.9	.6	.8	.1							3.3	7.0
SE	.2	2.7	2.3	1.1								6.9	6.3
SSE	.6	1.7	1.0	.9	.5	.2						4.9	9.2
S	.8	1.9	3.3	3.3	2.2	.6						12.2	11.3
SSW	.9	1.2	.6	1.8	.6	.1						5.3	10.1
SW	.4	1.3	1.1	.4	.2							3.4	7.5
WSW	.3	.9	.1	.2								1.5	4.5
W	.9	1.0	.9	.5	.2		.1					3.5	8.2
WNW	.6	1.5	1.1	.6	.1	.1		.1				4.2	8.4
NW	1.1	1.1	2.8	2.9	.8	.5						9.1	10.7
NNW	.5	1.3	2.4	3.3	.6	.4						8.6	11.0
VARBL													
CALM												12.6	
	11.4	20.3	25.5	21.0	6.8	2.3	.1	.1				100.0	8.0

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)

STATION	STATION NAME	YEARS	MONTH
2	FORBES FLD KS	63-73,74-75	MAR

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	1.3	4.5	5.5	1.5	.4						13.1	11.9
NNE	.1	.5	2.9	1.5								5.1	9.5
NE	.4	.3	1.6	.8								3.5	8.0
ENE	.1	.3	1.3	1.1								3.2	9.1
E	.5	1.4	.9	.6	.1							3.5	7.7
ESE	.4	1.5	1.4	1.3	.4							5.1	9.0
SE	.1	.3	1.2	1.5								3.5	9.5
SSE	.5	.9	.8	2.3	.3	.3	.1					5.2	11.4
S	.4	1.1	3.6	5.6	1.7	1.1	.2					13.8	13.2
SSW	.1	.4	2.3	3.4	.9	.9	.1					8.1	13.3
SW	.2	.6	1.5	2.0	.3	.4						5.2	11.3
WSW	.1	.5	.8	.3	.1							1.8	8.8
W	.2	.3	1.0	.9	.1	.1						2.6	10.2
WNW	.3	.8	1.1	1.4		.5						4.1	10.8
NW	.2	1.2	1.8	2.8	1.2	.6						7.8	12.5
NNW	.2	.9	2.7	5.8	1.6	.3						11.5	12.6
VARBL													
CALM												2.9	
	4.3	13.2	29.4	36.8	8.3	4.7	.4					100.1	11.0

TOTAL NUMBER OF OBSERVATIONS: 930

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]2 — STATION
FORBES FLD KS — STATION NAME
63-70,74-75 — YEARS
MAR — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.[illegible]	4.3	5.1	1.5	.1						1[illegible]	11.3
NNE	.1	.6	2.2	1.3	.5							4.7	10.5
NE	.4	.6	2.0	.1								[illegible].2	7.3
ENE	.3	.9	1.2	.8	.1							3.2	8.[illegible]
E	.5	.9	.6	.3								2.4	6.5
ESE	.1	.6	1.0	.9	.1	.2						2.9	10.3
SE	.4	1.3	1.5	1.5	.1	.1						4.9	9.5
SSE	.2	1.1	1.4	2.7	.9	.4	.3					7.[illegible]	12.8
S	.2	.3	1.7	5.4	1.6	1.5	.2					11.[illegible]	14.9
SSW	.2	.5	2.3	2.4	2.3	.9	.1					[illegible].6	14.3
SW	.1	.5	1.4	2.2	.9	.4						5.4	12.5
WSW	.3	.3	1.0	.5	.2	.3						2.7	11.[illegible]
W	.1	.8	1.8	1.8	.4							4.9	10.6
WNW		.9	1.1	1.5	.1	.3						3.5	11.4
NW	.1	.5	2.3	3.4	2.3	.5	.1					9.2	14.[illegible]
NNW		1.0	2.2	5.4	1.3	.8						1[illegible].5	13.1
VARBL													
CALM												2.[illegible]	
	3.3	12.7	27.8	35.2	12.2	5.6	.8					100.[illegible]	11.7

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

1 2 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	3.5	5.7	1.1							11.1	11.7
NNE	.1	1.1	1.9	2.4	.2							5.7	10.2
NE	.4	1.2	2.4	.5								4.5	7.6
ENE	.2	1.3	1.2	.3								3.0	6.5
E	1.2	1.5	1.5	1.0	.2							5.2	7.6
ESE	.2	.5	.6	.3	.1	.1						2.0	9.1
SE	.4	.2	.5	1.2		.2						2.5	11.1
SSE	.5	.6	2.5	2.4	.6	.8						7.4	11.7
S	.1	1.3	1.8	5.1	3.4	1.6	.1					13.4	14.9
SSW	.1	.6	1.7	1.4	1.0	.5						5.4	12.7
SW	.2	.2	1.3	1.4	.5	.2						3.8	11.9
WSW	.3	.5	1.2	1.4	.1	.6						4.2	11.9
W	.1	1.0	2.2	1.7	.1	.2						5.3	10.4
WNW	.2	.6	1.4	1.5		.3						4.1	10.6
NW	.3	1.0	2.4	4.5	1.5	1.0						10.8	13.0
NNW	.2	.9	1.5	5.2	1.2	.4						9.4	13.2
VARBL													
CALM												1.9	
	5.1	13.2	27.6	35.9	10.1	6.0	.1					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] AL CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] — STATION
FORBES FLD KS — STATION NAME
63-70,74-75 — 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	1.4	3.7	4.3	3.7	.8							[illegible]	[illegible]
NNE	.2	[illegible]	2.9	1.1	.4							[illegible]	9.4
NE	1.1	1.4	1.9	.3								4.7	6.3
ENE	.6	1.2	.2	.4								[illegible]	[illegible]
E	[illegible]	1.6	1.3	1.1	.1							[illegible]	6.5
ESE	.6	1.9	1.2	.2								[illegible]	5.9
SE	.3	2.2	1.5	.8	.5							[illegible]	[illegible]
SSE	.3	2.2	2.4	2.2	.3	.3						7.6	9.8
S	.5	1.3	2.8	4.7	1.7	.5	.2					[illegible]	12.2
SSW	.1	1.2	1.0	.6	.2							[illegible]	8.7
SW	.3	1.5	.5	.8	.1							3.2	7.4
WSW	.5	1.1	.6	.1	.1							[illegible]	[illegible]
W	.4	.8	.4	.6	.6	[illegible]	.1					3.2	11.8
WNW	1.0	.9	.2	.6	.1							[illegible]	7.2
NW	1.0	1.1	1.3	2.0	1.1	.2						[illegible]	[illegible]
NNW	.8	1.4	2.7	4.0	1.4	.4						[illegible]	11.4
VARBL													
CALM												[illegible]	
	11.3	24.0	25.3	23.2	7.5	1.7	.3					[illegible]	8.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

2 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR 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	1.8	2.3	3.3	3.1	1.2							11.7	7.2
NNE	.5	1.3	2.0	1.8	.5							6.2	9.1
NE	.1	1.1	1.2	.4								2.8	7.6
ENE	.6	.5	1.3	.2								2.7	6.8
E	1.2	1.2	1.2	.9								4.5	6.5
ESE	1.2	2.3	1.3	.6	.1							5.3	6.3
SE	1.4	2.6	1.0	1.2	.1	.1						6.3	6.8
SSE	.5	1.2	1.3	2.0	1.0	.1						6.1	10.5
S	.3	1.9	2.3	4.6	1.3	.4	.3					10.2	11.5
SSW	1.2	1.7	1.7	2.4	.2							7.2	8.4
SW	.4	.9	.2	.4	.1							2.0	7.3
WSW	.1	1.0	.3			.1						1.5	9.4
W	.3	.9	.4	.5	.1	.2						2.5	9.1
WNW	.3	.5	.4	1.0	.6	.1						3.0	11.9
NW	.6	2.2	1.3	1.2	.6	.1						6.2	9.2
NNW	1.2	1.1	2.0	3.5	1.4							9.4	10.4
VARBL													
CALM												11.1	
	12.5	21.8	21.8	24.0	7.3	1.2	.3					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | FORBES FLD KS STATION NAME | 63-7[illegible],74-75 YEARS | [illegible] 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.[illegible]	1.[illegible]	3.7	4.[illegible]	1.1	.1						11.[illegible]	10.[illegible]
NNE	.3	.[illegible]	2.2	1.5	.3	.[illegible]						[illegible].1	9.7
NE	.4	1.0	1.6	.4								[illegible]	7.3
ENE	.4	.9	1.0	.4	.0							2.[illegible]	6.9
E	1.[illegible]	1.1	1.0	.7	.1							[illegible].9	7.[illegible]
ESE	.6	1.2	1.[illegible]	.5	.1	.1						3.5	7.4
SE	.[illegible]	1.9	1.5	1.1	.1	.1						[illegible].5	7.[illegible]
SSE	.6	1.4	1.5	1.9	.6	.[illegible]	.1					6.4	1[illegible].[illegible]
S	.6	1.5	2.5	4.4	1.8	1.[illegible]	.2					1[illegible].[illegible]	12.[illegible]
SSW	.7	1.[illegible]	1.7	2.3	.8	.[illegible]	.0					[illegible].[illegible]	11.[illegible]
SW	.4	1.0	.[illegible]	1.0	.3	.1						3.7	9.4
WSW	.4	.[illegible]	.5	.3	.1	.1						2.2	6.1
W	.4	.7	.9	.8	.3	.1	.0					3.3	9.[illegible]
WNW	.5	.3	1.1	1.1	.2	.2		.0				3.[illegible]	9.5
NW	.7	1.2	2.1	2.7	1.1	.5	.0					[illegible].2	11.4
NNW	.6	1.1	2.1	4.0	1.1	.3						9.2	11.[illegible]
VARBL													
CALM												[illegible].1	
	9.3	18.5	25.2	27.3	7.8	3.3	.4	.0				[illegible].0	9.3

TOTAL NUMBER OF OBSERVATIONS 7439

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

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

2 (STATION) | PUEBLO FLD KS (STATION NAME) | 63-73,74-75 (YEARS) | AF- (MONTH)

ALL WEATHER (CLASS) | 0903-2200 (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	.4	1.0	1.3	2.1								5.3	9.7
NNE	.6	1.1	.9	.9								3.4	7.2
NE	.3	.7	.6	.6								2.1	7.1
ENE	.3	.6	.1	.8	.1							1.9	8.3
E	1.6	.9	2.3	1.3		.1						6.2	7.7
ESE	.3	2.2	1.9	2.0	.2							6.7	8.9
SE	1.6	2.0	2.9	1.9	.1	.1						8.3	7.9
SSE	.6	1.9	2.2	1.3	.9	.1						6.9	9.3
S	1.1	3.1	3.9	4.9	1.8	.2						15.4	10.4
SSW	1.6	1.7	.7	2.6	.7	.1						7.2	9.1
SW	.3	1.7	.4	.4	.1							3.2	6.7
WSW	1.0	.7	.6	.4								2.7	6.2
W	.6	1.1	.2	.7	.2	.2	.1					3.0	9.8
WNW	.3	1.6	.7	1.0	.1	.1						3.8	8.6
NW	1.2	1.1	1.0	1.1	.8							5.2	9.1
NNW	.7	1.6	1.0	1.6	.6							5.3	8.9
VARBL													
CALM												12.9	
	12.4	23.8	21.1	23.4	5.4	1.0	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES F.D KS	63-73,74-75	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 0300-0600

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	2.[illegible]	2.1	.1							[illegible]	[illegible]
NNE	.4	.[illegible]	.6	.6								[illegible]	[illegible]
NE	.3	1.2	.9	.2								[illegible]	[illegible]
ENE	.7	1.[illegible]	.4	.7	.2							[illegible]	[illegible]
E	.6	1.3	1.1	.9								3.9	7.1
ESE	.4	1.7	1.8	1.7	.2	.1						[illegible]	[illegible]
SE	1.2	2.9	2.6	2.1	.1	.1						[illegible]	[illegible]
SSE	.4	2.[illegible]	1.4	1.8	.3							[illegible]	[illegible]
S	1.[illegible]	2.3	4.[illegible]	4.9	1.3	.7						14.2	10.6
SSW	.4	1.6	2.[illegible]	3.1	.4							7.6	10.1
SW	.6	.7	.9	.3	.1	.1						[illegible]	[illegible]
WSW	.6	.4	.4	.4								[illegible]	[illegible]
W	.6	1.1	.6	.7	.1	.2						[illegible]	[illegible]
WNW	.3	.7	.6	.[illegible]	.2							[illegible]	[illegible]
NW	1.[illegible]	2.[illegible]	.9	1.[illegible]	.2							[illegible]	[illegible]
NNW	.2	.[illegible]	.9	2.9	.3							[illegible]	[illegible]
VARBL													
CALM												17.7	
	9.4	22.8	31.[illegible]	24.1	3.8	1.2						[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS: 900

[illegible] CLIMATOLOGY BRANCH
[illegible] USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	3.7	2.1	.1							7.9	9.2
NNE	.5	.7	.9	.6								2.7	7.3
NE	.6	.5	.6	.4								2.1	7.3
ENE	.7	.6	.7	.9								2.8	7.7
E	.5	1.0	1.3	1.3	.1							5.2	8.1
ESE	.3	1.7	2.9	1.7	.1							6.7	8.5
SE	.9	1.9	3.3	2.3	.1							8.5	8.4
SSE	.3	1.3	1.3	2.3	.4							6.2	9.5
S	1.2	1.3	3.4	6.2	2.0	.6						14.9	11.6
SSW	.1	1.7	1.6	4.0	.7		.1					8.1	11.0
SW	.7	.4	.6	.9		.1						2.7	8.7
WSW	.1	.7	.1	.4	.2	.2						1.3	11.3
W	.4	.7	1.0	.8		.1						3.0	8.4
WNW	.3	1.3	.7	.8	.2	.1						3.9	8.5
NW	.9	1.7	1.9	2.4	.3							7.2	9.2
NNW	.6	1.5	1.8	2.0	.2							6.3	8.8
VARBL													
CALM												1.3	
	2.6	19.3	28.1	29.2	4.6	1.1	.1					100.1	8.4

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

L 2 — STATION
FORBES FLD KS — STATION NAME
63-73,74-75 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	3.3	3.1	.1							7.0	10.0
NNE	.3	.8	1.3	1.1								2.5	9.5
NE	.2	.8	1.0	.5								2.0	8.2
ENE	.4	.3	.9	1.3								3.0	9.1
E	.8	1.6	1.0	1.7	.2							5.2	8.4
ESE	.3	.4	3.0	2.4	.3							6.9	9.9
SE	.2	1.1	2.1	2.4	.1							6.0	9.9
SSE	.2	.9	1.3	2.7	.8	.2						6.0	11.9
S	.3	.7	4.0	5.4	3.7	1.3						15.4	13.9
SSW	.1	.2	1.2	4.9	2.4	1.0	.1					10.0	15.2
SW	.3	.4	1.6	1.1	1.3	.4	.1					5.3	13.1
WSW	.2	.6	.2	1.0	.3	.1						2.4	11.6
W	.3	.6	.9	.8	.3	.1						3.0	1.3
WNW	.2	.3	1.4	1.2	1.4	.3						5.0	13.1
NW	.1	1.1	2.6	2.3	.7	.2						7.0	11.0
NNW	.4	.9	2.6	4.0	.9							8.8	11.4
VARBL													
CALM												1.0	
	5.1	11.7	28.4	36.3	12.7	3.8	.2					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] 2 (STATION) FORBES FLD KS (STATION NAME) 63-70,74-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	2.6	2.7	.3							[illegible]	9.8
NNE	.4	.7	1.6	2.0	.2							4.9	10.4
NE	.2	1.1	.8	.3	.1							2.5	7.4
ENE	.2	.4	.8	.7								2.1	9.1
E	.3	1.1	2.0	2.1	.2							5.8	9.6
ESE	.3	.3	2.9	2.9	.1							6.6	10.3
SE	.2	.7	2.9	1.9	.2	.1						6.0	9.7
SSE	.6	.8	1.4	1.3	.8	.7						5.6	12.5
S	.2	.4	1.8	6.1	5.4	1.7	.2					15.9	16.1
SSW	.1	.6	1.0	3.7	2.0	1.7	.1					9.8	15.3
SW	.1	.2	.8	1.4	1.4	.6	.1					4.7	14.7
WSW		.4	.3	1.1	1.0	.6						3.4	15.3
W	.3	.6	1.6	1.0	1.1	.6						6.1	12.5
WNW	.2	.3	.8	1.8	.7	.1						3.9	12.6
NW		.4	2.0	3.6	1.0	.3						7.3	13.0
NNW	.2	1.3	2.1	4.2	.8	.4						9.1	11.6
VARBL													
CALM												1.2	
	4.3	10.2	25.2	36.8	15.4	6.3	.4					[illegible]	12.3

TOTAL NUMBER OF OBSERVATIONS 900

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

L AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 2	FORBES FLD KS	63-70,74-75	A[illegible]

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	2.4	3.1	.1	.3						[illegible]	9.9
NNE	.3	1.6	1.9	1.1								4.9	7.6
NE	.7	1.0	.7	.2	.1							2.7	6.2
ENE		.4	1.3	.4	.1							2.3	9.3
E	.4	1.3	2.3	1.9	.1							6.1	9.0
ESE	.1	1.0	1.6	2.3	.3							5.3	10.5
SE	.4	.9	2.3	2.1								5.7	9.2
SSE	.3	.9	1.3	3.0	1.4							7.0	12.0
S	.1	.2	1.8	5.4	4.0	1.9	.2					13.7	16.2
SSW		.1	1.7	2.6	2.7	1.0	.2					8.2	16.0
SW		.6	.6	2.2	1.3	.6	.1					5.3	15.1
WSW	.3	.2	1.2	1.0	.9							3.7	11.7
W	.2	.1	.8	2.3	.6	.4	.1					4.6	14.1
WNW		.4	1.3	2.1	.6	.3						4.5	12.7
NW		.6	2.2	2.9	1.4							7.1	12.3
NNW	.3	1.0	2.6	3.7	.8	.2						8.6	11.3
VARBL													
CALM												1.9	
	4.2	11.6	26.0	36.4	14.4	4.8	.7					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 900

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

L AL CLIMATOLOGY BRANCH
[illegible]LTAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]2 (STATION) FORBES FLD KS (STATION NAME) 63-70,74-75 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	2.9	2.2		.4						[illegible]	9.[illegible]
NNE	.7	1.1	.5	.4								[illegible]	5.6
NE	1.1	.9	.7	.2	.2	.1						[illegible]	5.6
ENE	.8	1.3	1.3	.4	.3							3.9	7.7
E	1.2	1.7	1.9	1.0	.1	.1						[illegible]	7.4
ESE	.3	1.2	2.1	1.7	.1							5.9	8.1
SE	.8	2.1	1.4	1.8	.2							6.4	8.4
SSE	.4	2.1	3.0	4.5	.2							10.3	10.1
S	.7	2.3	2.2	4.5	2.3	.8	.1					12.9	12.5
SSW	1.0	1.3	1.3	2.1	.2	.1						6.6	9.3
SW	.2	.6	1.0	1.4	.2							3.5	10.2
WSW	.7	1.1	.4	.3	.2	.6						3.3	11.3
W	.3	.9	1.3	.1		.1						2.7	7.3
WNW	.3	1.1	.4	1.0	.1							3.3	7.9
NW	.3	1.7	1.6	2.1	.3	.1	.1					6.7	9.5
NNW	.5	1.9	1.6	2.8	.6	.1						7.4	10.0
VARBL													
CALM												5.7	
	12.1	22.6	24.1	26.6	5.2	2.5	.2					100.1	8.7

TOTAL NUMBER OF OBSERVATIONS 897

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

...L PAL CLIMATOLOGY BRANCH
...LTAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...2 (STATION) FORBES FLD KS (STATION NAME) 63-70,74-75 (YEARS) AP... (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	1.3	1.2	1.4	2.7	.4							7.4	9.2
NNE	.5	.9	1.0	.3	.1							2.9	7.5
NE	.6	1.4	.4	.4								2.9	6.3
ENE	.5	1.4	.4	.6	.1							3.1	7.2
E	1.3	1.9	1.9	2.3	.1	.1						7.7	8.1
ESE	2.0	1.1	2.0	1.2	.2							6.6	7.2
SE	.5	3.2	1.6	1.4								6.7	7.2
SSE	.7	1.7	1.7	2.6	.6							7.1	9.6
S	1.1	2.8	3.3	5.2	2.2	.8	.1					15.6	11.6
SSW	.2	2.0	1.9	.7	.3							5.7	7.4
SW	.6	3.6	.6		.1		.1					4.9	5.9
WSW	.9	1.0	.2	.7	.1	.4						3.3	9.2
W	.8	1.2	.3	.1			.2	.1				2.8	8.1
WNW	.9	.7	1.0	.6	.1							3.2	7.4
NW	.7	2.0	.9	1.6								5.1	7.8
NNW	.9	1.6	.6	.9	.3							4.1	5.1
VARBL													
CALM												10.7	
	13.7	28.3	19.3	21.3	4.8	1.3	.4	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 897

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... 2 (STATION) FORBES F.D KS (STATION NAME) 63-74,74-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	2.5	2.5	.2	.1						7.5	9.3
NNE	.5	1.2	1.1	.9	.3							3.5	7.5
NE	.5	1.0	.7	.4	.1	.0						2.5	6.9
ENE	.5	.8	.7	.7	.1							2.8	8.1
E	.3	1.3	1.8	1.6	.1	.0						5.7	8.2
ESE	.6	1.3	2.3	2.3	.2	.0						6.3	9.4
SE	.7	1.8	2.4	2.0	.1	.0						7.1	8.4
SSE	.5	1.4	1.7	2.4	.7	.1						6.9	10.3
S	.7	1.7	3.1	5.3	2.8	1.0	.1					14.7	12.9
SSW	.5	1.1	1.5	2.9	1.2	.4	.1					7.8	12.1
SW	.3	1.2	.8	1.0	.6	.2	.1					4.2	10.9
WSW	.5	.6	.4	.7	.3	.2						2.8	10.6
W	.4	.5	.8	.8	.3	.2	.1	.0				3.4	10.4
WNW	.4	.9	.9	1.2	.4	.1						3.8	11.3
NW	.6	1.3	1.6	2.1	.6	.1	.0					6.4	10.1
NNW	.5	1.3	1.6	2.8	.6	.1						6.9	10.4
VARBL													
CALM												7.9	
	8.9	18.7	23.9	29.3	8.3	2.8	.3	.0				100.2	9.4

TOTAL NUMBER OF OBSERVATIONS 7194

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

... | FORBES FLD KS | 63-70,73-74 | MAY
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	.5	.5	1.9	1.0	.2							4.2	5.6
NNE	1.1	1.2	1.2									3.2	5.2
NE	1.2	1.5	.7	.3								3.7	5.5
ENE	1.1	.2	1.1	.1								2.5	5.7
E	.9	1.2	.5	.4								3.2	6.1
ESE	1.1	1.9	1.1	.2								4.3	5.7
SE	1.7	3.1	1.3	.6	.4	.1						7.3	6.7
SSE	1.3	2.2	3.0	1.2	.1							7.7	7.3
S	1.3	2.3	5.3	6.0	2.5	.7						17.6	11.9
SSW	1.3	2.3	4.5	3.8	.2							12.6	8.7
SW	.5	1.4	.6		.1							2.7	5.5
WSW	.9	1.3	.2	.2	.1							2.7	5.2
W	.7	1.3	.6	.1								2.9	5.2
WNW	.9	.5	1.0	.1								2.5	6.2
NW	1.2	1.4	1.4	1.2	.1							5.3	7.5
NNW	1.3	1.2	1.0	.5	.1							3.9	6.6
VARBL													
CALM												13.0	
	16.2	23.9	25.6	15.8	3.9	.4						100.0	6.6

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)

13732 STATION | FORBES F.B. KS STATION NAME | 63-70,73-74 YEARS | MAY 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	1.6	1.9	2.2	1.1	.1							6.9	7.2
NNE	.3	.8	1.2	.1								2.4	7.2
NE	.6	.8	.6	.2								2.3	6.2
ENE	.6	1.2	.4	.1								2.4	5.2
E	.9	1.2	1.1	.5								3.7	6.6
ESE	1.2	1.5	1.2	.3								4.2	6.2
SE	.9	3.9	2.2	1.1								8.2	6.7
SSE	1.2	1.6	1.6	1.7	.4							6.6	8.1
S	1.7	2.4	4.9	7.3	1.3	.1						17.7	10.2
SSW	.5	1.5	3.2	2.6	.6	.3						8.9	10.1
SW	1.3	1.1	1.0	.5	.1							4.3	6.3
WSW	.2	.9	.6	.1								1.8	6.2
W	.8	.4	.3									1.4	4.4
WNW	.9	1.2	1.4	.9								4.3	7.1
NW	1.3	2.3	1.5	.9	.1							6.4	6.5
NNW	1.2	1.9	.8	.3		.1						3.3	6.5
VARBL													
CALM												14.2	
	18.3	23.3	24.2	17.7	2.7	.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2	FORBES FLD KS	63-70,73-74	MAY

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	2.4	2.[illegible]								7.[illegible]	[illegible]
NNE	.5	1.3	.6	.4								[illegible]	5.3
NE	.5	1.[illegible]	1.2	.2								[illegible]	6.7
ENE	.4	[illegible]	1.4	.1								2.7	[illegible]
E	.6	1.[illegible]	1.5	1.0								4.1	7.7
ESE	.3	1.4	.3	.5								3.4	6.2
SE	.5	1.6	2.2	1.1								5.4	7.6
SSE	1.4	1.4	2.4	2.7	.2							[illegible]	[illegible]
S	1.1	1.[illegible]	5.4	7.8	1.9							18.1	10.[illegible]
SSW	.4	1.5	2.4	3.5	.9	.4	.1					[illegible]	11.4
SW	.6	.6	.9	.4								2.6	7.3
WSW	.5	1.3	.5	.2								[illegible]	5.4
W	.6	.5	1.0	.3								[illegible]	6.4
WNW	.8	1.2	.5	.8								[illegible]	6.7
NW	1.[illegible]	1.4	2.5	2.2	.3							7.3	[illegible]
NNW	1.[illegible]	1.5	1.5	1.3		.2	.1	.1				[illegible]	[illegible]
VARBL													
CALM												11.[illegible]	
	12.2	19.9	27.0	25.2	3.2	.6	.2	.1				[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

...RAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...P — STATION
FORBES FLD KS — STATION NAME
63-72,73-74 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	3.3	2.9								.8	7.3
NNE	.3	.4	1.5	.5								3.1	7.6
NE	.2	.3	1.6	.2								2.4	6.5
ENE	.2	.5	1.3	.4								.2	5.1
E	.2	1.2	2.3	1.6								5.9	8.2
ESE	.4	.7	1.7	.9								3.6	6.3
SE	.1	1.3	2.0	1.6								5.6	6.5
SSE	.1	.3	1.5	1.9	.3							3.7	11.7
S	.4	1.4	3.9	5.2	4.2	.5						19.4	12.9
SSW	.5	.9	2.4	5.6	2.4	.6						12.4	13.2
SW	.1	.9	2.2	2.0	.9	.1	.1					6.2	11.1
WSW	.2	1.3	1.8	.6		.1						3.3	5.5
W	.9	1.2	.4	.5								2.3	6.2
WNW	.2	1.3	.6	.9	.2							2.9	7.1
NW	.8	1.3	2.3	2.0	.5							6.6	9.6
NNW	.4	.3	3.9	2.2	.2	.3						7.6	9.3
VARBL													
CALM												3.1	
	7.0	15.5	31.9	32.2	8.5	1.7	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS x23

L AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	MAY

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	3.6	2.7	.1							[illegible]	9.2
NNE	.4	.5	1.6	.8								[illegible]	5.2
NE	.2	1.5	1.5	.5								3.[illegible]	7.2
ENE	.1	.[illegible]	.9									1.5	6.9
E	.3	1.5	1.9	.6								4.4	7.4
ESE	.1	.[illegible]	1.4	.8								3.1	8.6
SE	.3	.5	2.4	1.8	.4							[illegible].5	10.5
SSE	.1	.[illegible]	2.[illegible]	2.6	.8	.1						[illegible].4	11.3
S	.9	1.3	3.6	8.3	4.1	1.2						1[illegible].3	13.5
SSW	.4	.5	2.2	6.2	2.4	.2						11.9	13.2
SW	.2	.5	.8	1.1	.3	.4						[illegible]	13.1
WSW	.1	1.1	1.8	.4	.3	.1	.2					4.1	10.5
W	.6	1.2	1.3	.2	.1	.1						3.6	7.3
WNW	.7	1.1	1.6	.5	.1							3.7	6.1
NW	.6	1.6	3.1	1.0	.2	.1						6.7	8.2
NNW	.2	1.2	3.[illegible]	2.0	.3	.4						7.2	10.7
VARBL													
CALM												3.[illegible]	
	5.4	16.9	32.6	29.6	9.6	2.7	.2					1[illegible]	10.3

TOTAL NUMBER OF OBSERVATIONS 929

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	3.8	2.4	.1							[illegible].7	8.6
NNE	.[illegible]	.[illegible]	2.2	.4								[illegible].4	7.8
NE	.1	.[illegible]	1.9	.1								2.9	7.6
ENE	.4	.[illegible]	1.3	.3								2.9	6.9
E	.2	1.[illegible]	1.9	.4								4.3	7.1
ESE	.4	.9	1.3	.8								3.3	7.8
SE	.[illegible]	.5	2.2	1.5	.8							5.5	10.1
SSE	.[illegible]	1.4	2.2	2.8	.5	.2						7.6	10.6
S	.[illegible]	1.7	2.9	9.6	3.9	1.6						17.9	13.9
SSW	.1	.9	1.8	5.4	1.7							9.9	13.0
SW	.2	.9	.5	1.6	.6							[illegible].9	11.2
WSW	.3	.6	.5	.6								2.2	[illegible]
W	.9	1.4	1.0	.8	.2	.3						4.5	8.6
WNW	.4	.9	2.4	.5	.4							4.6	8.9
NW	.2	1.3	1.8	1.7	.3	.2						5.6	10.[illegible]
NNW	.5	1.[illegible]	3.2	2.3	.6							7.6	10.[illegible]
VARBL													
CALM												3.1	
	6.[illegible]	17.4	30.6	31.2	9.2	2.4						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

...AL CLIMATOLOGY BRANCH
...ETAC
...FATHER SERVICE/MAC

SURFACE WINDS

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

...2 (STATION) | FORBES FLD KS (STATION NAME) | 63-72,73-74 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 1800-2400 (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	1.1	1.7	3.2	1.3	.2							7.5	7.8
NNE	.6	1.5	1.6	.4	.1							4.4	6.3
NE	.5	1.2	1.4	.3	.1							3.5	6.7
ENE	.3	1.5	1.1	.2	.1							3.7	6.1
E	1.3	1.9	1.5	.4								5.1	5.9
ESE	.5	2.3	1.7	.1								4.5	5.9
SE	1.4	1.6	2.3	.9								6.1	6.9
SSE	.5	3.3	3.3	2.4	.3		.1	.1				10.1	8.7
S	1.2	2.8	5.3	8.1	3.0	.8						21.3	11.4
SSW	1.3	.8	1.6	1.6	.3							5.3	9.2
SW	1.1	1.3	.3	.2								2.6	4.9
WSW	.5	.9	.2	.3								1.9	6.2
W	1.3	1.5	.4	.4	.3							3.7	6.9
WNW	.5	1.4	.8	.4								3.1	6.5
NW	1.2	.8	1.1	1.0	.2							4.2	7.7
NNW	.5	1.7	1.5	1.0								4.9	7.3
VARBL													
CALM												5.5	
	14.3	25.5	27.3	19.0	4.7	.4	.1	.1				100.0	7.4

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)

STATION	STATION NAME	YEARS	MONTH
1 2	FORBES FLD KS	63-70,73-74	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 21.0-23.0

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2	1.5	1.3								4.3	5.2
NNE	.4	1.3	.8	.1	.1							2.7	6.4
NE	.4	1.5	1.1	.1	.1							3.2	6.5
ENE	.5	.5	.9									1.9	5.9
E	1.4	1.2	1.0	.6								4.2	6.0
ESE	1.2	3.1	1.3	.2								5.8	5.4
SE	1.3	2.5	1.8	1.1								7.1	6.3
SSE	.3	4.1	4.7	2.2	.5	.3						12.6	8.6
S	1.2	2.6	5.9	6.6	1.7	.4						18.4	10.6
SSW	1.9	2.6	1.7	1.0	.1							7.3	8.3
SW	1.3	1.4	.3									3.0	4.0
WSW	.4	.5	.1	.2								1.3	5.3
W	1.1	1.4	.5	.1	.1							3.2	5.2
WNW	.5	1.1	.6	.6								2.9	6.9
NW	1.3	.5	1.0	.3								2.9	6.2
NNW	.6	.9	1.4	.8	.1							3.8	7.7
VARBL													
CALM												15.5	
	14.9	26.3	24.6	15.2	2.8	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

2	FORBES FLD KS	63-73,73-74	MAY
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	.5	1.0	2.7	1.9	.1							7.3	6.5
NNE	.5	1.0	1.3	.3	.0							3.2	6.9
NE	.6	1.1	1.3	.3	.0							3.2	6.6
ENE	.5	.8	1.0	.2	.0							2.5	6.4
E	.8	1.4	1.5	.7								4.4	6.3
ESE	.7	1.6	1.3	.5								4.1	6.6
SE	.6	2.0	2.0	1.2	.2	.0						6.3	7.6
SSE	.7	1.9	2.5	2.2	.4	.1	.0	.0				7.8	7.1
S	1.2	2.0	4.6	7.7	2.8	.6						18.3	11.5
SSW	.8	1.4	2.5	3.7	1.1	.2	.0					9.7	10.9
SW	.7	1.2	.8	.7	.3	.1	.0					3.5	8.7
WSW	.4	.9	.7	.3	.1	.0	.0					2.6	7.4
W	.3	1.1	.7	.3	.1	.1						3.1	6.6
WNW	.6	1.0	1.1	.6	.1							3.4	7.5
NW	.9	1.3	1.8	1.3	.2	.0						5.6	6.2
NNW	.8	1.1	2.0	1.3	.2	.1	.0	.0				5.6	8.2
VARBL													
CALM												9.3	
	11.5	21.1	28.0	23.2	5.6	1.2	.1	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 7438

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)

13712 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JAN MONTH

ALL WEATHER CLASS | 0000-2400 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	1.1	1.2	.9	.3								3.5	3.6
NNE	.2	.1	.2	.3								1.4	3.5
NE	.4	1.4	.4	.2								.6	3.2
ENE	.6	.7	.6									1.3	3.6
E	1.9	1.3	.4	.2								3.6	4.2
ESE	1.6	1.7	.3	.9								4.4	5.5
SE	1.8	5.3	1.4	2.0	.2							10.8	6.7
SSE	1.7	2.9	4.6	2.8	.1							12.2	7.9
S	.2	2.4	5.6	5.9	1.2	.4						17.4	10.4
SSW	1.0	1.3	4.4	3.4	.1	.1						10.4	9.2
SW	.3	.7	.2	.6								1.8	7.3
WSW	.1	.7	.7									1.4	6.6
W	.3	.7				.1						1.1	6.3
WNW	.3	.2	.4	.2								1.2	7.5
NW	1.3	.9	.8	.2								3.2	5.5
NNW	1.7	.4	.9	.3	.3							3.7	6.7
VARBL													
CALM												19.5	
	15.2	21.7	23.4	17.4	2.0	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-72,73-74	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	.9	.6								2.9	6.6
NNE	.4	.7	.4	.1								1.7	5.6
NE	.2	1.2	.3	.3								2.1	6.9
ENE	.3	.9	1.0	.2								2.4	6.5
E	1.3	1.1	1.0		.1							3.6	5.3
ESE	1.6	1.9	1.0	.4								4.9	5.5
SE	2.3	2.2	.8	1.7	.4							7.4	7.1
SSE	1.3	3.7	4.6	1.7								11.2	7.3
S	1.9	3.4	5.8	5.3	1.2	.3	.1					18.1	9.9
SSW	.9	1.7	4.3	2.2	.3	.1						9.6	8.8
SW	.4	1.2	.9	1.1	.1							3.6	8.2
WSW	.3	.7	.2	.1								1.3	5.6
W	.4	.6	.4	.1		.1						1.7	6.3
WNW	.4	.6	.6									1.5	5.1
NW	1.4	2.0	.2	.7								4.3	5.1
NNW	1.0	1.1	.4	.4								3.0	5.9
VARBL													
CALM												20.7	
	14.9	23.8	22.8	15.0	2.2	.6	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 906

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13 2 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
JAN — 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	1.9	1.7	1.6	.8								5.2	5.1
NNE	.9	1.1	1.0	.2								2.2	5.5
NE	.4	.9	1.0	.3								2.7	6.8
ENE	.7	1.1	1.0	.1								2.6	6.1
E	.8	.8	1.6	1.0								4.1	7.6
ESE	.7	1.3	1.7	.6	.1							4.3	7.2
SE	1.9	1.4	1.4	.2	.1	.1						5.2	5.8
SSE	1.5	3.0	3.3	2.2	.6							10.7	6.5
S	1.0	2.9	6.8	6.3	2.1	.3						19.4	10.7
SSW	.9	2.0	3.4	3.2	.7	.2						10.4	9.9
SW	.9	1.2	2.0	1.6		.1						5.8	8.5
WSW	.3	.9	.4	.1								1.5	5.5
W	.5	.8	.3									1.7	4.7
WNW	.1	.3	.4	.2								1.5	6.9
NW	.9	1.2	1.1	.7								3.9	6.7
NNW	1.4	1.1	.7	.7								3.9	5.9
VARBL													
CALM												13.5	
	14.6	21.6	27.8	18.2	3.6	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	1.9	.9	.1							5.4	7.1
NNE	.7	.8	1.3	.8								3.6	7.9
NE	.6	1.1	1.2	.3								3.2	6.6
ENE	.3	1.0	2.0	.6								3.9	7.6
E	.7	1.7	1.6	.3								4.2	6.5
ESE	.2	.9	1.0	1.2								3.3	8.6
SE	.7	1.7	2.1	1.1	.3							5.9	6.4
SSE	.6	1.4	3.2	3.3	.7							9.2	10.0
S	1.0	2.4	5.2	10.4	3.4	.2						22.8	11.7
SSW	.7	1.4	3.8	4.7	1.3	.4						12.3	11.6
SW	.4	.3	2.2	3.8	.3							7.6	11.0
WSW	.2	.8	1.4	.8								3.2	8.0
W	.4	.9	.2	.3								1.9	6.1
WNW	.1	.4	.7	.1								1.3	7.6
NW	.2	1.0	1.3	.9								3.4	8.4
NNW	.7	1.1	1.9	1.0	.1							4.8	8.1
VARBL													
CALM												3.9	
	8.4	19.0	31.1	30.6	6.3	.7						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

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)

1002 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	3.1	1.1								5.4	8.2
NNE	.7	1.1	1.5	.6								4.5	6.9
NE	.7	1.6	.8	.2								3.2	5.8
ENE	.3	1.2	1.3	.6								3.4	7.3
E	1.0	1.7	2.2	.4								5.3	6.8
ESE	.3	.9	1.7	.7								3.6	8.3
SE	.7	.6	1.8	.7	1.2	.1						4.7	11.6
SSE	.9	1.2	2.6	3.1	.8							8.6	10.0
S	1.1	1.7	5.8	11.7	3.7	.8	.3					25.0	12.5
SSW	.2	.8	3.6	6.3	1.3							12.2	11.9
SW	.6	.4	2.6	2.4	.3	.1						6.4	10.9
WSW	.2	.4	.9	.8								2.3	9.1
W	.6	.2	.6	.4								1.8	7.4
WNW	.2	.4	.1	.4	.1							1.3	8.5
NW	.3	.5	1.9	1.4	.2							4.7	9.4
NNW	.2	1.3	1.7	1.1	.1							4.4	9.7
VARBL													
CALM												3.0	
	5.2	15.7	32.0	32.0	7.8	1.0	.3					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...2 (STATION) FORBES FLD KS (STATION NAME) 63-70,73-74 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	2.8	1.1								...4	8.3
NNE	.1	1.3	2.2	1.0								4.7	8.1
NE	.6	1.4	1.0	.2								...2	6.1
ENE	.7	1.4	1.2	.2								3.2	6.1
E	.5	1.9	2.3	.4								5.2	6.9
ESE	.7	1.9	1.7	1.2								5.4	7.7
SE	.2	.3	2.6	.8	.9	.2						5.4	11.1
SSE	.6	1.8	3.0	4.2	1.1	.3						11.0	11.2
S	.2	1.9	5.3	11.3	3.9	.8	.1					23.4	12.2
SSW	.1	.9	4.0	5.0	1.1	.2		.1				11.4	11.9
SW	.2	.8	1.3	2.3	.2							4.9	10.3
WSW	.4	.4	.6	.2								1.7	6.9
W	.4	.4	.4	.6	.1							2.0	8.3
WNW	.3	.9	.2	.9	.1							2.4	8.8
NW	.1	.7	1.4	.8								3.0	8.4
NNW	.3	.6	2.0	1.2								4.1	8.9
VARBL													
CALM												3.3	
	5.6	18.2	32.1	31.6	7.4	1.6	.1	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

L-2 (STATION) FORBES FLD KS (STATION NAME) 63-70,73-74 (YEARS) JUL (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	1.2	1.6	1.3	.6								4.7	5.2
NNE	.7	.9	.7	.4								2.7	5.4
NE	1.6	1.2	.9	.2								3.9	5.3
ENE	1.9	1.3	1.2	.4								4.9	5.3
E	2.1	2.4	1.1	.3								5.9	4.9
ESE	1.7	2.7	1.2	.8								6.3	5.5
SE	.9	3.4	3.2	1.2	.4							9.2	7.6
SSE	1.8	2.8	6.6	4.1	.7							16.1	9.2
S	1.4	3.3	6.3	9.2	1.6	.6	.1					22.3	11.1
SSW	.2	.4	3.1	2.1	.1							5.9	10.1
SW	.3	.6	.2	.4	.1							1.7	7.3
WSW	.2	.6	.1									.9	4.3
W	.4	.2		.3								1.0	6.2
WNW	.2	.9	.4	.6								2.1	7.6
NW	.3	1.2	.7	.2								2.4	6.2
NNW	.1	.7	.7	.2	.2							1.9	8.4
VARBL													
CALM												9.1	
	14.2	23.9	27.8	21.2	3.1	.6	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 929

L AL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.6	.3								3.1	5.4
NNE	.5	.3	.6	.4	.1							2.4	7.4
NE	.9	.4	.6	.2								2.1	5.9
ENE	.9	.7	.8	.2								2.4	6.1
E	3.2	1.7	.6	.2								5.7	3.8
ESE	2.1	2.1	1.2	1.0								6.4	5.6
SE	2.3	5.5	3.3	1.0								12.4	5.9
SSE	1.2	3.6	6.7	3.0	.3							14.8	8.2
S	.8	2.9	5.2	6.3	1.6	.6						16.3	10.5
SSW	.9	.8	2.4	3.0	.1							7.2	9.3
SW	.4	1.0	.2	.1								1.8	5.3
WSW	.4	.2										.7	3.3
W	.3	.2	.1	.4								1.1	7.7
WNW	.1	.1	.1	.7								1.0	10.2
NW	.6	.3	.2	.2								1.3	6.2
NNW	.2	.4	.7	.2	.1							1.7	8.3
VARBL													
CALM												17.4	
	16.0	22.1	24.2	17.4	2.2	.6						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

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

[illegible] CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WIND

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

[illegible] STATION — FORBES FLD KS STATION NAME — 63-70,73-74 YEARS — [illegible] MONTH

ALL WEATHER CLASS — ALL HOURS (L.S.

CONDITION

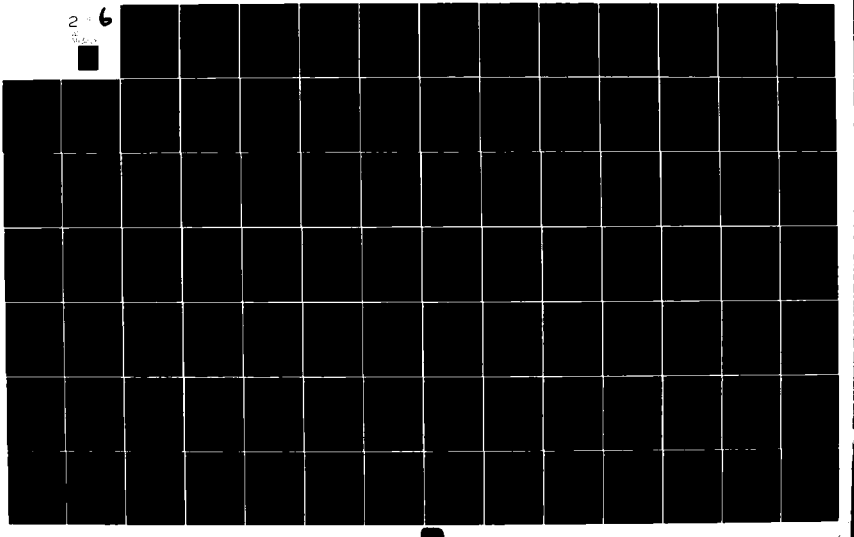
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPE
N	1.[illegible]	1.2	1.6	.7	.0							[illegible]	6
NNE	.5	.9	1.1	.5	.0							[illegible]	7
NE	.7	1.2	.8	.3								[illegible]	[illegible]
ENE	.6	1.0	1.1	.3								3.1	6
E	1.4	1.5	1.3	.4	.0							4.7	5
ESE	1.1	1.7	1.2	.8	.0							4.8	6
SE	1.3	2.7	2.1	1.1	.5	.1						7.6	7
SSE	1.1	2.5	4.3	3.1	.5	.0						11.5	8
S	1.0	2.5	6.0	8.3	2.3	.5	.1					[illegible]	11
SSW	.6	1.2	3.6	3.7	.6	.1		.0				10.0	10
SW	.5	.8	1.2	1.5	.1	.0						4.2	9
WSW	.3	.6	.5	.2								1.7	6
W	.4	.5	.3	.3	.0	.0						1.5	6
WNW	.2	.5	.4	.4	.0							1.6	7
NW	.7	1.0	1.0	.6	.0							3.3	7
NNW	.7	.8	1.1	.7	.1							3.4	7
VARBL													
CALM												11.3	
	12.1	20.7	27.7	22.9	4.3	.8	.1	.0				100.[illegible]	7

TOTAL NUMBER OF OBSERVATIONS [illegible]

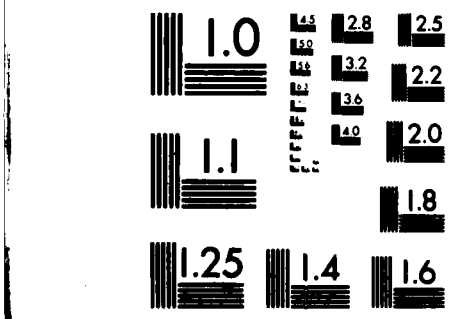
USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 226 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL



13226



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

USAFETAC GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1-2	FORBES FLD KS	63-70,73-74	JUL
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	1.4	1.5	.4	.3								3.7	4.9
NNE	.5	.5	.4	.2								1.7	5.6
NE	.6	.4	.1									1.3	3.5
ENE	.4	1.3	.5	.1								2.4	5.6
E	2.0	1.5	1.2	.1								4.8	4.7
ESE	2.0	2.8	1.3	.2								6.3	5.1
SE	2.4	5.4	2.9	.2								10.9	5.3
SSE	2.7	4.2	4.0	.3								11.5	5.8
S	1.9	5.3	10.3	2.7	.2	.1						20.5	7.9
SSW	.3	1.3	6.3	1.9		.2						10.1	9.0
SW	.3	.5	1.4	.6								2.9	8.3
WSW		.6	.1	.1								.9	5.8
W	.2	.2	.3									.8	5.6
WNW	.3	.2	.3									1.1	4.3
NW	.4	.8	.5	.2	.1							2.0	6.3
NNW	.3	.5	.1	.2								1.6	4.7
VARBL													
CALM												18.5	
	16.1	27.1	30.3	7.3	.3	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

LTL2 (STATION) FORBES FLD KS (STATION NAME) 63-70,73-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	.8	.2								4.0	5.2
NNE	.6	1.1	.4									2.2	5.3
NE	.4	.4	.5									1.4	5.5
ENE	1.1	.5	.4									2.0	4.2
E	1.5	1.6	.5	.2								3.9	4.7
ESE	1.0	3.0	.5	.1								4.6	4.8
SE	2.0	4.8	1.9									8.8	4.9
SSE	1.3	4.6	1.8	.3								8.1	5.4
S	1.3	5.7	9.6	2.4	.5	.2						19.7	8.3
SSW	.8	3.3	5.1	1.9								10.8	8.3
SW	.3	1.4	1.4	.5								3.7	7.1
WSW	.3	.3	.6									1.3	5.3
W	.4	.8	.5	.2								1.9	5.9
WNW	.5	.5	.3	.1								1.5	5.4
NW	.9	1.2	.5									2.5	5.0
NNW	1.1	1.2	.3									2.6	4.1
VARBL													
CALM												21.2	
	14.9	31.7	25.4	6.0	.5	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]2 (STATION) FORBES FLD KS (STATION NAME) 63-72,73-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.6	1.7	.1								3.7	6.1
NNE	.3	1.4	1.3	.1								3.1	6.1
NE	.8	.9	.9	.2								2.7	6.2
ENE	.6	.8	.6	.2								2.3	6.0
E	1.8	1.9	2.0	.2								6.0	.7
ESE	.8	2.0	1.0	.1								3.9	5.2
SE	1.7	3.7	1.7	.2	.1							7.0	5.7
SSE	.9	4.0	2.2	.6								7.6	6.2
S	1.1	4.0	9.6	4.3	.2							19.1	8.6
SSW	.6	2.3	6.0	3.2	.4							12.6	9.1
SW	1.3	1.0	1.5	.4								4.2	6.2
WSW	.3	1.1	.5	.3								2.7	5.7
W	.2	.5	.3									1.6	4.3
WNW	.2	.3	.5	.1								1.2	7.3
NW	.8	.8	.6	.1								2.3	5.3
NNW	.9	1.2	.9									2.3	5.2
VARBL													
CALM												17.0	
	13.7	27.3	31.0	10.3	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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)

13732 FORBES FLD KS 63-73,73-74 JUL
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	.6	2.4	1.6	1.1								5.7	7.1
NNE	.6	1.3	1.8	.3								4.1	6.6
NE	.6	1.3	1.3									2.9	5.0
ENE	.8	1.2	.9	.3								3.1	6.1
E	.8	1.8	2.7	.4								5.7	6.6
ESE	.3	1.8	2.5	1.0								5.6	7.4
SE	1.5	1.9	2.0	.6	.2							6.3	6.7
SSE	.3	1.9	3.3	.9	.1							6.6	7.7
S	1.4	2.5	7.6	6.8	.3							19.6	9.3
SSW	.6	1.6	5.2	7.4	1.5	.1						16.5	11.0
SW	1.0	1.7	3.7	2.0	.1							8.5	8.4
WSW	.5	1.3	1.1	.4								3.3	6.9
W	1.2	1.3	.4	.2								2.8	4.9
WNW	.3	.4	.6									1.4	5.7
NW	.6	.8	.9	.1	.1							2.5	9.5
NNW	.5	.2	.9	.2								1.9	6.6
VARBL													
CALM												4.9	
	11.8	22.5	36.5	21.8	2.4	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION	STATION NAME	YEARS	MONTH
1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	2.2	1.1								5.3	7.6
NNE	.5	2.4	1.6	.4								4.9	6.3
NE	.4	1.6	1.6	.1								3.8	6.5
ENE	.6	1.3	2.2	.1								4.2	6.7
E	1.2	2.2	2.6	.1								6.0	6.0
ESE		1.9	2.0	.5								4.5	7.5
SE	.5	1.9	2.0	.6								5.2	7.3
SSE	1.2	2.4	4.3	1.5								9.4	7.6
S	1.0	2.6	7.6	8.4	.9							20.4	10.1
SSW	.5	1.4	4.6	5.3	1.3	.5						13.7	11.4
SW	.1	1.9	3.1	2.4	.1							7.6	9.3
WSW	.5	1.2	.6	.1								2.5	5.3
W	.3	1.0	.9									2.2	5.8
WNW		.3	.1	.2								.6	7.8
NW	.1	1.2	1.3	.5								3.1	7.5
NNW	.4	1.2	.5	.5								2.7	7.0
VARBL													
CALM												4.0	
	8.1	25.9	37.3	21.9	2.3	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

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)

1352 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	2.9	1.1	.2							5.4	6.8
NNE	1.1	1.3	1.9	.1								4.4	5.8
NE	.8	2.5	1.9	.2								5.4	6.2
ENE	1.3	1.4	2.0	.1								4.8	6.0
E	.8	2.2	3.1	.9								6.9	7.1
ESE	.5	1.5	2.3	.5								4.8	7.3
SE	.9	3.1	2.7	1.0								7.6	6.8
SSE	.8	1.7	4.3	2.5	.3							9.6	9.0
S	.7	3.3	7.7	10.4	1.4	.2						23.4	10.7
SSW	.2	1.2	3.2	5.2	.5							10.3	10.9
SW	.2	.9	1.6	1.9	.1							4.7	9.8
WSW		.5	.4	.2								1.2	7.8
W	.4	.2				.1						.3	6.1
WNW	.4	.2	.2									.7	4.5
NW	.1	.2	.9	.3								2.2	7.3
NNW	.3	.9	1.6	.6								3.4	7.9
VARBL													
CALM												4.2	
	8.3	22.7	36.9	25.1	2.6	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	JUL

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	1.7									4.3	5.9
NNE	1.5	1.4	1.4	.1								4.4	5.2
NE	1.4	2.0	1.1	.1								4.6	4.9
ENE	.9	2.2	1.1	.2								4.3	5.6
E	4.2	3.3	2.3	.2								10.0	4.7
ESE	2.0	4.8	2.7	.6								10.2	5.6
SE	2.2	4.3	2.9	.3								9.7	5.6
SSE	1.4	5.3	5.6	1.4								13.7	6.9
S	1.1	3.0	8.9	5.7	.6							19.4	9.5
SSW	.5	1.3	3.2	1.2	.2							6.5	8.4
SW	.1	.3	.4	.1								1.0	7.2
WSW		.1	.1									.2	7.5
W	.1	.1										.2	3.5
WNW	.2	.1										.3	3.3
NW	.3	.3	.3	.1		.1						1.2	7.1
NNW	.2	.9	.3	.4								1.7	7.1
VARBL													
CALM												3.4	
	17.2	30.9	32.0	10.5	.9	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 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)

1362 STATION | FORBES F.D KS STATION NAME | 63-70,73-74 YEARS | JUL 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	1.2	1.6	1.2									4.0	5.3
NNE	1.5	.6	.4									2.6	3.9
NE	1.2	.9	.5									2.5	4.6
ENE	.8	.9	.4									2.0	4.5
E	3.0	3.2	1.0	.1								7.3	4.2
ESE	2.4	4.9	1.4	.2								8.9	4.7
SE	2.2	3.2	4.7	.1								10.2	5.5
SSE	1.6	4.4	4.1	.2								10.3	6.1
S	1.6	3.8	8.7	4.4	.4							18.9	8.8
SSW	.5	1.3	3.1	.9	.2							6.0	8.1
SW	.2	.3	.2	.1	.1							1.0	6.9
WSW	.2											.2	2.5
W	.2	.1	.1		.1							.5	7.6
WNW	.3	.8										1.1	3.7
NW	.4	.4	.1	.1								1.1	5.2
NNW	.4	.4	.1	.1		.1						1.2	6.6
VARBL													
CALM												17.2	
	17.7	31.7	26.1	6.2	.9	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1362 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 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	.9	1.6	1.6	.5	.2							4.8	5.5
NNE	.8	1.2	1.1	.2								3.4	5.7
NE	.8	1.2	1.0	.1								3.1	5.6
ENE	.8	1.2	1.0	.1								3.1	5.8
E	1.9	2.2	1.9	.3								6.3	5.4
ESE	1.1	2.9	1.7	.4								6.1	5.8
SE	1.8	4.2	2.6	.4	.2							8.8	5.6
SSE	1.2	3.6	3.7	1.0	.1							9.5	6.8
S	1.2	3.3	8.8	5.6	.6	.1						20.0	9.1
SSW	.5	1.7	4.6	3.4	.5	.1						10.8	9.8
SW	.4	1.0	1.7	1.0	.1							4.2	8.3
WSW	.3	.6	.4	.1								1.5	6.1
W	.5	.5	.3	.1	.0	.0						1.3	5.4
WNW	.3	.4	.3	.1								1.0	5.4
NW	.4	.3	.6	.2	.0	.0						2.1	6.4
NNW	.6	.8	.6	.3		.0						2.2	6.2
VARBL													
CALM												11.9	
	13.5	27.5	31.9	13.7	1.3	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

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
13972	FORBES FLD KS	63-70,73-74	AUG

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.3	1.6	.1								5.5	4.9
NNE	.8	.9	.8	.3								2.7	5.3
NE	.4	.8	.8	.2	.1							2.3	6.8
ENE	.5	1.1	.6	.1		.1						2.5	6.7
E	.6	1.4	1.5	.1	.1							3.8	6.4
ESE	2.3	2.8	.8	.1								5.9	4.4
SE	1.8	4.6	1.5									8.0	5.0
SSE	2.7	4.4	2.7	.3								10.1	5.3
S	1.4	4.8	7.3	4.7	.2							18.5	8.5
SSW	.6	3.0	5.1	2.9								11.6	8.4
SW	.3	.5	.4	.1								1.4	5.7
WSW	.4	.5	.1									1.1	4.4
W	.3	.1	.3	.1								.9	6.5
WNW	.4	.4	.2									1.1	4.7
NW	.6	.8	.4									1.8	4.6
NNW	.9	.6	.1	.1								1.7	4.3
VARBL													
CALM												21.2	
	16.7	28.1	24.2	9.3	.4	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 [illegible]2	FORBES FLD KS	63-70,73-74	AUG

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	1.3	1.7									4.3	5.2
NNE	.6	.9	1.2	.1								2.8	5.3
NE	.2	1.4	.5	.2								2.4	6.4
ENE	.6	1.3	.1									2.0	4.5
E	.8	1.4	.4	.1								2.7	5.0
ESE	.5	2.3	1.0	.2								4.0	5.6
SE	2.7	3.9	1.6	.2								8.4	4.9
SSE	2.3	3.2	1.1	.6								7.2	5.3
S	1.5	5.3	8.1	3.4								18.3	7.7
SSW	1.3	2.5	4.8	2.5								10.8	8.3
SW	.4	.8	.5	.6								2.4	7.1
WSW	.9	.5	.2									1.6	3.9
W	.6	.2	.6									1.5	5.0
WNW	.5	.5	.3									1.4	4.6
NW	.6	1.1	.1	.1								1.9	4.9
NNW	.9	.8	.5	.1								2.3	5.0
VARBL													
CALM												25.5	
	16.0	27.2	22.9	8.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 929

L HAL CLIMATOLOGY BRANCH
SAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	[illegible]

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.2	1.5	.4								4.0	6.7
NNE	.6	1.2	.8									2.6	5.4
NE	1.1	1.5	1.2									3.8	5.1
ENE	.9	1.7	.4	.1								3.1	4.6
E	1.1	2.0	.6	.3								4.1	5.3
ESE	1.3	1.2	1.6	.4								4.5	6.0
SE	2.2	4.2	2.4	.3								9.0	5.3
SSE	1.0	3.1	2.2	.6								6.9	6.3
S	2.3	4.7	6.2	5.4	.4							19.0	8.3
SSW	.5	2.6	4.3	3.4	.2							11.1	8.9
SW	.5	1.1	.8	.9								3.2	7.4
WSW	.8	.3	.2									1.3	3.3
W	.2	.4	.1	.1								.9	5.3
WNW	.2	.9	.5									1.6	5.9
NW	1.3	1.2	.4	.1								3.0	4.6
NNW	.6	1.3	.6	.1								2.7	5.4
VARBL													
CALM												19.2	
	15.4	28.6	23.9	12.3	.6							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

...L CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...2.	FORBES FLD KS	63-72,73-74	AUG

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	2.9	.5	.2							5.2	7.3
NNE	.5	.2	1.8	.5								3.0	7.5
NE	.6	1.1	2.2	.1								3.9	6.6
ENE	.9	1.2	1.0									3.0	5.4
E	1.1	2.4	2.9	.3								6.7	6.3
ESE	1.0	1.3	2.0	1.0								5.3	7.1
SE	1.3	1.4	1.3	.6								4.7	6.6
SSE	1.1	1.7	3.1	1.4	.1							7.4	7.9
S	1.4	3.5	7.4	5.2	1.4							18.9	9.4
SSW	.5	1.5	6.8	6.2	.5							15.6	10.3
SW	.5	1.9	1.7	2.3	.1							6.6	8.8
WSW	.4	.3	.9	.3								2.4	6.9
W	.6	1.0	1.0	.2								2.6	5.8
WNW	.2	.4	.3	.5								2.0	6.9
NW	.1	1.1	.6	.4								2.4	7.4
NNW	.2	.8	1.2	.4	.1							2.7	8.0
VARBL													
CALM												5.7	
	12.3	22.2	37.2	20.2	2.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13732 FORBES FLD KS 63-70,73-74 AUG
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	2.8	1.4	.1							6.5	7.8
NNE	1.2	1.2	2.2	.6								5.7	7.1
NE	.2	1.1	2.6	.5								4.4	7.7
ENE	.9	1.9	.9	.2								3.9	5.6
E	1.4	1.3	2.5	.5								5.3	6.2
ESE	.9	1.5	2.5	.9								5.7	7.3
SE	.6	1.9	2.6	.8	.1							6.0	7.6
SSE	.8	1.8	3.6	1.6	.1							7.9	8.4
S	.9	2.6	7.7	7.4	2.3							20.8	10.9
SSW	.6	1.3	4.2	5.1	.6							11.9	10.5
SW	.6	.8	2.3	1.9	.1							5.7	9.0
WSW	.2	.4	.9	.3								1.9	7.6
W	.3	.2	.9	.1								2.3	6.7
WNW	.2	.1	.5	.5								1.4	8.6
NW	.2	.2	.9	.4								2.4	6.2
NNW	.2	1.1	1.2	.8	.2							3.5	8.5
VARBL													
CALM												3.7	
	10.1	21.5	38.0	23.2	3.6							100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
72	FORBES FLD KS	62-70,73-74	AUG

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	3.0	1.5								6.8	8.3
NNE	.3	1.3	2.6	1.1								5.6	7.9
NE	1.5	1.9	1.6	.8								5.6	6.1
ENE	.6	1.3	1.1									3.0	5.5
E	1.2	3.4	3.1	.4								8.3	6.4
ESE	1.1	1.9	2.5	.9								6.4	6.8
SE	.3	3.3	2.4	1.0	.2							7.6	7.3
SSE	.3	1.6	4.2	2.8	.6							10.3	9.4
S	.5	1.2	7.9	7.8	2.6	.1						20.0	11.5
SSW	.1	.8	3.0	3.8	.2							7.9	10.6
SW	.1	.3	2.0	1.0	.3							3.8	9.8
WSW	.2	.4	.5									1.2	6.2
W	.3	.3	.3	.1								1.1	6.3
WNW	.1	.2	.6	.3								1.3	8.5
NW	.4	1.1	.5	.4								2.5	6.4
NNW	.3	.5	2.2	.6	.2							3.9	8.8
VARBL													
CALM												4.5	
	8.3	22.9	37.6	22.4	4.2	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1[illegible]20	FORBES FLD KS	63-70,73-74	AUG

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	1.2	1.2								6.1	6.5
NNE	1.1	2.2	2.0	.4								5.7	6.1
NE	1.5	1.9	1.4	.3								5.2	5.5
ENE	1.8	2.4	.9	.2								5.3	4.7
E	3.9	3.1	1.9	.3								9.3	5.0
ESE	2.6	4.3	1.6	.2								8.7	4.9
SE	2.4	4.6	3.1	.6								10.8	5.8
SSE	1.7	7.1	5.1	1.8								15.7	6.6
S	1.0	2.0	7.1	4.8	.3							15.3	9.5
SSW	.1	.8	1.2	.8								2.8	8.3
SW	.4	.1	.2	.2								1.0	6.3
WSW		.1										.1	5.0
W	.2	.5			.1							.9	6.4
WNW		.1	.2	.1	.1	.1						.6	13.0
NW	.2	.3	.2	.3								1.1	7.4
NNW	.4	.2	.8	.2								1.6	6.5
VARBL													
CALM												9.9	
	18.7	32.2	26.9	11.6	.5	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 929

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 22	FORBES FLD KS	63-70,73-74	AUG

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.7	1.1	.1								5.2	4.9
NNE	.2	1.7	.3									2.8	4.6
NE	1.0	1.1	.6	.1								2.8	4.7
ENE	.6	1.0	.3	.2								2.2	5.2
E	5.1	2.5	1.2	.3								9.1	4.2
ESE	2.0	3.9	2.2	.1								8.2	5.1
SE	4.2	7.7	2.0	.3								14.2	4.8
SSE	1.3	4.4	4.3	1.2								11.2	6.7
S	1.2	3.4	7.7	4.4	.4							17.1	8.8
SSW	.6	1.0	2.5	.6								4.7	7.5
SW	.1	.3	.5									1.0	6.6
WSW	.1	.1	.1									.3	5.7
W	.5	.2	.1	.1								1.0	4.6
WNW	.1	.1	.2	.1								.5	7.2
NW	.5	.6	.2	.1								1.5	4.9
NNW	.3	.5	.3	.1								1.3	5.5
VARBL													
CALM												16.9	
	20.8	30.3	23.7	7.9	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) FORBES FLD KS (STATION NAME) 63-70,73-74 (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	1.4	1.6	2.0	.7	.0							5.7	6.6
NNE	.7	1.4	1.5	.4								4.0	6.5
NE	.8	1.3	1.4	.3	.0							3.8	6.1
ENE	.9	1.5	.7	.1		.0						3.2	5.2
E	1.9	2.3	1.8	.3	.0							6.2	5.5
ESE	1.5	2.4	1.8	.5								6.1	5.8
SE	2.0	4.0	2.1	.5	.0							8.6	5.7
SSE	1.4	3.4	3.3	1.3	.1							9.6	7.0
S	1.3	3.5	7.4	5.4	1.0	.0						18.5	9.4
SSW	.5	1.7	4.0	3.2	.2							9.5	9.3
SW	.4	.7	1.1	.9	.1							3.1	8.3
WSW	.4	.4	.4	.1								1.2	5.7
W	.4	.4	.4	.1	.0							1.4	5.9
WNW	.3	.3	.4	.2	.0	.0						1.3	7.1
NW	.5	.9	.4	.2								2.1	6.0
NNW	.5	.7	.9	.3	.1							2.4	6.9
VARBL													
CALM												13.3	
	14.8	26.6	29.3	14.4	1.5	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7431

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13720	FORBES FLD KS	63-70,73-74	SEP
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	1.2	1.2	.3								4.1	5.8
NNE	.6	1.6	1.0									3.1	5.3
NE	1.2	1.1	.6	.4								3.1	6.1
ENE	.6	.7	.4	.1								1.8	5.6
E	2.7	2.1	.9	.1								5.7	4.1
ESE	1.7	2.4	.4		.1							4.3	4.7
SE	2.2	4.7	2.1	.1								9.1	5.0
SSE	2.8	2.8	2.6	.8	.1							9.0	6.0
S	.9	2.2	5.3	4.1	.9							13.5	9.6
SSW	1.4	1.3	2.8	.8								6.8	6.7
SW	1.4	1.9	.8	.2								4.3	4.9
WSW	.6	.4										1.0	3.1
W	.7	1.0										1.7	3.6
WNW	.3	.8	.2	.2								1.6	5.9
NW	.9	1.1	.8									2.8	4.8
NNW	2.0	.9	1.3	.1								4.3	5.0
VARBL													
CALM												23.7	
	20.7	26.6	20.5	7.3	1.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13732 FORBES FLD KS 03-70,73-74 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	2.1	.1								6.0	5.4
NNE	.7	1.2	.7	.6								3.1	6.5
NE	1.0	1.0	.4	.2								2.7	5.3
ENE	.4	1.4	.6	.1								2.6	5.5
E	2.5	2.1	.8	.2								5.6	4.5
ESE	.9	1.3	1.2	.1								3.6	5.6
SE	1.6	4.0	1.2									6.8	4.7
SSE	1.6	3.9	3.1	.8								9.4	6.1
S	1.6	3.5	5.6	1.9	.7							13.2	6.1
SSW	.9	2.3	2.1	.7	.2							6.2	7.3
SW	1.4	1.4	.4	.6								3.9	5.5
WSW	.4	.8	.1									1.3	4.3
W	.9	1.0	.2									2.1	4.2
WNW	.4	.9	.3									1.7	4.9
NW	1.0	1.1	.7	.1								2.9	5.2
NNW	1.9	1.1	.6	.6								4.2	5.3
VARBL													
CALM												25.3	
	19.0	29.1	20.2	5.9	.9							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 697

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.9	2.5	.7								6.9	6.6
NNE	.6	.8	1.3	.3								3.0	7.0
NE	.6	1.2	.6	.1								2.5	5.2
ENE	1.2	1.3	.7									3.2	4.7
E	1.0	2.2	1.5									4.7	5.5
ESE	1.8	1.2	1.5									4.5	5.0
SE	1.6	3.0	2.2	.8								7.8	6.0
SSE	1.5	3.1	3.5	.9	.1							9.0	6.7
S	2.6	3.0	6.2	3.0	.3							15.2	7.9
SSW	1.1	1.9	2.3	1.5	.2							7.0	7.7
SW	1.1	.8	.9	.1								[illegible].9	5.2
WSW	.6	.3	.1									1.0	3.7
W	1.0	.7	.8	.1								2.6	5.4
WNW	.1	.9	.3	.2								1.6	6.5
NW	.9	1.7	.9	.2								3.7	5.4
NNW	1.6	2.6	1.3									5.5	4.9
VARBL													
CALM												19.1	
	18.1	27.7	26.6	7.9	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 896

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

...L CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13...2	FORBES FLD KS	63-73,73-74	SEP

CLASS: ALL WEATHER

HOURS (L.S.T.): 2300-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.1	4.6	1.7								8.1	7.7
NNE	.2	.3	2.7	1.0								4.7	6.4
NE	.3	1.6	1.1	.2								3.7	5.9
ENE	.4	1.3	1.0									2.8	5.8
E	1.1	1.7	2.8	.8								6.4	6.7
ESE	.6	.8	1.6	.8								3.7	7.5
SE	1.1	1.4	2.3	1.2	.2							6.4	7.7
SSE	.7	1.8	3.0	2.0	.1							7.6	8.3
S	1.6	2.5	6.9	6.1	1.0							18.1	9.9
SSW	.6	1.1	4.1	4.0	.6							10.6	10.1
SW	.8	1.4	2.3	.8	.1							5.5	7.6
WSW	.8	1.1	.9									2.8	5.2
W	1.0	1.2	.9	.2								3.3	5.6
WNW	.3	1.0	1.0									2.3	6.0
NW	.3	1.4	1.2	.4								3.5	6.9
NNW	.6	1.6	1.6	.6								4.2	7.2
VARBL													
CALM												5.5	
	11.8	22.9	38.0	19.8	2.0							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 2	FORBES FLD KS	63-70,73-74	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	4.6	2.7								9.0	5.9
NNE	.7	1.4	3.3	1.0								6.4	7.7
NE	.9	.8	1.3	.3								3.3	6.3
ENE	1.0	1.6	1.6	.3								4.4	6.3
E	1.0	1.5	3.6	.3								5.4	6.9
ESE	.4	2.1	1.3	.7								4.6	6.8
SE	1.6	1.4	1.6	.8	.2							5.6	6.7
SSE	.8	1.7	2.6	3.6	.1							8.7	9.3
S	.9	1.9	6.0	9.4	1.6	.1						19.9	11.1
SSW	.6	.9	2.8	3.4	1.0	.1						8.7	11.3
SW	.4	.9	1.2	.8								3.3	7.9
WSW	.7	1.4	.8	.7	.1							3.7	6.7
W	.6	.8	1.1	.8								3.2	7.2
WNW	.2	.6	.8	.1								1.7	6.4
NW	.7	1.0	1.6	.8								4.0	7.5
NNW	.6	1.2	1.7	1.0								4.4	7.9
VARBL													
CALM												2.7	
	11.4	20.3	35.7	26.7	3.0	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

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)

STATION	STATION NAME	YEARS	MONTH
1[illegible]2	FORBES FLD KS	63-70,73-74	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.7	5.9	1.8	.1	.1						11.5	6.2
NNE	.2	1.6	3.2	.8								5.8	7.9
NE	.4	1.2	1.0	.2								2.9	6.1
ENE	.9	1.7	1.9	.3								4.8	6.5
E	1.0	2.9	2.7	.9								7.5	6.7
ESE	.8	1.3	1.2	.1								3.5	5.8
SE	.9	1.9	2.6	.9	.1							6.4	7.4
SSE	.7	1.8	3.7	4.4	.2							10.7	9.6
S	1.2	2.0	4.8	9.4	1.9							19.3	11.0
SSW	.9	1.2	1.5	2.5	.4	.2						6.7	9.9
SW	.2	1.0	1.2	.3								2.8	7.7
WSW	.6	1.1	.7	.2								2.6	5.9
W	1.1	.8	.8	.2								2.9	5.3
WNW	.3	.6	1.3	.1								2.3	6.6
NW	.3	.6	1.1	.4								2.5	7.5
NNW	.3	1.0	2.0	.7	.1							4.1	8.3
VARBL													
CALM												3.7	
	10.8	23.4	35.6	23.2	2.9	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 895

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)

STATION	STATION NAME	YEARS	MONTH
13	FORBES FLD KS	67-70,73-74	SEP

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.8	2.4	.3	.3	.1						7.6	6.3
NNE	1.3	2.2	.7	.3								4.5	4.9
NE	1.8	2.1	.1	.2								4.2	4.6
ENE	1.3	1.2	1.3	.1								4.0	5.3
E	2.3	2.7	2.0									7.0	4.8
ESE	2.6	1.3	1.2									5.1	4.2
SE	2.4	5.5	3.5	.3								11.7	5.4
SSE	1.3	4.5	5.5	1.7	.2							12.8	7.4
S	1.9	3.2	5.5	2.4	.1							13.1	7.7
SSW	.7	1.3	.6	.2	.2							3.0	6.9
SW	.7	.7	.7	.1								2.1	5.7
WSW	.8	.3	.1									1.7	3.7
W	.3	.4	.3									1.1	4.9
WNW	.6	.3	.2									1.1	4.1
NW	.8	.7	.2									1.7	3.7
NNW	1.7	1.3	.4	.3								3.8	4.7
VARBL													
CALM												15.1	
	22.9	30.1	24.7	6.1	.9	.1						100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS: 398

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

12	FORBES FLD KS	63-70,73-74	[illegible]
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	1.3	2.3	1.3	.9	.1							5.9	5.4
NNE	1.0	1.2	1.2									3.5	5.4
NE	1.4	1.1	.5	.1	.1							3.6	5.3
ENE	2.1	1.4	.7	.3								4.5	4.5
E	2.7	.9	1.0	.3								4.9	4.5
ESE	1.9	3.1	.7									5.7	4.4
SE	2.9	5.2	2.7	.6								11.4	5.4
SSE	1.9	3.5	3.5	1.6	.3							10.7	7.3
S	1.7	3.1	5.0	2.4	.3							12.5	5.2
SSW	.9	1.3	1.7	.4	.3							4.7	7.5
SW	.4	1.3	.6									2.3	4.9
WSW	.7	.4	.2									1.3	4.3
W	.3	.6	.1									1.0	4.0
WNW	.2	.3	.6									1.1	5.9
NW	.2	.9	.5									2.6	4.7
NNW	.7	1.1	.7	.2								2.7	5.1
VARBL													
CALM												21.0	
	21.0	28.4	21.4	6.9	1.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 596

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

... STATION | FORBES FLD KS STATION NAME | 63-72,73-74 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPD
N	1.2	2.1	3.1	1.1	.1	.0						7.6	7.2
NNE	.7	1.4	1.9	.5								4.3	6.8
NE	1.0	1.3	.7	.2	.0							3.2	5.6
ENE	1.3	1.3	1.0	.2								3.8	5.5
E	1.8	2.0	1.9	.3								6.2	5.6
ESE	1.7	1.7	1.1	.2	.1							4.4	5.4
SE	1.3	3.4	2.3	.6	.1							8.1	5.9
SSE	1.4	2.9	3.4	2.0	.2							9.7	7.6
S	1.9	2.7	5.7	4.9	.8	.0						15.6	9.4
SSW	.9	1.5	2.2	1.7	.4	.1						6.7	8.8
SW	.8	1.2	1.0	.4	.0							3.4	6.3
WSW	.5	.8	.4	.1	.0							1.9	5.1
W	.7	.8	.5	.2								2.2	5.3
WNW	.5	.7	.6	.1								1.7	5.9
NW	.7	1.1	.9	.3								2.9	5.9
NNW	1.1	1.4	1.2	.4	.0							4.1	6.2
VARBL													
CALM												14.5	
	17.0	26.0	27.8	13.0	1.6	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13724 STATION | FORBES FLD KS STATION NAME | 63-73,73-74 YEARS | OCT 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	1.1	1.1	1.9	1.3	.2							.6	7.9
NNE	.2	.4	.3	.2								1.6	7.1
NE	.4	.2	.2	.2								1.1	6.1
ENE	.4	.3		.1								1.4	4.3
E	.2	.8	.3	.1								1.7	5.4
ESE	.6	1.4	.8	.3	.1							3.2	6.4
SE	1.1	2.4	1.9									5.4	5.5
SSE	1.5	2.5	2.0	1.5			.1					7.6	7.2
S	2.3	3.7	5.5	6.1	1.0	.6						19.2	9.3
SSW	.8	2.5	3.9	2.9								10.0	9.5
SW	1.4	1.2	.5	.5	.2							3.9	6.3
WSW	.3	.5	.2	.1								1.5	4.8
W	.3	.2	.2	.1								1.3	5.0
WNW	.4	1.7	1.2	.2								3.6	6.3
NW	.9	1.9	1.2	.4	.2	.1						4.7	7.2
NNW	2.6	2.5	1.3	1.3	.1							7.4	6.3
VARBL													
CALM												20.7	
	15.7	23.8	21.6	15.5	1.8	.8	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 929

L AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-72,73-74	OCT

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	1.7	1.0								5.7	5.7
NNE	.4	.6	.2	.3								1.6	6.1
NE	.2	.3	.3	.3								1.2	7.5
ENE	.[illegible]	.3	.1	.1								.9	4.9
E	1.0	.3	.4	.1								1.3	5.2
ESE	.5	1.3	1.2	.1								3.1	5.9
SE	1.4	2.6	1.4	.3								5.7	5.7
SSE	1.6	3.2	2.0	1.4								8.3	6.6
S	2.0	3.0	6.6	5.0	1.0	.3						17.9	9.4
SSW	1.0	1.8	2.5	2.6	.5		.1					8.5	9.1
SW	1.5	1.4	.8	.3	.3							4.3	6.1
WSW	.4	.6	.1									1.3	3.9
W	.5	.3	.2	.1	.1							1.3	6.4
WNW	.8	1.8	.9	.1								3.6	5.6
NW	2.3	1.5	1.5	.9	.2	.1						6.5	6.3
NNW	1.7	2.0	1.5	.8								6.0	5.9
VARBL													
CALM												21.7	
	17.1	23.7	21.4	13.3	2.2	.4	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 929

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)

STATION	STATION NAME	YEARS	MONTH
12	FORBES FLD KS	63-73,73-74	OCT

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	1.8	1.3	.1							6.5	7.3
NNE	.1	.9	.6	.3								1.9	6.3
NE	.3	.9	.4									1.6	5.5
ENE	.2	.2		.1								.5	5.2
E	.4	1.5	.1									2.0	4.4
ESE	.9	1.2	1.5	.2								3.7	6.2
SE	1.1	2.3	2.4	.6	.1							6.5	6.4
SSE	1.3	3.9	2.5	1.4								9.0	6.7
S	1.9	3.3	6.2	6.3	1.6	.3						19.8	9.9
SSW	1.2	1.5	2.4	2.5	.5							8.4	8.9
SW	.2	1.3	.4	.2								1.8	6.2
WSW	.2	.6	.2									1.1	4.9
W	.2	1.0		.1	.1							1.4	6.2
WNW	.5	1.7	1.9	.2	.2							4.6	7.3
NW	1.4	2.5	1.7	1.1	.1							7.0	6.6
NNW	1.3	1.3	1.3	.5	.1							4.5	6.7
VARBL													
CALM												19.7	
	13.3	25.3	23.5	14.9	2.9	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	OCT

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	3.2	2.7	.1	.1						7.7	9.7
NNE	.5	1.1	1.6	.2								3.4	6.6
NE	.1	.6	.9	.1								1.8	6.6
ENE	.1	.3	.4	.1								1.0	6.6
E	.5	.4	.9	.4								2.4	6.8
ESE	.3	.6	1.6	.3								3.3	6.7
SE	.4	1.0	2.4	.9								4.6	7.9
SSE	.3	1.2	3.5	3.2	.4							7.2	9.3
S	.3	2.3	4.8	9.8	2.4	.8						21.5	12.0
SSW	.8	1.1	3.9	5.4	1.0	.6	.1					12.3	11.4
SW	.6	1.4	1.3	1.7	.3	.1						5.5	9.2
WSW	.5	1.1	.6		.1							2.4	5.9
W	.4	1.0	1.3	.1								2.8	6.4
WNW	.4	.4	1.2	.9	.1							3.0	9.0
NW	.3	1.2	2.8	1.9	.3							6.6	9.6
NNW	.3	1.4	2.8	2.9	.2							7.6	9.5
VARBL													
CALM												4.3	
	7.8	17.3	43.2	30.6	4.9	1.6	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 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)

13712 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	3.9	4.0	.4							10.0	10.2
NNE	.4	.8	1.1	.5	.1							2.9	7.7
NE	.2	.4	.8									1.3	6.2
ENE	.5	.4	.4	.1								1.5	5.6
E	.9	1.0	1.2	.1								3.1	5.9
ESE	.2		.5	.3								1.1	6.8
SE	.5	1.3	1.7	.8								4.5	7.1
SSE	.6	1.6	2.0	2.7	.5							7.5	9.8
S	.7	2.0	5.9	8.5	4.6	1.0	.2					22.6	13.0
SSW	.6	1.3	3.2	4.5	1.3	.3	.1					11.4	11.6
SW	.4	1.1	1.9	1.9	.5	.2						6.1	10.8
WSW	.5	1.5	.3	.3								2.7	5.9
W	.3	1.4	1.6	.4								4.2	6.5
WNW	.5	1.1	1.1	.8	.5							4.0	9.2
NW	.1	1.5	2.2	1.7	.8							6.2	10.3
NNW	.5	1.0	1.9	3.7	.2	.1						7.4	10.4
VARBL													
CALM												2.9	
	7.8	18.2	29.8	30.3	9.0	1.6	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]WEATHER SERVICE/MAC

SURFACE WINDS

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

13732 STATION | FORBES FLD KS STATION NAME | 63-72,73-74 YEARS | OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	3.5	4.1	.1							10.3	7.9
NNE	.5	.6	.6	.5								2.4	7.0
NE	.4	1.3	1.2									2.9	6.3
ENE	.4	.2	.8									1.2	6.7
E	.6	.8	1.1	.1								2.6	6.2
ESE	.5	1.3	.6	.1								.3	5.6
SE	.3	1.7	1.9	.5	.1							4.6	7.2
SSE	.1	1.2	3.3	3.3	.8	.1						8.8	11.0
S	1.1	2.7	4.5	8.2	3.8	.8						21.2	12.0
SSW	.4	1.7	3.8	2.3	.6	.3						9.1	10.3
SW	1.1	1.2	1.4	1.5	.3	.2						5.7	9.1
WSW	.4	.6	.6	.5		.1						2.4	8.6
W	1.3	1.2	1.5	.4		.1						4.2	6.7
WNW	.4	.7	1.1	.8	.2							3.3	8.6
NW	.5	1.5	2.7	1.9	.3							7.6	9.2
NNW	.4	1.4	3.9	1.8	.2							7.7	6.8
VARBL													
CALM												4.4	
	8.6	19.9	32.6	26.1	6.8	1.6						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

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)

1 2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

ALL WEATHER CLASS | 1800-2600 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.3	2.8	1.9	.1							8.9	7.3
NNE	1.5	.4	.3	.1								1.8	4.4
NE	.6	.8	.5	.1								2.0	5.4
ENE	.2	.5	.1									.9	4.5
E	.5	1.2	.6									2.6	4.8
ESE	1.1	3.0	1.2	.1								5.4	5.4
SE	1.3	4.3	1.9	.4								8.0	5.9
SSE	1.3	4.5	3.5	2.6								11.9	7.4
S	2.3	4.8	3.2	4.3	1.2	.2						16.0	8.9
SSW	1.2	1.9	1.7	.9	.2							5.9	6.9
SW	1.9	1.1	.3	.2	.2							3.8	5.1
WSW	1.0	.5	.3	.1		.1						2.0	5.2
W	2.0	.9	.3		.1	.1						3.4	4.6
WNW	.8	.5	.3	.1								1.7	4.2
NW	1.3	1.5	.9	.1	.2							4.0	5.7
NNW	.9	2.2	1.8	1.3								6.1	7.1
VARBL													
CALM												15.5	
	19.4	30.4	20.0	12.3	2.0	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

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

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	2.8	1.7	.2							8.0	7.9
NNE	.3	.1	.5	.2								1.2	7.4
NE	.3	.6	.6	.2								1.8	6.4
ENE	.2	.2	.1									.6	4.0
E	.6	.5	.5	.1								1.8	5.4
ESE	.2	1.8	.8	.3								3.1	6.3
SE	1.5	3.9	2.2	.6								8.2	5.9
SSE	1.6	2.9	3.8	1.5	.2							10.0	7.5
S	1.4	3.8	5.3	5.4	1.3	.2						17.3	9.7
SSW	1.2	2.3	2.2	2.2	.1							7.8	7.9
SW	2.0	1.0	1.0	.2	.1							4.3	5.2
WSW	1.0	.9	.3	.2								2.4	4.7
W	.8	1.2	.2		.1							2.3	5.1
WNW	.3	1.1	.2	.1	.1							1.8	5.9
NW	1.8	2.0	.1	.5	.1	.2						4.8	5.8
NNW	1.1	2.3	.9	1.3								5.5	7.0
VARBL													
CALM												19.0	
	16.0	26.2	21.4	14.6	2.3	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	OCT

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	2.7	2.2	.2	.0						7.9	6.5
NNE	.4	.6	.7	.3	.0							2.1	6.7
NE	.3	.7	.6	.1								1.7	6.2
ENE	.2	.4	.2	.1								1.0	5.3
E	.7	.9	.6	.1								2.3	5.5
ESE	.6	1.3	1.0	.2	.0							3.1	6.1
SE	1.0	2.4	2.0	.5	.0							6.0	6.3
SSE	1.1	2.6	2.9	2.2	.2	.0	.0					9.1	6.1
S	1.5	3.3	5.3	6.7	2.1	.5	.0					19.4	10.7
SSW	.9	1.8	2.9	2.9	.5	.2	.0					9.2	9.6
SW	1.2	1.2	1.0	.8	.3	.1						4.4	7.7
WSW	.6	.8	.3	.2	.0	.0						2.0	5.6
W	.8	.9	.7	.2	.1	.0						2.6	6.0
WNW	.5	1.2	1.0	.4	.1							3.2	7.3
NW	1.1	1.7	1.6	1.1	.3	.1						5.8	7.8
NNW	1.1	1.7	1.9	1.7	.1	.0						6.5	7.9
VARBL													
CALM												13.5	
	13.2	23.1	25.5	19.7	4.0	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7438

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	NOV

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 0000-0400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	3.4	2.7	.1							.4	9.9
NNE	.3	1.3	1.1	.4								3.2	7.1
NE	.5	.8	.7									2.0	5.5
ENE	.4		.2									.7	4.3
E	.4	.4	.4	.1								1.4	5.5
ESE	.1	.3	.6									1.0	7.1
SE	1.2	2.3	1.4	.2								5.2	5.6
SSE	1.0	1.3	1.7	.6								4.6	6.4
S	1.0	2.0	4.7	5.3	.3	.1						13.4	9.5
SSW	1.0	1.7	3.6	2.8	.2							9.2	8.8
SW	.7	1.8	.9	.8								4.1	6.8
WSW	.7	.4	.1	.2								1.4	5.4
W	1.0	1.2	.2									2.4	3.9
WNW	1.2	2.0	1.1	.2								4.6	5.2
NW	1.9	3.2	3.6	.8	.1							9.6	6.6
NNW	1.2	2.6	2.3	1.2	.1	.2						7.7	7.4
VARBL													
CALM												21.0	
	13.8	22.7	26.0	15.3	.9	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AA 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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	NOV

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	2.3	3.6	2.3	.6							9.5	9.0
NNE	.6	1.2	1.2	.1	.1	.1						3.3	7.2
NE	.7	.1	.8									1.2	6.4
ENE	.1	.3	.2									.7	5.8
E	.3		.3	.1								1.2	5.0
ESE	.2	.9	.2	.2								1.6	6.6
SE	1.8	1.6	.8	.3								4.4	4.9
SSE	1.7	2.0	1.4	.6								5.7	5.6
S	1.7	3.7	4.6	5.0	.8							15.8	9.2
SSW	1.1	1.4	2.9	2.2	.4							8.1	6.8
SW	1.0	1.8	.7	.4	.2	.1						4.2	6.9
WSW	1.1	.4	.2	.2								2.0	5.1
W	.7	.9	.2		.1							1.7	5.1
WNW	1.2	2.7	2.0	.3								6.2	5.8
NW	1.9	3.4	3.8	.6	.2							9.9	6.4
NNW	1.2	1.6	1.4	.6	.4		.1					5.3	7.9
VARBL													
CALM												20.1	
	16.0	23.3	24.3	13.0	2.9	.2	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 900

...AL CLIMATOLOGY BRANCH
...TAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

ALL WEATHER CLASS | 0600-1800 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	.9	1.2	3.2	2.0	.3	.2						7.9	7.5
NNE	.6	1.7	1.2	.4								3.9	6.6
NE	.5	.3	.6									1.7	4.8
ENE	.7	.2	.3									.9	4.8
E	.6	.3	.4									1.3	5.0
ESE	.4	.7	.1	.3								1.2	6.0
SE	1.4	2.4	.8	.2								4.9	4.9
SSE	1.3	2.9	1.1	.8								6.0	6.0
S	1.9	4.9	4.7	4.9	1.3	.7						17.7	6.8
SSW	1.4	1.4	3.4	1.9	.1							8.3	7.8
SW	1.3	.3	.3	.2								1.9	5.1
WSW	.3	.5	.3	.4								1.9	6.9
W	1.1	1.4	1.1	.1								3.6	5.2
WNW	1.2	2.4	1.4	.2								5.3	5.7
NW	1.6	4.3	2.4	1.1	.2							9.3	6.7
NNW	1.5	1.8	2.2	2.0	.4	.2						8.2	6.5
VARBL													
CALM												1.0	.
	16.5	26.1	23.8	14.7	2.1	.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2	FORBES FLD KS	63-70,73-74	NOV

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	4.2	2.9	.6	.1						10.3	9.4
NNE	.4	1.1	1.8	.6								3.9	7.2
NE	.2	.7	1.4									2.3	6.7
ENE	.7	.7	.9									1.8	5.4
E	.9	1.1	.7									2.7	5.0
ESE	.3	1.2	.7	.2								2.4	6.0
SE	.1	1.1	1.1	.4								2.8	7.4
SSE	.7	1.1	1.9	.8								4.4	7.2
S	1.7	2.3	5.8	5.3	1.6	.9						17.6	10.6
SSW	.4	2.0	4.6	4.7	1.2	.2						13.1	10.9
SW	.4	.9	1.6	.8	.2							3.9	8.7
WSW	.6	.9	.4	.2								2.1	5.8
W	.6	1.4	1.4	1.1								4.6	7.3
WNW	.3	1.3	2.4	.8								4.9	7.9
NW	.6	1.8	4.3	2.8	.6	.2	.1					10.3	10.1
NNW	.3	2.4	2.9	1.8	.7	.6						8.7	10.2
VARBL													
CALM												4.2	
	8.8	21.9	36.0	22.2	4.8	2.0	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13921 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — 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	.[illegible]	2.1	3.[illegible]	2.[illegible]	.[illegible]	.1						[illegible].[illegible]	[illegible].[illegible]
NNE	.[illegible]	1.1	1.6	.8								[illegible].1	7.[illegible]
NE	.[illegible]	.	1.7									[illegible].7	[illegible].[illegible]
ENE		.[illegible]	.4									.[illegible]	7.1
E	.[illegible]	.[illegible]	.[illegible]									1.7	4.[illegible]
ESE	.[illegible]	.[illegible]	.6	.1								1.4	6.[illegible]
SE	.4	.[illegible]	1.[illegible]	.6								[illegible].[illegible]	7.4
SSE	.[illegible]	1.2	1.[illegible]	1.1								[illegible].4	7.[illegible]
S	.4	2.[illegible]	5.[illegible]	4.6	1.[illegible]	.[illegible]						1[illegible].[illegible]	11.[illegible]
SSW	.[illegible]	.[illegible]	[illegible].[illegible]	4.[illegible]	2.[illegible]	.[illegible]						11.[illegible]	12.[illegible]
SW	.7	1.4	2.[illegible]	2.[illegible]	.[illegible]							[illegible].[illegible]	9.[illegible]
WSW	.[illegible]	1.[illegible]	1.1	1.[illegible]								[illegible].4	[illegible].[illegible]
W	.4	1.4	1.[illegible]	.[illegible]								[illegible].[illegible]	7.[illegible]
WNW	.[illegible]	1.4	1.[illegible]	.7	.1							4.[illegible]	[illegible].[illegible]
NW	.1	2.[illegible]	4.[illegible]	[illegible].9	1.1	.7						1[illegible].[illegible]	11.4
NNW		1.[illegible]	4.3	3.7	.[illegible]	.[illegible]	.1					11.1	11.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible].1	2[illegible].[illegible]	3[illegible].[illegible]	2[illegible].[illegible]	[illegible].7	2.[illegible]	.1					1[illegible].[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS 900

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...62	FORBES FLD KS	63-70,73-74	NOV

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	3.6	3.2	.4	.1						8.7	9.4
NNE	.2	1.2	1.7	.4	.1							3.7	7.8
NE	.1	1.1	.4									1.7	5.7
ENE	.2	.6	.6									1.3	4.4
E	.4	.6	.2									1.2	4.5
ESE	.2	.7	.7									1.6	6.1
SE	.4	1.2	1.6	.3								3.1	6.5
SSE	.4	2.9	3.6	1.3								8.2	7.5
S	.7	2.3	4.6	5.1	1.3	.7						14.3	11.3
SSW	.3	1.2	2.1	2.4	.6	.2						6.8	10.7
SW	.5	.7	2.3	1.2	.3	.1						5.5	9.6
WSW	.2	1.1	.7	.1								2.1	6.3
W	.8	1.4	2.0	.6								4.8	7.2
WNW	.3	1.3	.9	1.2	.2							4.0	8.4
NW	2.0	1.3	4.7	2.6	.6							11.1	8.5
NNW	.4	1.8	4.0	4.2	1.6	.3						12.3	11.1
VARBL													
CALM												6.8	
	8.9	21.5	33.5	22.8	5.1	1.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 899

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

L2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

ALL WEATHER CLASS | 13,2-20,2 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.4	4.6	2.3	.3							11.3	5.1
NNE	1.1	.7	1.2	.3								3.2	5.4
NE	.8	.7	.4	.1								2.0	4.9
ENE		.4										.4	4.2
E	1.2	.4	.4									2.1	4.3
ESE	.5	.9	1.3	.1								3.1	6.2
SE	.9	3.1	1.7	.2								5.9	6.2
SSE	.8	4.1	4.1	1.0								10.1	7.1
S	2.2	3.0	4.0	2.6	.6	.2						12.8	5.4
SSW	.7	1.3	1.6	.9								4.9	7.2
SW	.2	1.3	.2	.6								2.3	5.3
WSW	.9	2.3	.3									3.5	4.4
W	1.3	1.4	.7									3.4	4.5
WNW	2.1	1.3	.6									4.4	4.3
NW	1.6	.9	1.7	1.3								5.7	7.1
NNW	1.1	1.7	2.8	3.0	.1							8.7	6.3
VARBL													
CALM												15.7	
	17.9	27.0	25.6	12.4	1.2	.2						104.0	5.3

TOTAL NUMBER OF OBSERVATIONS 920

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

L AL CLIMATOLOG RA.CH
ETAC
A EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2	FOBE F O KS	3-7 ,73-74	N

CLASS: ALL WEATHER

HOURS (L.S.T.): 100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.	1.7	3.2	2.2	.4							[illegible]	[illegible]
NNE	.3	.	2.6	.2								[illegible]	7.3
NE	.	[illegible]	.7									1.[illegible]	6.5
ENE	.	.3	.6									1.[illegible]	4.7
E	.	[illegible]	.7	.1								[illegible]	5.7
ESE	[illegible]	[illegible]	.6	.1								[illegible]	[illegible].4
SE	[illegible]	2.4	1.	.8								.1	5.7
SSE	[illegible].0	2.2	2.9	.7								[illegible]	[illegible]
S	[illegible]	3.1	4.8	4.7	1.0							1[illegible].4	[illegible].1
SSW	[illegible]	1.1	2.1	2.2	.1	.2						7.5	[illegible].6
SW	.	1.[illegible]	1.[illegible]	.7								[illegible].3	6.6
WSW	[illegible]	1.2	.1									.1	4.1
W	1.[illegible]	1.3	.4									.1	[illegible]
WNW	.	1.2	.9	.2								.3	5.6
NW	1.	2.6	1.9	1.[illegible]								[illegible]	[illegible].4
NNW	1.	1.9	3.6	1.9	.3							[illegible]	[illegible]
VARBL													
CALM												15.	
	[illegible].0	23.2	26.[illegible]	14.8	1.9	.2						1[illegible].0	6.1

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

13?2	FORBES FLD KS	63-70;73-74	NOV
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	.9	1.7	3.7	2.6	.4	.1						9.3	9.1
NNE	.5	1.1	1.5	.4	.0	.0						3.6	7.2
NE	.4	.6	.8	.0								1.9	5.9
ENE	.4	.4	.4									1.1	5.0
E	.7	.5	.4	.0								1.7	4.9
ESE	.4	.7	.6	.1								1.8	6.1
SE	1.0	1.9	1.3	.4								4.6	5.9
SSE	1.0	2.2	2.3	.8								6.3	6.6
S	1.4	2.9	4.8	4.7	1.1	.4						15.2	9.8
SSW	.5	1.4	2.9	2.7	.6	.1						8.6	9.8
SW	.8	1.3	1.2	.8	.1	.0						4.2	7.7
WSW	.6	1.1	.4	.3								2.3	5.8
W	.9	1.3	1.0	.3	.0							3.5	5.8
WNW	1.0	1.5	1.4	.5	.0							4.6	6.4
NW	1.4	2.4	3.4	1.7	.3	.1	.0					9.4	8.2
NNW	.9	1.9	2.9	2.3	.6	.2	.0					8.9	9.4
VARBL													
CALM												12.8	
	13.1	23.2	28.9	17.7	3.2	1.0	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7197

AL CLIMATOLOG BRANCH
TA
EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	F BES FLD KS	[illegible]-7[illegible],73-74	D[illegible]

CLASS: ALL WEATHE

HOURS (L.S.T.): 000-0200

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.	2.6	3.5	.5							[illegible]	[illegible]
NNE	1.[illegible]	.3	1.0	.4	.1							.3	6.3
NE	.	.1	.	.3								.	.7
ENE	[illegible]	1.4	.4	.1								[illegible]	4.6
E	.	1.1	1.1	.5								3.4	6.[illegible]
ESE	.	1.1	.9	.3								[illegible]	[illegible].9
SE	.1	2.4	.6									[illegible].1	4.8
SSE	.	1.3	1.5	.1	.1							[illegible]	7.7
S	.1	3.3	4.4	3.4	1.							1[illegible].2	[illegible]
SSW	.	2.3	2.4	2.3	.[illegible]	.[illegible]						.[illegible]	[illegible].9
SW	1.2	.	.[illegible]	.3								.	5.4
WSW	.	.	.[illegible]		.[illegible]							.2	[illegible]
W	.	1.2	.6	.2	.6	.1						[illegible]	[illegible].4
WNW	.[illegible]	1.3	1.1	.5	.1							3.[illegible]	7.[illegible]
NW	1.[illegible]	2.	2.0	1.6	1.0	.2						.	[illegible]
NNW	1.[illegible]	1.	1.7	3.3	.5	.1						.6	[illegible].7
VARBL													
CALM												1[illegible].2	
	1[illegible].3	23.[illegible]	22.6	18.1	4.3	.6						[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

...AL CLIMATOLOGY BRANCH
...TAC
... EAT-FX SERVICE/MAC

SURFACE WINDS

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

... STATION | F... BES FLD KS STATION NAME | ...3-70,73-74 YEARS | DEC MONTH

ALL WEATHER CLASS | 300-2500 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	1.1	1.	3.	4.7	.4							12.4	7.4
NNE	.	1.3	.4	.9								2.	7.7
NE	.2	.	.5	.2								1.	6.9
ENE	.4	.1	1.3									.2	5.6
E	.	1.1	1.7	.4								.7	6.9
ESE	.1	.	.5	.3								.9	6.5
SE	1.	1.6	1.2	.9								.3	6.3
SSE	1.1	1.	.6	.5								.3	5.6
S	1.	3.2	3.8	4.7	.9	.1						14.2	7.4
SSW	.	1.3	1.7	1.2	.2							.4	6.2
SW	.	1.3	.2	.4								.3	5.3
WSW	.4	.	.3	.1	.1							1.	5.2
W	.	1.	.6	.1	.1	.1						.7	5.6
WNW	.	2.3	1.3	1.4	.3	.3						1.1	7.7
NW	1.3	2.	2.0	1.5	.4							.2	5.5
NNW	.	1.6	3.3	2.9	.5							.3	7.2
VARBL													
CALM												1.	
	1.2	23.4	25.3	19.6	3.3	.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS ...

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

[illegible] CLIMATOLOG[illegible] BRANCH
[illegible]TAC
A[illegible] [illegible]EATHER SERVI[illegible]/MA[illegible]

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	F[illegible] BES F[illegible]D KS	3-70,73-74	D[illegible]

CLASS: ALL WEATHE[illegible]

HOURS (L.S.T.): [illegible]00-0600

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	2.[illegible]	2.6	.6	.2						.7	9.[illegible]
NNE	.1	.	1.8	.6	.1							[illegible].3	.9
NE	.[illegible]	1.[illegible]	.9	.2								2.[illegible]	6.[illegible]
ENE	.3	.	.5	.1								1.[illegible]	6.1
E	.3	1.[illegible]	.6	.5	.1							3.[illegible]	7.[illegible]
ESE	.[illegible]	1.[illegible]	.9	.2								2.[illegible]	6.3
SE	1.1	1.	1.7	1.2	.2							.[illegible]	7.2
SSE	1.	2.2	.3	1.2								6.[illegible]	6.[illegible]
S	1.[illegible]	3.3	2.9	3.7	1.[illegible]	.[illegible]						1[illegible].7	9.2
SSW	.	1.7	1.7	1.5	.1							5.7	7.9
SW	.2	1.1	.3	.4	.1							.1	5.7
WSW	[illegible]	1.0	.2	.1	.2							1.[illegible]	7.[illegible]
W	.	1.	.8	.3	.[illegible]							2.[illegible]	7.1
WNW	.[illegible]	1.6	1.6	1.1	.6	.3						.[illegible]	9.1
NW	.1	3.3	3.3	1.6	.2							.	7.4
NNW	.	1.	2.0	3.7	.5							.[illegible]	1[illegible].0
VARBL													
CALM												1[illegible].4	
	[illegible]	25.6	24.4	19.[illegible]	4.[illegible]	.8						100.[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AL CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 2	FORBES FLD KS	[illegible]3-70,73-74	D[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]00-11[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 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]	5.3	4.[illegible]	.4	.1						1[illegible]	[illegible]
NNE	.[illegible]	1.1	2.3	.5								[illegible]	7.5
NE	.	1.1	.6	.5								[illegible]	7.[illegible]
ENE	.[illegible]	.[illegible]	.2	.1								[illegible].2	4.[illegible]
E	.	1.1	1.1	.8								[illegible].4	7.1
ESE	.	1.[illegible]	1.7	.3								[illegible].1	6.7
SE	.[illegible]	1.[illegible]	2.2	.5								[illegible]	7.3
SSE	.	1.8	3.4	2.0	.2							[illegible]	[illegible].9
S	.	2.[illegible]	4.[illegible]	4.2	.9	.3						1[illegible].3	10.[illegible]
SSW	.	1.[illegible]	2.4	2.2	.9	.1	.1					[illegible].9	10.3
SW	.	1.2	1.5	.2		.1	.1					[illegible]	[illegible].8
WSW	.	1.1	1.2	.1								2.[illegible]	5.[illegible]
W	.2	1.5	1.9	.5	.3							.5	7.[illegible]
WNW	.[illegible]	.5	2.4	[illegible].6	.4	.1	.1	.1				5.[illegible]	11.[illegible]
NW	.[illegible]	1.6	3.5	2.7	.2	.1		.1				[illegible].6	[illegible].9
NNW	.	1.3	3.[illegible]	3.0	.8							.5	[illegible]
VARBL													
CALM												.[illegible]	
	.0	20.[illegible]	37.5	23.3	4.0	.9	.3	.2				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
TAC
EAT ER SERVICE/MA

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: FT RES FLD KS | YEARS: 3-70,73-74 | MONTH: [illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible] 0-14[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.	2.	4.3	3.[illegible]	.[illegible]	.2						1[illegible].[illegible]	.6
NNE	.1	1.	1.6	1.3								[illegible].[illegible]	.1
NE	.	.[illegible]	.2	.5								[illegible].[illegible]	[illegible].[illegible]
ENE	.	.6	.[illegible]	.3								1.7	7.[illegible]
E	.1	.	1.1	.5								2.4	[illegible].9
ESE	.	1.	.[illegible]	.6								2.4	7.6
SE	.	.[illegible]	1.7	1.2								[illegible].3	[illegible].[illegible]
SSE	.	.6	2.7	1.9								.6	.1
S	.	1.7	4.6	4.4	.9	.1						12.[illegible]	10.2
SSW	.	1.5	3.2	3.2	1.1							[illegible].[illegible]	10.5
SW		.	1.3	.8	.2	.1	.1					4.4	[illegible].[illegible]
WSW	.	.[illegible]	2.	.6								.1	7.6
W	.[illegible]	2.4	1.3	.[illegible]	.1	.1						.1	7.[illegible]
WNW	.[illegible]	1.[illegible]	2.4	1.9	.4	.5						[illegible].[illegible]	1[illegible].[illegible]
NW	.	1.1	3.1	2.8	.6	.1	.[illegible]					.[illegible]3	10.[illegible]
NNW	1.	1.2	2.9	[illegible].2	1.1	.3						[illegible]0.2	10.2
VARBL													
CALM												[illegible]	
	.8	[illegible].3	33.4	27.7	4.9	1.[illegible]	.4					1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] RAL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] EATHER SERVICE/MAC

SURFACE WINDS

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

1 2 — STATION
FORBES FLD KS — STATION NAME
[illegible]3-70,73-74 — YEARS
[illegible] — MONTH

ALL [illegible]ATHER — 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	.	2.[illegible]	4.3	2.9	.5	.[illegible]						11.[illegible]	9.1
NNE	.	1.	1.6	1.1								[illegible]	.3
NE	.	.3	.	.3								[illegible]	8.[illegible]
ENE	.	1.1	.2	.3								[illegible]	[illegible]
E	.	.	2.	.4								[illegible].4	7.4
ESE	.	.	1.3	.9								[illegible].4	7.[illegible]
SE	.	2.[illegible]	1.3	.5								4.[illegible]	6.[illegible]
SSE	1.	1.	2.6	1.1								.[illegible]	7.3
S	.1	3.5	4.7	3.3	.9							13.5	[illegible].8
SSW	.	2.4	2.4	1.7	.6							[illegible].5	[illegible]
SW	.[illegible]	.	1.[illegible]	.9	.1							3.[illegible]	.[illegible]
WSW	.	.5	.8	.1								2.[illegible]	5.3
W	1.2	2.	1.2	.5	.1							[illegible]	[illegible]
WNW	.[illegible]	.6	1.4	.9	.5	.3						[illegible].2	10.7
NW	.	2.	3.1	2.9	1.5	.2	.1					[illegible].	10.6
NNW	.	1.2	2.[illegible]	2.[illegible]	.[illegible]							[illegible].6	9.
VARBL													
CALM												.	
	10.[illegible]	24.7	31.5	19.9	5.1	.8	.1					1[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY RSA CH
ETAC
FAT ER SERVICE/MA

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: F BES F[illegible] MC | YEARS: 3-70,73-74 | MONTH: D[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 0-[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.	3.9	2.7	.6	.1						1[illegible].3	.6
NNE	.1	1.1	1.3	.2	.1							.	5.3
NE	.	.	.6	.5								[illegible].2	[illegible].2
ENE	.	.2	.4									[illegible].2	4.5
E	.	1.	1.	.1								[illegible].3	[illegible].3
ESE	.	1.	1.5	.9								3.	[illegible].6
SE	1.[illegible]	3.	1.4	.2								[illegible].	[illegible].3
SSE	1.2	3.	2.4	.5	.1							.2	5.4
S	.	3.1	3.9	2.5	.9							1[illegible].3	[illegible].3
SSW	1.	2.3	.9	1.[illegible]								[illegible].4	6.3
SW	.2	1.5	.9		.[illegible]	.1						[illegible].	5.8
WSW	.	2.3	.6		.1							3.	[illegible].3
W	.2	1.5	.5									[illegible].2	4.5
WNW	.	2.4	.4	.2	.6	.2						.4	8.3
NW	.	1.[illegible]	1.[illegible]	1.3	.4	.1						.3	[illegible].[illegible]
NNW	1.	1.	1.2	1.6	.8	.2						.1	9.[illegible]
VARBL													
CALM												13.	
	1.3	0.2	22.[illegible]	12.5	3.8	.8						[illegible].0	6.3

TOTAL NUMBER OF OBSERVATIONS [illegible]27

...AL CLIMATOLOGY BRANCH
...TAC
A... EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...2	F...B S F...O KS	...3-7 ,73-74	...E

CLASS: ALL ...EATHER
HOURS (L.S.T.): 1...-2...

CONDITION:

SPEED (KNTS) DIR.	1 - 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....	2.7	...2	.6							3	...7
NNE	1..	1.1	1.2	.4								1	...6
NE	....	....	.6	....								...3.	6....
ENE	....	....	.3	.1								...2	...7
E	....	....	1.2	.2								...4	6.1
ESE	....	....	.6	.6								2.4	7....
SE	1....	2.7	1.1	.2								.6	...9
SSE	.2	2.4	1.2	.3								.1	...4
S	1....	2....	4.6	3.6	.9							13.5	...
SSW	....	2.2	1.6	1.6	.6	.2						...2	8....
SW	1....	1.5	.8	.4	.1	.2						4	6....
WSW	1..	1.1	....	.1	.1	.1						...1	5....
W	....	1..	.4	.3	.1							...1	6.1
WNW	....	2.3	1.1	.6	.4							.4	7.2
NW	1..	1.8	2.2	1.1	.9	.1						...2	8..
NNW	1.4	....	1....	2.2	....							6..	...7
VARBL													
CALM												...1	
	1..	24.8	...2.0	15.6	4.5	.6						...0.0	6....

TOTAL NUMBER OF OBSERVATIONS ...27

AL CLIMATOLOGY BRANCH
USTAC
EAT ER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2	F B S F D K	3-7 ,73-74	0

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	.	2.2	3.6	3.3	.[illegible]	.1						[illegible].[illegible]	[illegible].7
NNE	.[illegible]	1.	1.4	.7	.[illegible]							.	[illegible].[illegible]
NE	.	.7	.[illegible]	.4			.[illegible]					.[illegible]	.[illegible]
ENE	.	.[illegible]	.5	.1								[illegible].[illegible]	[illegible].[illegible]
E	.	1.	1.2	.4	.							[illegible].3	6.9
ESE	.[illegible]	.[illegible]	1.	.5								.[illegible]	[illegible].
SE	.	2.	1.[illegible]	.6	.[illegible]							.	[illegible].3
SSE	.	2.	2.3	1.1	.1							.4	[illegible].3
S	1.[illegible]	2.	4.2	3.7	.9	.1						[illegible].[illegible]	[illegible].[illegible]
SSW	.[illegible]	1.9	2.1	1.8	.5	.1	.					[illegible].	5.9
SW	.	1.2	.	.4	.1	.1	.[illegible]					3.	7.1
WSW	.[illegible]	1.	.	.1	.1	.						.	.[illegible]
W	.	1.	.9	.3	.[illegible]	.						.[illegible]	6.7
WNW	.[illegible]	1.	1.5	1.1	.4	.[illegible]	.[illegible]	.[illegible]				.6	[illegible].1
NW	.	2.2	2.7	1.9	.7	.1	.1	.[illegible]				.6	[illegible].1
NNW	.[illegible]	1.3	2.3	2.7	.7	.1						.[illegible]	[illegible].[illegible]
VARBL													
CALM												11.2	
	1[illegible].	2.2	27.5	19.5	4.2	.8	.1	.0				[illegible].0	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1752 (STATION) | FORBES FLD KS (STATION NAME) | 63-70,73-75 (YEARS) | ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.[illegible]	2.9	2.3	.4	.1	.0					[illegible].6	8.8
NNE	.[illegible]	1.1	1.4	.6	.1	.0						3.[illegible]	7.4
NE	.[illegible]	1.[illegible]	.9	.3	.[illegible]	.0						2.[illegible]	6.4
ENE	.[illegible]	.9	.7	.2	.[illegible]	.0						2.4	6.2
E	1.1	1.4	1.3	.5	.[illegible]	.[illegible]						4.4	6.3
ESE	.[illegible]	1.[illegible]	1.2	.5	.[illegible]	.0						4.1	6.6
SE	1.1	2.5	1.8	.8	.1	.						6.3	6.7
SSE	.[illegible]	2.2	2.6	1.7	.3	.1	.0	.0				7.7	8.2
S	1.1	2.6	4.9	5.4	1.5	.4	.0					15.9	10.6
SSW	.7	1.[illegible]	2.7	2.8	.6	.1	.0	.0				9.5	10.0
SW	.[illegible]	1.1	1.1	.9	.2	.1	.0	.0				4.0	8.3
WSW	.[illegible]	.8	.5	.3	.1	.0	.0					2.2	6.8
W	.[illegible]	.9	.7	.3	.1	.0	.0	.0				2.7	6.9
WNW	.[illegible]	.[illegible]	.9	.6	.2	.1	.0	.0				3.1	8.1
NW	.9	1.[illegible]	1.7	1.4	.3	.1	.0	.0				5.9	8.7
NNW	.[illegible]	1.3	1.8	1.9	.4	.1	.0	.0				6.4	9.4
VARBL													
CALM												11.2	
	12.5	22.9	27.5	20.5	4.3	1.1	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 87596

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

AL CLIMATOLOGY BRANCH
TAC
[illegible] SERVICE [illegible]

SURFACE WINDS

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

[illegible] STATION | F [illegible] FLD FLA STATION NAME | 3-70,73-75 YEARS | [illegible] MONTH

INSTRUMENT CLASS | [illegible] HOURS (L.S.T.)

CIG 00 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.	7.4	6.1	1.3	.2						.	1.[illegible]
NNE	.	1.	3.1	2.2	.2	.						.	[illegible]
NE	.	2.	2.[illegible]	.8	.							.	[illegible]
ENE	.	2.	2.2	.7	.							.6	7.[illegible]
E	.	2.3	3.9	1.[illegible]	.1							[illegible].8	7.[illegible]
ESE		1.3	2.	1.1	.1	.						.[illegible]	7.9
SE		1.3	1.4	.[illegible]	.[illegible]	.						.4	7.[illegible]
SSE	.	1.[illegible]	1.7	1.3	.1	.						[illegible].[illegible]	[illegible].[illegible]
S	.	1.	2.5	[illegible].2	.7	.						.[illegible]	1[illegible].[illegible]
SSW	.	.5	1.[illegible]	1.[illegible]	.1	.						3.4	[illegible].[illegible]
SW	.	.[illegible]	.4	.3	.	.[illegible]	.					1.4	7.9
WSW	.	.4	.3	.1	.[illegible]	.[illegible]						1.[illegible]	[illegible].[illegible]
W	.[illegible]	.	.6	.2	.1	.1		.				1.[illegible]	8.[illegible]
WNW	.	.6	.8	.6	.2	.						2.4	.9
NW	.	1.2	1.5	1.6	.4	.1						.[illegible]	[illegible].9
NNW	.	1.	2.4	[illegible].4	.5	.[illegible]	.	.[illegible]				.[illegible]	1[illegible].
VARBL													
CALM												7.[illegible]	
	.8	.[illegible]	33.0	25.1	4.1	.7	.[illegible]	.[illegible]				1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]23

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.

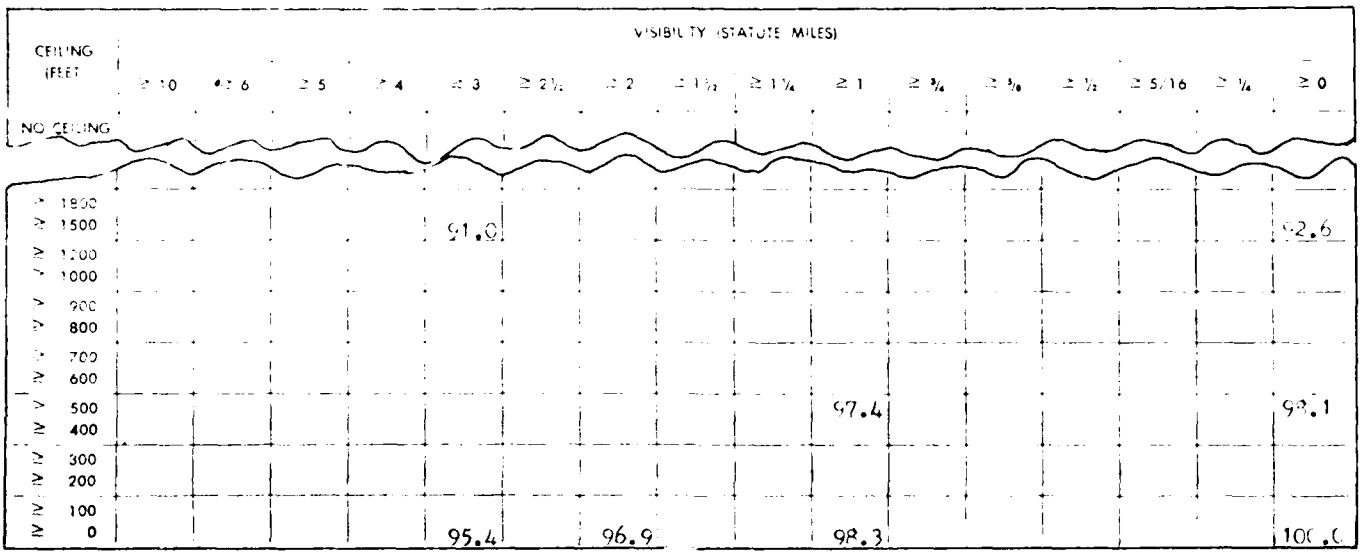
U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of 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

D

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 | FORBES FLD KS | 63-73,74-75 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0800
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	≥0
NO CEILING	46.8	64.3	64.1	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	47.1	64.3	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	47.1	64.3	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 17000	47.1	64.3	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	47.1	64.3	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 15000	48.8	66.1	66.2	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	49.7	67.2	67.3	67.5	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 13000	50.4	68.5	68.6	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	51.5	69.7	69.8	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 11000	52.1	70.6	70.8	71.0	71.1	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	52.5	71.4	71.5	71.7	71.8	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	53.4	73.1	73.2	73.4	73.7	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 8000	53.9	74.3	74.1	74.3	74.6	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 7000	54.2	74.6	74.7	74.9	75.3	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 6000	55.1	76.0	76.1	76.3	76.7	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 5000	56.0	77.2	77.3	77.5	77.8	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 4500	56.6	78.3	78.4	78.6	78.9	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 4000	57.0	79.0	79.1	79.5	79.9	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 3500	57.2	79.2	79.4	79.7	80.1	80.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 3000	58.2	80.8	80.9	81.2	81.6	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 2500	58.9	82.3	82.4	82.7	83.1	83.3	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 2000	60.3	84.6	84.7	85.1	85.5	85.7	86.1	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 1800	60.4	84.9	85.4	85.8	86.2	86.5	87.0	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 1500	60.6	85.9	86.5	87.0	87.4	87.6	88.2	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9
≥ 1200	60.9	86.0	86.6	87.2	87.7	88.1	88.7	89.1	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.6
≥ 1000	60.8	86.1	86.7	87.3	88.0	88.4	89.1	89.6	89.7	89.8	89.9	89.9	90.0	90.1	90.1	90.2
≥ 900	60.9	86.2	87.0	87.6	88.4	88.8	89.8	90.2	90.3	90.4	90.6	90.6	90.9	91.0	91.1	91.4
≥ 800	60.9	86.6	87.4	88.2	88.9	89.6	90.8	91.5	91.7	91.8	92.2	92.2	92.4	92.5	92.6	92.9
≥ 700	60.9	86.6	87.4	88.2	89.4	90.0	91.6	93.0	93.5	93.9	94.3	94.3	94.5	94.8	94.9	95.4
≥ 600	60.9	86.6	87.5	88.4	89.6	90.2	92.2	93.7	94.4	94.8	95.3	95.5	95.8	96.1	96.2	96.7
≥ 500	60.9	86.6	87.5	88.4	89.6	90.2	92.3	94.0	95.1	95.7	96.2	96.5	97.0	97.3	97.8	99.0
≥ 400	60.9	86.6	87.5	88.4	89.6	90.2	92.3	94.0	95.1	95.7	96.3	96.6	97.3	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 [illegible]	FORBES FLD KS	63-70,74-75	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-05[illegible]
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.5	58.7	58.8	58.8	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 20000	43.0	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥ 18000	43.0	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥ 16000	43.1	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥ 14000	43.0	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥ 12000	44.1	61.3	61.4	61.4	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2
≥ 10000	45.7	63.0	63.1	63.1	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
≥ 9000	45.9	63.5	63.7	63.7	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥ 8000	48.4	66.0	66.1	66.1	66.2	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9
≥ 7000	48.7	66.6	66.7	66.7	66.8	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5
≥ 6000	49.6	68.8	68.9	68.9	69.0	69.0	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
≥ 5000	50.3	69.9	70.0	70.0	70.1	70.1	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9
≥ 4500	50.5	70.3	70.4	70.4	70.5	70.5	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3
≥ 4000	51.4	72.4	72.5	72.5	72.6	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
≥ 3500	52.2	73.7	73.9	73.9	74.0	74.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7
≥ 3000	52.3	74.0	74.2	74.2	74.3	74.3	74.7	74.8	74.8	74.8	74.9	74.8	74.8	74.8	74.8	75.1
≥ 2500	54.3	76.9	77.1	77.1	77.2	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.0
≥ 2000	55.8	78.8	79.0	79.0	79.1	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9
≥ 1800	55.9	79.2	79.5	79.5	79.6	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 1500	56.6	80.5	80.8	80.8	81.0	81.0	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥ 1200	57.1	81.5	81.7	81.7	81.9	81.9	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1
≥ 1000	57.7	83.4	83.8	84.1	84.4	84.4	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥ 900	57.8	84.1	84.4	84.7	85.1	85.1	85.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.3
≥ 800	58.2	84.8	85.5	85.8	86.2	86.2	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.5
≥ 700	58.4	85.7	86.5	86.8	87.2	87.4	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.8
≥ 600	58.4	85.8	86.6	87.0	87.4	87.6	88.4	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	89.0
≥ 500	58.8	87.0	88.0	88.4	88.9	89.1	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.5
≥ 400	58.9	87.2	88.3	88.9	89.9	90.3	91.3	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.8	92.0
≥ 300	59.9	87.6	88.7	89.5	90.5	91.0	92.2	92.8	93.2	93.3	94.0	94.0	94.1	94.1	94.1	94.6
≥ 200	59.9	87.6	88.7	89.5	90.6	91.1	92.6	93.3	94.0	94.2	95.3	95.4	95.7	95.7	96.0	96.6
≥ 100	58.9	87.6	88.7	89.5	90.8	91.2	92.9	93.8	94.4	94.8	96.0	96.5	96.9	97.0	97.3	98.2
≥ 0	58.9	87.6	88.7	89.5	90.8	91.2	92.9	93.8	94.4	94.8	96.1	96.7	97.1	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-21	FORBES FLD KS	63-70,74-75	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.3	55.6	56.6	56.8	57.1	57.1	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	39.5	56.6	57.5	57.7	58.1	58.1	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	39.5	56.6	57.5	57.7	58.1	58.1	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	39.5	56.6	57.5	57.7	58.1	58.1	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	39.5	56.8	57.7	58.0	58.3	58.3	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	39.7	57.1	58.1	58.3	58.6	58.6	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	42.9	60.8	61.8	62.0	62.4	62.4	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	42.9	60.9	61.9	62.2	62.5	62.5	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	45.3	63.7	64.7	64.9	65.3	65.3	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	46.1	64.6	65.7	65.9	66.2	66.2	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	46.7	66.2	67.4	67.6	68.0	68.0	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	47.1	66.9	68.1	68.3	68.6	68.6	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4500	48.0	68.0	69.1	69.4	69.7	69.7	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	48.5	68.7	70.0	70.2	70.5	70.5	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3500	48.9	69.2	70.6	70.9	71.2	71.2	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	49.6	70.2	71.6	71.8	72.2	72.2	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	50.8	72.3	73.7	73.9	74.2	74.2	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2000	52.2	74.2	75.6	75.8	76.1	76.2	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1800	52.4	74.6	76.1	76.3	76.7	76.8	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1500	53.2	75.9	77.3	77.8	78.3	78.4	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	54.0	77.0	78.4	79.0	79.6	79.8	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	54.9	78.7	80.3	81.0	81.5	81.7	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 900	55.2	79.1	80.9	81.5	82.2	82.4	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7
≥ 800	55.5	80.2	81.9	82.7	83.3	83.5	84.6	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 700	55.6	80.9	82.6	83.7	84.5	84.8	85.9	86.3	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8
≥ 600	55.7	81.3	83.1	84.2	85.1	85.5	86.7	87.1	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6
≥ 500	55.7	82.0	84.3	85.9	86.9	87.3	88.5	89.0	89.0	89.4	89.7	89.7	89.8	89.8	89.8	89.8
≥ 400	55.9	82.6	85.3	87.1	88.2	88.8	90.3	90.9	90.9	91.2	91.6	91.6	91.7	91.7	91.7	91.8
≥ 300	55.9	82.7	85.4	87.2	88.3	88.9	90.5	91.9	92.0	92.6	93.5	93.5	93.8	93.9	93.9	94.0
≥ 200	55.9	82.7	85.4	87.2	88.4	89.0	90.6	92.0	92.4	93.2	94.3	94.3	94.7	94.8	95.4	95.9
≥ 100	55.9	82.7	85.4	87.2	88.4	89.0	90.6	92.2	92.7	93.7	94.7	94.7	95.5	95.6	96.2	97.5
≥ 0	55.9	82.7	85.4	87.2	88.4	89.0	90.6	92.2	92.7	93.7	94.7	94.8	95.7	96.0	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13720	FORBES FLD KS	63-70,74-75	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥½	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
NO CEILING	34.2	54.6	55.7	55.9	56.0	56.0	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	36.1	56.6	57.6	57.8	58.0	58.0	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	36.3	56.8	57.8	58.1	58.2	58.2	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 17000	36.3	56.8	57.8	58.1	58.2	58.2	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	36.5	57.1	58.2	58.4	58.5	58.5	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 15000	37.7	59.0	60.1	60.3	60.5	60.5	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	39.8	61.9	63.0	63.2	63.4	63.4	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 13000	40.2	62.8	63.9	64.1	64.3	64.3	64.7	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	41.1	64.2	65.3	65.5	65.7	65.7	66.1	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
≥ 11000	41.3	65.3	66.3	66.6	66.8	66.8	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	42.4	66.6	67.7	68.0	68.2	68.2	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	42.9	67.7	69.0	69.2	69.5	69.5	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	43.4	68.5	69.9	70.2	70.5	70.5	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	43.7	68.7	70.1	70.4	71.0	71.0	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6500	43.9	69.4	70.8	71.1	71.6	71.6	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	44.1	70.0	71.4	71.7	72.4	72.4	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5500	44.6	70.8	72.2	72.5	73.2	73.3	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	45.5	72.4	73.8	74.1	75.4	75.6	76.2	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	45.5	72.5	73.9	74.2	75.5	75.9	76.6	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	46.0	74.1	75.5	75.8	77.1	77.8	78.6	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7
≥ 3500	46.1	74.6	76.0	76.3	77.6	78.4	79.1	79.9	80.3	80.3	80.6	80.8	80.8	80.8	80.8	80.9
≥ 3000	46.5	75.8	77.3	77.6	79.0	79.9	80.8	81.5	81.9	81.9	82.4	82.5	82.5	82.5	82.5	82.6
≥ 2500	46.6	76.7	78.6	78.9	80.4	81.4	82.3	83.1	83.5	83.5	84.0	84.1	84.1	84.1	84.1	84.2
≥ 2000	46.9	77.2	79.1	79.7	81.2	82.2	83.1	84.1	84.5	84.7	85.2	85.3	85.3	85.3	85.3	85.4
≥ 1800	46.9	77.5	79.7	80.8	82.7	83.7	84.7	85.9	86.3	86.6	87.0	87.1	87.1	87.1	87.1	87.2
≥ 1700	46.3	77.7	79.9	81.0	83.0	84.5	85.8	87.4	88.0	88.2	88.6	88.7	88.7	88.8	88.9	89.0
≥ 1600	46.9	78.2	80.5	81.7	84.0	85.5	87.0	89.1	90.0	90.2	90.6	90.8	90.8	91.0	91.1	91.2
≥ 1500	46.9	78.3	80.9	82.2	84.5	86.1	88.0	90.8	91.6	91.9	92.6	92.7	92.8	93.3	93.4	93.5
≥ 1400	46.9	78.3	81.0	82.3	84.6	86.5	88.8	91.8	92.8	93.4	94.5	94.6	94.8	95.4	95.5	95.6
≥ 1300	46.9	78.3	81.0	82.3	84.7	86.6	89.1	92.2	93.1	93.9	95.1	95.4	95.8	96.3	96.6	97.0
≥ 1200	46.9	78.3	81.0	82.3	84.8	86.7	89.2	92.3	93.2	94.0	95.4	95.7	96.3	97.0	97.3	99.2
≥ 1100	46.9	78.3	81.0	82.3	84.8	86.7	89.2	92.3	93.2	94.0	95.4	95.7	96.5	97.2	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723	FORBES FLD KS	63-73,74-75	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	36.7	57.7	58.2	58.2	58.2	58.2	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	38.7	59.8	60.2	60.2	60.2	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	39.7	59.8	60.2	60.2	60.2	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 6000	38.8	59.9	60.3	60.3	60.3	60.3	60.4	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	39.1	60.4	60.9	60.9	60.9	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	41.3	63.4	63.9	63.9	63.9	63.9	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	42.6	66.5	66.9	67.0	67.0	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	42.6	66.6	67.0	67.1	67.1	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 8000	43.2	67.5	68.1	68.2	68.2	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	44.0	68.8	69.4	69.5	69.5	69.5	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	44.5	70.3	70.9	71.0	71.0	71.1	71.2	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	44.3	70.9	71.4	71.5	71.5	71.6	71.7	71.9	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	45.1	71.2	71.7	71.9	71.9	72.0	72.2	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	45.6	72.3	72.6	72.8	72.8	72.9	73.1	73.4	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	45.7	72.2	72.7	72.9	72.9	73.0	73.2	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3000	45.9	72.5	73.0	73.2	73.2	73.3	73.5	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	46.3	74.2	74.7	75.1	75.1	75.2	75.4	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	47.7	75.9	76.5	76.8	76.9	77.0	77.2	77.6	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800	48.1	76.5	77.1	77.3	77.4	77.6	78.0	78.4	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1500	48.9	78.3	78.9	79.2	79.6	79.8	80.3	80.8	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	49.4	80.2	81.2	81.5	82.2	82.5	83.1	83.7	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1000	49.3	81.1	82.4	82.8	83.5	84.0	84.6	85.2	85.4	85.5	85.8	85.8	85.9	85.9	85.9	85.9
≥ 900	49.8	82.0	83.3	83.9	84.9	85.4	86.0	86.6	86.8	86.9	87.3	87.3	87.4	87.4	87.4	87.4
≥ 800	49.8	82.8	84.2	84.7	86.3	86.8	87.6	88.4	88.6	88.7	89.1	89.1	89.2	89.2	89.2	89.2
≥ 700	49.8	83.3	85.1	85.6	87.7	88.3	89.2	90.3	90.5	90.6	91.1	91.1	91.2	91.2	91.2	91.2
≥ 600	49.9	83.5	85.4	86.1	88.5	89.1	90.2	91.4	91.6	91.7	92.2	92.2	92.3	92.3	92.3	92.3
≥ 500	49.8	83.8	85.7	86.5	89.1	90.1	91.4	92.9	93.2	93.3	93.8	93.8	93.9	94.0	94.0	94.0
≥ 400	49.8	83.8	85.9	86.9	89.9	91.0	92.5	94.1	94.6	94.7	95.2	95.2	95.5	95.6	95.6	95.8
≥ 300	49.8	83.8	85.9	87.0	90.0	91.2	92.8	94.6	95.5	95.7	96.2	96.2	96.6	96.7	96.7	96.9
≥ 200	49.9	83.8	85.9	87.0	90.0	91.2	92.9	94.9	95.9	96.5	97.3	97.3	98.0	98.1	98.1	98.3
≥ 100	49.9	83.8	85.9	87.0	90.0	91.2	92.9	94.9	95.9	96.6	97.5	97.8	98.6	98.7	98.8	99.5
≥ 0	49.8	83.8	85.9	87.0	90.0	91.2	92.9	94.9	95.9	96.6	97.5	97.8	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723	FORBES FLD KS	63-70,74-75	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	39.7	59.2	59.6	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	40.9	61.1	61.4	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	40.9	61.2	61.5	61.7	61.7	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	40.3	61.4	61.7	61.9	61.9	61.9	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	41.3	61.8	62.2	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	42.9	64.1	64.4	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	44.7	67.1	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	44.9	67.7	68.1	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	46.1	69.6	69.9	70.4	70.5	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	46.7	70.3	70.6	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	47.2	71.6	71.9	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	47.8	72.9	73.2	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	48.0	73.0	73.3	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	48.4	73.5	73.9	74.5	74.7	74.7	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	48.8	74.3	74.6	75.3	75.5	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	49.2	75.3	75.7	76.3	76.6	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	50.1	77.6	78.3	79.1	79.5	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	50.9	79.0	79.7	80.5	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4
≥ 1800	51.2	80.1	81.0	81.9	82.5	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9
≥ 1500	51.8	81.8	82.8	83.8	84.5	84.5	84.8	84.8	84.9	84.9	85.1	85.2	85.3	85.3	85.3	85.3
≥ 1200	52.3	83.1	84.2	85.2	86.0	86.0	86.3	86.3	86.5	86.5	86.6	86.7	86.8	86.8	86.8	86.8
≥ 1000	52.7	84.4	85.6	86.7	87.8	88.0	88.4	88.5	88.7	89.0	89.2	89.4	89.5	89.5	89.5	89.5
≥ 900	52.9	84.6	86.1	87.3	88.6	88.7	89.1	89.2	89.5	89.9	90.1	90.2	90.4	90.4	90.4	90.4
≥ 800	52.9	84.8	86.5	87.6	88.9	89.0	89.5	89.6	89.8	90.2	90.4	90.5	90.8	90.8	90.8	90.8
≥ 700	52.9	84.9	86.7	87.8	89.7	90.0	90.6	90.9	91.1	91.5	91.7	91.8	92.0	92.2	92.2	92.4
≥ 600	52.9	85.1	86.9	88.1	89.9	90.2	90.9	91.4	91.6	92.0	92.3	92.4	92.6	92.7	92.7	92.9
≥ 500	52.9	85.2	87.1	88.3	90.5	91.1	92.2	93.3	93.5	94.0	94.2	94.3	94.5	94.6	94.6	94.9
≥ 400	52.9	85.5	87.4	88.8	91.7	92.3	93.3	94.9	95.4	95.8	96.1	96.2	96.5	96.6	96.6	96.9
≥ 300	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.0	96.7	97.2	97.5	97.6	97.8	98.0	98.0	98.3
≥ 200	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.3	96.8	97.4	98.0	98.1	98.7	98.9	98.9	99.2
≥ 100	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.3	96.8	97.4	98.1	98.3	99.1	99.4	99.4	99.8
≥ 0	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.3	96.8	97.5	98.2	98.4	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13921	FORBES FLD KS	63-70, 74-75	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.7	61.0	61.3	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	43.4	61.4	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	43.4	61.4	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	43.7	61.6	61.9	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	43.9	62.0	62.4	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	46.1	64.7	65.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	48.5	67.2	67.6	67.6	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	49.2	68.7	69.1	69.1	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	51.1	70.9	71.3	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	52.7	71.9	72.5	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	52.3	72.4	72.9	72.9	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	52.8	73.3	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 4500	53.1	73.9	74.4	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
≥ 4000	54.5	75.4	75.9	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5
≥ 3500	54.9	75.8	76.3	76.3	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 3000	56.1	77.3	77.8	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 2500	57.8	80.2	81.1	81.1	81.6	81.7	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 2000	59.1	81.9	82.8	82.8	83.3	83.4	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 1800	59.6	82.6	83.4	83.4	84.0	84.1	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 1500	60.3	83.9	84.8	84.8	85.4	85.6	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 1200	60.8	84.6	85.8	85.8	86.5	86.7	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1000	60.9	85.1	86.3	86.3	87.0	87.3	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 900	60.8	85.2	86.7	86.9	87.6	88.0	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 800	60.9	85.5	87.1	87.3	88.3	88.6	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 700	61.0	85.6	87.4	88.2	89.4	89.9	90.6	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.6
≥ 600	61.0	85.6	87.4	88.2	89.5	90.0	91.0	91.2	91.4	91.7	91.7	91.7	91.7	91.8	91.9	92.4
≥ 500	61.0	85.8	87.6	88.5	90.1	90.6	91.7	92.0	92.3	92.7	92.7	92.7	92.7	92.8	92.9	93.3
≥ 400	61.0	86.0	88.1	89.1	90.9	91.4	92.9	93.8	94.2	94.6	94.7	94.7	94.7	94.8	94.9	95.4
≥ 300	61.1	86.1	88.2	89.5	91.4	92.0	93.5	95.1	95.7	96.1	96.3	96.3	96.9	96.9	97.0	97.4
≥ 200	61.1	86.3	88.4	89.7	91.6	92.4	94.2	95.9	96.6	97.0	97.3	97.5	98.1	98.2	98.3	98.7
≥ 100	61.1	86.3	88.5	89.8	91.7	92.5	94.3	96.2	97.1	97.5	98.1	98.3	98.8	98.9	99.2	99.5
≥ 0	61.1	86.3	88.5	89.8	91.7	92.5	94.3	96.2	97.1	97.5	98.2	98.4	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]2	FORBES FLD KS	63-70,74-75	JAN

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	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ [illegible]
NO CEILING	47.2	62.9	62.9	63.0	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	47.5	63.2	63.2	63.3	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	47.5	63.2	63.2	63.3	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 17000	47.7	63.7	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	47.7	63.7	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	49.2	65.6	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	50.3	67.7	67.7	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	51.1	68.4	68.4	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	52.4	70.1	70.1	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	53.4	71.6	71.7	71.8	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	53.7	72.2	72.3	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	54.1	72.6	72.7	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 4500	55.4	74.6	74.7	74.8	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5
≥ 4000	56.1	75.5	75.6	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3
≥ 3500	56.9	76.7	76.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6
≥ 3000	57.1	77.1	77.5	77.6	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3
≥ 2500	57.8	79.0	79.5	79.6	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3
≥ 2000	59.2	81.0	81.4	81.5	81.6	81.6	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.5
≥ 1800	59.8	82.0	82.6	82.7	82.9	82.9	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.8
≥ 1500	60.9	83.5	84.1	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.3
≥ 1200	61.3	84.5	85.1	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	86.2
≥ 1000	61.9	85.5	86.1	86.1	86.3	86.5	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.3
≥ 900	61.3	85.9	86.6	86.7	86.9	87.0	87.3	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	88.1
≥ 800	62.1	86.2	87.1	87.3	87.6	87.7	88.1	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.8
≥ 700	62.2	87.1	88.0	88.3	88.7	88.9	89.4	89.7	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.4
≥ 600	62.5	87.7	88.6	88.9	89.5	89.7	90.3	90.6	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.7
≥ 500	62.5	87.7	88.9	89.4	90.5	90.9	91.6	91.9	92.4	92.6	92.8	92.8	93.0	93.1	93.1	93.7
≥ 400	62.6	88.3	89.6	90.1	91.3	91.6	92.5	92.9	93.3	93.5	93.8	93.8	94.0	94.1	94.1	94.6
≥ 300	62.6	88.4	89.7	90.2	91.5	91.8	92.8	93.4	94.1	94.4	94.6	94.6	94.9	95.1	95.1	95.6
≥ 200	62.6	88.4	90.0	90.5	91.9	92.3	93.4	94.4	95.5	95.9	96.5	96.5	97.2	97.4	97.4	98.3
≥ 100	62.6	88.4	90.0	90.5	91.9	92.3	93.5	94.6	95.7	96.1	96.8	96.8	98.1	98.5	98.6	99.7
≥ 0	62.6	88.4	90.0	90.5	91.9	92.3	93.5	94.6	95.7	96.1	96.9	96.9	98.3	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]7

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] 2 — STATION
FORBES FLD KS — STATION NAME
63-70,74-75 — YEARS
JAN — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	40.9	59.2	59.6	59.7	59.9	59.9	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	42.0	60.4	60.8	60.9	61.0	61.0	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 18000	42.1	60.4	60.8	61.0	61.1	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 16000	42.1	60.6	61.0	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	42.3	60.8	61.2	61.3	61.4	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 12000	43.7	62.7	63.1	63.2	63.3	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 10000	45.6	65.2	65.6	65.8	65.9	65.9	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	45.9	65.9	66.3	66.5	66.6	66.6	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	47.4	67.7	68.2	68.3	68.5	68.5	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	48.1	68.7	69.2	69.4	69.5	69.5	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 6000	48.6	69.9	70.4	70.6	70.8	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 5000	49.2	70.9	71.4	71.6	71.8	71.8	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4
≥ 4500	49.7	71.7	72.2	72.4	72.6	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 4000	50.3	72.6	73.2	73.4	73.6	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 3500	50.3	73.4	74.0	74.2	74.4	74.4	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1
≥ 3000	51.3	74.2	74.8	75.0	75.3	75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 2500	52.4	76.2	76.9	77.1	77.4	77.5	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2
≥ 2000	53.4	77.8	78.5	78.8	79.2	79.2	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1
≥ 1800	53.7	78.3	79.1	79.4	79.8	79.9	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8
≥ 1500	54.5	79.9	80.6	81.0	81.5	81.7	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7
≥ 1200	55.0	81.0	81.8	82.2	82.8	83.0	83.6	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.2
≥ 1000	55.6	82.3	83.3	83.7	84.4	84.7	85.3	85.5	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.1
≥ 900	55.7	82.8	84.0	84.5	85.2	85.5	86.1	86.5	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.1
≥ 800	55.8	83.4	84.7	85.3	86.2	86.5	87.2	87.5	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.2
≥ 700	55.9	83.9	85.3	86.0	87.2	87.6	88.4	88.9	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.7
≥ 600	56.0	84.1	85.6	86.3	87.6	88.1	89.0	89.7	89.9	90.1	90.3	90.3	90.4	90.4	90.5	90.6
≥ 500	56.0	84.5	86.1	87.0	88.6	89.2	90.3	91.1	91.4	91.6	91.8	91.9	92.0	92.1	92.1	92.4
≥ 400	56.1	84.8	86.6	87.7	89.4	90.1	91.4	92.5	92.9	93.2	93.5	93.5	93.7	93.8	93.8	94.1
≥ 300	56.1	84.9	86.7	87.8	89.7	90.5	92.1	93.6	94.2	94.6	95.1	95.2	95.4	95.6	95.6	96.0
≥ 200	56.1	84.9	86.8	87.9	89.9	90.7	92.4	94.1	94.8	95.4	96.1	96.2	96.7	96.9	97.1	97.5
≥ 100	56.1	84.9	86.8	88.0	89.9	90.7	92.5	94.3	95.1	95.7	96.6	96.8	97.5	97.8	98.1	99.1
≥ 0	56.1	84.9	86.8	88.0	89.9	90.7	92.5	94.3	95.1	95.7	96.7	96.9	97.7	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1 2 — STATION
FORBES FLD KS — STATION NAME
53-70,74-75 — YEARS
FEB — MONTH
0000-0200 — 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	≥7/16	≥¼	≥0
NO CEILING	49.1	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7
≥ 20000	49.7	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4
≥ 18000	49.7	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4
≥ 17000	49.7	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4
≥ 16000	50.1	61.4	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 15000	50.2	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7
≥ 14000	51.1	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3
≥ 13000	51.6	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9
≥ 12000	52.3	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0
≥ 11000	52.3	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
≥ 10000	54.6	69.3	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7
≥ 9000	56.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8
≥ 8000	58.1	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0
≥ 7000	58.7	74.7	74.9	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0
≥ 6000	59.9	76.3	76.4	76.4	76.4	76.6	76.7	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
≥ 5000	60.7	77.6	78.1	78.0	78.0	78.1	78.2	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
≥ 4500	62.4	80.9	81.4	81.5	81.5	81.7	81.8	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1
≥ 4000	63.6	82.6	83.1	83.2	83.3	83.4	83.6	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
≥ 3500	63.8	82.7	83.2	83.3	83.4	83.6	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0
≥ 3000	64.1	83.8	84.3	84.4	84.6	84.7	84.9	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3
≥ 2500	65.6	85.9	86.5	86.6	87.0	87.1	87.2	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8
≥ 2000	65.8	87.8	88.6	89.1	89.5	89.6	89.8	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4
≥ 1800	65.8	88.4	89.2	89.7	90.1	90.2	90.4	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 1600	65.8	89.0	89.8	90.3	90.8	90.9	91.1	91.7	91.8	91.8	92.0	92.1	92.2	92.2	92.2	92.2
≥ 1400	65.8	89.3	90.3	90.8	91.2	91.4	91.6	92.2	92.3	92.3	92.4	92.5	92.7	92.7	92.7	92.7
≥ 1200	65.8	89.3	90.3	90.8	91.2	91.4	91.6	92.2	92.3	92.3	92.4	92.5	92.7	92.7	92.7	92.7
≥ 1000	65.9	89.6	90.5	91.5	92.2	92.3	92.7	93.4	93.5	93.5	93.6	93.7	93.8	93.8	93.8	93.8
≥ 900	65.9	89.8	91.0	92.1	93.3	93.7	94.1	95.5	96.1	96.1	96.2	96.3	96.4	96.4	96.4	96.4
≥ 800	65.9	89.8	91.1	92.2	93.5	94.0	94.4	95.9	96.8	96.9	97.2	97.3	97.4	97.4	97.4	97.4
≥ 700	65.9	89.8	91.1	92.3	93.6	94.1	94.7	96.2	97.4	97.5	97.8	97.9	98.0	98.0	98.3	98.3
≥ 600	65.9	89.8	91.1	92.3	93.6	94.1	94.7	96.2	97.4	97.5	97.9	98.0	98.5	98.6	98.9	99.5
≥ 500	65.9	89.8	91.1	92.3	93.6	94.1	94.7	96.2	97.4	97.5	97.9	98.0	98.5	98.6	98.9	100.0
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 547

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1012 | FORBES FLD KS | 63-70,74-75 | FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	47.6	57.7	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9
≥ 20000	48.7	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 18000	48.7	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 17000	48.7	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 14000	49.2	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.4
≥ 12000	49.5	59.7	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.9
≥ 10000	51.2	61.7	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.9
≥ 9000	51.3	61.8	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0
≥ 8000	52.0	63.9	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1
≥ 7000	52.8	65.2	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4
≥ 6000	54.4	67.5	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.4	68.4	68.4	68.8
≥ 5000	56.3	69.1	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.4
≥ 4500	57.6	71.0	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.5
≥ 4000	58.3	72.1	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5
≥ 3500	58.5	72.7	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2
≥ 3000	60.2	74.8	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.4
≥ 2500	60.8	76.5	77.3	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.1
≥ 2000	62.9	79.6	80.4	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.2
≥ 1800	62.9	80.0	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.7
≥ 1500	64.2	81.9	82.9	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.2
≥ 1200	65.1	83.6	84.5	85.1	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.3
≥ 1000	65.6	84.5	85.5	86.3	86.9	87.0	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.6
≥ 900	65.7	85.6	86.5	87.4	88.1	88.2	88.5	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.4
≥ 800	65.8	86.4	87.5	88.5	89.6	89.7	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.9
≥ 700	65.8	86.6	87.7	88.8	90.0	90.1	90.4	90.4	90.7	90.8	90.8	90.9	90.9	90.9	90.9	91.3
≥ 600	65.8	86.8	87.9	89.4	90.5	90.8	91.1	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6	92.0
≥ 500	65.9	86.9	88.1	89.5	90.7	90.9	91.5	91.8	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.8
≥ 400	65.8	87.1	88.3	90.2	91.6	92.0	92.7	93.1	93.7	94.0	94.1	94.3	94.3	94.4	94.7	95.3
≥ 300	65.8	87.2	88.4	90.3	91.8	92.2	93.0	94.0	94.7	95.3	95.4	95.6	95.6	95.7	96.0	96.3
≥ 200	65.9	87.2	88.4	90.3	91.8	92.3	93.4	94.3	95.4	96.0	96.3	96.6	96.6	96.7	97.0	97.4
≥ 100	65.8	87.2	88.4	90.3	91.8	92.3	93.4	94.4	95.5	96.1	96.7	96.9	97.3	97.8	98.6	99.5
≥ 0	65.8	87.2	88.4	90.3	91.8	92.3	93.4	94.6	95.6	96.2	96.8	97.0	97.4	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923	FORBES FLD KS	63-70,74-75	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.8	56.7	57.4	57.9	58.3	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.9
≥ 20000	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 18000	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 16000	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 14000	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 12000	44.0	58.0	58.7	59.2	59.6	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2
≥ 10000	45.3	59.8	60.5	61.0	61.3	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9
≥ 9000	45.9	60.6	61.3	61.8	62.2	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.8
≥ 8000	47.3	63.2	63.9	64.7	65.0	65.0	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 7000	48.2	64.7	65.5	66.3	66.7	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3
≥ 6000	49.6	66.8	67.6	68.4	68.8	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4
≥ 5000	50.5	67.6	68.4	69.3	69.7	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 4500	51.5	69.4	70.2	71.2	71.6	71.6	7 .7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 4000	51.7	69.6	70.4	71.4	71.9	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.5
≥ 3500	52.7	70.4	71.3	72.2	72.7	72.7	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4
≥ 3000	52.7	71.6	72.5	73.4	73.9	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.6
≥ 2500	54.0	73.6	74.6	75.7	76.1	76.1	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 2000	55.1	74.9	75.9	77.0	77.5	77.5	77.9	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.6
≥ 1800	55.4	75.4	76.4	77.4	78.0	78.0	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	79.1
≥ 1500	56.4	77.3	78.4	79.7	80.4	80.4	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.4
≥ 1200	57.4	79.8	80.9	82.3	83.3	83.3	83.7	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.4
≥ 1000	57.3	80.6	81.7	83.2	84.3	84.3	84.8	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.6
≥ 900	58.0	81.0	82.0	83.8	84.9	84.9	85.5	85.7	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.3
≥ 800	58.3	81.6	83.0	84.9	86.3	86.3	87.0	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	88.1
≥ 700	58.4	82.3	83.7	85.6	87.1	87.2	87.9	88.4	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.1
≥ 600	58.4	82.6	84.0	86.2	87.8	88.3	89.2	89.7	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.4
≥ 500	58.4	82.6	84.2	86.5	88.4	89.0	90.1	90.8	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.6
≥ 400	58.4	82.7	84.3	86.9	88.9	89.6	91.0	91.8	92.0	92.2	92.4	92.4	92.4	92.4	92.6	93.1
≥ 300	58.4	83.0	84.5	87.1	89.4	90.2	91.7	92.7	93.1	93.6	94.3	94.3	94.6	94.6	94.7	95.4
≥ 200	58.4	83.0	84.5	87.1	89.5	90.4	92.0	93.0	93.7	94.4	96.1	96.2	96.6	96.6	97.0	97.8
≥ 100	58.4	83.0	84.5	87.1	89.5	90.4	92.0	93.0	94.0	94.7	96.3	96.5	96.9	97.3	97.9	99.1
≥ 0	58.4	83.0	84.5	87.1	89.5	90.4	92.0	93.0	94.0	94.7	96.3	96.5	96.9	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 244

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723	FORBES FLD KS	63-70,74-75	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.9	54.6	55.3	55.6	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	38.5	56.4	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	38.5	56.4	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	38.5	56.5	57.2	57.4	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	38.5	56.5	57.2	57.4	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	38.8	57.3	58.2	58.4	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	39.7	58.7	59.6	59.8	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	40.3	59.7	60.5	60.8	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	41.1	61.8	62.6	62.9	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	42.2	63.5	64.3	64.7	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000	43.0	65.4	66.2	66.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	43.4	66.2	67.4	67.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4500	44.0	67.6	68.9	69.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	44.3	68.3	69.9	70.2	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	44.3	68.4	70.1	70.4	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	44.8	69.0	70.7	71.2	72.6	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	45.9	70.8	72.5	72.9	74.3	74.3	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	46.9	73.5	75.2	75.7	77.2	77.3	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	47.3	74.3	76.1	76.6	78.1	78.3	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	48.2	76.5	79.0	79.6	81.3	81.7	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1200	48.8	77.5	80.3	81.1	83.0	83.3	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	48.9	77.9	81.1	81.9	84.4	84.8	85.1	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	48.9	78.0	81.1	82.0	84.5	84.9	85.6	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800	48.9	78.3	81.7	82.6	85.5	85.8	86.6	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	48.9	78.5	82.2	83.2	86.2	86.5	87.5	88.2	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	48.9	78.7	82.4	83.8	87.0	87.5	88.7	89.5	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	48.9	78.7	82.7	84.3	87.6	88.1	89.8	90.9	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	48.9	78.8	83.1	85.1	88.4	89.0	91.1	93.3	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	48.9	78.8	83.1	85.1	88.5	89.2	91.7	94.2	94.4	95.2	95.6	95.7	95.7	95.7	96.2	96.3
≥ 200	48.9	78.8	83.1	85.1	88.5	89.2	91.8	94.6	94.9	96.5	97.4	97.8	97.9	97.9	98.6	98.8
≥ 100	48.9	78.8	83.1	85.1	88.5	89.2	91.8	94.6	94.9	96.6	97.8	98.1	98.3	98.5	99.3	99.9
≥ 0	48.9	78.8	83.1	85.1	88.5	89.2	91.8	94.6	94.9	96.6	97.8	98.1	98.3	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923 (STATION) | FORBES FLD KS (STATION NAME) | 63-70,74-75 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.5	59.3	59.3	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	42.4	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	42.9	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	60.4	60.4
≥ 16000	42.3	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	60.4	60.4
≥ 14000	42.9	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	60.4	60.4
≥ 12000	43.4	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	44.8	63.4	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 9000	45.3	63.6	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	46.3	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	47.5	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	48.1	69.0	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	48.3	69.5	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	48.5	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	49.2	71.5	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	49.3	71.7	72.2	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	49.6	72.5	72.9	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	50.6	74.1	74.6	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2000	52.6	78.0	78.5	78.7	79.2	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	53.2	79.2	79.7	79.9	80.5	80.7	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1500	54.4	81.7	82.2	82.7	83.5	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	54.9	83.3	84.4	85.1	85.9	86.2	86.4	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	55.1	83.9	85.1	86.2	87.2	87.5	87.8	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	55.1	84.2	85.6	86.9	88.2	88.7	89.1	89.5	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	55.1	84.2	86.2	87.8	89.4	90.0	90.7	91.0	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 700	55.1	84.4	86.5	88.4	90.3	90.9	92.1	92.4	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0
≥ 600	55.1	84.4	86.5	88.9	90.9	91.5	93.0	93.9	94.0	94.2	94.4	94.4	94.6	94.6	94.6	94.6
≥ 500	55.1	84.5	86.8	89.2	91.5	92.3	94.2	95.3	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	55.1	84.6	87.1	89.6	92.2	93.0	95.0	96.3	96.5	96.8	97.0	97.0	97.2	97.2	97.2	97.2
≥ 300	55.1	84.6	87.5	90.0	92.7	93.5	95.5	97.0	97.3	97.6	98.2	98.3	98.6	98.7	98.7	98.7
≥ 200	55.1	84.6	87.5	90.0	92.7	93.5	95.6	97.2	97.4	97.8	98.5	98.7	99.5	99.6	99.8	99.9
≥ 100	55.1	84.6	87.5	90.0	92.7	93.5	95.6	97.2	97.4	97.9	98.6	98.8	99.6	99.8	99.9	100.0
≥ 0	55.1	84.6	87.5	90.0	92.7	93.5	95.6	97.2	97.4	97.9	98.6	98.8	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 545

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]2	FORBES FLD KS	63-70,74-75	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-170[illegible]
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	43.6	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	60.5	60.5
≥ 20000	45.3	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
≥ 18000	45.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	45.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	45.6	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
≥ 12000	46.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	48.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	48.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	50.2	68.4	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
≥ 7000	51.1	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
≥ 6000	52.1	71.0	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	71.5
≥ 5000	52.4	71.7	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	72.3
≥ 4500	52.7	72.6	72.8	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	53.2	74.2	74.5	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	53.5	74.8	75.1	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	54.0	75.8	76.3	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	6.6	76.6
≥ 2500	54.8	77.5	77.9	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	57.0	81.8	82.4	82.7	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	57.3	82.5	83.1	83.6	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	58.3	85.0	85.9	86.4	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	58.5	85.9	87.2	87.7	87.8	87.8	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	58.5	86.4	88.1	89.0	89.7	89.7	89.7	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	58.5	86.8	88.8	89.8	90.8	91.0	91.3	91.7	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	58.5	87.0	89.2	90.5	91.5	91.8	92.2	92.8	92.8	92.9	93.1	93.1	93.1	93.3	93.3	93.3
≥ 700	58.5	87.1	89.4	90.9	92.1	92.4	93.0	93.7	93.7	94.0	94.2	94.2	94.2	94.3	94.3	94.3
≥ 600	58.5	87.8	90.1	91.6	92.9	93.4	94.2	95.2	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7
≥ 500	58.5	88.2	90.5	92.3	93.6	94.1	95.4	96.8	96.8	97.0	97.3	97.3	97.3	97.5	97.5	97.5
≥ 400	59.5	88.2	90.5	92.4	93.9	94.3	95.6	97.3	97.3	97.5	97.9	97.9	97.9	98.1	98.1	98.1
≥ 300	58.5	88.2	90.5	92.4	94.1	94.6	96.0	97.9	97.9	98.1	98.8	98.8	98.9	99.2	99.2	99.2
≥ 200	58.6	88.3	90.7	92.6	94.2	94.7	96.1	98.0	98.1	98.3	99.1	99.3	99.8	100.0	100.0	100.0
≥ 100	58.6	88.3	90.7	92.6	94.2	94.7	96.1	98.0	98.1	98.3	99.1	99.3	99.8	100.0	100.0	100.0
≥ 0	58.6	88.3	90.7	92.6	94.2	94.7	96.1	98.0	98.1	98.3	99.1	99.3	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2	FORBES FLD KS	63-70,74-75	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	47.7	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	48.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	48.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	48.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	49.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	50.3	63.8	64.1	64.1	64.1	64.1	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	52.4	66.6	67.0	67.0	67.0	67.0	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	52.9	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	55.0	69.6	69.9	69.9	69.9	69.9	69.9	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	56.3	71.0	71.4	71.4	71.4	71.4	71.4	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	57.3	72.4	72.8	72.9	72.9	72.9	72.9	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	57.6	73.6	74.0	74.2	74.2	74.2	74.2	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	58.1	75.1	75.5	75.7	75.7	75.7	75.7	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	58.3	76.1	76.4	76.7	76.7	76.7	76.7	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	59.1	77.6	78.0	78.2	78.2	78.2	78.2	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	59.8	79.4	79.8	80.0	80.0	80.0	80.0	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	60.7	80.5	81.1	81.5	81.5	81.5	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	61.7	82.4	83.1	83.6	83.6	83.6	83.6	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	62.1	83.6	84.3	84.7	84.7	84.7	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	63.3	86.3	87.2	87.8	87.8	87.8	88.0	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	63.4	87.3	88.3	88.9	89.0	89.0	89.2	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	63.7	88.4	89.3	90.4	90.8	91.0	91.4	91.5	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	63.7	88.9	89.9	91.0	91.5	91.7	92.2	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	63.9	89.7	90.9	92.1	92.7	92.9	93.7	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	63.9	89.9	91.1	92.3	93.0	93.3	94.1	94.6	94.8	95.0	95.1	95.1	95.3	95.4	95.4	95.4
≥ 600	63.9	90.1	91.2	92.4	93.3	93.5	94.3	94.9	95.3	95.5	95.6	95.6	95.7	95.9	95.9	95.9
≥ 500	63.9	90.3	91.5	92.8	94.0	94.2	95.1	96.1	96.6	96.8	96.9	96.9	97.0	97.2	97.2	97.2
≥ 400	63.9	90.4	91.6	92.9	94.2	94.7	95.9	97.2	97.9	98.1	98.3	98.3	98.5	98.6	98.6	98.6
≥ 300	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.6	98.8	98.8	99.1	99.2	99.2	99.2
≥ 200	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.7	98.9	98.9	99.2	99.3	99.3	99.3
≥ 100	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.7	99.1	99.1	99.4	99.8	99.8	99.9
≥ 0	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.7	99.1	99.1	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 345

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
47[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]-2	FORBES FLD KS	63-70,74-75	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	49.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	49.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	49.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	49.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	50.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	51.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	51.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	53.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	54.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	56.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	57.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	58.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	59.5	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	60.2	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	61.6	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	62.3	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	63.1	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	63.1	83.7	84.0	84.5	84.6	84.6	84.6	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	64.4	86.4	86.9	87.4	87.5	87.5	87.5	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	65.6	88.3	88.8	89.4	89.5	89.5	89.5	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	65.8	89.5	90.2	91.0	9[illegible].1	91.1	91.3	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	65.8	90.1	90.9	92.0	92.1	92.1	92.2	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	66.0	90.7	91.6	92.7	92.8	92.8	92.9	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	66.0	90.9	91.8	93.1	93.5	93.5	93.6	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	66.1	91.1	92.1	93.4	93.7	93.7	93.9	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	66.2	91.6	92.8	94.2	95.2	95.2	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	66.2	91.7	92.9	94.4	95.7	95.9	96.1	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	66.2	92.0	93.4	94.9	96.3	96.5	96.7	97.0	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	66.2	92.1	93.5	95.0	96.5	96.6	96.8	97.2	97.8	97.9	98.1	98.1	98.5	98.5	98.9	98.9
≥ 100	66.2	92.1	93.5	95.0	96.5	96.6	96.8	97.2	97.8	97.9	98.2	98.2	98.6	98.6	99.3	99.6
≥ 0	66.2	92.1	93.5	95.0	96.5	96.6	96.8	97.2	97.8	97.9	98.2	98.2	98.6	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723 | FORBES FLD KS | 63-70,74-75 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.7	58.9	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7
≥ 20000	45.3	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
≥ 18000	45.3	60.2	60.5	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 16000	45.9	60.2	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9
≥ 14000	46.1	60.4	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	46.6	61.2	61.5	61.6	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 10000	48.1	63.2	63.5	63.6	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 9000	48.4	63.6	64.0	64.1	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 8000	49.7	65.8	66.1	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
≥ 7000	50.7	67.3	67.7	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 6000	51.9	69.1	69.5	69.8	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 5000	52.7	70.3	70.8	71.0	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 4500	53.6	71.8	72.3	72.5	72.8	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1
≥ 4000	54.1	72.9	73.4	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	54.6	73.7	74.3	74.6	74.9	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 3000	55.4	75.1	75.7	76.0	76.3	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8
≥ 2500	56.4	77.0	77.7	78.1	78.4	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9
≥ 2000	57.8	79.6	80.3	80.7	81.1	81.2	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6
≥ 1800	58.1	80.2	80.9	81.4	81.8	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 1500	59.2	82.4	83.3	83.9	84.4	84.5	84.6	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0
≥ 1200	59.9	84.0	85.1	85.8	86.4	86.5	86.7	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 1000	60.2	84.9	86.2	87.1	88.0	88.1	88.4	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 900	60.2	85.4	86.8	87.8	88.8	88.9	89.3	89.7	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1
≥ 800	60.3	85.8	87.5	88.7	89.8	90.0	90.5	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.5
≥ 700	60.3	86.1	87.8	89.1	90.4	90.7	91.3	91.7	91.9	92.0	92.2	92.2	92.2	92.3	92.3	92.3
≥ 600	60.3	86.4	88.1	89.6	90.9	91.3	92.0	92.6	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.2
≥ 500	60.3	86.6	88.4	90.0	91.6	92.0	93.0	93.8	94.0	94.2	94.3	94.4	94.4	94.5	94.5	94.6
≥ 400	60.3	86.7	88.6	90.5	92.3	92.8	93.9	95.1	95.5	95.7	95.9	95.9	96.0	96.0	96.1	96.2
≥ 300	60.3	86.8	88.8	90.6	92.6	93.1	94.4	95.8	96.3	96.6	97.0	97.1	97.2	97.3	97.4	97.5
≥ 200	60.4	86.8	88.8	90.7	92.7	93.2	94.6	96.0	96.6	97.1	97.8	97.9	98.2	98.3	98.6	98.8
≥ 100	60.4	86.8	88.8	90.7	92.7	93.2	94.6	96.0	96.7	97.2	97.9	98.1	98.6	98.7	99.2	99.7
≥ 0	60.4	86.8	88.8	90.7	92.7	93.2	94.6	96.0	96.7	97.2	98.0	98.1	98.6	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2[illegible] | FORBES FLD KS | 63-70,74-75 | MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	50.9	63.0	63.5	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
≥ 20000	51.5	63.5	64.0	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
≥ 18000	51.5	63.5	64.0	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
≥ 6000	51.5	63.5	64.0	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
≥ 14000	51.6	63.7	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
≥ 12000	53.0	65.2	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3
≥ 10000	54.9	67.3	67.8	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4
≥ 9000	55.0	67.7	68.2	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8
≥ 8000	56.9	70.1	70.8	71.0	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 7000	57.8	71.4	72.1	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8
≥ 6000	59.1	73.3	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0	75.0
≥ 5000	60.5	75.0	75.9	76.1	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9
≥ 4500	61.4	76.1	77.0	77.2	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 4000	61.7	76.4	77.3	77.5	77.7	77.8	77.9	78.0	78.	78.0	78.0	78.0	78.0	78.0	78.3	78.3
≥ 3500	62.6	77.7	78.6	78.8	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7
≥ 3000	63.3	78.6	79.4	79.7	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5
≥ 2500	65.3	81.2	82.0	82.2	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1
≥ 2000	66.4	83.4	84.5	84.8	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7
≥ 1800	67.2	84.6	85.7	86.1	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0
≥ 1500	68.1	87.1	88.3	88.7	89.1	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8
≥ 1200	68.6	88.6	89.9	90.4	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5
≥ 1000	69.2	90.1	91.5	92.0	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1
≥ 900	69.6	91.1	92.5	93.0	93.4	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4
≥ 800	70.0	91.8	93.2	93.9	94.3	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.3	95.3
≥ 700	70.2	92.2	93.6	94.4	94.8	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.9	95.9
≥ 600	70.2	92.5	93.9	94.7	95.2	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.2	96.2
≥ 500	70.2	92.8	94.3	95.3	95.8	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.9	96.9
≥ 400	70.2	92.9	94.5	95.9	96.6	96.9	97.3	97.4	97.5	97.5	97.8	97.8	97.8	98.0	98.2	98.2
≥ 300	70.2	93.0	94.6	96.0	96.7	97.1	97.5	97.7	98.0	98.1	98.4	98.4	98.5	98.6	98.8	98.8
≥ 200	70.2	93.0	94.8	96.0	96.7	97.1	97.6	97.8	98.4	98.7	99.0	99.1	99.2	99.4	99.6	99.6
≥ 100	70.2	93.0	94.6	96.0	96.7	97.1	97.6	97.8	98.5	98.8	99.1	99.2	99.4	99.6	99.8	99.8
≥ 0	70.2	93.0	94.6	96.0	96.7	97.1	97.6	97.8	98.6	98.9	99.2	99.4	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723 | FORBES FLD KS | 63-70,74-75 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.5	60.3	61.0	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.9	62.2
≥ 20000	48.6	60.4	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.0	62.3
≥ 18000	48.6	60.4	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.0	62.3
≥ 16000	48.6	60.4	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.0	62.3
≥ 14000	48.6	60.4	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.0	62.3
≥ 12000	50.1	61.9	62.6	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.5	63.8
≥ 10000	53.0	65.5	66.1	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.1	67.3
≥ 9000	53.2	65.7	66.3	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.3	67.5
≥ 8000	54.2	66.8	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.4	68.6
≥ 7000	54.7	67.6	68.3	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.2	69.5
≥ 6000	56.1	69.7	70.3	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3	71.5
≥ 5000	57.5	71.5	72.2	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.1	73.4
≥ 4500	58.6	72.9	73.7	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.6	74.9
≥ 4000	59.4	73.8	74.5	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.5	75.8
≥ 3500	61.0	75.5	76.2	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.2	77.5
≥ 3000	61.4	76.1	76.9	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.8	78.2
≥ 2500	62.6	78.1	78.9	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.9	80.2
≥ 2000	64.7	81.3	82.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.5	83.9
≥ 1800	65.5	82.5	83.5	84.1	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.8	85.2
≥ 1500	66.6	84.7	85.9	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.4	87.7
≥ 1200	67.3	86.8	88.2	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.9	90.2
≥ 1000	67.8	88.3	89.7	90.6	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.5	91.8
≥ 900	67.8	89.0	90.5	91.6	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.5	92.8
≥ 800	68.2	89.6	91.1	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.1	93.4
≥ 700	68.2	90.1	91.6	92.8	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.8	94.1
≥ 600	68.2	90.4	91.9	93.1	93.4	93.4	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2	94.5
≥ 500	68.5	91.0	92.5	93.7	94.0	94.1	94.5	94.5	94.5	94.6	94.7	94.8	95.1	95.1	95.3	95.6
≥ 400	68.5	91.1	92.6	93.9	94.2	94.3	94.8	94.8	94.8	95.1	95.2	95.3	95.5	95.5	95.7	96.0
≥ 300	68.5	91.3	92.8	94.1	94.4	94.6	95.3	95.3	95.3	95.5	95.8	96.0	96.2	96.2	96.5	96.8
≥ 200	68.5	91.6	93.1	94.4	94.7	94.9	95.7	96.0	96.3	96.9	97.5	97.7	98.2	98.3	98.5	98.8
≥ 100	68.5	91.6	93.1	94.4	94.7	94.9	95.7	96.0	96.3	97.0	97.7	98.0	98.4	98.6	98.9	99.6
≥ 0	68.5	91.6	93.1	94.4	94.7	94.9	95.7	96.0	96.3	97.0	97.7	98.0	98.4	98.6	99.0	100.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923	FORBES FLD KS	63-70,74-75	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.5	55.3	56.2	57.0	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	58.2
≥ 20000	37.8	55.6	56.6	57.3	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.6
≥ 18000	37.8	55.6	56.6	57.3	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.6
≥ 16000	37.8	55.6	56.6	57.3	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.6
≥ 14000	38.1	55.8	56.8	57.5	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.8
≥ 12000	39.6	57.7	58.7	59.5	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.9
≥ 10000	42.4	61.6	62.8	63.5	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.9
≥ 9000	42.4	61.9	63.1	63.9	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	65.3
≥ 8000	44.5	64.5	65.8	66.6	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	68.0
≥ 7000	44.9	65.6	66.9	67.6	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	69.0
≥ 6000	46.2	67.2	68.5	69.2	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.8
≥ 5000	46.5	67.6	68.9	69.7	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	71.4
≥ 4500	47.1	68.6	70.1	71.0	71.6	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.9
≥ 4000	47.7	69.4	71.1	71.9	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.9
≥ 3500	48.6	70.4	72.3	73.2	73.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	75.2
≥ 3000	49.1	71.9	73.8	74.7	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.8
≥ 2500	50.6	74.6	76.5	77.7	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.8
≥ 2000	51.4	76.1	78.2	79.8	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	82.0
≥ 1800	51.9	76.8	78.8	80.4	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.8
≥ 1500	53.0	79.6	81.7	83.5	84.6	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	86.2
≥ 1200	53.7	80.9	83.1	85.1	86.2	86.6	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	88.1
≥ 1000	54.2	82.3	85.1	87.3	88.7	89.1	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	91.0
≥ 900	54.2	83.0	86.0	88.6	90.1	90.5	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	92.6
≥ 800	54.4	83.5	86.6	89.4	90.9	91.3	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8	93.4
≥ 700	54.4	84.0	87.0	89.8	91.4	91.8	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.4	94.1
≥ 600	54.4	84.2	87.3	90.1	91.8	92.3	93.1	93.8	93.9	94.0	94.0	94.0	94.0	94.3	94.3	94.9
≥ 500	54.4	84.3	87.6	90.4	92.5	92.9	93.9	94.8	94.9	95.1	95.1	95.1	95.2	95.5	95.5	96.1
≥ 400	54.4	84.3	87.6	90.6	92.8	93.3	94.5	95.6	95.7	95.8	95.8	95.8	95.9	96.2	96.2	96.9
≥ 300	54.4	84.3	87.6	90.8	92.9	93.4	94.6	95.7	96.0	96.1	96.5	96.5	96.6	96.9	96.9	97.5
≥ 200	54.4	84.3	87.6	90.8	92.9	93.4	94.7	95.8	96.2	96.8	97.4	97.5	97.6	98.0	98.1	98.8
≥ 100	54.4	84.3	87.6	90.8	92.9	93.4	94.7	95.8	96.2	96.8	97.4	97.6	97.7	98.1	98.2	99.6
≥ 0	54.4	84.3	87.6	90.8	92.9	93.4	94.7	95.8	96.2	96.8	97.4	97.7	97.8	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?2?	FORBES FLD KS	63-70,74-75	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

09:00-11:00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.5	56.7	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	38.3	57.5	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	38.3	57.5	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	38.3	57.5	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	39.1	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	39.5	59.4	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	42.2	63.0	63.3	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	42.3	63.7	64.0	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
≥ 8000	44.4	67.2	67.7	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
≥ 7000	45.6	68.8	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	46.5	70.6	71.4	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
≥ 5000	46.9	71.2	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	47.1	71.9	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	47.7	72.8	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3500	48.1	73.3	74.3	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
≥ 3000	48.6	74.1	75.1	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	50.9	77.8	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	51.8	80.8	82.0	82.9	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	52.2	81.5	82.8	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
≥ 1500	52.6	83.5	85.4	86.6	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	52.9	84.9	87.3	88.5	89.1	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000	53.9	86.2	89.0	90.3	91.3	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	54.2	87.3	89.9	91.4	92.6	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	54.3	87.3	90.3	92.0	93.3	93.8	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	54.3	87.4	90.5	92.6	94.0	94.5	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	54.3	87.8	91.0	93.1	94.6	95.2	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	54.3	88.1	91.3	93.4	95.2	95.8	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	54.3	88.1	91.3	93.4	95.3	95.9	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 300	54.3	88.1	91.3	93.4	95.4	96.1	97.2	97.5	97.7	98.0	98.2	98.2	98.2	98.3	98.4	98.4
≥ 200	54.3	88.1	91.3	93.4	95.4	96.1	97.2	97.6	97.8	98.1	98.5	98.5	98.6	98.7	99.4	99.4
≥ 100	54.3	88.1	91.3	93.4	95.4	96.1	97.2	97.6	97.8	98.1	98.5	98.5	98.6	98.8	99.8	99.9
≥ 0	54.3	88.1	91.3	93.4	95.4	96.1	97.2	97.6	97.8	98.1	98.5	98.5	98.6	98.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2??

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 | STATION
FORBES FLD KS | STATION NAME
63-70,74-75 | YEARS
MAR | MONTH
1200-1400 | HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	40.6	56.6	57.0	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.
≥ 20000	43.3	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.
≥ 18000	43.3	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.
≥ 16000	43.3	59.4	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.
≥ 14000	43.3	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.
≥ 12000	44.3	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.
≥ 10000	46.0	63.7	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.
≥ 9000	46.9	64.7	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	65.
≥ 8000	49.1	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.
≥ 7000	50.0	69.6	70.2	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.
≥ 6000	51.3	71.7	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	72.
≥ 5000	52.0	72.8	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.
≥ 4500	52.6	73.7	74.4	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.
≥ 4000	53.1	75.4	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	76.
≥ 3500	53.7	76.2	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.
≥ 3000	55.4	78.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.
≥ 2500	57.3	81.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.
≥ 2000	58.5	85.1	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.
≥ 1800	59.1	86.5	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.
≥ 1500	60.1	89.7	91.0	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.
≥ 1200	60.6	91.3	92.8	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.
≥ 1000	60.8	92.3	93.9	94.2	94.9	95.1	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.
≥ 900	60.9	92.3	93.9	94.2	95.1	95.2	95.6	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.
≥ 800	60.9	92.7	94.4	94.9	95.8	96.1	96.8	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.
≥ 700	60.9	93.1	94.8	95.7	96.6	96.9	97.5	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.
≥ 600	60.9	93.1	94.8	95.9	96.8	97.1	97.7	98.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.
≥ 500	60.9	93.1	94.8	95.9	96.8	97.1	97.7	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.
≥ 400	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.
≥ 300	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.
≥ 200	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.
≥ 100	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.
≥ 0	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2	FORBES FLD KS	63-70,74-75	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	41.7	56.1	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	44.2	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	44.2	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 17000	44.2	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	44.2	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	44.6	60.2	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	46.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	47.2	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	49.4	67.1	67.3	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
≥ 7000	51.4	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0
≥ 6000	52.6	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
≥ 5000	53.2	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7
≥ 4500	53.3	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9
≥ 4000	55.4	76.2	76.6	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
≥ 3500	56.2	78.1	78.5	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
≥ 3000	58.2	81.0	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
≥ 2500	60.9	85.5	86.0	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5
≥ 2000	62.4	89.4	90.0	90.1	90.5	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0
≥ 1800	62.6	90.0	90.8	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 1500	62.8	91.4	92.3	92.6	93.3	93.5	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 1200	62.8	92.3	93.2	93.5	94.4	94.7	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 1000	63.1	93.0	94.0	94.3	95.2	95.5	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 900	63.1	93.0	94.0	94.3	95.2	95.5	96.0	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 800	63.0	93.1	94.1	94.8	95.7	96.0	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 700	63.1	93.2	94.3	95.2	96.2	96.7	97.2	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 600	63.0	93.2	94.4	95.4	96.6	97.0	97.5	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 500	63.0	93.3	94.5	95.5	96.9	97.3	98.1	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.1
≥ 300	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.8	98.8	99.0	99.1	99.6	99.7	99.7	99.8
≥ 200	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.9	98.9	99.1	99.2	99.7	99.8	99.9	100.0
≥ 100	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.9	98.9	99.1	99.2	99.7	99.8	99.9	100.0
≥ 0	63.1	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.9	98.9	99.1	99.2	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2 | FORBES FLD KS | 63-70,74-75 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.5	61.2	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	47.3	62.7	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	47.7	62.7	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	47.1	62.8	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	47.4	63.1	63.4	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
≥ 12000	48.4	64.2	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	50.4	67.5	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	50.8	68.0	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	52.3	69.9	70.2	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	53.4	71.4	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	55.9	74.3	74.7	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
≥ 5000	56.9	75.3	75.7	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	57.3	76.3	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	58.4	78.0	78.4	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	59.1	78.9	79.5	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	60.3	80.5	81.1	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	62.3	83.3	84.3	84.8	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	64.2	87.2	88.5	89.1	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	74.7	88.3	89.6	90.2	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	85.4	90.0	91.4	92.3	92.8	92.8	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	85.6	90.8	92.3	93.1	93.7	93.7	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 1000	85.6	91.5	93.1	93.9	94.4	94.4	94.9	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 900	85.6	91.6	93.1	94.0	94.5	94.5	95.2	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 800	85.6	91.6	93.1	94.0	94.5	94.5	95.4	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 700	85.6	91.7	93.4	94.4	94.9	95.1	95.9	96.6	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0
≥ 600	85.6	91.9	93.9	94.9	95.5	95.6	96.6	97.2	97.3	97.4	97.5	97.5	97.6	97.7	97.7	97.7
≥ 500	85.6	91.9	93.9	95.1	95.6	95.7	96.8	97.5	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.1
≥ 400	85.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.6	98.7	99.0	99.0	99.1	99.2	99.2	99.2
≥ 300	85.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.4	99.4	99.5	99.6	99.6	99.6
≥ 200	85.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7
≥ 100	85.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.9
≥ 0	85.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.5	99.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?42 | FORBES FLD KS | 63-70,74-75 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	59.5	64.1	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	64.3
≥ 20000	91.3	64.8	65.1	65.1	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	91.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	91.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	91.4	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	92.6	66.2	66.5	66.5	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	94.5	69.4	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
≥ 9000	94.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	97.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	99.1	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	80.3	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	81.8	77.8	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
≥ 4500	82.2	78.5	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	82.6	79.1	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	83.4	80.2	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	84.3	80.9	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2500	85.6	82.7	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	87.0	85.5	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	87.4	86.7	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	88.8	89.9	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	90.1	91.6	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	90.3	92.9	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	90.6	94.0	94.6	94.7	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	90.9	94.6	95.3	95.4	95.4	95.5	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	91.1	95.1	95.9	96.0	96.0	96.1	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	91.1	95.1	96.1	96.2	96.2	96.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	91.1	95.1	96.2	96.3	96.5	96.7	96.9	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	91.1	95.2	96.6	96.8	97.0	97.2	97.5	98.0	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6
≥ 300	91.1	95.3	96.8	97.0	97.2	97.4	97.7	98.2	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 200	91.1	95.3	96.8	97.0	97.2	97.4	97.8	98.3	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7
≥ 100	91.1	95.3	96.8	97.0	97.2	97.4	97.8	98.3	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 0	91.1	95.3	96.8	97.0	97.2	97.4	97.8	98.3	98.9	99.4	99.6	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93?

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13732	FORBES FLD KS	63-70,74-75	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.1	59.1	59.6	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2
≥ 20000	45.2	60.3	60.7	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 18000	45.2	60.3	60.7	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 17000	45.3	60.3	60.7	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 14000	45.5	60.6	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
≥ 12000	46.5	62.0	62.4	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 10000	48.7	65.1	65.6	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2
≥ 9000	49.0	65.7	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.8
≥ 8000	51.0	68.3	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.5
≥ 7000	52.1	69.8	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.1
≥ 6000	53.5	71.8	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.1
≥ 5000	54.4	72.9	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.4
≥ 4500	55.0	73.9	74.6	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.5
≥ 4000	55.7	75.1	75.9	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.8
≥ 3500	56.6	76.3	77.1	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	78.0
≥ 3000	57.5	77.8	78.6	78.9	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6
≥ 2500	59.4	80.6	81.6	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.6
≥ 2000	60.8	83.6	84.7	85.3	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0
≥ 1800	61.3	84.6	85.7	86.3	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.1
≥ 1500	62.2	87.0	88.3	89.0	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.1
≥ 1200	62.7	88.4	89.9	90.6	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9
≥ 1000	63.1	89.6	91.2	92.0	92.7	92.9	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.7
≥ 900	63.2	90.1	91.8	92.7	93.4	93.6	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.6
≥ 800	63.4	90.5	92.3	93.3	94.1	94.3	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.4
≥ 700	63.4	90.9	92.7	93.9	94.6	94.9	95.4	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1
≥ 600	63.4	91.0	92.9	94.2	95.0	95.3	95.8	96.2	96.3	96.4	96.4	96.4	96.4	96.5	96.6	96.7
≥ 500	63.5	91.2	93.1	94.4	95.4	95.7	96.4	96.7	96.9	97.0	97.1	97.1	97.1	97.2	97.3	97.4
≥ 400	63.5	91.2	93.2	94.6	95.7	96.0	96.8	97.3	97.5	97.6	97.8	97.8	97.9	97.9	98.0	98.1
≥ 300	63.5	91.3	93.3	94.7	95.8	96.2	97.0	97.5	97.8	98.0	98.3	98.3	98.4	98.5	98.6	98.7
≥ 200	63.5	91.3	93.3	94.8	95.8	96.2	97.1	97.6	98.0	98.4	98.8	98.9	99.1	99.2	99.3	99.5
≥ 100	63.5	91.3	93.3	94.8	95.8	96.2	97.1	97.6	98.1	98.4	98.8	98.9	99.1	99.3	99.5	99.8
≥ 0	63.5	91.3	93.3	94.8	95.8	96.2	97.1	97.6	98.1	98.4	98.8	99.0	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1123 | FORBES FLD KS | 63-70,74-75 | APR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.4	60.7	61.2	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 20000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.2
≥ 18000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.2
≥ 16000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.2
≥ 14000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.2
≥ 12000	45.1	62.3	62.9	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000	46.3	64.6	65.2	65.4	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 9000	47.3	65.1	65.8	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 8000	48.7	67.1	67.9	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
≥ 7000	49.6	68.3	69.1	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
≥ 6000	50.2	70.3	71.1	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8
≥ 5000	52.3	73.6	74.4	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2
≥ 4500	53.9	74.7	75.9	76.2	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8
≥ 4000	54.8	75.9	77.2	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1
≥ 3500	55.1	76.6	77.9	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 3000	56.8	79.1	80.4	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3
≥ 2500	58.0	80.9	82.3	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 2000	59.1	82.6	84.1	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 1800	60.0	83.6	85.2	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1
≥ 1500	62.7	86.7	88.3	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2
≥ 1200	63.8	88.0	89.7	90.0	90.1	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8
≥ 1000	63.9	89.1	90.8	91.2	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0
≥ 900	64.1	89.4	91.2	91.7	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 800	64.2	90.0	92.2	92.7	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7
≥ 700	64.2	90.6	92.8	93.6	94.0	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 600	64.6	91.0	93.4	94.3	94.9	95.1	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.2
≥ 500	64.6	91.0	93.6	94.7	95.3	95.6	96.4	96.6	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.3
≥ 400	64.6	91.0	93.6	94.7	95.4	95.8	96.7	96.8	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.7
≥ 300	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.3
≥ 200	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.6
≥ 100	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.8	98.9	99.4	99.6	99.7	99.7	99.7	99.9
≥ 0	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.8	98.9	99.4	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0330-0930
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.6	56.9	57.4	57.6	58.0	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	59.1
≥ 20000	41.1	57.7	58.2	58.3	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.9
≥ 18000	41.1	57.7	58.2	58.3	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.9
≥ 17000	41.1	57.7	58.2	58.3	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.9
≥ 16000	41.1	57.8	58.3	58.4	58.9	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	60.0
≥ 15000	41.6	58.4	59.0	59.1	59.7	59.8	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.8
≥ 12000	42.4	59.4	60.0	60.1	60.7	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.8
≥ 9000	43.1	61.0	61.6	61.7	62.2	62.3	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	63.3
≥ 8000	46.3	65.0	65.6	65.7	66.2	66.3	66.4	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	67.3
≥ 7000	47.4	66.7	67.2	67.3	67.9	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	69.0
≥ 6000	49.7	68.2	68.8	68.9	69.6	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 5000	50.2	70.6	71.1	71.2	71.9	72.0	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	73.0
≥ 4500	51.2	71.8	72.3	72.4	73.2	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	74.3
≥ 4000	52.1	73.0	73.6	73.7	74.4	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.6
≥ 3500	53.3	74.4	75.1	75.1	75.9	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	77.0
≥ 3000	54.8	76.3	77.0	77.1	78.0	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	79.1
≥ 2500	55.9	78.7	79.3	79.4	80.3	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.4
≥ 2000	56.7	79.9	80.6	80.7	81.7	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.9
≥ 1800	57.7	80.9	81.6	81.8	82.8	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	84.0
≥ 1500	59.6	83.9	84.6	84.8	85.8	85.9	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	87.0
≥ 1200	60.3	85.2	85.9	86.1	87.1	87.2	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	88.4
≥ 1000	61.1	86.4	87.2	87.4	88.4	88.7	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	90.1
≥ 900	61.2	87.3	88.1	88.3	89.3	89.6	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	91.0
≥ 800	62.1	89.4	90.2	90.6	91.6	91.8	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.3
≥ 700	62.1	90.0	90.9	91.4	92.6	92.8	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 600	62.3	90.3	91.3	91.9	93.0	93.2	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.7
≥ 500	62.3	90.4	91.7	92.2	93.6	93.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.7
≥ 400	62.4	90.7	92.0	92.7	94.2	94.6	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.9
≥ 300	62.6	90.9	92.2	92.9	94.4	94.9	96.4	96.8	96.9	97.1	97.4	97.6	97.8	97.8	97.8	96.4
≥ 200	62.6	90.9	92.3	93.0	94.7	95.1	96.7	97.0	97.2	97.4	97.9	98.0	98.2	98.2	98.2	98.9
≥ 100	62.6	90.9	92.3	93.0	94.7	95.1	96.7	97.1	97.3	97.6	98.0	98.3	98.6	98.6	98.7	99.3
≥ 0	62.6	90.9	92.3	93.0	94.7	95.1	96.7	97.2	97.4	97.7	98.2	98.6	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥3/16	≥¼	≥0
NO CEILING	32.2	52.7	53.3	53.6	53.8	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	55.0
≥ 20000	33.7	54.1	55.0	55.2	55.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.7
≥ 18000	33.7	54.1	55.0	55.2	55.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.7
≥ 6000	33.7	54.1	55.0	55.2	55.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.7
≥ 14000	33.7	54.4	55.3	55.6	55.8	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	57.0
≥ 12000	34.3	55.2	56.1	56.3	56.6	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.9
≥ 10000	35.3	56.9	57.8	58.0	58.2	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.7
≥ 9000	35.4	57.6	58.4	58.7	58.9	59.0	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	60.3
≥ 8000	37.0	60.4	61.4	61.8	62.1	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.8
≥ 7000	38.6	62.7	63.7	64.0	64.3	64.6	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	66.0
≥ 6000	39.4	65.1	66.2	66.6	67.0	67.2	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.7
≥ 5000	39.9	66.1	67.2	67.6	68.0	68.2	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.7
≥ 4500	40.7	67.4	68.6	68.9	69.4	69.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	71.2
≥ 4000	41.2	68.4	69.9	70.3	70.9	71.2	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.7
≥ 3500	42.1	69.3	70.9	71.3	72.0	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.8
≥ 3000	43.2	71.3	73.1	73.6	74.3	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	76.1
≥ 2500	44.3	73.7	75.4	76.0	76.8	77.1	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.7
≥ 2000	45.4	76.3	78.1	78.8	79.6	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	81.4
≥ 1800	45.8	76.9	78.7	79.3	80.3	80.7	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	82.2
≥ 1500	46.6	79.0	80.8	81.7	82.8	83.1	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.7
≥ 1200	47.1	80.4	82.2	83.2	84.3	84.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.7
≥ 1000	47.1	81.0	83.0	84.2	85.4	86.0	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.6	88.1
≥ 900	47.2	81.8	84.0	85.2	86.4	87.0	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.6	89.1
≥ 800	47.4	82.3	84.9	86.2	87.4	88.0	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.6	90.1
≥ 700	47.6	82.8	85.7	87.3	88.7	89.2	90.3	90.7	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.6
≥ 600	47.6	83.1	86.3	88.1	89.7	90.3	91.8	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.6	93.1
≥ 500	47.6	83.4	87.3	89.3	91.2	92.1	94.1	94.6	94.7	94.8	94.9	94.9	94.9	95.0	95.1	95.7
≥ 400	47.6	83.4	87.7	89.8	92.2	93.1	95.4	96.1	96.3	96.4	96.7	96.7	96.7	96.8	96.9	97.4
≥ 300	47.6	83.4	87.7	89.8	92.3	93.3	96.0	97.0	97.2	97.4	97.8	97.8	97.8	98.0	98.1	98.7
≥ 200	47.6	83.4	87.7	89.9	92.4	93.4	96.1	97.1	97.4	97.8	98.2	98.2	98.2	98.4	98.6	99.1
≥ 100	47.6	83.4	87.7	89.9	92.4	93.4	96.1	97.1	97.4	97.8	98.2	98.2	98.3	98.6	98.8	99.4
≥ 0	47.6	83.4	87.7	89.9	92.4	93.4	96.1	97.1	97.4	97.8	98.2	98.2	98.3	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13921	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.0	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 20000	38.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
≥ 18000	38.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
≥ 16000	38.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
≥ 14000	38.2	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 12000	38.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 10000	39.9	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7
≥ 9000	40.1	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	61.4	61.4
≥ 8000	42.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
≥ 7000	43.0	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	65.7	65.7
≥ 6000	43.6	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	67.2	67.2
≥ 5000	44.2	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	68.7	68.7
≥ 4500	44.3	69.3	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 4000	45.7	70.7	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4
≥ 3500	46.1	71.3	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 3000	47.4	74.1	74.8	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 2500	49.2	76.9	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
≥ 2000	50.7	79.6	80.7	80.9	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 1800	51.4	81.2	82.4	82.7	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
≥ 1500	52.3	83.9	85.3	85.8	85.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 1200	52.9	85.6	87.1	87.6	87.6	87.6	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6
≥ 1000	53.0	86.4	88.2	88.7	88.9	89.1	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 900	53.2	87.4	89.2	89.7	89.9	90.1	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3
≥ 800	53.2	88.0	90.2	91.0	91.2	91.4	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.8	92.9
≥ 700	53.3	88.1	90.3	91.4	92.1	92.3	93.2	93.3	93.3	93.4	93.4	93.4	93.6	93.7	93.8	93.8
≥ 600	53.4	88.8	91.3	92.3	93.4	93.8	94.9	95.2	95.2	95.3	95.3	95.3	95.4	95.6	95.7	95.7
≥ 500	53.4	89.3	91.6	93.0	94.3	94.8	96.0	96.3	96.4	96.6	96.7	96.7	96.8	96.9	97.0	97.0
≥ 400	53.4	89.3	91.9	93.4	95.1	95.8	97.4	97.9	98.2	98.3	98.4	98.4	98.6	98.7	98.8	98.8
≥ 300	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.9	99.9
≥ 200	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.6	99.7	99.7	99.8	99.9	100.0	100.0
≥ 100	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.6	99.7	99.7	99.8	99.9	100.0	100.0
≥ 0	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.6	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1??2	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.6	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	43.1	61.3	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
≥ 10000	44.7	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	45.1	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	46.1	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	46.6	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	47.0	67.2	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	47.8	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	48.4	70.0	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	49.7	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	50.4	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3000	52.2	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 2500	54.2	81.6	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	56.7	86.0	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	57.4	87.1	88.1	88.2	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	57.9	89.7	90.8	90.9	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	58.3	90.9	92.1	92.2	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	58.6	91.7	93.1	93.4	94.1	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	58.7	92.1	93.8	94.1	94.9	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	58.8	92.7	94.7	95.4	96.4	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	58.9	92.8	94.9	95.8	96.9	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	58.9	93.2	95.4	96.4	97.7	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	58.9	93.3	95.8	96.9	98.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	58.9	93.3	95.9	97.0	98.3	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1702	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.3	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
≥ 20000	41.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	41.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 17000	41.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	41.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	42.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	44.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	45.3	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	65.9
≥ 8000	46.3	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	46.3	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	48.0	71.4	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
≥ 5000	49.3	73.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	49.8	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	51.9	78.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	53.3	80.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	54.9	83.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	57.7	87.9	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	57.9	89.0	90.3	90.3	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	58.3	89.9	91.3	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	59.2	91.7	93.4	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	59.6	92.3	94.1	94.4	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	60.0	92.9	94.7	95.1	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	60.2	93.3	95.2	95.7	96.4	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	60.2	93.3	95.2	95.7	96.6	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	60.2	93.6	95.7	96.1	97.0	97.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	60.2	93.6	95.8	96.4	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 500	60.2	93.6	95.9	96.7	97.8	98.0	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.4	99.4	99.4
≥ 400	60.2	93.6	95.9	96.7	97.9	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.7	99.8	99.8	99.8
≥ 300	60.2	93.6	95.9	96.7	97.9	98.3	99.0	99.4	99.4	99.4	99.6	99.6	99.8	99.9	99.9	99.9
≥ 200	60.2	93.6	95.9	96.7	97.9	98.3	99.1	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0
≥ 100	60.2	93.6	95.9	96.7	97.9	98.3	99.1	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0
≥ 0	60.2	93.6	95.9	96.7	97.9	98.3	99.1	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible]	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	40.1	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	42.3	62.5	62.5	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
≥ 18000	42.9	62.5	62.5	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
≥ 6500	42.3	62.5	62.5	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	43.3	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	44.4	64.3	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	64.5
≥ 10000	46.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	46.6	67.8	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	68.1
≥ 8000	48.6	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	50.5	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	52.3	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	53.4	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	55.2	81.4	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
≥ 4000	56.6	83.5	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	57.9	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	58.8	87.4	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	60.2	90.3	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	60.9	92.0	92.5	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	61.2	92.4	93.0	93.2	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	61.8	93.5	94.4	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	62.0	93.8	94.9	95.4	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	62.3	94.1	95.3	96.0	96.4	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	62.3	94.1	95.4	96.1	96.5	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	62.3	94.1	95.4	96.3	96.8	97.0	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	62.3	94.2	95.5	96.7	97.2	97.4	97.9	98.0	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3
≥ 600	62.3	94.2	95.5	96.7	97.4	97.7	98.1	98.2	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.6
≥ 500	62.3	94.2	95.5	96.7	97.4	97.7	98.3	98.4	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 400	62.3	94.2	95.5	96.7	97.8	98.0	98.9	99.0	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ 0	
NO CEILING	46.1	65.6	65.6	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	47.4	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	47.4	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	47.4	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	47.6	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	48.4	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	50.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	50.8	71.2	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	71.5
≥ 8000	52.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
≥ 7000	53.7	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 6000	54.7	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 5000	55.9	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 4500	56.9	80.4	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	80.8
≥ 4000	58.0	82.1	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 3500	58.8	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 3000	60.8	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 2500	61.6	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 2000	63.1	90.6	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 1800	63.4	91.3	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 1500	64.5	93.4	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 1200	65.0	94.2	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1000	65.1	94.9	95.2	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 900	65.1	94.9	95.2	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 800	65.1	95.0	95.3	96.0	96.2	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 700	65.2	95.1	95.5	96.2	96.5	96.5	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 600	65.4	95.3	95.9	96.5	96.9	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 500	65.4	95.5	96.1	96.9	97.3	97.3	97.5	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 400	65.4	95.7	96.2	97.1	97.8	97.8	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 300	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 200	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 100	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 0	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13732	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.6	58.3	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 20000	41.4	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 18000	41.4	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 16000	41.4	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 14000	41.5	60.4	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 12000	42.2	61.3	61.6	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 10000	43.3	63.3	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 9000	44.2	64.2	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.1
≥ 8000	46.3	66.7	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.8
≥ 7000	47.0	68.4	68.9	69.0	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.6
≥ 6000	48.3	70.2	70.7	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
≥ 5000	49.1	72.3	72.9	73.0	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6
≥ 4500	50.1	73.8	74.4	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2
≥ 4000	51.2	75.6	76.3	76.5	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1
≥ 3500	52.1	77.0	77.7	77.9	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥ 3000	53.6	79.5	80.3	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.3
≥ 2500	55.1	82.2	83.1	83.3	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
≥ 2000	56.3	84.5	85.5	85.8	86.1	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.7
≥ 1800	56.9	85.4	86.5	86.7	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.9
≥ 1500	58.1	87.7	88.9	89.3	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4
≥ 1200	58.6	88.8	90.1	90.5	91.0	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.8
≥ 1000	58.9	89.6	90.9	91.5	92.1	92.3	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1
≥ 900	59.0	90.0	91.5	92.1	92.7	92.9	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.8
≥ 800	59.2	90.6	92.3	93.0	93.6	93.9	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.8
≥ 700	59.2	90.9	92.7	93.6	94.4	94.6	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.7
≥ 600	59.3	91.2	93.1	94.1	95.1	95.3	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.6
≥ 500	59.3	91.4	93.4	94.5	95.6	96.0	96.9	97.1	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.7
≥ 400	59.4	91.4	93.6	94.7	96.1	96.5	97.6	97.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.6
≥ 300	59.4	91.5	93.7	94.9	96.4	96.8	98.0	98.5	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.5
≥ 200	59.4	91.5	93.7	94.9	96.4	96.8	98.1	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.7
≥ 100	59.4	91.5	93.7	94.9	96.4	96.8	98.1	98.6	98.9	99.1	99.3	99.4	99.5	99.5	99.6	99.8
≥ 0	59.4	91.5	93.7	94.9	96.4	96.8	98.1	98.6	98.9	99.1	99.3	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 719

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

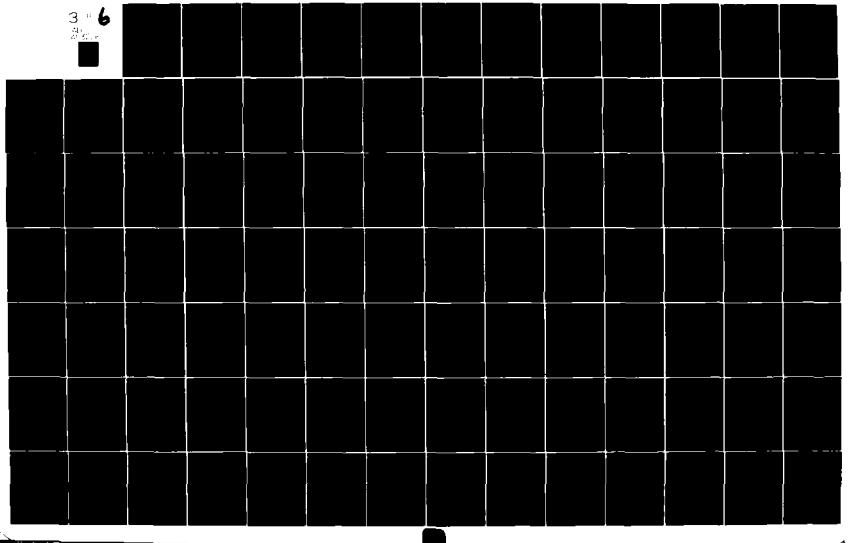
HOURS (L.S.T.) 0000-0[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥ [illegible]	≥7/8	≥½	≥	≥
NO CEILING	46.3	64.2	64.3	64.5	64.5	64.5	64.6	64.6	64.7	64.8	64.9	64.8	64.9	64.9	64.9	65
≥ 20000	47.4	64.9	65.2	65.5	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66
≥ 18000	47.4	64.9	65.2	65.5	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66
≥ 5000	47.4	64.9	65.2	65.5	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66
≥ 14000	47.6	65.2	65.4	65.7	65.7	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66
≥ 2000	48.3	65.8	66.0	66.3	66.3	66.3	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66
≥ 10000	51.3	69.2	69.5	69.8	69.8	69.8	69.9	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70
≥ 9000	52.0	70.1	70.3	70.6	70.6	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71
≥ 8000	54.4	73.0	73.2	73.5	73.5	73.5	73.7	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74
≥ 7000	55.5	75.6	75.8	76.1	76.1	76.1	76.2	76.2	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76
≥ 6000	55.9	77.1	77.3	77.6	77.6	77.6	77.7	77.7	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78
≥ 5000	57.1	78.9	79.2	79.6	79.6	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80
≥ 4500	57.6	80.4	80.8	81.1	81.1	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81
≥ 4000	59.5	82.7	83.1	83.3	83.3	83.4	83.5	83.5	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84
≥ 3500	60.9	84.5	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85
≥ 3000	61.3	85.3	85.6	85.9	86.0	86.1	86.2	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86
≥ 2500	62.2	87.1	87.5	87.8	88.1	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88
≥ 2000	62.9	88.3	88.7	89.4	89.6	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90
≥ 1800	63.3	89.4	89.8	90.4	90.6	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91
≥ 1500	64.3	91.6	92.0	92.7	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93
≥ 1200	65.1	92.7	93.2	93.9	94.1	94.2	94.3	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94
≥ 1000	65.7	94.0	94.6	95.3	95.5	95.6	95.7	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96
≥ 900	65.9	94.3	94.9	95.6	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96
≥ 800	66.0	94.4	95.1	95.7	95.9	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96
≥ 700	66.7	95.3	95.9	96.6	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97
≥ 600	66.8	95.7	96.3	97.0	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97
≥ 500	66.9	96.0	96.7	97.3	97.8	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98
≥ 400	66.9	96.0	96.7	97.3	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98
≥ 300	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.5	98.6	98.8	98.8	98.8	98.9	98.9	99.[illegible]	99
≥ 200	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.6	98.8	99.1	99.1	99.1	99.4	99.[illegible]	99.5	99
≥ 100	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.7	98.9	99.4	99.4	99.4	99.7	99.7	99.9	1
≥ 0	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.7	98.9	99.4	99.4	99.4	99.7	99.7	99.9	1

TOTAL NUMBER OF OBSERVATIONS _____

AD-A113 226 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL



13226

1.0
1.1
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2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	40.3	57.6	58.0	58.2	58.4	58.5	58.7	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.2
≥ 20000	42.7	59.9	60.2	60.4	60.8	60.9	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.8
≥ 18000	42.7	59.9	60.2	60.4	60.8	60.9	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.8
≥ 16000	42.7	60.0	60.3	60.5	60.9	61.0	61.2	61.3	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.9
≥ 14000	42.8	60.1	60.4	60.6	61.0	61.1	61.3	61.4	61.4	61.6	61.7	61.7	61.8	61.8	61.8	62.0
≥ 12000	43.3	60.6	61.0	61.2	61.5	61.6	61.8	61.9	61.9	62.2	62.3	62.3	62.4	62.4	62.4	62.6
≥ 10000	45.6	63.1	63.4	63.7	64.0	64.1	64.3	64.4	64.4	64.6	64.7	64.7	64.8	64.8	64.8	65.1
≥ 9000	45.6	63.1	63.4	63.7	64.0	64.1	64.3	64.4	64.4	64.6	64.7	64.7	64.8	64.8	64.8	65.1
≥ 8000	47.5	66.0	66.3	66.6	66.9	67.0	67.2	67.3	67.3	67.5	67.6	67.6	67.7	67.7	67.7	68.0
≥ 7000	49.4	69.7	70.0	70.2	70.5	70.6	70.9	71.0	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.6
≥ 6000	50.4	71.6	71.9	72.2	72.6	72.7	72.9	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.7
≥ 5000	51.4	74.2	74.5	74.7	75.2	75.3	75.5	75.6	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.2
≥ 4500	52.3	76.3	76.7	76.9	77.4	77.5	77.7	77.8	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.5
≥ 4000	54.1	78.9	79.2	79.5	80.0	80.1	80.3	80.4	80.4	80.6	80.8	80.8	80.9	80.9	80.9	81.1
≥ 3500	54.8	80.4	80.8	81.0	81.5	81.6	81.8	81.9	81.9	82.2	82.3	82.3	82.4	82.4	32.4	82.6
≥ 3000	55.4	81.1	81.4	81.6	82.2	82.3	82.5	82.6	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.2
≥ 2500	56.0	82.5	82.8	83.2	83.9	84.0	84.2	84.3	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.9
≥ 2000	56.9	83.8	84.1	84.5	85.3	85.5	85.7	85.8	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.5
≥ 1800	57.4	84.6	85.1	85.5	86.2	86.5	86.7	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.4
≥ 1500	58.4	87.3	87.7	88.3	89.1	89.4	89.6	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.3
≥ 1200	59.2	88.7	89.4	89.9	90.8	91.0	91.2	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.9
≥ 1000	60.0	90.0	90.6	91.2	92.2	92.4	92.6	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.3
≥ 900	60.2	90.2	90.9	91.4	92.4	92.6	92.8	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.5
≥ 800	60.4	90.6	91.3	91.8	92.8	93.0	93.2	93.3	93.3	93.5	93.7	93.7	93.8	93.8	93.8	94.0
≥ 700	60.8	91.3	91.9	92.6	93.8	94.0	94.3	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	95.1
≥ 600	60.3	91.7	92.4	93.0	94.3	94.6	94.9	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.7
≥ 500	60.9	91.9	92.8	93.5	95.3	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.7
≥ 400	60.9	92.3	93.2	94.1	95.8	96.1	96.5	96.6	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 300	60.9	92.4	93.3	94.2	96.0	96.3	97.0	97.2	97.2	97.5	97.6	97.6	97.7	97.7	97.7	98.0
≥ 200	60.9	92.4	93.4	94.3	96.1	96.5	97.1	97.3	97.3	97.8	98.2	98.2	98.4	98.4	98.4	98.6
≥ 100	60.9	92.4	93.4	94.3	96.1	96.5	97.1	97.3	97.3	97.8	98.4	98.5	99.0	99.0	99.0	99.2
≥ 0	60.9	92.4	93.4	94.3	96.1	96.5	97.1	97.3	97.3	97.8	98.4	98.6	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12	FORBES FLD KS	63-70,73-74	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	31.6	53.2	53.5	53.8	54.5	54.7	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	33.2	55.4	55.9	56.1	56.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	33.2	55.4	55.9	56.1	56.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	33.2	55.4	55.9	56.1	56.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	33.7	55.8	56.3	56.6	57.3	57.5	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	34.4	56.8	57.3	57.5	58.3	58.5	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	37.3	61.3	61.9	62.3	63.0	63.2	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	37.6	62.0	62.7	63.0	63.8	64.0	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 8000	39.7	65.1	65.9	66.3	67.1	67.3	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	42.3	68.6	69.5	69.9	70.9	71.1	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	42.7	70.6	71.5	71.9	73.1	73.3	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	43.7	72.7	73.5	74.0	75.2	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	44.0	73.8	74.6	75.1	76.2	76.5	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	45.3	75.8	76.7	77.1	78.4	78.6	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	45.4	76.0	76.9	77.3	78.7	78.9	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	46.0	77.4	78.3	79.0	80.4	80.6	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	46.5	78.5	79.4	80.1	81.5	81.7	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	47.2	80.2	81.2	81.9	83.3	83.7	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	47.3	81.0	81.9	82.7	84.1	84.4	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	48.2	83.2	84.2	85.1	86.5	86.9	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	49.1	86.0	87.0	88.0	89.4	89.8	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	49.9	87.5	88.6	89.7	91.1	91.6	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	50.1	88.0	89.1	90.2	91.8	92.4	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	50.3	88.5	89.8	91.0	92.6	93.1	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	50.6	89.0	90.3	91.5	93.1	93.7	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	50.6	89.1	90.4	91.7	93.5	94.1	95.1	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	50.6	89.2	90.5	91.9	93.9	94.4	95.4	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	50.6	89.4	91.0	92.5	94.8	95.5	96.6	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	50.6	89.4	91.1	92.6	95.1	95.8	96.9	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	50.6	89.4	91.1	92.6	95.2	95.9	97.0	97.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7
≥ 100	50.6	89.4	91.2	92.7	95.3	96.0	97.1	97.8	98.1	98.4	98.8	98.8	99.1	99.2	99.2	99.4
≥ 0	50.6	89.4	91.2	92.7	95.3	96.0	97.1	97.8	98.1	98.4	98.8	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] | FORBES FLD KS | 63-70,73-74 | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥Y	≥5/16	≥0
NO CEILING	38.1	57.3	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	40.9	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	40.9	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 17000	40.9	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	41.2	60.5	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	41.6	61.0	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	42.3	63.7	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	43.4	64.7	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
≥ 8000	45.6	68.2	68.4	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
≥ 7000	46.9	70.9	71.2	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	48.3	73.6	73.8	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
≥ 5000	48.7	75.1	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	48.9	75.8	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	49.9	77.7	78.3	78.6	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	50.2	78.3	78.8	79.1	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	51.6	80.7	81.3	81.6	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	52.6	83.3	84.0	84.3	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	53.2	85.4	86.0	86.3	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	53.7	86.3	87.1	87.4	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	55.3	89.1	90.0	90.4	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	56.7	91.0	92.0	92.5	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	56.7	92.6	93.6	94.1	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	56.8	92.8	93.9	94.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	57.2	93.5	94.7	95.2	96.3	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	57.4	94.1	95.4	95.9	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	57.4	94.2	95.6	96.2	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	57.6	94.5	96.0	96.9	98.3	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	57.6	94.6	96.2	97.3	98.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?92	FORBES FLD KS	63-70,73-74	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ⅝	≥½	≥ 5/16	≥¼	≥0
NO CEILING	39.3	58.4	58.6	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	41.4	60.2	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	41.4	60.2	60.3	60.3	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	41.4	60.2	60.3	60.3	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	41.4	60.2	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	42.1	61.2	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.8	61.8	61.8	61.8
≥ 10000	42.9	63.3	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	44.2	65.1	65.3	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	46.6	68.5	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	48.1	71.7	72.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	48.7	72.6	73.0	73.1	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	49.7	74.8	75.2	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	50.3	75.8	76.2	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	52.3	79.2	79.7	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
≥ 3500	53.7	81.1	81.6	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
≥ 3000	55.8	84.5	85.0	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	56.8	87.8	88.4	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	58.0	90.6	91.3	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	58.2	91.3	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	58.2	92.0	93.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	59.7	94.2	95.2	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	59.7	94.7	95.7	96.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	59.7	94.8	95.8	96.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	59.7	94.9	96.0	96.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	59.7	94.9	96.0	96.4	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	59.8	95.3	96.4	97.0	98.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	59.8	95.5	96.7	97.3	98.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	59.8	95.5	96.7	97.3	98.5	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
MAY — MONTH
1500-1700 — 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	≥¼	≥0
NO CEILING	40.9	60.9	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	44.9	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	45.2	65.5	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 17000	45.2	65.5	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	45.3	65.6	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	46.0	66.5	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	47.2	68.9	69.0	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	48.2	71.0	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	50.5	74.2	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	52.3	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	53.1	79.8	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	53.8	81.4	81.7	81.8	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	54.1	82.0	82.5	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	56.2	85.5	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	56.9	86.8	87.2	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	58.2	88.8	89.2	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	59.9	92.2	92.6	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	60.6	93.3	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	60.8	93.7	94.3	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	61.6	94.8	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	61.6	95.1	95.8	96.0	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	61.6	95.7	96.5	96.7	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	61.7	95.9	96.7	97.1	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	61.7	96.0	96.8	97.2	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	61.7	96.0	97.0	97.4	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	61.8	96.1	97.3	97.7	98.5	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	61.8	96.1	97.3	97.7	98.5	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2 (STATION) | FORBES FLD KS (STATION NAME) | 63-70,73-74 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.2	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	48.3	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	48.3	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	48.3	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	49.1	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	49.1	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
≥ 10000	50.0	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	73.5
≥ 9000	50.6	74.8	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
≥ 8000	53.3	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	54.5	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	55.4	82.5	82.7	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
≥ 5000	55.7	83.5	83.8	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
≥ 4500	56.1	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	57.4	87.3	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	58.6	89.2	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	59.0	89.9	90.3	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	59.6	91.1	91.6	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	60.0	91.6	92.3	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	60.5	92.3	92.9	93.0	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	61.0	93.1	93.8	93.9	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	61.5	94.1	94.8	94.9	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	61.5	94.3	95.2	95.3	96.1	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	61.5	94.5	95.5	95.6	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	61.6	94.9	95.9	96.0	97.0	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	61.7	95.1	96.0	96.2	97.2	97.2	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	61.9	95.4	96.7	96.9	97.8	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	61.9	95.5	96.8	97.0	98.0	98.0	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400	61.9	95.6	97.1	97.3	98.3	98.5	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 2..	FORBES FLD KS	63-70,73-74	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.1	68.9	69.1	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
≥ 20000	51.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	51.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	51.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	51.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	51.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
≥ 10000	53.0	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	53.3	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	75.1	75.1
≥ 8000	55.9	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	56.7	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	58.0	82.6	82.7	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
≥ 5000	58.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	59.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	61.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	61.9	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	62.4	89.1	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	63.1	90.3	90.5	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	63.7	91.7	91.9	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	63.8	92.4	92.6	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	64.1	93.7	93.9	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	64.5	94.3	94.5	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	65.1	95.3	95.5	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	65.1	95.3	95.5	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	65.3	96.0	96.2	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	65.7	96.8	97.0	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	65.7	97.2	97.5	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	65.7	97.5	97.8	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.8	98.8	98.8
≥ 400	65.7	97.7	98.3	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	65.7	97.7	98.3	98.6	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	65.7	97.8	98.4	98.7	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.7	97.8	98.4	98.7	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.7	97.8	98.4	98.7	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
13724	FORBES FLD KS	63-70,73-74	MAY

HOURS (L.S.T.): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	41.5	60.9	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 20000	43.7	63.3	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 18000	43.7	63.4	63.6	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 16000	43.7	63.4	63.6	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	43.9	63.5	63.7	63.9	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 12000	44.6	64.4	64.6	64.7	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 10000	46.3	67.2	67.4	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 9000	46.9	68.2	68.5	68.6	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 8000	49.2	71.6	71.8	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 7000	50.7	74.3	74.6	74.8	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	51.6	76.3	76.6	76.8	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 5000	52.3	78.1	78.4	78.7	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 4500	52.9	79.2	79.6	79.8	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 4000	54.5	81.8	82.2	82.4	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥ 3500	55.3	83.1	83.5	83.7	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 3000	56.2	84.6	85.1	85.3	85.7	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 2500	57.1	86.6	87.1	87.4	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 2000	57.8	88.1	88.7	89.0	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	58.1	88.9	89.5	89.8	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 1500	59.0	90.7	91.4	91.8	92.5	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	59.6	92.0	92.7	93.2	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1000	60.0	93.0	93.8	94.2	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 900	60.1	93.2	94.0	94.5	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	60.3	93.6	94.5	95.0	95.8	95.9	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	60.5	94.1	94.9	95.5	96.4	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	60.6	94.3	95.3	95.9	96.9	97.3	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 500	60.7	94.5	95.6	96.2	97.3	97.5	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	60.7	94.6	95.8	96.5	97.7	98.0	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 300	60.7	94.7	95.8	96.6	97.8	98.1	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	60.7	94.7	95.9	96.6	97.9	98.1	98.7	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6
≥ 100	60.7	94.7	95.9	96.6	97.9	98.2	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8
≥ 0	60.7	94.7	95.9	96.6	97.9	98.2	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1123	FORBES FLD KS	63-70,73-74	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	52.2	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3
≥ 20000	52.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
≥ 18000	52.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
≥ 16000	52.7	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 14000	52.9	74.1	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6
≥ 12000	53.3	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 10000	55.9	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
≥ 9000	56.3	78.4	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
≥ 8000	57.8	80.4	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9
≥ 7000	59.9	83.0	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6
≥ 6000	61.4	85.2	85.4	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
≥ 5000	62.2	86.8	87.0	87.2	87.3	87.3	87.4	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9
≥ 4500	63.3	88.1	88.3	88.6	88.7	88.7	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 4000	64.1	90.2	90.8	91.0	91.2	91.2	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 3500	64.6	91.0	91.7	91.9	92.1	92.1	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 3000	64.9	91.6	92.2	92.4	92.7	92.7	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3
≥ 2500	65.3	92.9	93.6	93.8	94.0	94.0	94.2	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7
≥ 2000	65.3	93.3	94.1	94.3	94.6	94.6	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1800	65.4	93.4	94.2	94.4	94.7	94.7	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 1500	65.9	94.0	94.8	95.0	95.2	95.2	95.4	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1200	66.1	94.4	95.2	95.4	95.7	95.7	95.9	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 1000	66.4	94.9	95.8	96.0	96.2	96.2	96.4	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 900	66.6	95.1	96.0	96.2	96.4	96.4	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 800	66.7	95.3	96.2	96.7	97.0	97.0	97.2	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 700	66.7	95.8	96.7	97.1	97.4	97.4	97.7	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 600	66.7	95.8	96.7	97.1	97.4	97.4	97.7	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 500	66.7	95.9	96.9	97.4	97.9	97.9	98.2	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 400	66.7	96.0	97.0	97.6	98.2	98.2	98.7	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 300	66.7	96.2	97.2	97.8	98.7	98.7	99.1	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	66.7	96.4	97.4	98.0	98.9	98.9	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	66.7	96.4	97.4	98.0	98.9	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	66.7	96.4	97.4	98.0	98.9	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 86 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13928	FORBES FLD KS	63-70,73-74	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	41.1	62.4	63.4	63.6	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.7
≥ 20000	42.7	64.4	65.6	65.9	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.0
≥ 18000	42.7	64.4	65.6	65.9	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.0
≥ 6000	42.7	64.4	65.6	65.9	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.0
≥ 14000	42.7	65.1	66.2	66.6	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.7
≥ 12000	43.4	66.1	67.2	67.6	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.7
≥ 10000	46.1	69.7	70.8	71.2	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.4
≥ 9000	46.6	70.2	71.3	71.8	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.0
≥ 8000	48.4	74.0	75.3	75.8	76.4	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1
≥ 7000	51.2	77.2	78.7	79.1	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.4
≥ 6000	52.6	79.0	80.6	81.0	81.7	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.4
≥ 5000	53.3	81.1	82.7	83.1	83.8	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.6
≥ 4500	54.1	82.3	84.0	84.4	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.9
≥ 4000	55.3	85.1	87.1	87.6	88.3	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.3
≥ 3500	56.7	86.3	88.6	89.0	89.8	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.8
≥ 3000	57.6	87.3	89.6	90.0	90.8	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.8
≥ 2500	57.7	87.9	90.1	90.7	91.4	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.6
≥ 2000	57.9	88.4	90.7	91.2	92.0	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.1
≥ 1800	58.0	88.6	90.8	91.3	92.1	92.1	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2
≥ 1500	58.1	89.1	91.3	91.9	92.7	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.8
≥ 1200	58.2	89.8	92.1	92.7	93.6	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.8
≥ 1000	58.9	90.8	93.4	94.0	94.9	94.9	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.1
≥ 900	59.2	91.1	93.9	94.4	95.3	95.3	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.6
≥ 800	59.4	91.3	94.1	94.7	95.6	95.6	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.8
≥ 700	59.6	91.7	94.4	95.0	96.0	96.0	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.3
≥ 600	59.8	92.1	95.0	95.6	96.6	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	98.0
≥ 500	59.9	92.6	95.4	96.1	97.1	97.1	97.6	97.8	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.7
≥ 400	59.9	92.6	95.4	96.1	97.2	97.3	97.9	98.1	98.2	98.4	98.4	98.4	98.7	98.7	98.7	99.1
≥ 300	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.6	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.6
≥ 200	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.7
≥ 100	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.3	100.0
≥ 0	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 908

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?12	FORBES FLD KS	63-70,73-74	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	31.3	53.7	54.9	55.2	55.7	55.7	55.8	55.8	55.6	55.9	55.9	55.9	55.9	55.9	55.9	56.1
≥ 20000	33.2	56.1	57.3	57.7	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.6
≥ 18000	33.2	56.2	57.4	57.8	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 16000	33.2	56.2	57.4	57.8	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 14000	33.2	56.6	57.8	58.1	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	59.0
≥ 12000	34.1	57.8	59.0	59.4	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.3
≥ 10000	37.9	64.6	65.8	66.3	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.6
≥ 9000	38.7	66.1	67.3	67.9	68.4	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.1
≥ 8000	41.1	71.2	72.4	73.2	73.8	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.4
≥ 7000	42.1	73.4	74.9	75.7	76.2	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	77.0
≥ 6000	42.4	75.1	76.7	77.4	78.0	78.1	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.9
≥ 5000	43.6	77.8	79.3	80.1	80.7	80.8	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.6
≥ 4500	43.7	78.4	80.1	80.9	81.4	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.4
≥ 4000	45.2	81.3	83.1	84.0	84.8	85.0	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.9
≥ 3500	45.9	82.0	83.8	84.7	85.4	85.7	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.6
≥ 3000	46.6	83.1	84.9	85.8	86.6	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.7
≥ 2500	46.9	83.9	85.8	86.7	87.6	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.7
≥ 2000	47.3	85.4	87.6	88.4	89.4	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.6
≥ 1800	47.3	85.7	87.8	88.7	89.8	90.0	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.9
≥ 1500	48.4	86.9	89.0	90.0	91.3	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 1200	48.9	87.7	89.9	90.9	92.2	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.6
≥ 1000	49.2	88.6	90.8	91.8	93.2	93.6	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.6
≥ 900	49.2	88.7	91.0	92.0	93.7	94.1	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
≥ 800	49.3	89.2	91.6	92.7	94.3	94.8	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.8
≥ 700	49.6	89.6	91.9	93.0	95.1	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.6
≥ 600	49.7	90.3	92.7	93.8	96.0	96.4	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 500	49.9	90.7	93.3	94.8	97.0	97.4	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7
≥ 400	49.9	90.7	93.3	94.8	97.2	97.7	98.4	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.3
≥ 300	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.9
≥ 200	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.6	99.7	99.7	99.7	100.0
≥ 100	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.6	99.7	99.7	99.7	100.0
≥ 0	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17?2 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 — HOURS (L.S.T.)

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥ 1½	≥1¼	≥1	≥ ¾	≥½	≥¼	≥0	≥ ⅛	≥0
NO CEILING	35.9	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.8
≥ 20000	37.8	59.7	59.9	60.0	60.	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	37.8	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	37.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	38.3	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	39.6	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	43.3	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	43.6	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	46.0	73.1	73.4	73.6	73.6	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	46.6	75.1	75.4	75.6	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	47.1	76.3	76.7	76.9	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	47.8	77.8	78.1	78.3	78.4	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	48.7	78.9	79.3	79.6	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	49.9	80.6	81.0	81.2	81.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	49.9	80.9	81.4	81.7	81.8	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	50.4	82.1	82.7	82.9	83.0	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	52.0	84.4	85.0	85.2	85.3	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	53.4	86.9	87.4	87.7	87.8	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 800	53.9	88.3	88.9	89.2	89.3	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	55.7	91.3	91.9	92.2	92.3	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	56.2	92.6	93.2	93.6	93.7	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	56.6	94.1	94.9	95.3	95.6	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	56.9	94.4	95.2	95.7	95.9	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	57.1	94.9	95.8	96.3	96.6	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	57.1	95.2	96.3	96.9	97.3	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	57.1	95.6	96.7	97.2	97.7	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	57.2	96.0	97.2	97.9	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]2	FORBES FLD KS	63-70,73-74	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	40.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	42.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	42.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 17000	42.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	42.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	43.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	46.6	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	69.3
≥ 9000	47.3	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	70.7
≥ 8000	48.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	49.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	49.8	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	50.3	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	51.3	78.0	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	53.0	81.6	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	53.9	82.7	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	55.2	85.0	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	57.9	88.6	89.2	89.2	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	59.4	91.4	92.3	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	59.4	92.0	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	60.4	93.7	94.6	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	60.9	94.4	95.3	95.3	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	61.0	95.4	96.4	96.4	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	61.1	95.6	96.6	96.6	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	61.1	96.0	97.1	97.1	97.3	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 700	61.1	96.6	97.7	97.9	98.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 600	61.1	96.7	97.8	98.0	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 500	61.1	96.8	97.9	98.1	98.6	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-2 (STATION) | FORBES FLD KS (STATION NAME) | 63-70,73-74 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	45.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	47.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	47.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.8
≥ 17000	47.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	47.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	48.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	50.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	51.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	53.2	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	79.9
≥ 7000	54.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	54.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	55.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	56.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	57.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	59.3	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	61.0	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	62.1	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	63.2	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	63.2	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	63.4	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	63.4	96.1	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	63.7	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 900	63.7	97.3	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	63.7	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	63.7	97.6	98.1	98.1	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	63.7	97.8	98.3	98.3	98.4	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	63.7	97.8	98.4	98.4	98.6	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 400	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 1900-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥Y	≥5/16	≥¼	≥0
NO CEILING	49.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	51.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	51.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	51.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	51.9	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	77.8	77.8	77.8
≥ 2000	52.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	53.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	53.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	54.3	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	55.4	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	56.3	85.3	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	58.6	87.9	88.3	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	60.2	89.8	89.9	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	60.7	91.2	91.6	91.6	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	61.1	91.8	92.1	92.1	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	62.0	92.8	93.1	93.1	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	63.2	94.4	94.8	94.8	95.1	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	63.6	95.1	95.6	95.6	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	63.7	95.3	95.8	95.8	96.2	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	63.7	95.6	96.0	96.0	96.4	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	63.8	96.2	96.7	96.7	97.3	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	63.8	96.4	97.0	97.0	97.7	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	63.8	96.6	97.1	97.1	97.8	97.9	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	63.8	96.7	97.2	97.2	97.9	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	63.8	96.8	97.3	97.3	98.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	63.8	96.9	97.4	97.4	98.1	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	63.8	96.9	97.4	97.6	98.2	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	63.8	97.0	97.6	97.8	98.6	98.7	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923 | FORBES FLD KS | 63-70,73-74 | JUN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	52.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	54.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	54.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	54.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	54.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	54.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	56.6	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	78.2
≥ 9000	57.2	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	78.9
≥ 8000	58.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	60.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	61.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	62.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	64.4	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	65.2	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	65.6	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	66.7	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	66.9	94.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	67.2	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	67.3	95.3	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	67.9	96.2	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	68.1	96.8	97.4	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	68.3	97.1	97.8	98.1	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	68.3	97.3	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	68.3	97.3	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	68.4	97.4	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	68.4	97.4	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	68.4	97.9	98.6	98.9	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	68.4	98.0	98.7	99.0	99.2	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] 2	FORBES FLD KS	63-70,73-74	JUN
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥½	≥ ⅜	≥5/16	≥¼	≥0
NO CEILING	43.5	65.4	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0
≥ 20000	45.3	67.5	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 18000	45.3	67.5	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 16000	45.3	67.6	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
> 14000	45.5	68.0	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
≥ 12000	46.3	69.1	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
≥ 10000	48.9	73.0	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
≥ 9000	49.3	73.9	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8
≥ 8000	51.1	76.9	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	52.3	78.8	79.3	79.4	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 6000	53.2	80.6	81.1	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 5000	54.3	82.5	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 4500	55.2	83.6	84.2	84.4	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 4000	56.5	86.1	86.8	87.1	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 3500	57.1	87.0	87.8	88.0	88.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 3000	58.0	88.4	89.2	89.4	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 2500	59.0	90.0	90.9	91.2	91.5	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 2000	59.8	91.4	92.3	92.6	92.9	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 1800	59.8	91.8	92.7	93.0	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1500	60.4	92.8	93.8	94.1	94.5	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 1200	60.7	93.5	94.5	94.8	95.3	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 1000	61.0	94.3	95.4	95.7	96.2	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 900	61.1	94.5	95.7	96.0	96.5	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 800	61.2	94.8	96.0	96.4	96.9	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 700	61.2	95.1	96.3	96.7	97.3	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 600	61.3	95.3	96.6	97.0	97.6	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 500	61.3	95.6	96.9	97.4	98.1	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.3
≥ 400	61.3	95.6	97.0	97.5	98.3	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 300	61.3	95.7	97.1	97.7	98.5	98.8	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	61.3	95.8	97.2	97.7	98.5	98.8	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 100	61.3	95.8	97.2	97.7	98.5	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	61.3	95.8	97.2	97.7	98.5	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7488

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2 | FORBES FLD KS | 63-70,73-74 | JUL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<¼
NO CEILING	57.3	78.9	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	79.9
≥ 20000	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	59.1	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	61.9	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	63.1	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	64.4	87.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	64.7	88.2	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
≥ 6000	65.8	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	66.9	92.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	67.3	92.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	68.0	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	68.1	93.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	68.3	94.0	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	69.0	95.3	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	69.4	95.7	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	69.4	95.7	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	69.4	95.7	97.5	97.6	97.6	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	69.5	96.1	98.0	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	69.6	96.2	98.1	98.3	98.3	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	69.6	96.3	98.2	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	69.6	96.3	98.2	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	69.6	96.3	98.2	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	69.6	96.5	98.3	98.5	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	69.7	96.8	98.6	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	69.7	96.8	98.7	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17,2	FORBES FLD KS	63-70,73-74	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/8	≥¼	≥0
NO CEILING	49.7	69.6	70.5	70.8	71.0	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6
≥ 20000	50.2	71.2	72.2	72.4	72.6	72.9	72.9	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2
≥ 18000	50.2	71.2	72.2	72.4	72.6	72.9	72.9	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2
≥ 16000	50.3	71.3	72.3	72.5	72.7	73.0	73.0	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3
≥ 14000	50.3	71.3	72.3	72.5	72.7	73.0	73.0	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3
≥ 12000	51.2	72.6	73.7	73.9	74.1	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7
≥ 10000	53.5	75.8	76.9	77.1	77.3	77.6	77.6	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0
≥ 9000	54.3	77.3	78.4	78.6	78.8	79.1	79.1	79.2	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5
≥ 8000	57.1	81.3	82.4	82.6	82.8	83.1	83.3	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7
≥ 7000	57.3	81.8	83.0	83.2	83.7	84.0	84.2	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5
≥ 6000	58.9	84.2	85.6	85.8	86.2	86.6	86.8	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1
≥ 5000	59.9	87.0	88.4	88.6	89.0	89.4	89.6	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9
≥ 4500	60.4	88.0	89.5	89.7	90.1	90.4	90.6	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0
≥ 4000	61.9	90.6	92.2	92.6	93.0	93.3	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9
≥ 3500	62.4	91.6	93.1	93.5	94.0	94.3	94.5	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8
≥ 3000	62.9	92.4	94.0	94.4	94.8	95.2	95.6	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0
≥ 2500	63.2	92.8	94.5	94.9	95.4	95.7	96.1	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7
≥ 2000	63.5	93.3	95.1	95.5	95.9	96.2	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1800	63.5	93.3	95.1	95.5	95.9	96.2	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1500	63.5	93.4	95.2	95.6	96.0	96.3	96.8	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3
≥ 1200	63.9	93.8	95.5	95.9	96.3	96.7	97.1	97.3	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7
≥ 1000	63.9	94.0	95.7	96.1	96.6	96.9	97.3	97.5	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0
≥ 900	63.9	94.0	95.7	96.1	96.6	96.9	97.4	97.6	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 800	63.9	94.0	95.7	96.1	96.6	96.9	97.4	97.6	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 700	63.9	94.1	95.9	96.3	96.8	97.1	97.6	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3
≥ 600	64.0	94.2	96.0	96.5	97.0	97.3	98.0	98.2	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7
≥ 500	64.0	94.4	96.5	96.9	97.5	97.8	98.6	98.8	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400	64.1	94.5	96.6	97.0	97.7	98.1	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.9
≥ 0	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12	FORBES FLD KS	63-70,73-74	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	39.4	64.9	66.7	66.6	67.4	67.7	67.8	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.4	68.7
≥ 25000	41.4	67.1	68.2	68.7	69.7	70.0	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.6	71.0
≥ 8000	41.4	67.1	68.2	68.7	69.7	70.0	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.6	71.0
≥ 5000	41.4	67.1	68.2	68.7	69.7	70.0	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.6	71.0
≥ 4000	41.5	67.6	68.7	69.2	70.2	70.5	70.6	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.2	71.5
≥ 3000	42.2	68.7	69.8	70.3	71.3	71.6	71.7	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.3	72.6
≥ 2500	44.3	72.8	73.9	74.5	75.6	75.9	76.0	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.6	76.9
≥ 2000	45.1	74.4	75.5	76.1	77.2	77.5	77.6	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.2	78.5
≥ 1800	47.1	79.6	80.6	81.3	82.4	82.7	82.8	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.7
≥ 1600	48.1	82.0	83.1	83.8	84.9	85.3	85.4	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.9	86.2
≥ 1400	48.7	84.7	85.8	86.6	88.0	88.4	88.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.4
≥ 1200	49.5	86.5	87.6	88.4	89.8	90.3	90.4	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.4
≥ 1000	49.9	87.4	88.8	89.7	91.1	91.7	91.8	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.5	92.8
≥ 900	50.5	88.4	89.8	90.6	92.0	92.7	92.8	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.9
≥ 800	50.6	88.6	90.0	90.9	92.3	92.9	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.8	94.1
≥ 700	51.2	89.5	90.9	91.7	93.1	93.8	93.9	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.9
≥ 600	51.4	89.9	91.5	92.4	93.8	94.4	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.3	95.6
≥ 500	51.6	90.5	92.2	93.0	94.4	95.1	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.9	96.2
≥ 400	51.6	90.6	92.3	93.1	94.5	95.2	95.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9	96.0	96.3
≥ 300	51.8	91.1	92.7	93.5	94.9	95.6	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.8
≥ 200	51.8	91.4	93.0	93.9	95.3	95.9	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.1
≥ 100	52.2	91.6	93.3	94.2	95.6	96.2	96.5	96.8	96.8	97.1	97.1	97.1	97.2	97.2	97.3	97.6
≥ 0	52.3	91.7	93.4	94.3	95.8	96.5	96.7	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.5	97.8
	52.4	91.8	93.5	94.4	96.0	96.7	96.9	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.7	98.1
	52.4	92.2	93.9	94.9	96.7	97.3	97.7	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.6	98.9
	52.4	92.2	93.9	94.9	96.7	97.4	97.8	98.2	98.2	98.5	98.5	98.6	98.7	98.7	98.8	99.1
	52.5	92.5	94.2	95.3	97.0	97.7	98.3	98.6	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.6
	52.5	92.5	94.2	95.3	97.0	97.7	98.3	98.6	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.6
	52.5	92.5	94.2	95.3	97.0	97.7	98.3	98.6	98.6	98.9	98.9	99.1	99.2	99.2	99.4	99.7
	52.5	92.5	94.2	95.3	97.1	97.8	98.4	98.7	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.8
	52.5	92.5	94.2	95.3	97.1	97.8	98.4	98.7	98.7	99.1	99.1	99.4	99.5	99.5	99.6	100.0
	52.5	92.5	94.2	95.3	97.1	97.8	98.4	98.7	98.7	99.1	99.1	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(72) | FORBES FLD KS | 63-70,73-74 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.4	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	47.0	72.7	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	73.3
≥ 18000	47.2	72.9	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
≥ 16000	47.3	73.0	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	47.7	73.5	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
≥ 12000	49.6	76.2	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	52.5	81.0	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	52.9	82.8	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	54.1	85.2	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	55.5	86.9	87.4	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	56.3	89.1	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	57.1	90.1	90.9	91.5	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	57.1	90.4	91.3	91.9	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	57.5	91.3	92.2	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	58.2	92.3	93.1	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	58.6	92.8	93.7	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	59.1	93.5	94.4	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	59.8	94.4	95.3	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	59.8	94.5	95.4	96.1	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	60.0	95.3	96.1	96.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	60.2	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	60.8	96.5	97.5	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	60.8	96.6	97.6	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	60.8	96.6	97.6	98.4	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	60.8	96.9	98.1	98.7	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	60.8	97.0	98.1	98.8	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	60.9	97.1	98.2	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1252	FORBES FLD KS	63-70,73-74	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.7	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	74.5
≥ 20000	52.5	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	52.7	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 17000	52.8	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	53.0	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	54.1	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	56.3	82.9	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 9000	57.0	84.5	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	58.5	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	59.1	87.7	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	59.6	88.8	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	60.5	90.3	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	61.0	91.1	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	62.0	93.2	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	62.2	93.4	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
≥ 3000	63.9	95.4	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	64.4	96.8	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	65.1	97.4	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	65.3	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	65.3	98.0	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	65.5	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	65.6	98.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723	FORBES FLD KS	63-70,73-74	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.2	76.9	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
≥ 20000	54.9	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	55.1	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	55.1	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	55.6	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	81.6	81.6
≥ 12000	57.5	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	60.3	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	61.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	62.4	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	62.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	63.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	63.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	63.7	94.1	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	94.4
≥ 4000	64.7	95.7	96.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	64.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	65.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	66.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	66.5	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	98.6	98.6
≥ 1800	66.5	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	66.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	66.6	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	99.4	99.4
≥ 1000	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	66.6	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	66.6	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	66.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
13921	FORBES FLD KS	63-70,73-74	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	55.6	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	83.1	83.1
≥ 20000	58.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	58.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	58.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 14000	58.3	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	58.9	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	60.8	89.5	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 9000	61.4	90.3	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	62.3	92.3	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	62.5	93.1	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	63.1	94.1	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	64.1	95.2	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	64.2	95.5	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	64.5	96.0	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	64.7	96.2	96.7	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	65.2	97.0	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	65.7	97.5	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	65.9	97.7	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	65.9	98.0	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	65.9	98.1	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	65.9	98.1	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	65.9	98.2	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	65.9	98.2	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	65.9	98.3	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	65.9	98.4	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	65.9	98.4	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2J	FORBES FLD KS	63-70,73-74	JUL
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	61.4	83.4	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
≥ 20000	61.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	61.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	61.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	62.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000	63.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	64.6	87.5	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	66.0	88.9	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	67.7	91.3	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	68.4	92.4	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	68.9	92.9	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	69.7	94.0	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	69.7	94.0	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	70.3	94.6	95.4	95.5	95.7	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	70.5	95.1	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	71.2	95.9	96.8	96.9	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	71.6	96.3	97.2	97.3	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	71.9	97.0	98.0	98.1	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	71.9	97.0	98.0	98.1	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	72.0	97.2	98.2	98.3	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	72.6	97.7	98.7	98.8	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	72.6	97.7	98.7	98.8	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	72.6	97.8	98.8	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	72.6	97.8	98.8	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(72) | FORBES FLD KS | 63-70,73-74 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	51.1	75.2	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3
≥ 20000	53.3	77.2	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 18000	53.1	77.3	77.9	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	53.1	77.4	77.9	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 14000	53.4	77.7	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 12000	54.5	79.2	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	56.3	82.6	83.3	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 9000	57.6	84.1	84.8	85.0	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 8000	59.2	86.8	87.5	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 7000	59.8	88.0	88.7	88.9	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	60.6	89.5	90.2	90.4	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	61.4	91.1	91.9	92.2	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	61.7	91.6	92.5	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 4000	62.4	92.9	93.9	94.2	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 3500	62.7	93.3	94.3	94.6	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 3000	63.3	94.2	95.2	95.5	95.9	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 2500	63.9	95.0	96.0	96.4	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 2000	64.2	95.5	96.6	97.0	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1800	64.2	95.6	96.7	97.1	97.5	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 1500	64.3	95.9	97.0	97.4	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1200	64.5	96.2	97.4	97.7	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1000	64.6	96.4	97.6	97.9	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	64.6	96.5	97.6	98.0	98.4	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	64.6	96.5	97.6	98.0	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 700	64.7	96.6	97.8	98.2	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 600	64.7	96.7	97.8	98.2	98.8	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 500	64.7	96.8	98.3	98.4	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	64.7	96.8	98.0	98.5	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 300	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7442

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

GLOBAL CLIMATOLOGY BRANCH
CAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]000-[illegible]2[illegible]
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	85.3	75.1	76.[illegible]	76.2	7[illegible].5	76.5	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 20000	56.3	76.7	77.6	77.8	78.1	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	56.3	76.7	77.6	77.8	78.1	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 17000	56.3	76.7	77.6	77.8	78.1	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	56.4	76.9	77.7	77.9	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	57.4	77.9	78.8	79.0	79.3	79.3	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	59.4	81.4	82.3	82.6	82.9	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	59.4	81.8	82.9	83.1	83.4	83.4	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	61.1	84.1	85.3	85.5	85.9	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	62.3	86.3	87.5	87.7	88.3	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	62.3	87.2	88.4	88.6	89.1	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	63.3	89.1	90.4	90.7	91.3	91.3	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	63.8	90.2	91.7	92.1	93.0	93.0	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	64.5	91.9	92.4	92.8	93.8	93.8	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	64.9	91.6	93.1	93.6	94.6	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	65.0	91.7	93.2	93.8	94.8	94.8	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	65.3	92.0	93.5	94.1	95.2	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	65.3	92.1	93.8	94.3	95.4	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	65.6	92.4	94.0	94.5	95.6	95.6	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	65.7	92.6	94.5	95.0	96.1	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	65.7	92.9	94.7	95.4	96.4	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	65.9	93.1	95.0	95.7	96.8	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	65.9	93.4	95.5	96.1	97.2	97.2	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	65.9	93.9	95.9	96.6	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	65.9	94.2	96.2	97.2	98.3	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	65.9	94.3	96.3	97.3	98.5	98.5	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	65.9	94.3	96.3	97.5	98.7	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	65.9	94.3	96.3	97.5	98.7	98.7	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]92[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923	FORBES FLD KS	63-70,73-74	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	47.4	66.6	68.3	68.9	69.6	69.6	70.5	70.5	70.6	70.7	70.9	70.9	70.9	70.9	70.9	71.0
≥ 20000	48.8	68.2	69.6	70.5	71.3	71.3	72.1	72.1	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.7
≥ 18000	48.8	68.2	69.6	70.5	71.3	71.3	72.1	72.1	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.7
≥ 16000	48.8	68.2	69.6	70.5	71.3	71.3	72.1	72.1	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.7
≥ 14000	48.9	68.4	69.8	70.6	71.4	71.4	72.2	72.2	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.8
≥ 12000	50.1	69.5	70.9	71.8	72.6	72.6	73.4	73.4	73.5	73.6	73.8	73.8	73.8	73.6	73.8	74.0
≥ 10000	52.3	73.5	74.9	75.9	76.6	76.6	77.5	77.5	77.6	77.7	77.9	77.9	77.9	77.9	77.9	78.0
≥ 9000	52.7	74.2	75.6	76.5	77.3	77.3	78.1	78.1	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.7
≥ 8000	55.2	77.1	78.5	79.4	80.3	80.5	81.4	81.4	81.5	81.6	81.8	81.8	81.8	81.8	81.9	82.0
≥ 7000	56.9	79.7	81.1	82.1	83.0	83.2	84.1	84.1	84.2	84.3	84.5	84.5	84.5	84.5	84.6	84.7
≥ 6000	57.4	81.7	83.2	84.3	85.1	85.4	86.2	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.8	86.9
≥ 5000	58.6	83.7	85.3	86.4	87.3	87.5	88.5	88.5	88.6	88.7	88.9	88.9	88.9	88.9	89.0	89.1
≥ 4500	59.2	85.0	86.7	87.8	88.7	88.9	90.1	90.2	90.3	90.4	90.6	90.6	90.6	90.6	90.7	90.9
≥ 4000	60.3	86.4	88.1	89.2	90.1	90.3	91.5	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.1	92.2
≥ 3500	60.8	87.2	88.8	90.0	90.9	91.1	92.2	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.9	93.0
≥ 3000	60.8	87.6	89.2	90.4	91.3	91.5	92.7	92.8	92.9	93.0	93.2	93.2	93.2	93.2	93.3	93.4
≥ 2500	61.0	87.8	89.5	90.6	91.5	91.8	93.0	93.1	93.2	93.3	93.5	93.5	93.5	93.5	93.6	93.8
≥ 2000	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1800	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1500	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1200	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1000	61.2	88.5	90.4	91.6	92.5	92.8	94.1	94.2	94.3	94.4	94.6	94.6	94.7	94.7	94.8	94.9
≥ 900	61.4	88.7	90.6	91.8	92.7	93.0	94.3	94.4	94.5	94.6	94.8	94.8	94.9	94.9	95.0	95.2
≥ 800	61.5	88.9	91.1	92.2	93.1	93.4	94.7	94.8	94.9	95.0	95.3	95.3	95.4	95.4	95.5	95.6
≥ 700	61.5	89.5	91.7	93.0	93.9	94.2	95.6	95.7	95.8	95.9	96.1	96.1	96.2	96.2	96.3	96.4
≥ 600	61.5	89.8	92.1	93.5	94.7	95.0	96.4	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.3	97.4
≥ 500	61.5	90.1	92.5	93.9	95.2	95.5	96.9	97.1	97.2	97.3	97.5	97.5	97.6	97.6	97.7	97.8
≥ 400	61.5	90.1	92.5	94.0	95.4	95.7	97.2	97.4	97.5	97.7	98.0	98.0	98.1	98.1	98.2	98.3
≥ 300	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.0	98.1	98.6	98.8	98.8	98.9	98.9	99.0	99.1
≥ 200	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.1	98.2	98.8	99.0	99.0	99.2	99.2	99.5	99.6
≥ 100	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.1	98.2	98.8	99.0	99.0	99.4	99.4	99.6	99.9
≥ 0	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.1	98.2	98.8	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 924

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
13 23	FORBES FLD KS	63-70,73-74	AUG

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

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	32.5	56.1	60.9	62.2	63.4	63.6	64.3	64.8	65.1	65.2	65.4	65.4	65.4	65.6	65.8	66.0
≥ 20000	33.2	56.8	61.6	62.9	64.0	64.3	64.9	65.4	65.8	65.9	66.1	66.1	66.1	66.2	66.4	66.6
≥ 18000	33.2	58.8	61.6	62.9	64.0	64.3	64.9	65.4	65.8	65.9	66.1	66.1	66.1	66.2	66.4	66.6
≥ 17000	33.2	59.1	61.9	63.2	64.4	64.6	65.2	65.8	66.	66.2	66.4	66.4	66.4	66.5	66.7	67.0
≥ 14000	33.5	59.5	62.3	63.6	64.8	65.0	65.7	66.2	66.5	66.6	66.8	66.8	66.8	67.0	67.2	67.4
≥ 12000	34.0	60.2	63.2	64.6	65.8	66.0	66.7	67.3	67.6	67.7	67.9	67.9	67.9	68.0	68.2	68.5
≥ 10000	36.3	64.5	67.8	69.4	70.8	71.0	71.9	72.4	72.8	72.9	73.1	73.1	73.1	73.2	73.4	73.6
≥ 9000	36.7	65.2	68.6	70.4	71.8	72.0	73.0	73.5	73.8	74.0	74.2	74.2	74.2	74.3	74.5	74.7
≥ 8000	38.0	68.2	71.6	73.5	74.9	75.1	76.1	76.7	77.1	77.2	77.4	77.4	77.4	77.5	77.7	77.9
≥ 7000	38.3	69.8	73.4	75.3	77.0	77.2	78.1	78.9	79.2	79.4	79.7	79.7	79.7	79.8	80.0	80.2
≥ 6000	39.3	72.7	76.3	78.3	80.0	80.2	81.6	82.6	82.9	83.2	83.4	83.4	83.4	83.5	83.7	84.0
≥ 5000	39.8	74.3	77.9	79.9	81.6	81.8	83.2	84.3	84.6	84.9	85.1	85.1	85.1	85.3	85.5	85.7
≥ 4500	40.4	75.5	79.1	81.1	83.0	83.2	84.6	85.7	86.0	86.3	86.5	86.5	86.5	86.7	86.9	87.1
≥ 4000	41.1	77.0	80.8	82.8	84.8	85.0	86.4	87.5	87.8	88.2	88.4	88.4	88.4	88.5	88.7	88.9
≥ 3500	41.3	77.5	81.6	83.5	85.6	85.8	87.2	88.4	88.7	89.1	89.3	89.3	89.3	89.5	89.7	89.9
≥ 3000	41.7	78.1	82.3	84.3	86.4	86.7	88.1	89.2	89.6	90.0	90.2	90.2	90.2	90.3	90.5	90.7
≥ 2500	41.9	78.6	82.8	84.9	87.1	87.3	88.7	89.9	90.2	90.6	90.9	90.9	90.9	91.0	91.2	91.4
≥ 2000	42.0	78.9	83.1	85.4	87.5	87.7	89.5	90.6	91.0	91.4	91.6	91.6	91.6	91.7	91.9	92.1
≥ 1800	42.0	79.0	83.1	85.4	87.5	87.7	89.5	90.6	91.0	91.4	91.6	91.6	91.6	91.7	91.9	92.1
≥ 1500	42.1	79.1	83.3	85.6	87.7	88.1	89.8	91.0	91.3	91.7	91.9	91.9	91.9	92.0	92.2	92.5
≥ 1200	42.2	79.5	83.7	86.0	88.4	88.8	90.5	91.7	92.0	92.5	92.7	92.7	92.7	92.8	93.0	93.2
≥ 1000	42.2	79.5	83.7	86.0	88.4	88.8	90.5	91.7	92.0	92.5	92.7	92.7	92.7	92.8	93.0	93.2
≥ 900	42.2	79.7	83.9	86.1	88.6	89.0	90.7	91.9	92.2	92.7	92.9	92.9	92.9	93.0	93.2	93.4
≥ 800	42.2	79.8	84.1	86.7	89.2	89.7	91.5	92.7	93.0	93.4	93.8	93.8	93.8	93.9	94.1	94.3
≥ 700	42.2	80.3	84.6	87.3	90.1	90.5	92.4	93.5	93.9	94.3	94.6	94.6	94.6	94.7	94.9	95.2
≥ 600	42.2	80.3	84.6	87.4	90.3	90.7	92.6	93.8	94.1	94.5	94.8	94.8	94.8	94.9	95.2	95.4
≥ 500	42.2	80.7	85.3	88.1	91.1	91.5	93.3	94.6	94.9	95.4	95.7	95.8	95.8	95.9	96.1	96.3
≥ 400	42.2	80.7	85.3	88.2	91.3	91.8	93.6	95.0	95.4	96.0	96.6	96.7	96.7	96.8	97.0	97.2
≥ 300	42.2	80.8	85.4	88.3	91.6	92.1	94.3	96.0	96.4	97.2	98.4	98.6	98.6	98.7	99.0	99.2
≥ 200	42.2	80.8	85.4	88.3	91.6	92.1	94.5	96.2	96.8	97.5	98.7	98.9	99.0	99.2	99.6	99.8
≥ 100	42.2	80.8	85.4	88.3	91.6	92.1	94.5	96.2	96.8	97.5	98.7	98.9	99.0	99.2	99.6	99.8
≥ 0	42.2	80.8	85.4	88.3	91.6	92.1	94.5	96.2	96.8	97.5	98.7	98.9	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	39.9	66.2	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	41.2	67.6	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	41.2	67.6	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 17000	41.2	67.7	68.4	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	41.4	68.1	68.7	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 15000	41.6	68.4	69.0	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	45.2	73.1	74.0	74.6	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 13000	45.5	74.0	75.1	75.7	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	46.8	78.1	79.1	79.8	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 11000	47.7	80.5	81.6	82.3	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	48.3	82.2	83.4	84.1	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	49.4	83.9	85.2	85.8	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	49.8	84.8	86.1	86.8	87.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	49.9	85.3	86.7	87.4	88.2	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	50.1	85.8	87.4	88.2	89.0	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	50.1	85.8	87.4	88.2	89.2	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	50.5	86.6	88.2	88.9	90.0	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	50.8	87.0	88.6	89.4	90.4	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	50.9	87.1	88.7	89.6	90.6	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	51.3	88.3	90.2	91.1	92.2	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	51.6	88.8	90.8	91.7	92.8	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	51.7	89.0	91.0	92.0	93.1	93.4	94.3	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	51.7	89.2	91.4	92.5	93.5	93.9	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	51.8	89.7	91.8	92.9	94.1	94.5	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	52.3	90.6	93.0	94.3	95.5	95.9	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	52.3	90.9	93.2	94.5	95.8	96.3	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	52.4	91.3	94.0	95.4	96.7	97.3	98.5	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	52.4	91.4	94.2	95.7	97.2	97.8	99.1	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 979

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 N Z	FORBES FLD KS	63-70,73-74	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	41.7	66.9	67.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.0	67.0	67.0
≥ 20000	44.6	70.2	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
≥ 18000	44.6	70.2	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
≥ 17000	44.7	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	45.2	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	70.9	70.9
≥ 12000	46.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	49.3	77.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	50.2	77.8	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	51.8	80.8	81.0	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
≥ 7000	52.0	82.3	82.5	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	52.4	83.1	83.5	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	53.8	85.2	85.8	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	54.3	85.8	86.4	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	55.1	87.5	88.1	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	55.0	87.8	88.8	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	55.3	89.1	90.1	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	56.1	90.3	91.3	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	57.2	91.9	92.9	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	57.9	92.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	58.1	94.1	95.2	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	58.4	94.5	95.6	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	58.5	95.0	96.1	96.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	58.5	95.4	96.4	97.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	58.7	95.7	96.8	97.3	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	58.8	95.9	97.0	97.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	59.1	96.1	97.2	97.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923	FORBES FLD KS	63-70,73-74	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	44.7	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	49.1	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	49.4	73.6	73.6	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
≥ 17000	49.5	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	70.3	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	91.1	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	93.7	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	94.4	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	95.6	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	96.1	85.9	85.9	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
≥ 6000	96.6	87.5	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	97.7	89.0	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	97.7	89.5	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	99.1	91.8	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	99.3	92.1	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	99.4	92.6	93.2	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	99.9	93.9	94.5	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	100.3	94.6	95.3	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	100.3	95.2	95.8	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	100.3	95.5	96.1	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	101.1	96.3	97.1	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	101.4	97.0	97.7	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	101.4	97.0	97.7	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	101.5	97.1	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	101.5	97.1	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	101.5	97.1	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	101.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	101.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	101.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	101.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	101.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	101.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17921 | FORBES FLD KS | 63-70,73-74 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	48.6	73.4	73.5	73.6	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	48.9	75.9	76.1	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	48.8	75.9	76.1	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 17000	48.8	75.9	76.1	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	49.2	76.4	76.5	76.6	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	49.6	77.0	77.2	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	52.2	82.3	82.8	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	52.5	83.3	83.7	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	54.5	86.0	86.4	86.5	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	55.1	87.3	87.7	87.8	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	55.4	89.1	89.6	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	55.8	90.3	90.7	90.9	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	55.9	91.5	91.5	91.7	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	57.9	93.1	94.1	94.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	58.3	93.4	94.4	94.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	58.3	94.0	94.9	95.2	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	58.9	94.5	95.5	95.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	59.3	95.2	96.2	96.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	59.3	95.4	96.4	96.7	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	59.4	95.5	96.6	96.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	59.4	95.7	96.9	97.1	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	59.4	96.0	97.3	97.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	59.4	96.2	97.5	97.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	59.4	96.3	97.6	97.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	59.4	96.3	97.6	97.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	59.4	96.3	97.6	98.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1352. | FORBES FLD KS | 63-70,73-74 | AUG

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	20
NO CEILING	74.1	76.6	77.0	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	75.7	78.2	78.7	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	55.3	78.3	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	55.3	78.3	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 14000	55.9	78.4	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	56.6	79.3	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	60.2	84.4	84.8	84.8	85.0	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	60.5	84.9	85.3	85.3	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	62.1	86.9	87.4	87.4	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	63.3	88.6	89.1	89.1	89.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	63.3	88.9	89.5	89.5	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	64.1	90.7	91.4	91.4	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	64.3	91.6	92.5	92.5	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	65.5	93.1	94.0	94.0	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	65.9	94.1	94.9	94.9	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	66.4	94.7	95.6	95.6	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	66.6	95.2	96.0	96.0	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	66.9	95.9	96.8	96.8	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	66.9	96.0	96.9	96.9	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	66.9	96.4	97.3	97.3	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	66.9	96.6	97.4	97.4	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	67.1	97.3	97.8	97.8	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	67.1	97.3	97.8	97.8	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	67.1	97.4	98.3	98.3	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	67.1	97.4	98.3	98.3	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723 | STATION | FORBES FLD KS | STATION NAME | 63-70,73-74 | YEARS | AUG | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL | HOURS (L.S.T.)

CEILING (FEET)	VISBY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	45.5	69.2	70.0	70.4	70.8	70.8	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 20000	47.2	71.1	71.9	72.3	72.7	72.7	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 18000	47.2	71.2	72.0	72.3	72.8	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
≥ 16000	47.3	71.3	72.0	72.4	72.8	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4
≥ 14000	47.6	71.6	72.4	72.8	73.2	73.2	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8
≥ 12000	48.4	72.6	73.5	73.8	74.3	74.3	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	51.1	77.0	78.0	78.5	79.0	79.1	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7
≥ 9000	51.5	77.8	78.8	79.3	79.8	79.9	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 8000	53.1	80.6	81.7	82.2	82.8	82.9	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 7000	54.0	82.5	83.6	84.2	84.8	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6
≥ 6000	54.4	84.0	85.2	85.8	86.4	86.5	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3
≥ 5000	55.3	85.8	87.0	87.6	88.3	88.4	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 4500	55.6	86.6	88.0	88.6	89.4	89.5	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 4000	56.6	88.1	89.6	90.2	91.0	91.2	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 3500	56.9	88.7	90.2	90.9	91.7	91.9	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.9	92.9
≥ 3000	57.2	89.2	90.8	91.4	92.3	92.4	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4
≥ 2500	57.5	89.9	91.4	92.1	93.0	93.1	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 2000	57.9	90.5	92.1	92.9	93.8	93.9	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0
≥ 1800	58.0	90.7	92.3	93.1	94.1	94.2	94.8	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1500	58.2	91.2	92.9	93.7	94.7	94.9	95.5	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1200	58.3	91.5	93.3	94.1	95.2	95.4	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 1000	58.4	91.9	93.6	94.5	95.6	95.8	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 900	58.5	92.1	93.9	94.7	95.8	96.0	96.7	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2
≥ 800	58.5	92.3	94.2	95.1	96.2	96.4	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 700	58.6	92.7	94.5	95.5	96.7	96.9	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 600	58.6	92.8	94.7	95.8	97.0	97.3	98.0	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 500	58.6	93.0	94.9	96.0	97.3	97.6	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 400	58.6	93.0	95.0	96.1	97.5	97.7	98.5	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 300	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8
≥ 200	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 743

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
13902	FORBES FLD KS	63-70,73-74	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	52.6	68.3	69.2	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	70.5
≥ 20000	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 18000	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 17000	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 16000	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 14000	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 12000	53.6	69.3	70.2	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	71.2
≥ 10000	55.0	71.3	72.2	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.3
≥ 9000	55.2	71.8	72.7	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.8
≥ 8000	57.0	73.8	74.7	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.8
≥ 7000	57.6	74.8	75.7	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	77.1
≥ 6000	58.5	76.1	76.9	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	78.3
≥ 5000	59.7	78.0	79.1	79.5	79.6	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.7
≥ 4500	60.1	79.3	80.5	81.0	81.1	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	82.2
≥ 4000	61.4	81.2	82.5	83.0	83.2	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	84.3
≥ 3500	62.2	82.9	84.2	84.6	84.9	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	86.0
≥ 3000	63.5	84.1	85.4	86.0	86.2	86.5	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	87.3
≥ 2500	64.5	85.5	86.9	87.4	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.9
≥ 2000	64.7	86.9	88.2	88.8	89.1	89.4	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	90.2
≥ 1800	64.9	87.3	88.6	89.2	89.5	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.6
≥ 1500	65.4	88.1	89.4	90.0	90.3	90.6	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.4
≥ 1200	65.8	88.6	90.0	90.6	91.0	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	92.2
≥ 1000	66.1	89.5	90.9	91.5	91.9	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	93.1
≥ 900	66.3	90.1	91.4	92.1	92.4	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.7
≥ 800	66.5	90.6	92.0	92.8	93.1	93.5	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	94.3
≥ 700	66.9	91.2	92.5	93.4	93.8	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	95.0
≥ 600	67.6	92.4	94.1	95.1	95.9	96.4	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.4
≥ 500	67.9	93.1	94.8	96.1	96.9	97.6	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.6
≥ 400	67.9	93.1	94.8	96.1	96.9	97.6	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.8
≥ 300	67.9	93.2	94.9	96.2	97.0	97.7	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.9
≥ 200	67.9	93.2	94.9	96.2	97.0	97.7	97.9	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	99.2
≥ 100	67.9	93.2	94.9	96.2	97.0	97.7	97.9	98.2	98.4	98.6	98.7	98.7	98.7	98.7	99.0	100.0
≥ 0	67.9	93.2	94.9	96.2	97.0	97.7	97.9	98.2	98.4	98.6	98.7	98.7	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923	FORBES FLD KS	63-70,73-74	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	46.7	61.8	62.7	63.0	63.6	63.7	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.7
≥ 20000	47.6	62.7	63.6	63.9	64.6	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 18000	47.6	62.7	63.6	63.9	64.6	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 17000	47.6	62.7	63.6	63.9	64.6	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 14000	47.6	62.7	63.6	63.9	64.6	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 12000	48.3	63.6	64.5	64.8	65.5	65.6	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.9
≥ 10000	50.0	65.7	66.6	66.9	67.6	67.7	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	69.0
≥ 9000	50.2	66.5	67.4	67.7	68.4	68.5	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.8
≥ 8000	52.3	68.9	69.8	70.3	70.9	71.0	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.5
≥ 7000	52.3	70.0	70.9	71.4	72.0	72.2	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.6
≥ 6000	53.7	70.6	71.5	71.9	72.6	72.7	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.3
≥ 5000	53.8	72.9	73.8	74.3	75.4	75.6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.5
≥ 4500	54.3	73.6	74.5	75.1	76.3	76.5	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.4
≥ 4000	55.7	75.6	76.5	77.3	78.5	78.7	79.4	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.7
≥ 3500	55.3	76.2	77.2	78.0	79.2	79.4	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	81.4
≥ 3000	56.3	76.7	77.8	78.7	80.1	80.3	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	82.3
≥ 2500	57.1	77.8	79.1	80.0	81.3	81.5	82.2	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	83.6
≥ 2000	57.7	78.7	80.1	81.0	82.5	82.7	83.4	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.9
≥ 1800	58.0	79.1	80.4	81.3	82.9	83.1	83.7	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	85.2
≥ 1500	58.7	80.1	81.4	82.3	83.9	84.2	84.9	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	86.3
≥ 1200	59.5	81.1	82.4	83.3	85.0	85.3	86.0	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	87.4
≥ 1000	60.2	82.5	83.9	84.9	86.9	87.2	87.9	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	89.3
≥ 900	60.7	83.5	84.9	85.9	87.9	88.2	88.9	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	90.3
≥ 800	61.2	84.6	86.0	87.0	89.0	89.3	90.1	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	91.5
≥ 700	61.4	85.0	86.3	87.4	89.4	89.9	90.9	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	92.4
≥ 600	62.0	86.5	87.9	89.0	91.0	91.4	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	94.0
≥ 500	62.6	87.3	88.6	90.0	92.0	93.0	94.2	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.8
≥ 400	62.6	87.3	88.9	90.5	92.5	93.8	95.1	95.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.9
≥ 300	62.6	87.6	89.2	90.9	93.2	94.4	95.8	96.7	97.0	97.2	97.6	97.6	97.6	97.6	97.6	98.3
≥ 200	62.6	87.6	89.2	90.9	93.3	94.5	96.1	97.2	97.6	97.9	98.3	98.3	98.4	98.4	98.4	99.2
≥ 100	62.6	87.6	89.2	90.9	93.3	94.5	96.1	97.2	97.6	97.9	98.3	98.4	98.9	98.9	98.9	99.7
≥ 0	62.6	87.6	89.2	90.9	93.3	94.5	96.1	97.2	97.6	97.9	98.3	98.4	98.9	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 994

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]	FORBES FLD KS	63-70,73-74	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	23.7	50.8	54.2	55.6	56.4	56.6	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.5
≥ 20000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 18000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 6000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 14000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 12000	30.6	53.1	56.6	58.0	58.8	59.0	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.9
≥ 10000	32.3	56.8	60.6	62.4	63.3	63.5	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.5
≥ 9000	33.3	57.7	61.5	63.3	64.2	64.4	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	66.4
≥ 8000	36.2	61.0	65.2	67.0	68.0	68.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	70.6
≥ 7000	36.3	62.1	66.3	68.1	69.1	69.5	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.9
≥ 6000	36.5	63.3	67.5	69.4	70.4	70.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.2
≥ 5000	37.2	65.2	69.6	71.8	72.8	73.2	74.4	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	76.1
≥ 4500	37.3	66.3	71.0	73.1	74.1	74.6	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6	77.6
≥ 4000	38.3	67.6	72.4	74.7	75.7	76.1	77.6	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.7	79.7
≥ 3500	39.1	68.5	73.3	75.6	76.6	77.0	78.5	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.6	80.6
≥ 3000	39.3	69.1	73.9	76.1	77.1	77.6	79.0	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.1	81.1
≥ 2500	39.6	69.6	74.6	76.8	77.8	78.2	79.7	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.9	81.8
≥ 2000	40.0	70.3	75.2	77.5	78.5	78.9	80.6	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.8	82.8
≥ 1800	40.1	70.5	75.4	77.7	78.7	79.1	80.8	81.5	81.6	81.7	81.8	81.8	81.8	81.8	82.0	83.0
≥ 1500	40.4	71.8	76.7	79.2	80.2	80.7	82.4	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.6	84.6
≥ 1200	40.5	72.7	77.6	80.1	81.1	81.6	83.3	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.5	85.5
≥ 1000	40.7	73.3	78.7	81.4	82.5	83.0	84.7	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.9	86.9
≥ 900	41.0	73.9	79.2	81.9	83.1	83.7	85.4	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.6	87.6
≥ 800	42.1	75.6	81.0	83.7	84.9	85.5	87.3	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.6	89.6
≥ 700	42.3	76.3	82.0	84.8	86.2	86.8	88.7	89.6	89.7	89.8	90.0	90.0	90.0	90.0	90.2	91.2
≥ 600	42.4	76.9	82.8	85.7	87.4	88.3	90.2	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.6	92.6
≥ 500	43.0	77.9	83.8	86.8	88.8	90.0	92.1	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.5	94.5
≥ 400	43.0	78.1	84.2	87.2	89.4	90.5	93.1	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.9	96.3
≥ 300	43.0	78.1	84.3	87.3	89.6	91.0	93.6	95.4	95.6	95.9	96.0	96.0	96.1	96.1	96.3	97.9
≥ 200	43.0	78.1	84.3	87.4	89.8	91.2	94.0	95.9	96.3	96.8	96.9	96.9	97.0	97.1	97.3	98.9
≥ 100	43.0	78.1	84.3	87.4	89.8	91.2	94.0	95.9	96.3	96.9	97.3	97.4	97.8	98.0	98.2	100.0
≥ 0	43.0	78.1	84.3	87.4	89.8	91.2	94.0	95.9	96.3	96.9	97.3	97.4	97.8	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?92.	FORBES FLD KS	63-70,73-74	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	35.9	57.5	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 20000	36.3	58.7	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 18000	36.3	58.7	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 17000	36.9	58.7	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 14000	37.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 12000	37.9	60.0	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 10000	39.3	63.3	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 9000	39.6	64.2	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 8000	41.4	66.7	67.4	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 7000	41.8	67.9	68.7	69.2	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 6000	42.2	68.9	69.7	70.2	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 5000	42.6	70.3	71.2	71.9	72.7	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
≥ 4500	42.8	71.3	72.3	73.0	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 4000	43.7	72.6	73.9	74.5	75.5	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 3500	43.9	73.0	74.2	74.9	75.9	76.0	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 3000	44.8	74.1	75.3	76.0	77.1	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 2500	45.2	75.2	76.4	77.1	78.2	78.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 2000	45.3	76.6	77.9	78.5	79.8	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 1800	46.5	77.9	79.1	79.8	81.0	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 1500	47.4	80.2	81.5	82.2	83.4	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 1200	48.1	82.3	83.8	84.4	85.7	85.8	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 1000	49.2	84.4	86.1	87.1	88.4	88.7	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 900	49.6	85.3	87.1	88.1	89.4	89.7	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 800	49.6	86.0	88.3	89.4	90.9	91.3	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 700	49.9	86.9	89.3	90.5	92.1	92.5	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 600	50.1	87.4	90.1	91.4	93.5	94.1	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.8	95.9
≥ 500	50.5	88.1	90.9	92.3	94.7	95.2	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 400	50.6	88.8	91.7	93.2	95.8	96.3	97.8	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 300	50.6	88.8	91.7	93.3	96.1	96.8	98.2	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 200	50.6	88.8	91.7	93.3	96.1	96.8	98.2	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	50.6	88.8	91.7	93.3	96.1	96.8	98.2	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	50.6	88.8	91.7	93.3	96.1	96.8	98.2	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742 | FORBES FLD KS | 63-70,73-74 | SEP

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	39.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	41.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	41.4	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	62.7
≥ 6000	41.4	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	62.7
≥ 4000	41.4	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	62.7
≥ 2000	42.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	43.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 9000	44.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	47.2	71.8	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	47.7	73.0	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	48.3	74.3	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	48.7	75.4	75.9	75.9	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	49.3	76.6	77.1	77.3	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	50.6	78.6	79.1	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	50.9	78.9	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	52.2	81.1	81.7	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	53.0	82.6	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	55.2	86.8	87.6	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	55.3	87.3	88.1	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	56.6	89.8	90.6	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	57.3	91.6	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	57.7	92.1	93.2	93.4	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	57.9	92.7	93.8	94.1	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	58.1	93.2	94.4	94.9	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	58.2	93.4	94.9	95.4	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	58.3	93.7	95.2	95.8	96.8	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	58.6	94.4	96.0	96.7	97.8	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]2	FORBES FLD KS	63-70,73-74	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	42.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	44.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	44.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	44.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	45.3	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	67.1
≥ 12000	45.4	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	68.3
≥ 10000	46.9	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	70.9	70.9
≥ 9000	47.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	50.1	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	75.4
≥ 7000	51.3	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
≥ 6000	52.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	53.5	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	81.3	81.3
≥ 4500	54.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	55.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	55.7	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	57.9	88.0	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	59.6	90.3	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	61.0	92.1	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	61.3	92.6	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	61.7	94.3	94.6	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	61.7	94.6	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	62.1	95.2	95.9	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	62.1	95.2	95.9	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	62.2	95.4	96.1	96.2	96.4	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	62.3	95.5	96.2	96.3	96.9	97.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	62.3	95.9	96.6	96.9	97.7	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	62.3	95.9	96.6	97.0	98.0	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	62.3	96.0	96.8	97.1	98.1	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	62.3	96.0	96.8	97.1	98.1	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.3	96.0	96.8	97.1	98.1	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	62.3	96.0	96.8	97.1	98.1	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	62.3	96.0	96.8	97.1	98.1	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible] 2	FORBES FLD KS	63-70,73-74	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	47.1	67.9	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	48.2	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	48.3	69.3	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
≥ 16000	48.6	69.5	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
≥ 14000	48.9	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	49.1	70.5	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	51.4	73.8	74.4	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
≥ 9000	51.8	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	53.2	77.3	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	78.0
≥ 7000	54.3	79.2	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	55.8	81.8	82.6	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	56.9	84.1	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	57.3	84.9	85.6	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	57.8	85.9	86.6	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	58.1	86.5	87.3	87.4	87.4	87.5	87.8	87.8	87.8	87.6	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	59.5	88.8	89.5	89.6	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	61.4	91.4	92.2	92.4	92.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	61.7	92.3	93.1	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	61.7	92.7	93.4	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	62.3	94.3	95.2	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	63.4	95.3	96.2	97.0	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	63.5	95.4	96.3	97.1	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	63.5	95.4	96.3	97.1	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	63.5	95.4	96.3	97.1	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	63.5	95.7	96.5	97.3	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	63.5	95.7	96.5	97.6	98.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	63.5	95.7	96.5	97.7	98.3	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 0	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]20 | FORBES FLD KS | 63-70,73-74 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 7	≥6	≥5	≥4	≥3	≥2½	≥2	≥ 1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ 0	≥0
NO CEILING	52.9	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	53.5	71.0	71.1	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	53.5	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 17000	53.5	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	53.7	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 15000	54.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	57.2	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 13000	57.6	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	59.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 11000	60.0	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	61.1	81.2	81.2	81.2	81.3	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	61.7	82.4	82.4	82.5	82.6	82.6	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	62.4	83.4	83.5	83.6	83.7	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	63.8	85.5	85.7	85.9	86.1	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6500	64.1	86.6	86.9	87.1	87.2	87.2	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	65.4	88.3	88.5	88.6	88.9	88.9	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5500	66.1	89.5	89.8	89.9	90.1	90.1	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	67.1	91.2	91.4	91.5	91.8	91.8	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	67.1	91.8	92.0	92.1	92.3	92.3	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	67.8	93.1	93.4	93.5	93.8	93.8	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	68.4	94.2	94.5	94.7	94.9	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	68.5	94.5	95.0	95.1	95.3	95.3	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	68.6	95.1	95.5	95.7	95.9	95.9	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	68.6	95.2	95.7	95.8	96.0	96.0	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	68.6	95.5	96.0	96.1	96.3	96.3	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	68.6	95.9	96.3	96.5	96.8	96.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	68.6	96.2	96.8	97.1	97.3	97.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 700	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 600	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 500	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 400	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 300	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2	FORBES FLD KS	63-70,73-74	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	43.2	62.7	63.4	63.7	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥ 20000	44.3	63.9	64.6	64.9	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 18000	44.4	63.9	64.7	64.9	65.2	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7
≥ 17000	44.4	63.9	64.7	65.0	65.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7
≥ 14000	44.5	64.1	64.9	65.2	65.4	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9
≥ 12000	45.2	65.1	65.9	66.2	66.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0
≥ 10000	47.1	68.0	68.9	69.3	69.5	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1
≥ 9000	47.5	68.9	69.7	70.1	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9
≥ 8000	49.6	71.7	72.6	73.0	73.2	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9
≥ 7000	50.2	73.0	74.0	74.4	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
≥ 6000	51.3	74.5	75.5	75.9	76.2	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 5000	51.7	76.2	77.3	77.8	78.2	78.3	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.2
≥ 4500	52.3	77.2	78.4	78.9	79.3	79.4	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3
≥ 4000	53.3	78.9	80.1	80.7	81.1	81.3	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.3
≥ 3500	53.8	79.8	81.0	81.5	82.0	82.2	82.6	82.7	82.8	82.8	82.8	82.8	82.9	82.8	82.9	83.2
≥ 3000	54.9	81.3	82.6	83.1	83.7	83.8	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.8
≥ 2500	55.8	82.7	84.1	84.7	85.2	85.4	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.4
≥ 2000	56.6	84.4	85.7	86.4	87.0	87.1	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.2
≥ 1800	56.9	84.9	86.3	86.9	87.5	87.6	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.7
≥ 1500	57.6	86.5	87.9	88.6	89.1	89.3	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.5
≥ 1200	58.1	87.5	89.0	89.7	90.3	90.5	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.7
≥ 1000	58.5	88.4	90.0	90.8	91.5	91.7	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	93.0
≥ 900	58.7	88.9	90.5	91.4	92.1	92.3	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.6
≥ 800	59.0	89.5	91.2	92.1	92.9	93.2	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.5
≥ 700	59.1	89.9	91.7	92.7	93.6	94.0	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.4
≥ 600	59.4	90.5	92.5	93.5	94.6	95.1	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.7
≥ 500	59.6	91.1	93.0	94.2	95.5	96.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.9
≥ 400	59.6	91.2	93.2	94.5	95.9	96.6	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.7
≥ 300	59.6	91.3	93.3	94.6	96.0	96.8	98.0	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9	99.2
≥ 200	59.6	91.3	93.3	94.6	96.1	96.9	98.0	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.6
≥ 100	59.6	91.3	93.3	94.6	96.1	96.9	98.0	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.5	100.0
≥ 0	59.6	91.3	93.3	94.6	96.1	96.9	98.0	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13742 | FORBES FLD KS | 63-70,73-74 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	63.1	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	73.2
≥ 20000	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	73.8	74.3
≥ 18000	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	73.8	74.3
≥ 17000	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	73.8	74.3
≥ 14000	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	73.8	74.3
≥ 12000	64.8	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	75.0
≥ 10000	67.1	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.7
≥ 9000	67.2	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.9
≥ 8000	69.6	79.5	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.7
≥ 7000	71.4	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.7
≥ 6000	72.8	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	84.0	84.0	84.0	84.4
≥ 5000	73.1	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.6
≥ 4500	73.7	85.3	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.7
≥ 4000	74.6	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	88.3
≥ 3500	75.5	88.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.5
≥ 3000	76.4	89.6	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7	91.2
≥ 2500	77.1	90.5	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.7	92.1
≥ 2000	78.5	92.1	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.9
≥ 1800	78.8	92.5	93.1	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.8	93.8	93.9	93.9	93.9	94.3
≥ 1500	79.7	93.4	94.1	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	95.3
≥ 1200	80.0	94.1	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.9
≥ 1000	80.7	94.8	95.6	95.9	96.0	96.1	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	97.2
≥ 900	80.8	95.2	95.9	96.2	96.3	96.4	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.5
≥ 800	80.8	95.2	95.9	96.2	96.3	96.4	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.5
≥ 700	80.9	95.3	96.1	96.4	96.6	96.7	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.7
≥ 600	80.9	95.3	96.3	96.9	97.1	97.4	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.5
≥ 500	81.1	95.7	96.8	97.3	97.5	97.8	98.3	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.9
≥ 400	81.1	95.8	97.0	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.4
≥ 300	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	100.0
≥ 200	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	100.0
≥ 100	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	100.0
≥ 0	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
13923	FORBES FLD KS	63-70,73-74	OCT

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

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	<¼
NO CEILING	60.7	70.7	71.0	71.0	71.0	71.0	71.2	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.9
≥ 20000	60.9	71.0	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2
≥ 18000	60.9	71.0	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2
≥ 16000	60.9	71.0	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2
≥ 14000	60.9	71.0	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2
≥ 12000	62.1	72.3	72.7	72.7	72.7	72.7	72.8	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.6
≥ 10000	63.7	74.4	74.7	74.7	74.7	74.7	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.7
≥ 9000	64.2	74.8	75.1	75.1	75.1	75.1	75.2	75.3	75.3	75.6	75.7	75.7	75.8	75.8	75.8	76.1
≥ 8000	66.5	77.5	77.8	77.8	77.8	77.8	77.9	78.1	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.9
≥ 7000	69.3	80.4	80.7	80.7	80.7	80.7	80.8	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.8
≥ 6000	71.5	82.6	82.9	82.9	82.9	82.9	83.0	83.2	83.2	83.4	83.5	83.5	83.6	83.6	83.6	84.0
≥ 5000	72.1	83.9	84.2	84.2	84.2	84.2	84.3	84.5	84.5	84.7	84.8	84.8	84.9	84.9	84.9	85.3
≥ 4500	72.9	84.8	85.1	85.1	85.1	85.1	85.3	85.5	85.5	85.7	85.8	85.8	85.9	85.9	85.9	86.2
≥ 4000	73.4	85.9	86.3	86.3	86.3	86.3	86.4	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.4
≥ 3500	74.1	87.0	87.4	87.4	87.4	87.4	87.5	87.7	87.7	87.9	88.1	88.1	88.2	88.2	88.2	88.5
≥ 3000	75.2	88.4	88.8	88.8	88.8	88.8	88.9	89.1	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.9
≥ 2500	76.3	90.0	90.5	90.5	90.5	90.5	90.6	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.6
≥ 2000	76.6	90.3	90.9	90.9	90.9	90.9	91.0	91.2	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.9
≥ 1800	76.9	90.5	91.1	91.1	91.2	91.2	91.3	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.2
≥ 1500	77.7	91.8	92.5	92.5	92.6	92.6	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.6
≥ 1200	78.5	92.8	93.5	93.5	93.6	93.6	93.8	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.7
≥ 1000	78.9	93.4	94.2	94.2	94.3	94.3	94.7	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.7
≥ 900	79.4	94.2	94.9	94.9	95.0	95.0	95.5	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.4
≥ 800	79.5	94.5	95.3	95.3	95.4	95.4	95.8	96.0	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.8
≥ 700	79.9	95.2	96.0	96.0	96.1	96.1	96.6	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.5
≥ 600	80.0	95.4	96.2	96.2	96.3	96.3	96.8	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.7
≥ 500	80.0	95.5	96.3	96.4	96.6	96.7	97.2	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.2
≥ 400	80.1	95.6	96.6	96.8	96.9	97.0	97.5	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.5
≥ 300	80.1	95.7	96.7	96.9	97.3	97.6	98.2	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	99.1
≥ 200	80.1	95.8	96.8	97.0	97.4	97.7	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.5
≥ 100	80.1	95.8	96.8	97.0	97.4	97.7	98.4	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.4	99.9
≥ 0	80.1	95.8	96.8	97.0	97.4	97.7	98.4	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13952	FORBES FLD KS	63-70,73-74	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	53.3	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.6
≥ 20000	61.5	65.6	66.1	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.6
≥ 18000	61.5	65.6	66.1	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.6
≥ 16000	61.5	65.6	66.1	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.6
≥ 14000	51.3	65.9	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.9
≥ 12000	53.0	67.3	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1	68.1	68.1	68.3
≥ 10000	54.0	69.0	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.2
≥ 9000	54.6	70.1	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.3
≥ 8000	57.0	73.2	74.0	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.8
≥ 7000	59.1	75.6	76.3	76.5	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.2
≥ 6000	60.4	77.6	78.4	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.2
≥ 5000	61.7	79.1	79.9	80.1	80.3	80.3	80.3	80.5	80.5	80.6	80.6	80.6	80.9	80.9	80.9	81.1
≥ 4500	61.8	79.1	80.1	80.3	80.5	80.5	80.5	80.8	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.3
≥ 4000	61.9	80.1	81.1	81.3	81.6	81.8	81.9	82.2	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.7
≥ 3500	62.4	80.6	81.6	81.9	82.4	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.4
≥ 3000	63.1	81.5	82.5	82.8	83.2	83.4	83.5	83.8	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.3
≥ 2500	64.6	83.5	84.5	84.8	85.3	85.5	85.6	85.8	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.3
≥ 2000	65.4	84.8	85.9	86.2	86.8	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.8
≥ 1800	65.5	84.9	86.0	86.3	86.9	87.1	87.2	87.4	87.4	87.5	87.5	87.5	87.7	87.7	87.7	88.0
≥ 1500	66.6	86.2	87.6	88.0	88.5	88.7	88.8	89.0	89.0	89.1	89.1	89.1	89.4	89.4	89.4	89.6
≥ 1200	66.7	87.0	88.4	88.7	89.2	89.5	89.6	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.3
≥ 1000	67.6	88.7	90.3	91.1	91.8	92.0	92.4	92.6	92.6	92.7	92.7	92.7	93.0	93.0	93.1	93.3
≥ 900	68.0	89.2	91.1	91.8	92.6	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.8	93.8	93.9	94.1
≥ 800	68.2	89.5	91.4	92.3	93.0	93.2	93.5	93.8	93.8	93.9	93.9	93.9	94.2	94.2	94.3	94.5
≥ 700	68.3	89.8	92.0	93.1	93.9	94.1	94.5	94.7	94.7	94.8	94.8	94.8	95.2	95.2	95.3	95.5
≥ 600	68.4	90.2	92.8	94.0	94.7	95.1	95.5	95.7	95.7	95.8	95.8	95.8	96.1	96.1	96.2	96.5
≥ 500	68.5	90.5	93.1	94.4	95.3	95.8	96.3	96.7	96.7	96.8	96.8	96.8	97.1	97.1	97.2	97.5
≥ 400	68.5	90.5	93.1	94.4	95.4	95.9	96.5	96.9	96.9	97.0	97.0	97.0	97.3	97.3	97.4	97.8
≥ 300	68.5	90.5	93.2	94.7	95.8	96.3	96.9	97.6	97.6	97.7	97.7	97.7	98.1	98.1	98.2	98.7
≥ 200	68.5	90.5	93.3	94.8	96.0	96.6	97.2	98.0	98.0	98.1	98.2	98.2	98.5	98.5	98.6	99.4
≥ 100	68.5	90.5	93.3	94.8	96.0	96.6	97.2	98.0	98.0	98.1	98.2	98.3	98.7	98.7	98.8	99.6
≥ 0	68.5	90.5	93.3	94.8	96.0	96.6	97.2	98.0	98.0	98.1	98.2	98.3	98.7	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923	FORBES FLD KS	63-70,73-74	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	49.4	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	50.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	50.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	51.3	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	51.6	67.6	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	68.1
≥ 12000	52.4	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	54.4	70.6	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	71.1
≥ 9000	55.6	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	57.2	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	58.1	76.3	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
≥ 6000	59.1	77.4	78.1	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
≥ 5000	59.8	78.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	59.9	78.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	60.6	79.5	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	61.2	80.3	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	61.5	81.3	82.3	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	62.3	82.9	83.9	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	64.2	84.9	85.9	86.1	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	64.3	85.2	86.1	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	64.6	86.6	87.6	88.0	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	65.4	88.0	89.1	89.6	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	66.8	90.2	91.5	91.9	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	66.3	90.9	92.5	92.9	93.2	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	66.9	91.1	92.9	93.3	93.8	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	66.9	91.3	93.1	93.7	94.2	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	67.0	91.9	94.0	94.5	95.2	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	67.0	92.4	94.5	95.4	96.0	96.5	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	67.0	92.7	95.4	96.3	97.2	97.6	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	67.0	92.7	95.4	96.5	97.4	97.8	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	67.0	92.7	95.4	96.5	97.4	98.0	98.6	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 100	67.1	92.7	95.4	96.5	97.4	98.0	98.6	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.9
≥ 0	67.1	92.7	95.4	96.5	97.4	98.0	98.6	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ 0	≥ 0
NO CEILING	52.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	54.4	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	69.6
≥ 18000	54.4	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	69.6
≥ 5000	54.4	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	69.6
≥ 14000	54.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 12000	55.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	58.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	60.2	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	61.4	78.1	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	62.2	79.0	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	62.9	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
≥ 5000	63.4	81.1	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	63.8	81.5	81.8	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	64.4	82.2	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	64.9	83.1	83.5	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
≥ 3000	66.3	85.2	85.7	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	67.3	86.5	87.1	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	69.5	89.1	89.8	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	69.9	89.2	89.9	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	70.1	90.3	91.0	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	71.3	91.5	92.5	93.2	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	71.8	93.2	94.4	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	71.8	93.5	94.7	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	72.1	94.2	95.5	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	72.2	94.6	95.9	97.2	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	72.3	94.9	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	72.3	94.9	96.3	97.6	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	72.6	95.5	96.9	98.2	98.6	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1702	FORBES FLD KS	63-70,73-74	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	55.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	57.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	57.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	57.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	57.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	59.2	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	74.3	74.3
≥ 10000	62.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.6	77.8	77.8
≥ 9000	63.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	64.7	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	65.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	65.9	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	66.5	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	66.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	68.3	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	86.1
≥ 3500	68.9	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	69.7	87.5	87.7	87.8	88.0	88.0	88.1	88.1	88.1	86.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	70.8	89.6	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	72.4	92.2	92.5	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	72.6	92.6	92.9	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	72.9	93.1	93.5	93.9	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	73.3	94.0	94.4	94.7	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	73.7	94.6	95.1	95.4	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	73.9	95.3	95.7	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	74.0	95.8	96.5	96.9	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	74.3	96.1	96.9	97.4	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	74.5	96.3	97.1	97.6	98.3	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	74.7	96.8	97.6	98.2	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	74.7	96.8	97.6	98.2	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	74.7	96.8	97.6	98.2	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	74.7	96.8	97.6	98.2	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.7	96.8	97.6	98.2	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.7	96.8	97.6	98.2	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742	FORBES FLD KS	63-70,73-74	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<¼
NO CEILING	60.6	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 20000	62.1	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 18000	62.1	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 16000	62.1	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 14000	62.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 12000	63.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 10000	65.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0
≥ 9000	66.1	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 8000	67.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 7000	68.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2
≥ 6000	69.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 5000	70.4	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 4500	70.8	85.3	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 4000	71.8	86.5	86.7	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 3500	72.8	87.4	87.6	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 3000	73.1	88.8	89.1	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 2500	73.8	90.4	91.0	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 2000	75.6	92.8	93.3	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1800	75.9	93.2	93.8	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 1500	76.5	93.9	94.5	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1200	76.8	94.3	94.9	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1000	77.2	95.1	96.0	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 900	77.5	95.4	96.3	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 800	77.5	95.7	96.7	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 700	77.8	96.5	97.4	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 600	77.8	96.7	97.6	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500	77.8	96.8	97.7	98.1	98.2	98.5	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 400	78.0	97.1	98.2	98.5	98.6	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	78.0	97.1	98.3	98.6	98.7	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	78.0	97.1	98.3	98.6	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	78.0	97.1	98.3	98.6	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	78.0	97.1	98.3	98.6	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...2	FORBES FLD KS	63-70,73-74	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥5½	≥6	≥7	≥10
NO CEILING	66.3	76.1	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	76.3
≥ 20000	67.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 18000	67.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 17000	67.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 16000	67.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 15000	67.8	77.2	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	77.4
≥ 14000	69.2	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 13000	69.6	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 12000	71.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 11000	73.1	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 10000	73.9	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 9000	74.4	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 8000	75.2	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 7000	76.2	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 6000	77.0	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1
≥ 5000	77.7	90.4	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 4500	78.7	91.7	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 4000	79.2	92.6	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 3500	79.6	92.9	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.8
≥ 3000	80.3	94.0	94.1	94.4	94.4	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	95.1
≥ 2500	80.8	94.9	95.1	95.5	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.2
≥ 2000	81.1	95.4	95.9	96.3	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.0	97.2
≥ 1800	81.2	95.6	96.1	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.4
≥ 1500	81.4	95.9	96.5	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.7
≥ 1200	81.4	96.0	96.6	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.8	98.1
≥ 1000	81.4	96.5	97.0	97.5	97.7	98.0	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.7
≥ 900	81.4	96.7	97.2	97.7	98.1	98.3	98.4	98.6	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.2
≥ 800	81.6	96.9	97.4	98.0	98.3	98.6	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.4	99.6
≥ 700	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.6	99.8
≥ 600	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.7	99.9
≥ 500	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.7	100.0
≥ 400	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13723	FORBES FLD KS	63-70,73-74	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	57.4	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.3
≥ 20000	58.6	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6
≥ 18000	58.6	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6
≥ 16000	58.6	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.7
≥ 14000	58.8	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9
≥ 12000	59.8	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0
≥ 10000	61.9	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.6
≥ 9000	62.6	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.4
≥ 8000	64.5	78.4	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1
≥ 7000	65.8	80.0	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.8
≥ 6000	67.0	81.6	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.3
≥ 5000	67.6	82.6	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5
≥ 4500	68.0	83.1	83.6	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 4000	68.9	84.4	84.9	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5
≥ 3500	69.6	85.3	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.6
≥ 3000	70.4	86.6	87.1	87.3	87.4	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.0
≥ 2500	71.4	88.1	88.7	89.0	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6
≥ 2000	72.7	89.9	90.5	90.7	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.5
≥ 1800	72.9	90.1	90.7	91.0	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.8
≥ 1500	73.5	91.2	91.9	92.2	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9	93.0
≥ 1200	74.0	92.1	92.8	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	94.1
≥ 1000	74.7	93.2	94.1	94.5	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.6
≥ 900	74.9	93.7	94.7	95.1	95.4	95.5	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 800	75.0	94.0	95.1	95.5	95.9	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7
≥ 700	75.2	94.3	95.5	96.1	96.4	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.4
≥ 600	75.3	94.6	95.9	96.5	96.9	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9
≥ 500	75.3	94.9	96.2	96.9	97.3	97.6	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.5
≥ 400	75.4	95.1	96.5	97.2	97.7	98.1	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.2
≥ 300	75.4	95.2	96.6	97.4	97.9	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.5
≥ 200	75.4	95.2	96.6	97.4	98.0	98.4	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.8
≥ 100	75.4	95.2	96.6	97.4	98.0	98.4	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.9
≥ 0	75.4	95.2	96.6	97.4	98.0	98.4	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-23	FORBES FLD KS	63-70,73-74	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING	54.9	66.1	66.3	66.4	66.7	66.8	66.9	67.2	67.4	67.7	67.7	67.7	67.8	67.9	67.9	67.9
≥ 20000	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3
≥ 18000	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3
≥ 5000	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3
≥ 4000	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3
≥ 3000	56.7	68.0	68.3	68.4	68.7	68.8	68.9	69.2	69.4	69.7	69.7	69.7	69.8	69.9	69.9	69.9
≥ 2500	58.1	69.4	69.8	69.9	70.1	70.2	70.3	70.7	70.9	71.1	71.1	71.1	71.2	71.3	71.3	71.3
≥ 2000	59.3	70.7	71.0	71.1	71.3	71.4	71.6	71.9	72.1	72.3	72.3	72.3	72.4	72.6	72.6	72.6
≥ 1800	61.6	73.0	73.3	73.4	73.7	73.8	73.9	74.2	74.4	74.7	74.7	74.7	74.8	74.9	74.9	74.9
≥ 1700	62.6	74.2	74.6	74.7	74.9	75.0	75.1	75.4	75.7	75.9	75.9	75.9	76.0	76.1	76.1	76.1
≥ 1600	63.6	75.4	75.8	75.9	76.1	76.2	76.3	76.7	76.9	77.1	77.1	77.1	77.2	77.3	77.3	77.3
≥ 1500	63.8	75.7	76.1	76.1	76.3	76.4	76.6	76.9	77.1	77.3	77.3	77.3	77.4	77.6	77.6	77.6
≥ 1400	64.2	76.3	76.7	76.8	77.0	77.1	77.2	77.6	77.8	78.0	78.0	78.0	78.1	78.2	78.2	78.2
≥ 1300	64.3	77.2	77.6	77.7	77.9	78.0	78.1	78.4	78.7	78.9	78.9	78.9	79.0	79.1	79.1	79.1
≥ 1200	65.9	78.3	78.7	78.8	79.0	79.1	79.2	79.6	79.8	80.0	80.0	80.0	80.1	80.2	80.2	80.2
≥ 1100	67.0	79.6	79.9	80.0	80.2	80.3	80.4	80.8	81.0	81.2	81.2	81.2	81.3	81.4	81.4	81.4
≥ 1000	68.3	81.6	81.9	82.0	82.2	82.3	82.4	82.8	83.0	83.2	83.2	83.2	83.3	83.4	83.4	83.4
≥ 900	69.7	83.1	83.4	83.6	83.8	83.9	84.0	84.4	84.7	84.9	84.9	84.9	85.0	85.1	85.1	85.1
≥ 800	71.0	84.6	84.9	85.0	85.2	85.4	85.6	86.0	86.2	86.4	86.4	86.4	86.6	86.7	86.7	86.7
≥ 700	72.2	86.2	86.6	86.7	86.9	87.1	87.2	87.8	88.1	88.3	88.3	88.3	88.4	88.6	88.6	88.6
≥ 600	73.1	87.8	88.1	88.2	88.4	88.8	89.0	89.6	89.9	90.1	90.1	90.1	90.2	90.3	90.3	90.3
≥ 500	74.1	89.0	89.4	89.6	89.9	90.3	90.6	91.1	91.4	91.7	91.7	91.7	91.8	91.9	91.9	91.9
≥ 450	74.1	89.6	90.1	90.2	90.6	91.0	91.2	91.8	92.1	92.3	92.3	92.3	92.4	92.6	92.6	92.6
≥ 400	74.3	90.1	90.7	90.8	91.1	91.6	91.8	92.3	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1
≥ 350	74.4	90.4	91.0	91.2	91.7	92.1	92.3	92.9	93.3	93.6	93.6	93.6	93.7	93.8	93.9	93.8
≥ 300	74.4	90.8	91.4	91.7	92.2	92.7	92.9	93.4	93.9	94.1	94.1	94.1	94.2	94.3	94.3	94.3
≥ 250	74.4	91.2	92.2	92.8	93.4	94.1	94.6	95.1	95.6	95.8	95.8	95.9	95.9	96.0	96.0	96.0
≥ 200	74.4	91.3	92.4	93.4	94.3	95.1	95.8	96.4	96.9	97.1	97.1	97.1	97.2	97.3	97.3	97.3
≥ 150	74.4	91.6	92.7	93.7	94.8	95.8	96.4	97.3	97.9	98.1	98.1	98.1	98.2	98.4	98.4	98.4
≥ 100	74.4	91.6	92.7	93.7	94.9	95.9	96.6	97.7	98.6	98.8	98.8	98.8	98.9	99.1	99.2	99.3
≥ 050	74.4	91.6	92.7	93.7	94.9	95.9	96.6	97.9	98.8	99.1	99.2	99.2	99.3	99.6	99.7	99.8
≥ 0	74.4	91.6	92.7	93.7	94.9	95.9	96.6	97.9	98.8	99.1	99.2	99.2	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORBES FLD KS	63-70,73-74	NOV

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

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	62.2	63.4	63.9	64.1	64.3	64.3	64.3	64.3	64.4	64.4	64.7	64.7	65.0	65.1	65.2	65.4
≥ 20000	63.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 18000	63.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 16000	63.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 14000	63.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 12000	65.0	66.2	66.7	66.9	67.2	67.2	67.2	67.2	67.3	67.3	67.6	67.6	67.9	68.0	68.1	68.3
≥ 10000	67.1	68.6	69.0	69.2	69.6	69.7	69.7	69.7	69.8	69.8	70.0	70.0	70.3	70.4	70.6	70.9
≥ 9000	67.8	69.3	69.8	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.8	70.8	71.1	71.2	71.3	71.6
≥ 8000	69.2	70.8	71.2	71.4	71.8	71.9	71.9	71.9	72.0	72.1	72.3	72.3	72.7	72.8	72.9	73.1
≥ 7000	70.3	72.8	73.2	73.4	73.8	73.9	73.9	73.9	74.0	74.1	74.3	74.3	74.7	74.8	74.9	75.1
≥ 6000	71.3	73.2	73.7	73.9	74.2	74.3	74.3	74.3	74.4	74.6	74.8	74.8	75.1	75.2	75.3	75.6
≥ 5000	71.7	73.6	74.1	74.2	74.6	74.7	74.7	74.7	74.8	74.9	75.1	75.1	75.4	75.6	75.7	75.9
≥ 4500	72.1	74.7	75.2	75.4	75.8	75.9	75.9	75.9	76.0	76.1	76.3	76.3	76.7	76.8	76.9	77.1
≥ 4000	72.3	75.8	76.3	76.6	76.9	77.0	77.0	77.0	77.1	77.2	77.4	77.4	77.8	77.9	78.0	78.2
≥ 3500	73.3	76.3	76.9	77.1	77.4	77.6	77.6	77.6	77.7	77.8	78.1	78.1	78.4	78.6	78.7	78.9
≥ 3000	73.8	77.0	77.6	77.8	78.1	78.2	78.2	78.2	78.3	78.4	78.8	78.8	79.1	79.2	79.3	79.6
≥ 2500	74.3	78.2	78.8	79.1	79.4	79.6	79.6	79.6	79.7	79.8	80.1	80.1	80.4	80.6	80.7	80.9
≥ 2000	76.7	80.4	81.0	81.3	81.7	81.8	81.8	81.8	81.9	82.0	82.3	82.3	82.7	82.8	82.9	83.1
≥ 1800	77.7	81.4	82.0	82.3	82.7	82.8	82.8	82.8	82.9	83.0	83.3	83.3	83.7	83.8	83.9	84.1
≥ 1500	79.7	83.9	84.4	84.8	85.1	85.2	85.4	85.6	85.7	85.8	86.1	86.1	86.4	86.6	86.7	86.9
≥ 1200	81.1	84.9	85.4	85.8	86.1	86.2	86.4	86.6	86.7	86.9	87.2	87.2	87.6	87.7	87.9	88.1
≥ 1000	81.2	86.4	87.1	87.6	87.9	88.0	88.2	88.3	88.4	88.7	89.0	89.0	89.3	89.4	89.6	89.8
≥ 900	81.4	86.8	87.4	87.9	88.2	88.3	88.6	88.7	88.8	89.0	89.3	89.3	89.7	89.8	89.9	90.1
≥ 800	81.8	87.6	88.2	88.7	89.0	89.1	89.3	89.4	89.6	89.8	90.1	90.1	90.4	90.6	90.7	90.9
≥ 700	82.2	88.7	89.4	89.9	90.2	90.3	90.6	90.7	90.8	91.0	91.3	91.3	91.8	91.9	92.0	92.2
≥ 600	82.2	89.3	90.2	91.0	91.6	91.7	91.9	92.0	92.1	92.3	92.8	92.8	93.2	93.3	93.4	93.7
≥ 500	82.2	90.3	91.3	92.1	92.9	93.0	93.3	93.4	93.6	93.8	94.2	94.2	94.7	94.8	94.9	95.1
≥ 400	82.2	90.6	91.6	92.4	93.4	93.6	93.9	94.0	94.1	94.3	94.8	94.8	95.2	95.4	95.7	96.1
≥ 300	82.3	90.7	91.8	92.7	93.7	93.8	94.3	94.7	94.8	95.0	95.4	95.4	96.0	96.2	96.4	97.0
≥ 200	82.3	90.7	91.8	92.7	93.8	93.9	94.6	95.0	95.6	95.8	96.3	96.3	97.0	97.3	97.6	98.3
≥ 100	82.3	90.7	91.8	92.7	93.8	93.9	94.6	95.3	95.9	96.3	97.1	97.2	97.9	98.3	98.6	99.4
≥ 0	82.3	90.7	91.8	92.7	93.8	93.9	94.6	95.3	95.9	96.3	97.1	97.2	97.9	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]2	FORBES FLD KS	63-70,73-74	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ¼	≥ 0
NO CEILING	43.3	57.1	57.7	58.4	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.4	59.6	59.6	59.6	60.2
≥ 20000	44.5	58.5	59.2	59.8	60.6	60.7	60.8	60.8	60.8	61.0	61.0	61.1	61.3	61.3	61.3	61.8
≥ 18000	44.5	58.5	59.2	59.8	60.6	60.7	60.8	60.8	60.8	61.0	61.0	61.1	61.3	61.3	61.3	61.8
≥ 17000	44.6	58.6	59.3	60.0	60.7	60.8	61.0	61.0	61.0	61.1	61.1	61.2	61.4	61.4	61.4	62.0
≥ 14000	44.6	58.6	59.3	60.0	60.7	60.8	61.0	61.1	61.1	61.2	61.2	61.3	61.5	61.5	61.5	62.1
≥ 12000	45.6	59.7	60.4	61.1	61.9	62.0	62.1	62.2	62.2	62.3	62.4	62.5	62.7	62.7	62.7	63.3
≥ 10000	47.5	62.3	63.0	63.6	64.4	64.5	64.6	64.7	64.7	64.8	65.0	65.1	65.3	65.3	65.3	65.9
≥ 9000	48.2	63.1	63.7	64.4	65.2	65.3	65.4	65.5	65.5	65.6	65.7	65.9	66.1	66.1	66.1	66.6
≥ 8000	49.4	64.8	65.5	66.3	67.1	67.2	67.3	67.4	67.4	67.6	67.7	67.9	68.1	68.1	68.1	68.6
≥ 7000	50.1	65.6	66.3	67.1	67.9	68.0	68.1	68.2	68.2	68.4	68.5	68.6	68.9	68.9	68.9	69.4
≥ 6000	50.9	67.1	67.9	68.6	69.4	69.5	69.6	70.0	70.0	70.2	70.3	70.4	70.6	70.6	70.6	71.2
≥ 5000	51.4	67.6	68.4	69.2	70.0	70.1	70.2	70.5	70.5	70.7	70.9	71.0	71.2	71.2	71.2	71.7
≥ 4500	52.6	69.7	70.5	71.3	72.1	72.2	72.3	72.6	72.7	73.0	73.1	73.2	73.4	73.4	73.4	74.0
≥ 4000	53.5	70.9	71.6	72.4	73.2	73.3	73.4	73.7	73.9	74.1	74.2	74.3	74.5	74.5	74.5	75.1
≥ 3500	54.2	71.5	72.3	73.1	73.9	74.0	74.1	74.4	74.5	74.7	75.0	75.1	75.4	75.4	75.4	76.0
≥ 3000	54.6	72.2	73.0	73.7	74.5	74.6	74.7	75.1	75.2	75.4	75.6	75.8	76.1	76.1	76.1	76.6
≥ 2500	55.6	73.5	74.3	75.1	75.9	76.0	76.1	76.4	76.5	76.8	77.0	77.1	77.4	77.4	77.4	78.0
≥ 2000	57.0	75.6	76.4	77.2	78.0	78.1	78.2	78.5	78.6	78.9	79.1	79.2	79.5	79.5	79.5	80.1
≥ 1800	57.6	76.6	77.5	78.3	79.1	79.2	79.3	79.6	79.8	80.0	80.2	80.3	80.6	80.6	80.6	81.2
≥ 1500	59.6	79.3	80.2	81.0	81.8	81.9	82.0	82.3	82.4	82.6	82.9	83.0	83.3	83.3	83.3	83.9
≥ 1200	60.3	80.6	81.5	82.3	83.1	83.2	83.3	83.6	83.8	84.0	84.2	84.3	84.6	84.6	84.6	85.2
≥ 1000	60.8	82.0	83.0	83.8	84.5	84.6	84.8	85.1	85.2	85.4	85.7	85.8	86.1	86.1	86.1	86.7
≥ 900	61.1	82.4	83.5	84.3	85.2	85.3	85.4	85.8	85.9	86.1	86.3	86.4	86.8	86.8	86.8	87.3
≥ 800	61.4	83.6	85.3	86.1	87.1	87.2	87.4	87.8	88.0	88.2	88.4	88.5	88.9	88.9	88.9	89.4
≥ 700	61.9	84.4	86.2	87.1	88.1	88.2	88.4	88.8	89.0	89.2	89.4	89.5	89.9	89.9	89.9	90.4
≥ 600	62.0	85.2	87.1	88.1	89.4	89.5	89.9	90.4	90.7	90.9	91.1	91.2	91.5	91.5	91.5	92.1
≥ 500	62.0	85.8	88.0	89.1	90.9	91.1	91.4	92.0	92.2	92.4	92.7	92.8	93.1	93.1	93.1	93.8
≥ 400	62.1	86.2	88.5	89.8	91.7	91.9	92.5	93.2	93.5	93.8	94.0	94.2	94.5	94.5	94.5	95.3
≥ 300	62.1	86.2	88.7	89.9	91.8	92.1	92.8	94.0	94.3	94.8	95.1	95.3	95.7	95.8	95.8	96.9
≥ 200	62.1	86.2	88.7	89.9	91.8	92.1	93.1	94.9	95.6	96.2	96.7	96.9	97.3	97.6	97.6	98.9
≥ 100	62.1	86.2	88.7	89.9	91.8	92.1	93.1	95.0	95.7	96.3	96.9	97.1	97.6	97.8	97.9	99.7
≥ 0	62.1	86.2	88.7	89.9	91.8	92.1	93.1	95.0	95.7	96.3	96.9	97.1	97.6	97.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2	FORBES FLD KS	63-70,73-74	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.7	54.7	54.9	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.1	56.1	56.1
≥ 20000	41.9	57.6	57.9	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.1	59.1	59.1
≥ 18000	42.1	57.7	58.0	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.2	59.2
≥ 17000	42.1	57.7	58.0	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.2	59.2
≥ 14000	42.1	57.9	58.2	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.4	59.4
≥ 12000	43.0	59.0	59.3	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.6
≥ 10000	45.0	61.8	62.1	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.3	63.3
≥ 9000	45.4	62.4	62.8	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.0	64.0
≥ 8000	46.3	64.4	64.8	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	66.0	66.0	66.0
≥ 7000	47.9	65.9	66.2	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.4	67.4
≥ 6000	48.7	67.8	68.2	69.2	69.3	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.7	69.8	69.8	69.8
≥ 5000	49.1	68.4	68.9	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.4	70.4	70.4
≥ 4500	49.3	68.9	69.3	70.3	70.4	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2
≥ 4000	50.3	70.4	70.9	71.9	72.0	72.0	72.3	72.4	72.6	72.6	72.6	72.6	72.7	72.8	72.8	72.8
≥ 3500	50.9	70.9	71.3	72.3	72.4	72.4	72.8	72.9	73.0	73.0	73.0	73.0	73.1	73.2	73.2	73.2
≥ 3000	51.2	71.4	71.9	72.9	73.0	73.0	73.4	73.6	73.7	73.7	73.7	73.7	73.8	73.9	73.9	73.9
≥ 2500	51.8	72.9	73.3	74.3	74.6	74.8	75.2	75.3	75.4	75.4	75.4	75.4	75.6	75.7	75.7	75.7
≥ 2000	53.2	75.4	76.0	77.0	77.2	77.4	77.9	78.1	78.2	78.2	78.2	78.2	78.3	78.4	78.4	78.4
≥ 1800	53.9	76.7	77.2	78.2	78.4	78.7	79.1	79.3	79.4	79.4	79.4	79.4	79.6	79.7	79.7	79.7
≥ 1500	56.2	80.7	81.6	82.6	82.8	83.0	83.4	83.7	83.8	83.8	83.8	83.8	83.9	84.0	84.0	84.0
≥ 1200	56.7	82.1	83.1	84.1	84.3	84.6	85.0	85.2	85.3	85.3	85.3	85.3	85.4	85.6	85.6	85.6
≥ 1000	57.3	84.0	85.1	86.1	86.7	87.0	87.7	87.9	88.0	88.0	88.0	88.0	88.1	88.2	88.2	88.2
≥ 900	57.3	84.8	85.9	87.0	87.8	88.1	88.9	89.1	89.2	89.2	89.2	89.2	89.3	89.4	89.4	89.4
≥ 800	57.4	85.8	87.3	88.6	89.3	89.7	90.4	90.7	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.0
≥ 700	57.6	86.2	88.1	89.4	90.2	90.6	91.3	91.6	91.7	91.7	91.7	91.7	91.8	91.9	91.9	91.9
≥ 600	57.6	86.8	88.9	90.4	91.6	92.0	92.9	93.1	93.2	93.2	93.2	93.2	93.3	93.4	93.4	93.4
≥ 500	57.6	87.2	89.6	91.4	93.0	93.7	94.6	94.8	94.9	94.9	94.9	94.9	95.1	95.2	95.2	95.2
≥ 400	57.6	87.3	89.7	91.7	93.6	94.7	95.8	96.1	96.4	96.7	96.7	96.7	96.9	97.0	97.0	97.3
≥ 300	57.6	87.3	89.7	91.8	94.1	95.6	96.9	97.3	98.0	98.2	98.4	98.4	98.7	98.8	98.9	99.2
≥ 200	57.6	87.4	89.8	91.9	94.2	95.7	97.0	97.6	98.2	98.4	98.7	98.8	99.1	99.2	99.3	99.7
≥ 100	57.6	87.4	89.8	91.9	94.2	95.7	97.0	97.6	98.2	98.4	98.7	98.8	99.1	99.2	99.4	100.0
≥ 0	57.6	87.4	89.8	91.9	94.2	95.7	97.0	97.6	98.2	98.4	98.7	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742 (STATION) FORBES FLD KS (STATION NAME) 63-70,73-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0	
NO CEILING	44.3	58.3	59.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 25000	48.2	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	48.2	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 15000	48.2	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	48.2	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	49.8	62.4	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	52.2	66.0	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
≥ 9000	52.4	66.2	66.3	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
≥ 8000	53.3	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	53.9	68.7	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	54.9	70.0	70.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	55.4	71.0	71.1	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
≥ 4500	55.9	71.7	71.8	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	57.1	73.3	73.4	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	57.7	74.0	74.1	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	58.4	75.1	75.2	75.4	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	60.9	78.2	78.4	78.7	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	63.6	81.7	81.9	82.1	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	64.4	83.0	83.2	83.4	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	66.4	86.6	87.0	87.2	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	67.2	88.0	88.6	89.0	89.9	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	67.3	89.7	90.3	90.9	92.0	92.2	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	67.6	90.6	91.2	91.8	92.9	93.1	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	67.7	91.4	92.2	92.8	94.2	94.4	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	67.8	92.3	93.1	93.7	95.3	95.6	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	67.8	92.4	93.2	93.9	95.6	95.9	96.1	96.2	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	67.8	92.7	93.7	94.3	96.0	96.3	96.6	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	67.8	92.8	93.9	94.7	96.3	96.7	96.9	97.3	97.4	97.6	97.9	97.8	97.9	98.0	98.0	98.1
≥ 300	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.1	98.3	98.6	98.8	98.8	99.0	99.1	99.1	99.2
≥ 200	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.3	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.9
≥ 100	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.3	98.6	99.0	99.3	99.3	99.6	99.7	99.7	100.0
≥ 0	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.3	98.6	99.0	99.3	99.3	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	46.7	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	48.4	62.5	62.5	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
≥ 18000	48.4	62.5	62.5	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
≥ 17000	48.4	62.5	62.5	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
≥ 14000	48.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	50.7	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	54.5	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	54.6	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	56.0	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	56.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	57.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	57.5	74.1	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
≥ 4500	58.4	75.1	75.2	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	59.5	76.6	77.1	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	61.1	78.4	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	62.3	80.1	80.4	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	63.4	82.0	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	65.2	85.3	85.8	85.8	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	65.7	86.1	86.5	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	66.7	88.2	89.1	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	67.1	89.4	90.8	91.1	91.5	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	67.1	90.3	91.9	92.4	92.9	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	67.1	90.7	92.4	93.0	93.7	93.8	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	67.1	91.0	92.9	93.5	94.4	94.5	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	67.0	91.7	93.9	94.8	95.9	96.0	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	67.0	91.8	94.0	95.0	96.3	96.6	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	67.0	92.0	94.3	95.3	96.8	97.0	97.4	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	67.0	92.0	94.3	95.4	97.0	97.3	98.0	98.9	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4
≥ 300	67.0	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	67.0	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	67.0	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	67.2	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?52?	FORBES FLD KS	63-70,73-74	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	53.9	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	65.9
≥ 20000	54.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	54.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 17000	54.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	55.1	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	55.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	59.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	59.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	61.2	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	61.3	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	62.3	75.3	75.4	75.4	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	63.1	75.9	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	63.3	76.3	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	64.4	77.9	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	66.1	80.1	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	67.3	81.3	81.4	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
≥ 2500	69.1	83.2	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	70.6	85.3	85.7	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 800	70.9	85.9	86.1	86.4	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	72.0	87.8	88.1	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	72.7	89.0	89.4	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	73.4	90.9	91.3	91.7	91.9	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	73.9	91.6	92.2	92.7	93.0	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	74.2	92.2	93.3	93.9	94.3	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	74.1	92.8	93.9	94.4	94.9	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	74.2	93.1	94.3	94.9	95.3	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	74.3	93.2	94.7	95.6	96.3	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	74.3	93.2	94.8	96.1	97.2	97.6	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	74.3	93.2	94.8	96.2	97.4	97.8	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	74.3	93.3	95.0	96.4	97.7	98.0	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	74.3	93.3	95.0	96.4	97.7	98.0	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	74.3	93.3	95.0	96.4	97.7	98.0	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?-2?	FORBES FLD KS	63-70,73-74	NOV
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	56.4	68.2	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	57.1	68.9	69.3	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	57.1	68.9	69.3	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	57.1	68.9	69.3	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	57.2	69.0	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	57.6	69.4	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	60.2	72.4	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	61.0	73.2	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	61.9	74.0	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	62.6	74.8	75.2	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	63.3	75.6	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	64.2	76.4	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	64.9	77.2	77.8	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	66.1	78.6	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	67.1	79.7	80.2	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	68.3	80.8	81.3	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	69.6	82.7	83.3	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	70.8	84.1	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	71.8	85.4	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	73.0	87.1	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	74.4	89.0	89.8	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	75.7	90.8	91.6	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	75.8	91.4	92.4	92.6	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	76.4	93.2	94.3	94.6	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	76.8	93.4	94.6	94.9	95.0	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	76.6	93.7	94.9	95.2	95.3	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	76.6	94.1	95.7	96.0	96.4	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	76.6	94.4	96.2	96.9	97.4	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	76.6	94.6	96.6	97.3	98.1	98.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	76.6	94.7	96.7	97.4	98.4	98.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	76.6	94.7	96.7	97.4	98.4	98.6	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	76.6	94.7	96.7	97.4	98.4	98.6	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2 | FORBES FLD KS | 63-70,73-74 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	≥ 0
NO CEILING	49.2	61.8	62.1	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.[illegible]
≥ 20000	50.5	63.3	63.6	63.9	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.6
≥ 18000	50.5	63.3	63.6	63.9	64.1	64.1	64.2	64.2	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6
≥ 17000	50.6	63.4	63.7	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6
≥ 14000	50.6	63.5	63.8	64.1	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.7	64.7	64.8
≥ 12000	51.8	64.7	65.[illegible]	65.3	65.5	65.5	65.5	65.6	65.7	65.7	65.7	65.8	65.9	65.9	65.9	66.0
≥ 10000	54.3	67.8	68.1	68.3	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.9	69.0	69.0	69.1
≥ 9000	54.8	68.4	68.7	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.6	69.6	69.7
≥ 8000	56.2	70.1	70.4	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.4
≥ 7000	57.0	71.1	71.4	71.7	71.9	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	72.5
≥ 6000	57.9	72.2	72.5	72.8	73.1	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.7
≥ 5000	58.3	72.8	73.2	73.5	73.8	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.3	74.3	74.4
≥ 4500	58.8	73.7	74.1	74.4	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.4
≥ 4000	59.9	75.1	75.5	75.8	76.1	76.2	76.2	76.4	76.4	76.5	76.5	76.6	76.7	76.7	76.7	76.8
≥ 3500	60.7	76.2	76.6	76.9	77.2	77.2	77.3	77.4	77.5	77.6	77.6	77.7	77.8	77.8	77.8	77.9
≥ 3000	61.6	77.2	77.6	77.9	78.2	78.3	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.9	78.9	79.0
≥ 2500	62.3	79.0	79.5	79.8	80.2	80.2	80.3	80.5	80.5	80.6	80.7	80.7	80.8	80.8	80.9	80.9
≥ 2000	64.6	81.4	81.9	82.2	82.6	82.6	82.7	82.9	83.0	83.0	83.1	83.1	83.2	83.3	83.3	83.4
≥ 1800	65.4	82.5	83.0	83.3	83.7	83.7	83.8	84.0	84.1	84.1	84.2	84.2	84.3	84.4	84.4	84.5
≥ 1500	67.0	85.0	85.6	86.0	86.3	86.4	86.6	86.8	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.3
≥ 1200	67.7	86.4	87.1	87.5	87.9	88.1	88.2	88.5	88.5	88.6	88.7	88.7	88.8	88.9	88.9	89.0
≥ 1000	68.4	87.9	88.7	89.2	89.7	89.9	90.1	90.4	90.5	90.5	90.6	90.6	90.7	90.8	90.8	90.9
≥ 900	68.5	88.5	89.4	89.9	90.5	90.7	90.9	91.2	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.7
≥ 800	68.9	89.4	90.5	91.1	91.8	92.0	92.2	92.5	92.6	92.7	92.8	92.8	92.9	93.0	93.0	93.1
≥ 700	68.9	90.0	91.3	91.9	92.7	92.9	93.1	93.5	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.1
≥ 600	69.0	90.4	91.8	92.5	93.4	93.7	94.0	94.4	94.5	94.6	94.7	94.7	94.8	94.9	94.9	95.0
≥ 500	69.2	90.8	92.4	93.3	94.5	94.8	95.2	95.6	95.7	95.9	96.0	96.0	96.2	96.2	96.2	96.3
≥ 400	69.0	91.0	92.7	93.8	95.1	95.5	96.2	96.7	96.8	97.0	97.1	97.2	97.3	97.4	97.4	97.6
≥ 300	69.0	91.0	92.8	94.0	95.4	96.0	96.7	97.4	97.7	97.9	98.1	98.1	98.3	98.4	98.4	98.7
≥ 200	69.0	91.1	92.8	94.0	95.5	96.1	96.9	97.8	98.2	98.5	98.7	98.7	99.0	99.1	99.1	99.5
≥ 100	69.0	91.1	92.8	94.0	95.5	96.1	96.9	97.9	98.3	98.6	98.9	99.0	99.2	99.3	99.4	99.9
≥ 0	69.0	91.1	92.8	94.0	95.5	96.1	96.9	97.9	98.3	98.6	98.9	99.0	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?2?	FORBES FLD KS	63-70,73-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	48.2	58.1	58.2	58.3	58.4	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	49.3	59.1	59.2	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	49.2	59.1	59.2	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 17000	49.2	59.1	59.2	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	49.5	59.4	59.5	59.6	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 15000	49.7	59.6	59.7	59.8	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	51.9	62.2	62.4	62.5	62.8	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 13000	52.0	62.5	62.7	62.8	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	54.4	65.2	65.4	65.5	65.8	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 11000	55.6	66.3	66.6	66.7	67.0	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	56.9	67.8	68.2	68.3	68.6	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	58.1	69.1	69.5	69.6	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	58.8	70.4	70.9	71.0	71.3	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	59.1	71.0	71.4	71.5	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	59.4	71.5	71.9	72.0	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	60.2	72.8	73.4	73.5	74.0	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	61.9	74.6	75.9	75.6	76.0	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	63.3	77.6	78.5	78.6	79.0	79.0	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500	63.7	78.1	78.9	79.0	79.5	79.5	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	64.7	80.0	81.1	81.2	81.6	81.6	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	65.3	82.0	83.1	83.2	83.8	83.8	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	67.2	84.7	85.9	86.0	86.7	86.7	87.1	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	67.5	86.1	87.4	87.5	88.2	88.2	88.6	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	68.1	87.0	88.3	88.4	89.4	89.4	89.9	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	68.3	87.7	89.2	89.4	90.5	90.5	91.1	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	68.4	88.1	89.6	89.7	90.9	91.1	91.7	91.9	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	68.5	88.5	90.4	91.0	93.1	93.3	94.0	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	68.5	88.7	90.8	91.4	93.5	94.0	94.6	95.2	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 700	68.5	88.7	90.9	91.5	93.7	94.1	95.2	96.0	96.3	96.8	96.9	96.9	97.1	97.2	97.4	97.4
≥ 600	68.5	88.7	90.9	91.5	93.8	94.2	95.4	96.7	97.0	97.6	98.0	98.0	98.4	98.5	98.7	98.7
≥ 500	68.5	88.7	90.9	91.5	93.8	94.2	95.5	96.8	97.2	97.8	98.4	98.4	98.8	99.1	99.4	99.6
≥ 400	68.5	88.7	90.9	91.5	93.8	94.2	95.5	96.8	97.2	97.8	98.4	98.4	98.9	99.5	99.8	100.0
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 93?

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1012	FORBES FLD KS	63-70,73-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.1	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.8
≥ 20000	47.1	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.6
≥ 18000	47.1	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.6
≥ 17000	47.1	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.6
≥ 14000	47.2	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.9
≥ 12000	48.0	57.7	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6
≥ 10000	49.7	59.7	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.6
≥ 9000	50.1	60.4	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4
≥ 8000	51.5	61.9	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.9
≥ 7000	53.1	63.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.5
≥ 6000	54.2	64.9	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.9
≥ 5000	55.6	66.5	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4
≥ 4500	56.7	68.2	68.7	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4
≥ 4000	57.3	69.6	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.8
≥ 3500	57.5	70.3	70.9	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.5
≥ 3000	58.0	71.2	71.7	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.4
≥ 2500	59.5	73.0	73.5	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.3
≥ 2000	61.8	76.7	77.2	77.4	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.1
≥ 1800	62.8	77.7	78.3	78.5	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.2
≥ 1500	64.3	79.5	80.0	80.2	80.3	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2
≥ 1200	65.4	81.1	81.7	82.0	82.3	82.4	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.4
≥ 1000	66.3	83.0	83.7	84.1	84.3	84.4	85.1	85.4	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1
≥ 900	67.1	84.7	85.6	86.1	86.5	86.6	87.2	87.5	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3
≥ 800	67.7	85.8	86.7	87.2	87.5	87.6	88.3	88.6	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.4
≥ 700	67.8	86.8	87.7	88.3	88.7	88.8	89.5	89.8	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.5
≥ 600	68.2	87.5	88.6	89.5	90.1	90.3	91.0	91.3	91.7	91.7	91.8	91.8	91.8	91.9	91.9	92.0
≥ 500	68.5	88.0	89.4	90.4	91.3	91.6	92.3	92.7	93.1	93.1	93.2	93.2	93.3	93.4	93.4	93.5
≥ 400	68.6	88.5	90.1	91.3	92.4	93.2	94.1	94.9	95.4	95.4	95.5	95.5	95.7	95.8	95.8	95.9
≥ 300	68.6	88.5	90.2	91.5	92.9	93.9	94.8	96.0	97.1	97.1	97.2	97.3	97.5	97.7	98.0	98.1
≥ 200	68.6	88.5	90.3	91.8	93.7	94.6	95.6	96.8	97.8	98.0	98.1	98.2	98.4	98.6	98.8	98.9
≥ 100	68.6	88.5	90.3	91.8	93.7	94.6	95.6	96.8	98.0	98.2	98.3	98.6	98.9	99.1	99.6	99.9
≥ 0	68.6	88.5	90.3	91.8	93.7	94.6	95.6	96.8	98.0	98.2	98.3	98.6	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?42	FORBES FLD KS	63-70,73-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥0	
NO CEILING	42.6	50.4	51.4	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8	52.9	53.0
≥ 20000	42.5	52.5	53.4	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9	55.1
≥ 18000	42.5	52.5	53.4	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9	55.1
≥ 17000	42.5	52.6	53.5	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.9	54.9	55.1	55.2
≥ 16000	42.5	52.7	53.7	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.9	54.9	55.1	55.1	55.2	55.3
≥ 15000	43.0	53.2	54.2	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.6	55.6	55.7	55.8
≥ 14000	44.3	55.1	56.0	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.4	57.4	57.5	57.6
≥ 13000	44.6	55.5	56.5	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.8	58.0	58.1
≥ 12000	46.7	57.7	58.8	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.3	60.4
≥ 11000	48.6	59.8	60.9	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.5
≥ 10000	49.5	61.1	62.3	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.7	63.7	63.8	63.9
≥ 9000	50.4	62.5	63.7	64.5	64.6	64.7	64.7	64.8	64.8	64.8	65.1	65.1	65.2	65.2	65.3	65.4
≥ 8000	51.2	63.7	64.8	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.3	66.3	66.5	66.6
≥ 7000	52.0	65.4	66.7	67.5	67.6	67.7	67.8	68.0	68.0	68.1	68.3	68.3	68.4	68.4	68.5	68.6
≥ 6000	52.3	66.3	67.6	68.6	68.7	68.8	68.9	69.0	69.0	69.1	69.4	69.4	69.5	69.5	69.6	69.7
≥ 5000	53.0	67.5	68.8	69.9	70.2	70.3	70.5	70.6	70.6	70.8	71.0	71.0	71.1	71.1	71.2	71.3
≥ 4500	54.6	69.8	71.2	72.3	72.6	72.7	72.9	73.0	73.0	73.1	73.3	73.3	73.4	73.4	73.5	73.7
≥ 4000	56.2	72.3	73.9	74.9	75.3	75.4	75.7	75.8	75.8	75.9	76.1	76.1	76.2	76.2	76.3	76.5
≥ 3500	56.3	72.5	74.1	75.2	75.5	75.6	75.9	76.0	76.0	76.1	76.3	76.3	76.5	76.5	76.6	76.7
≥ 3000	59.2	76.2	77.8	78.9	79.2	79.4	79.7	79.8	79.8	79.9	80.1	80.1	80.2	80.2	80.3	80.4
≥ 2500	60.2	77.8	79.7	80.8	81.3	81.4	81.8	81.9	82.0	82.2	82.4	82.4	82.5	82.5	82.6	82.7
≥ 2000	61.1	79.6	81.6	82.7	83.2	83.4	83.9	84.1	84.2	84.4	84.7	84.7	84.8	84.8	84.9	85.1
≥ 1800	61.3	80.6	82.8	83.9	84.4	84.6	85.1	85.3	85.5	85.7	86.0	86.0	86.1	86.2	86.3	86.5
≥ 1500	61.9	81.4	84.0	85.3	85.9	86.1	86.9	87.1	87.4	87.6	88.0	88.0	88.2	88.4	88.5	88.7
≥ 1200	61.9	82.2	84.8	86.1	86.8	87.0	87.7	88.0	88.3	88.7	89.0	89.0	89.4	89.6	89.7	89.9
≥ 1000	61.9	82.7	85.5	87.3	88.0	88.3	89.0	89.2	89.7	90.1	90.5	90.6	91.0	91.2	91.3	91.5
≥ 900	61.9	82.7	85.8	87.5	88.7	89.1	90.0	90.4	90.9	91.4	91.8	91.9	92.3	92.5	92.6	92.8
≥ 800	61.9	82.9	86.0	88.2	89.5	90.5	92.0	92.7	93.1	93.9	94.3	94.4	94.9	95.2	95.4	95.6
≥ 700	61.9	82.9	86.0	88.3	89.8	91.1	93.0	93.9	94.5	95.3	95.7	95.8	96.3	96.7	97.0	97.2
≥ 600	61.9	82.9	86.0	88.3	89.9	91.2	93.2	94.1	95.3	96.0	96.7	96.8	97.4	97.7	98.2	98.4
≥ 500	61.9	82.9	86.0	88.3	89.9	91.2	93.2	94.1	95.4	96.2	97.1	97.4	98.1	98.5	99.2	99.3
≥ 400	61.9	82.9	86.0	88.3	89.9	91.2	93.2	94.1	95.4	96.2	97.1	97.5	98.2	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]2	FORBES FLD KS	63-70,73-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.2	49.7	51.2	51.3	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.8
≥ 20000	38.4	51.8	53.3	53.4	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0
≥ 18000	38.4	51.8	53.3	53.4	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0
≥ 16000	38.8	52.4	53.9	54.0	54.0	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.5
≥ 14000	38.8	52.6	54.1	54.2	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7
≥ 12000	40.9	54.6	56.1	56.2	56.2	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.8
≥ 10000	42.6	57.0	58.5	58.6	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.1
≥ 9000	42.8	57.5	59.0	59.1	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7
≥ 8000	44.1	59.7	61.3	61.5	61.5	61.7	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2
≥ 7000	45.7	61.8	63.4	63.7	63.7	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3
≥ 6000	46.5	63.1	64.7	64.9	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6
≥ 5000	46.9	64.1	65.7	65.9	65.9	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.7
≥ 4500	47.1	64.7	66.3	66.6	66.6	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.4
≥ 4000	47.3	65.9	67.5	67.7	67.7	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.7
≥ 3500	47.5	67.3	68.9	69.1	69.1	69.5	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1
≥ 3000	48.4	68.8	70.4	70.6	70.6	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.6
≥ 2500	49.1	70.4	72.2	72.4	72.4	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3
≥ 2000	50.0	72.3	74.0	74.2	74.3	74.6	75.2	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7
≥ 1800	50.0	72.6	74.3	74.5	74.6	74.9	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0
≥ 1500	51.3	74.9	76.7	77.2	77.3	77.6	78.3	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.9
≥ 1200	52.7	77.5	79.6	80.1	80.5	80.9	81.8	82.4	82.4	82.9	82.9	82.9	83.0	83.0	83.0	83.1
≥ 1000	53.2	78.9	81.6	82.2	82.8	83.2	84.3	85.2	85.2	85.9	86.0	86.0	86.1	86.1	86.1	86.2
≥ 900	53.5	80.1	82.9	83.4	84.1	84.5	85.6	86.6	86.7	87.4	87.5	87.5	87.6	87.6	87.6	87.7
≥ 800	53.7	80.5	83.3	84.1	84.7	85.3	86.3	87.3	87.4	88.4	88.7	88.7	88.8	88.8	88.8	89.0
≥ 700	53.9	81.0	83.9	84.6	85.4	86.2	87.4	88.7	88.8	89.8	90.1	90.1	90.3	90.4	90.4	90.8
≥ 600	53.9	81.3	84.2	85.2	86.2	87.1	88.3	89.7	89.8	90.8	91.3	91.3	91.5	91.6	91.6	91.9
≥ 500	53.9	81.5	84.8	85.9	87.2	88.1	89.2	90.6	90.8	91.7	92.4	92.5	92.8	93.0	93.0	93.3
≥ 400	53.9	81.6	85.1	86.3	87.7	88.6	89.9	91.5	91.6	92.7	93.5	93.7	94.0	94.2	94.2	94.5
≥ 300	53.9	81.6	85.1	86.3	87.7	88.6	90.2	92.9	93.5	94.7	95.7	95.9	96.5	96.7	96.8	97.3
≥ 200	53.9	81.6	85.1	86.3	87.7	88.6	90.3	93.3	94.1	95.4	96.8	97.0	97.7	98.2	98.4	99.1
≥ 100	53.9	81.6	85.1	86.3	87.7	88.6	90.3	93.3	94.2	95.5	97.0	97.2	98.1	98.7	98.9	99.9
≥ 0	53.9	81.6	85.1	86.3	87.7	88.6	90.3	93.3	94.2	95.5	97.0	97.2	98.1	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13742	FORBES FLD KS	63-70,73-74	DEC	1200-1400
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

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	41.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 22000	43.1	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	43.1	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 17000	43.3	54.7	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	54.9
≥ 14000	43.7	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000	45.1	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 10000	47.0	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	47.3	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	49.5	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	50.9	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	51.3	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000	51.5	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	51.9	67.8	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4000	51.9	68.7	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 3500	52.3	69.2	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3000	53.2	70.0	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 2500	54.5	72.0	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000	55.7	74.8	75.3	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
≥ 1800	56.1	75.8	76.2	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1500	58.4	79.4	80.0	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
≥ 1200	59.6	8 .9	83.7	83.9	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	60.2	84.8	85.8	86.6	87.3	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	60.3	85.5	86.7	87.4	88.3	88.3	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	60.3	86.3	87.8	88.7	89.8	89.8	90.0	90.2	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8
≥ 700	60.8	87.0	88.5	89.5	90.6	90.8	91.2	91.6	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.4
≥ 600	60.8	87.3	88.8	89.8	91.0	91.1	91.5	92.3	92.7	92.7	92.9	93.0	93.1	93.1	93.1	93.2
≥ 500	60.8	87.4	89.0	90.3	91.5	91.7	92.4	93.4	93.9	93.9	94.1	94.2	94.3	94.3	94.3	94.4
≥ 400	60.8	87.5	89.1	90.4	92.0	92.6	93.4	95.3	95.8	96.0	96.5	96.6	96.9	97.0	97.0	97.1
≥ 300	60.8	87.5	89.1	90.5	92.4	92.9	93.8	95.6	96.6	96.9	97.4	97.7	98.1	98.2	98.2	98.4
≥ 200	60.8	87.5	89.1	90.5	92.4	92.9	93.9	95.7	96.9	97.3	98.1	98.5	99.2	99.5	99.5	99.7
≥ 100	60.8	87.5	89.1	90.5	92.4	92.9	93.9	95.7	96.9	97.3	98.1	98.5	99.4	99.7	99.7	100.0
≥ 0	60.8	87.5	89.1	90.5	92.4	92.9	93.9	95.7	96.9	97.3	98.1	98.5	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

...L CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72	FORBES FLD KS	63-72,73-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥	≥
NO CEILING	44.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 22000	46.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	46.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 17000	46.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	47.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	48.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	49.0	63.8	63.8	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
≥ 9000	49.1	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	64.3	64.3
≥ 8000	50.3	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	52.7	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	53.5	70.2	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	53.7	70.3	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	54.2	71.2	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	54.4	71.7	72.2	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	54.6	72.2	72.6	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	55.7	74.1	74.5	74.7	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	56.3	75.6	76.0	76.2	76.3	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	58.5	79.4	80.2	80.9	81.0	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	59.5	80.8	81.7	82.4	82.6	82.9	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	61.1	83.8	85.3	85.9	86.3	86.7	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	61.7	85.3	86.9	87.5	88.1	88.6	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	61.7	86.1	88.0	88.6	89.3	89.8	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	61.7	86.2	88.5	89.1	90.1	90.5	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	61.7	86.6	88.9	89.6	90.8	91.2	91.6	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	61.9	86.8	89.4	90.2	91.6	92.4	93.0	93.7	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1
≥ 600	61.8	86.8	89.4	90.4	92.5	93.2	94.1	94.8	94.9	95.1	95.4	95.4	95.5	95.5	95.5	95.5
≥ 500	61.8	86.8	89.5	90.5	92.7	93.5	94.4	95.5	95.8	95.9	96.3	96.6	96.8	96.8	96.8	96.8
≥ 400	61.8	86.9	89.6	90.6	93.0	93.9	94.7	96.0	96.5	96.7	97.2	97.4	97.7	97.7	97.7	97.7
≥ 300	61.8	86.9	89.6	90.8	93.3	94.2	95.4	97.0	97.5	97.7	98.3	98.6	99.1	99.1	99.1	99.1
≥ 200	61.9	86.9	89.6	90.8	93.3	94.2	95.4	97.2	97.8	98.1	98.7	99.0	99.7	99.8	99.8	99.8
≥ 100	61.9	86.9	89.6	90.8	93.3	94.2	95.4	97.2	97.8	98.1	98.7	99.0	99.7	99.8	99.9	100.0
≥ 0	61.8	86.9	89.6	90.8	93.3	94.2	95.4	97.2	97.8	98.1	98.7	99.0	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12	FORBES FLD MS	63-70,73-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18.00-21.00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING	59.3	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	61.2	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	61.8
≥ 18000	61.2	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	61.8
≥ 16000	61.2	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	61.8
≥ 14000	62.0	62.5	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
≥ 12000	62.9	63.6	63.6	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
≥ 10000	65.1	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	65.3	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	67.1	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	68.1	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 6000	68.7	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	68.7	71.4	71.5	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3
≥ 4500	68.9	72.1	72.1	72.2	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9
≥ 4000	69.7	72.3	72.4	72.5	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 3500	70.6	73.4	73.6	73.7	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 3000	71.7	75.2	75.4	75.5	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4
≥ 2500	73.6	78.0	78.2	78.3	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
≥ 2000	75.3	80.0	80.4	80.5	80.9	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6
≥ 1800	76.3	81.7	82.0	82.1	82.5	82.6	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 1500	78.8	84.5	84.8	84.9	85.5	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
≥ 1200	79.9	85.5	85.9	86.1	86.8	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
≥ 1000	80.1	86.9	87.3	87.5	88.2	88.3	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4
≥ 900	80.2	87.3	87.7	87.9	88.7	88.8	89.0	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.8	90.0
≥ 800	80.3	87.8	88.5	88.8	89.6	89.9	90.1	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	91.2
≥ 700	80.3	88.5	89.5	90.1	90.9	91.4	91.6	92.0	92.2	92.4	92.6	92.6	92.6	92.6	92.7	92.9
≥ 600	80.3	88.8	89.9	90.4	91.3	91.7	91.9	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.1	93.3
≥ 500	80.4	89.0	90.1	90.9	92.1	92.7	93.0	93.5	94.1	94.4	94.6	94.6	94.7	94.7	94.9	95.0
≥ 400	80.4	89.3	90.4	91.5	93.1	94.2	94.6	95.4	95.9	96.3	96.5	96.5	96.8	96.8	97.0	97.2
≥ 300	80.4	89.3	90.4	91.5	93.5	94.7	95.3	96.4	97.2	97.7	98.1	98.1	98.3	98.3	98.5	98.7
≥ 200	80.4	89.3	90.5	91.6	93.6	94.8	95.4	96.8	97.5	98.2	98.6	98.6	98.9	98.9	99.1	99.4
≥ 100	80.4	89.3	90.5	91.6	93.6	94.8	95.4	96.8	97.5	98.2	98.7	98.7	99.1	99.1	99.4	99.8
≥ 0	80.4	89.3	90.5	91.6	93.6	94.8	95.4	96.8	97.5	98.2	98.7	98.7	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 12 | FORBES FLD KS | 63-70,73-74 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	43.1	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 20000	49.6	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 18000	49.6	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 16000	49.6	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 14000	49.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 12000	50.7	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 10000	53.9	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 9000	54.3	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
≥ 8000	57.0	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 7000	58.1	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 6000	58.7	69.7	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 5000	59.1	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 4500	60.5	72.4	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	73.0
≥ 4000	60.5	72.5	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3500	60.9	73.1	73.7	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 3000	61.5	74.6	75.2	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 2500	63.4	77.1	77.7	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 2000	65.2	79.4	79.9	80.3	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥ 1800	65.9	80.6	81.2	81.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 1500	67.4	82.3	83.1	83.4	83.6	83.7	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.3
≥ 1200	68.5	83.6	84.6	85.0	85.2	85.3	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1
≥ 1000	69.3	85.1	86.2	86.6	86.8	86.9	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8
≥ 900	69.3	85.7	86.7	87.2	87.5	87.6	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.5
≥ 800	69.5	86.1	87.2	87.6	87.9	88.0	88.6	88.7	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4
≥ 700	69.5	86.6	87.9	88.3	88.7	88.8	89.4	89.6	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.5
≥ 600	69.5	86.9	88.5	89.0	89.5	89.6	90.5	90.8	91.5	91.6	91.8	91.9	91.9	91.9	91.9	92.0
≥ 500	69.5	87.5	89.2	90.2	91.2	91.4	92.6	92.9	93.5	93.6	94.0	94.1	94.1	94.1	94.1	94.2
≥ 400	69.5	87.5	89.2	90.6	92.1	92.4	94.1	94.6	95.5	95.9	96.3	96.4	96.4	96.4	96.4	96.5
≥ 300	69.5	87.5	89.2	90.7	92.3	92.7	94.6	95.3	96.1	96.8	97.3	97.4	97.4	97.4	97.5	97.7
≥ 200	69.5	87.5	89.2	90.7	92.3	92.7	94.8	95.6	96.8	97.8	98.4	98.5	98.5	98.5	98.7	98.9
≥ 100	69.5	87.5	89.2	90.7	92.3	92.7	94.8	95.7	96.9	98.2	98.8	99.0	99.2	99.2	99.5	99.9
≥ 0	69.5	87.5	89.2	90.7	92.3	92.7	94.8	95.7	96.9	98.2	98.8	99.0	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2	FORBES FLD KS	63-70,73-74	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	44.6	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3
≥ 20000	45.9	56.8	57.3	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
≥ 18000	45.9	56.8	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7
≥ 17000	46.1	57.0	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8
≥ 14000	46.3	57.4	57.8	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 12000	47.3	58.6	59.1	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
≥ 10000	49.2	61.0	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
≥ 9500	49.4	61.4	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
≥ 9000	51.4	63.8	64.3	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
≥ 7000	52.9	65.5	66.0	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 6000	53.6	66.7	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9
≥ 5000	54.3	67.6	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9
≥ 4500	55.0	68.8	69.4	69.6	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 4000	55.3	69.6	70.3	70.5	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1
≥ 3500	55.6	70.4	71.1	71.3	71.5	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 3000	56.4	71.8	72.5	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4
≥ 2500	57.8	73.8	74.6	74.9	75.0	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6
≥ 2000	59.5	76.6	77.4	77.8	77.9	78.0	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 1800	60.1	77.5	78.3	78.7	78.9	79.0	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6
≥ 1500	61.9	80.1	81.1	81.5	81.8	81.9	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6
≥ 1200	63.0	82.0	83.1	83.6	84.1	84.2	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1
≥ 1000	63.6	83.7	85.0	85.5	86.1	86.3	86.7	87.0	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.6
≥ 900	63.9	84.5	86.0	86.6	87.2	87.4	87.8	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.8
≥ 800	64.1	85.2	86.8	87.4	88.2	88.4	89.0	89.3	89.6	89.7	89.9	89.9	90.0	90.0	90.0	90.1
≥ 700	64.3	85.8	87.6	88.3	89.2	89.5	90.1	90.6	90.9	91.1	91.3	91.3	91.4	91.4	91.5	91.6
≥ 600	64.3	86.2	88.0	88.9	89.9	90.3	91.0	91.6	91.9	92.1	92.4	92.4	92.5	92.6	92.6	92.7
≥ 500	64.4	86.4	88.5	89.6	91.0	91.4	92.2	92.9	93.3	93.6	93.9	94.0	94.1	94.2	94.2	94.4
≥ 400	64.4	86.6	88.8	90.0	91.7	92.4	93.4	94.4	94.9	95.3	95.7	95.8	96.0	96.1	96.2	96.3
≥ 300	64.4	86.6	88.8	90.1	92.0	92.8	94.0	95.4	96.1	96.6	97.1	97.2	97.5	97.7	97.8	98.0
≥ 200	64.4	86.6	88.8	90.2	92.1	92.9	94.2	95.8	96.7	97.3	97.9	98.1	98.5	98.7	98.9	99.1
≥ 100	64.4	86.6	88.8	90.2	92.1	92.9	94.3	95.8	96.7	97.4	98.1	98.4	98.9	99.2	99.4	99.9
≥ 0	64.4	86.6	88.8	90.2	92.1	92.9	94.3	95.8	96.7	97.4	98.1	98.4	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12	FORBES FLD KS	63-70,73-75	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	45.5	63.0	63.4	63.6	63.8	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1
≥ 20000	46.3	64.6	65.1	65.2	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 18000	47.0	64.7	65.1	65.3	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.8
≥ 16000	47.0	64.7	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 14000	47.2	65.0	65.4	65.6	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1
≥ 12000	48.1	66.2	66.6	66.8	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.3
≥ 10000	50.2	69.1	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
≥ 9000	50.6	69.9	70.4	70.6	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 8000	52.4	72.4	72.9	73.2	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8
≥ 7000	53.4	74.0	74.6	74.8	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.5
≥ 6000	54.3	75.6	76.2	76.4	76.7	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1
≥ 5000	55.1	77.0	77.6	77.9	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 4500	55.7	78.0	78.7	79.0	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.8
≥ 4000	56.6	79.5	80.2	80.5	80.8	80.9	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 3500	57.2	80.4	81.2	81.5	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4
≥ 3000	58.0	81.7	82.5	82.8	83.2	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.8
≥ 2500	59.1	83.5	84.3	84.7	85.1	85.2	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7
≥ 2000	60.1	85.3	86.2	86.6	87.0	87.1	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 1800	60.5	85.9	86.9	87.3	87.7	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4
≥ 1500	61.3	87.6	88.6	89.1	89.6	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.4
≥ 1200	61.9	88.6	89.8	90.3	90.8	91.0	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7
≥ 1000	62.3	89.6	90.9	91.4	92.1	92.2	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1
≥ 900	62.4	90.0	91.4	92.0	92.6	92.8	93.2	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.8
≥ 800	62.5	90.5	91.9	92.6	93.3	93.5	94.0	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6
≥ 700	62.6	90.9	92.4	93.2	94.0	94.2	94.7	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.5
≥ 600	62.7	91.2	92.7	93.6	94.5	94.8	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.2
≥ 500	62.8	91.4	93.1	94.0	95.1	95.5	96.1	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1
≥ 400	62.8	91.5	93.3	94.3	95.5	96.0	96.8	97.3	97.4	97.6	97.7	97.8	97.8	97.9	97.9	98.1
≥ 300	62.8	91.6	93.4	94.4	95.7	96.2	97.1	97.8	98.0	98.2	98.4	98.5	98.6	98.6	98.7	98.8
≥ 200	62.8	91.6	93.4	94.5	95.8	96.3	97.2	97.9	98.3	98.5	98.8	98.9	99.1	99.1	99.2	99.4
≥ 100	62.8	91.6	93.4	94.5	95.8	96.3	97.2	98.0	98.3	98.6	98.9	99.0	99.3	99.3	99.5	99.6
≥ 0	62.8	91.6	93.4	94.5	95.8	96.3	97.2	98.0	98.3	98.6	98.9	99.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87598

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

17920	FORBES FLD KS	63-70,74-75	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	32.7			19.5						7.9	39.9	5.3	929
	03-05	33.7			13.5						10.5	42.3	5.6	928
	06-08	25.2			15.4						14.2	45.3	6.3	930
	09-11	20.5			16.0						13.7	49.8	6.7	930
	12-14	20.2			19.2						14.9	45.6	6.5	930
	15-17	19.9			19.2						14.1	46.8	6.5	929
	18-20	23.9			20.8						14.2	41.1	6.0	929
	21-23	31.0			19.9						9.0	40.1	5.4	930
TOTALS		25.9			17.9						12.3	43.9	6.0	7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13928	FORBES FLD KS	63-70,74-75	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	37.4			14.7						7.6	40.4	5.2	846
	03-05	33.7			16.7						8.9	40.8	5.4	846
	06-08	26.9			18.8						12.6	41.7	5.9	844
	09-11	21.0			20.1						15.1	43.7	6.3	846
	12-14	19.9			24.3						13.4	42.4	6.2	844
	15-17	21.6			21.0						15.0	42.3	6.2	846
	18-20	26.2			18.6						13.8	41.3	5.9	842
	21-23	35.2			15.1						9.7	40.0	5.3	846
TOTALS		27.7			18.7						12.0	41.6	5.8	6760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

1792[illegible]	FORBES FLD KS	63-70,74-75	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	36.3			16.3						9.5	37.9	5.1	924
	03-05	34.3			16.6						9.3	39.8	5.3	927
	06-08	19.2			21.0						15.2	44.6	6.5	928
	09-11	15.4			19.1						17.4	48.1	6.9	930
	12-14	11.9			21.0						20.3	46.9	7.1	928
	15-17	12.8			20.0						18.2	49.0	7.1	929
	18-20	19.1			20.0						16.8	44.1	6.5	929
	21-23	32.4			17.6						11.3	38.7	5.4	930
TOTALS		22.7			19.0						14.8	43.6	6.2	7425

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13920	FORBES FLD KS	63-70,74-75	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	33.3			15.5						11.4	39.8	5.5	896
	03-05	30.1			16.3						12.7	40.8	5.7	896
	06-08	20.6			17.9						15.5	46.0	6.5	896
	09-11	17.9			18.9						16.0	47.2	6.7	899
	12-14	13.9			22.2						15.8	48.1	6.9	899
	15-17	14.9			21.0						17.6	46.6	6.9	900
	18-20	17.3			23.3						15.3	44.1	6.5	897
	21-23	31.5			17.9						11.5	39.2	5.5	896
TOTALS		22.4			19.1						14.5	44.0	6.3	7179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
13923	FORBES FLD KS	63-70,73-74	MAY

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	31.0			21.9						13.3	33.8	5.2	930
	03-05	22.7			22.3						16.0	39.0	6.0	930
	06-08	16.8			19.8						16.1	47.3	6.8	929
	09-11	15.2			22.1						20.7	42.1	6.7	929
	12-14	9.9			29.8						23.3	37.0	6.7	929
	15-17	9.3			32.3						23.1	35.4	6.6	927
	18-20	16.5			30.1						18.9	34.4	6.1	929
	21-23	31.1			24.7						13.3	30.9	5.0	929
TOTALS		19.1			25.4						18.1	37.5	6.1	7432

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13920	FORBES FLD KS	63-70,73-74	JUN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	30.9			25.0						13.6	30.5	5.0	899
	03-05	24.4			23.6						18.8	33.2	5.7	898
	06-08	17.7			19.7						21.2	41.4	6.6	898
	09-11	15.6			23.5						24.5	36.5	6.6	899
	12-14	13.0			29.0						27.8	30.2	6.4	897
	15-17	12.0			35.3						28.7	23.9	6.0	898
	18-20	17.7			37.6						19.9	24.8	5.4	899
	21-23	25.1			29.4						17.8	27.7	5.3	899
TOTALS		19.6			27.9						21.5	31.0	5.9	7187

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13920 FORBES FLD KS 63-70,73-74 JUL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	39.0			27.6						12.8	20.5	4.0	930
	03-05	32.3			24.5						17.3	25.9	4.9	928
	06-08	19.1			26.7						23.4	30.8	6.0	928
	09-11	19.6			29.4						27.3	23.6	5.7	927
	12-14	15.7			37.5						25.4	21.4	5.5	930
	15-17	15.1			44.1						23.7	17.2	5.2	930
	18-20	24.8			38.7						20.1	16.3	4.6	930
	21-23	32.5			35.1						14.5	17.8	4.1	928
TOTALS		24.8			33.0						20.6	21.7	5.0	7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

1792 FORBES FLD KS 63-70,73-74 AUG

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	42.2			22.5						12.7	22.5	4.1	927
	03-05	39.5			22.6						13.7	24.1	4.3	928
	06-08	22.5			26.1						19.0	32.4	5.7	927
	09-11	22.7			25.0						20.2	32.1	5.8	929
	12-14	15.9			33.3						24.2	26.6	5.8	927
	15-17	16.1			38.9						23.3	21.7	5.4	926
	18-20	26.5			30.6						20.7	22.2	5.0	926
	21-23	39.0			26.0						13.6	21.4	4.1	924
TOTALS		28.1			28.1						18.4	25.4	5.0	7414

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13923 FORBES FLD KS 63-70,73-74 SEP

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	40.5			19.0						11.9	28.7	4.5	897
	03-05	37.5			19.0						11.2	32.3	4.8	893
	06-08	25.6			22.0						14.3	37.9	5.7	892
	09-11	24.4			21.7						16.8	37.0	5.9	897
	12-14	19.5			26.7						19.3	34.5	6.0	898
	15-17	18.9			30.3						20.3	30.5	5.8	895
	18-20	26.9			25.9						18.3	28.8	5.3	898
	21-23	36.8			22.2						12.2	28.9	4.6	897
TOTALS		28.8			23.4						15.5	32.3	5.3	7167

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13920 FORBES FLD KS 63-70,73-74 OCT

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	47.5			19.3						9.4	23.9	3.8	929
	03-05	48.0			18.1						9.4	24.6	3.8	928
	06-08	34.5			20.9						12.0	32.6	5.0	930
	09-11	30.0			21.3						15.7	33.0	5.4	930
	12-14	27.9			23.1						19.4	29.6	5.4	928
	15-17	27.1			24.4						22.2	26.3	5.4	930
	18-20	34.3			23.4						16.1	26.2	4.8	929
	21-23	45.0			21.1						11.4	22.5	3.9	929
TOTALS		36.8			21.5						14.5	27.3	4.7	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3792 FORBES FLD KS 63-70,73-74 NOV

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	36.5			17.5						10.1	33.9	4.8	898
	03-05	39.3			14.8						9.8	36.2	4.9	899
	06-08	25.6			19.8						14.9	39.6	5.9	898
	09-11	22.2			17.4						15.8	44.6	6.4	900
	12-14	23.2			15.2						21.1	40.4	6.4	900
	15-17	19.7			19.3						20.8	40.1	6.5	897
	18-20	27.9			19.6						15.8	36.7	5.7	899
	21-23	37.4			16.7						10.8	35.1	5.0	900
TOTALS		29.2			17.5						14.9	38.3	5.7	7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

1792 FORBES FLD KS 63-70,73-74 DEC

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	32.0			14.4						8.6	45.0	5.7	929
	03-05	32.8			14.8						7.8	44.7	5.6	927
	06-08	23.9			14.4						13.0	48.7	6.5	929
	09-11	13.2			15.4						15.6	50.9	7.0	930
	12-14	16.3			16.8						14.1	52.9	7.1	929
	15-17	16.4			18.8						15.6	49.2	6.9	929
	18-20	25.8			18.5						11.0	44.6	6.0	925
	21-23	30.6			16.1						10.7	42.6	5.7	925
TOTALS		24.5			16.2						12.1	47.3	6.3	7423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13920 FORBES FLD KS 63-73,73-75 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	25.9			17.9						12.3	43.9	6.0	7435
FEB		27.7			18.7						12.0	41.6	5.8	6760
MAR		22.7			19.0						14.8	43.6	6.2	7425
APR		22.4			19.1						14.5	44.0	6.3	7179
MAY		19.1			25.4						18.1	37.5	6.1	7432
JUN		19.6			27.9						21.5	31.0	5.9	7187
JUL		24.8			33.0						20.6	21.7	5.0	7431
AUG		29.1			28.1						18.4	25.4	5.0	7414
SEP		28.8			23.4						15.5	32.3	5.3	7167
OCT		36.9			21.5						14.5	27.3	4.7	7433
NOV		29.2			17.5						14.9	38.3	5.7	7191
DEC		24.5			16.2						12.1	47.3	6.3	7423
TOTALS		25.8			22.3						15.8	36.2	5.7	87477

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

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

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN													
S D													
TOTAL OBS													

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION _____ STATION NAME _____ 42-47, 52-76 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
N						.2	.9	.1					.1
N					.2	4.4	12.7	7.2	.2	.1			2.0
N					1.6	13.	45.5	33.6	7.8	.7			.9
N				.1	1.6	1 .2	49.	77.9	64.1	23.0	2.		18.5
N					4.	2 .9	76.6	94.5	88.	43.9	9.3	.7	30.5
N			1.	1 .2	12.2	52.2	91.9	99.	96.2	64.3	21.3	2.8	.3	36.3
N		.1	.7	6.0	30.4	72.6	96.3	100.0	99.8	84.7	38.1	6.8	.9	44.3
N	.4	.4	1.	12.7	49.5	86.6	99.9		100.0	94.9	59.	14.6	1.6	51.2
N	.4	1.2	4.4	23.3	6 .6	96.7	100.			99.5	79.	28.2	4.0	58.4
N	.4	12.9	38.9	84.8	99.0					100.0	92.3	45.9	12.3	65.6	
N	.8	1 .3	47.2	8 .5	99.6						98.	53.5	16.5	68.9	
N	.8	33.1	68.3	95.5	99.9						97.3	68.7	30.0	76.1	
N	37.1	5 .6	77.1	99.3	1 0.0						99.7	85.3	52.4	83.3	
N	51.	66.0	87.7	99.6						100.	93.5	69.4	88.9		
N	61.6	78.	93.7	99.9							98.7	82.6	92.9		
N	76.	8 .6	97.5	100.0							98.6	90.3	96.6		
N	85.3	96.	98.4								99.6	95.2	97.9		
N	3.3	98.3	99.1								100.0	97.9	99.6		
N	7.3	99.9	99.9									99.7	99.7		
N	9.6		100.0									100.0	100.0		
N	10.0	100.0											100.0		
N															
N															
N															
N															
N															
N															
N															
N															
N															
N															
N															
MEAN	1 .	2 .0	51.	44.4	54.4	63.	68.5	66.6	57.9	47.	34.	23.7	44.5		
S.D.	11.401	10.32	11.055	7.167	8.144	6.37	5.401	5.756	7.944	9. 511	10.071	10.313	11.395		
TOTAL OBS.	1 23	47	1384	1290	1022	95	992	993	930	1025	990	1.35	11966		

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DAILY TEMPERATURES

[illegible] TAC
[illegible] AT [illegible] V[illegible] / AC
1[illegible] [illegible] FL[illegible]

STATION | STATION NAME | [illegible]42-4[illegible], 52-78 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥							.4						[illegible]
≥						[illegible]	[illegible].7	1.1					.4
≥						4.[illegible]	17.3	11.6	1.4	.1			2.9
≥					1.7	19.[illegible]	48.2	3[illegible].8	1[illegible].3	[illegible]			9.[illegible]
≥	[illegible]			1.[illegible]	11.7	48.1	77.3	67.2	25.2	2.[illegible]			1[illegible].2
≥	[illegible]		.3	[illegible].3	31.0	76.[illegible]	94.9	8[illegible].7	4[illegible].2	[illegible].7	[illegible]		2[illegible]
≥	[illegible]		2.4	1[illegible].7	52.9	9[illegible].6	99.6	97.7	69.2	25.7	1.6		37.6
≥		[illegible]	7.8	3[illegible].6	71.7	97.[illegible]	100.0	99.9	86.8	43.7	6.5	.4	45.3
≥	5	[illegible]	15.4	52.5	[illegible]7.8	99.[illegible]		100.0	95.7	64.[illegible]	15.5	1.5	52.5
≥		1.7	7.4	28.4	71.[illegible]	[illegible]6.6	100.[illegible]		99.1	82.[illegible]	2[illegible].9	4.5	59.[illegible]
≥	4	6.1	1[illegible].6	43.1	[illegible]5.9	99.1			100.0	92.4	47.7	12.0	66.[illegible]
≥	[illegible]	17.5	33.6	57.9	94.2	99.9				98.4	66.5	25.8	73.9
≥	3[illegible]	31.7	47.0	73.0	99.1	100.0				99.8	82.5	42.7	[illegible]1.1
≥	[illegible]	47.[illegible]	64.1	85.3	99.8					99.[illegible]	92.8	62.8	87.6
≥	2[illegible]	61.9	77.3	93.5	99.9					100.0	96.4	78.1	92.2
≥	2[illegible]	73.4	[illegible]3.5	96.8	1[illegible]						98.4	88.1	95.4
≥	1[illegible]	[illegible]2.7	[illegible]4.9	98.8							99.6	94.3	97.5
≥	1[illegible]	1.3	98.2	99.3							100.0	97.1	98.6
≥	5	[illegible]	99.3	99.8								99.5	99.6
≥	[illegible]	[illegible]	99.9	100.[illegible]								100.0	99.9
≥	[illegible]	100.0	100.0										100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	[illegible]	33.4	42.1	55.2	64.6	73.[illegible]	79.[illegible]	77.3	68.7	58.[illegible]	43.[illegible]	32.4	54.7
S.D	1[illegible].230	11.13[illegible]	12.097	[illegible].466	8.236	6.7[illegible]	5.7[illegible]7	6.139	8.[illegible]49	9.976	1[illegible].2791	[illegible].66[illegible]	[illegible]
TOTAL OBS.	[illegible]	4	1[illegible]4	[illegible]	1022	[illegible]	[illegible]	[illegible]83	[illegible]	1[illegible]	[illegible]	103[illegible]	11[illegible]

USAFETAC 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)

1720 FORBES FLD KS 42-49, 52-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42										84	78	57	
43	[illegible]	72	83	90	92	94	100	103	92	83	73	62	103
44	66	73	64	76	94	95	95	100	96	87	77	48	100
45	59	66	81	79	87	92	98	98	97	85	79	61	98
46	66	73	90	88	83*	101	104	104	90	83	67	73	104
47	64	72	76	86	88*	98						64	
48	65	69	76	93	85	97	94	102	95	81	71	65	98
49	57	60	73	85	86	95	98	96	86	95	76*	64	98
52		74	73	85	96	102	104	101	97	86	77	55	
53	63	65	84	92	94	106	100	100	104	93	74	57	106
54	61	77	79	88	88	100	111	102	102	95	75	62	111
55	60	56	81	86	89	93	104	99	100	84	73	65	104
56	67	66	83	93	97	101	103	107	102	92	74	70	107
57	69	63	75	79	82	92	100	99	90	83	69	65	100
58	57	70	60	87	91	98	93	99	96	85	75	59	99
59	59	61	74	86	89	97	96	97	94	76	73	69	97
60	[illegible]	56	75	86	88	99	99	102	93	85	72	65	102
61	61	72	73	88	87	97	100	94	94	82	73	64	100
62	54	72	81	85	92	91	96	102	91	95	72	67	102
63	63	66	84	84	90	96	100	105	94	96	77	68	105
64	61	59	73	84	95	90	104	105	89	90	79	58	105
65	67	66	65	89	86	96	96	99	90	89	76	66	99
66	55	62	85	83	90	93	102	95	87	84	75	69	102
67	70	71	84	85	92	88	102	93	88	87	69	60	102
68	64	60	83	81	89	95	95	95	90	87	69	63	95
69	57	53	80	80	87	94	97	100	95	88	69	59	100
70	59	68	74	88	86	94	105	107	99	83	69	66	107
71	60	65	78	84	87	97	96	96	96	87	73	58	97
72	57	82	82	87	85	93	98	99	95	88	67	64	99
73	62	62	70	81	88	99	96*	94		86	75	69	
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17[illegible] STATION — [illegible] FLD KS STATION NAME — 42-49, 52-78 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	[illegible]*	61	[illegible]	[illegible]1*	90	98	106	94	86	77	68*	57	106
75	56	56	75	85	91	89	98	103	103	89	74*	67	103
76	* [illegible]	77	77	95	82	94	103	103	92	94	76	54	103
77	43	75	74	[illegible]3	87	95	101	96	88	82	65	62	101
7[illegible]	4[illegible]	44	87										
MEAN	6[illegible].1	65.9	77.3	85.1	88.8	95.3	99.8	99.7	93.9	85.7	73.1	62.9	101.6
S.D.	6.13[illegible]	7.954	6.718	3.8[illegible]6	3.819	4.002	4.067	3.840	5.029	4.647	3.766	4.735	3.765
TOTAL OBS	1022	947	1054	990	1022	980	992	983	930	1023	990	1035	11968

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

17-2 STATION — FT RILEY FLD KS STATION NAME — 42-49, 52-78 YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT[illegible] WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

1[illegible]2 [illegible] FLD KS 42-49, 52-7[illegible]
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	-1[illegible]*	12	14	32*	45	53	61	55	40	34	23*	15	-17
75	[illegible]	2	1[illegible]	12	41	5[illegible]	55	60	42	31	12*	5	2
76	* -[illegible]	12	12	36	33	51	57	57	44	27	3	-9	-9
77	-	9	1[illegible]	32	44	57	57	5[illegible]	52	35	15	3	-[illegible]
7	-	-1	-2										
MEAN	-3.[illegible]	4.6	11.1	26.[illegible]	38.8	52.1	57.9	55.7	43.6	30.3	16.5	4.0	-5.8
S.D.	6.[illegible]78	7.045	8.397	4.8[illegible]5	4.786	3.730	3.719	3.609	3.845	4.613	6.325	7.9[illegible]6	4.675
TOTAL OBS	1022	947	1054	990	1022	98[illegible]	992	983	930	1023	990	1035	11968

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

1[illegible] FORBES FLD KS 63-70,74-75 JA[illegible]
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible]

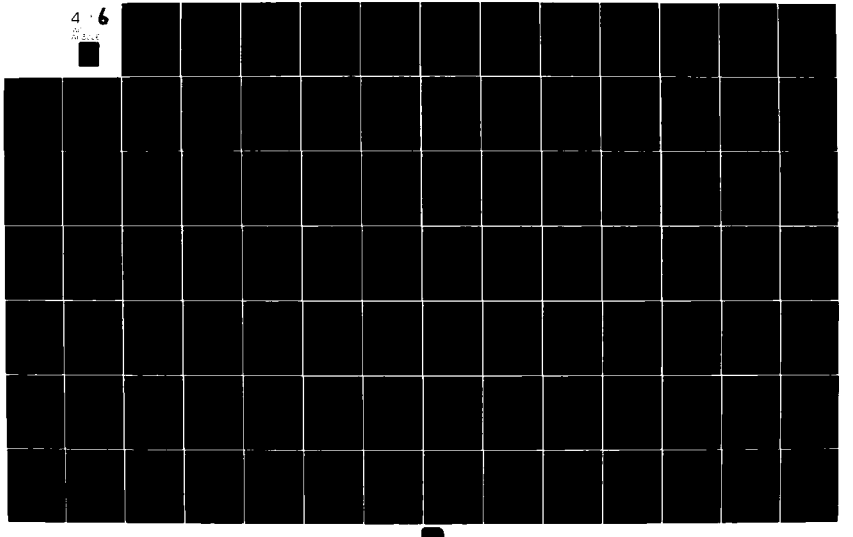
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew
[illegible]2/ 61			.2															2	2		
[illegible]/ 59		.3	.4															7	7		
[illegible]/ 57																				7	
5[illegible]/ 55				.1	.1													2	2	2	
[illegible]4/ 53		.3	.1															4	4	1	
[illegible]2/ 51																				2	
5[illegible]/ 49	.1	.6	.3		.1													11	11	5	
[illegible]/ 47		.1	.2	.1	.1													5	5	5	
4[illegible]/ 45		1.0	.1	.2														12	12	8	
[illegible]4/ 4[illegible]		.6	.1	.5	.2													14	14	9	
[illegible]2/ 41		1.0	.5	1.1		.1												25	25	8	
4[illegible]/ 39	.8	2.0	1.4	.8	.2													48	48	24	
3[illegible]/ 37	.5	1.1	2.0	.3	.1													38	38	37	
[illegible]/ 35		1.7	2.4	.3	.3													44	44	38	
3[illegible]/ 33		3.5	3.2	1.0	.1													73	73	44	
[illegible]2/ 31	.9	2.6	3.1	.9														69	69	76	
[illegible]/ 29	.5	4.6	1.9															66	66	64	
[illegible]/ 27	.2	3.5	1.5															49	49	64	
[illegible]/ 25	.4	2.6	.8															35	35	56	
2[illegible]/ 23	.3	2.5	.4															30	30	37	
[illegible]2/ 21	.5	2.9	.2															34	34	39	
[illegible]/ 19	.4	4.3	.8															51	51	37	
1[illegible]/ 17	.4	2.5	.6															33	33	45	
1[illegible]/ 15	.8	2.6	.2															33	33	33	
1[illegible]/ 13	.6	3.7	.1															41	41	44	
1[illegible]/ 11	.3	3.5																36	36	[illegible]2	
1[illegible]/ 9	1.1	2.3	.1															32	32	44	
[illegible]/ 7	.1	3.2																31	31	23	
[illegible]/ 5	.1	2.8																27	27	36	
[illegible]/ 3	.5	1.2																16	16	21	
[illegible]/ 1	.5	1.1																15	15	18	
[illegible]/ -1	1.2	.3																14	14	1[illegible]	
-[illegible]/ -3	.4	1.3																16	16	11	
-[illegible]/ -5	.4	.4																[illegible]	8	14	

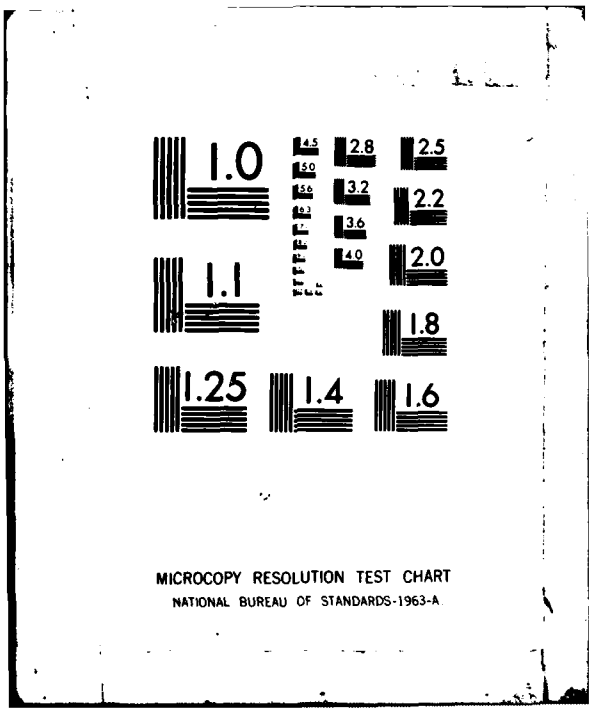
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tota
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A113 226 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL

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1.1
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13712 | FORBES FLD KS | 63-70,74-75 | JAN

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL 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				
- / -7	.5	.2																7	7	7	15
- / -9	.2																	2	2	4	9
- / -11																					11
-1 / -13																					6
-1 / -15																					14
-1 / -17																					9
- / -19																					2
- / -21																					3
TOTAL	12.0	60.4	20.9	5.3	1.3	.1												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5192912	68548	73.7	12.294	930							
Dry Bulb	721845	22633	24.3	13.569	930	4.7	64.5					93
Wet Bulb	620413	20835	22.4	12.860	930	5.1	74.0					93
Dew Point	463061	15711	16.9	14.586	930	13.2	82.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17420 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 61			.3															3	3		
[illegible] / 59		.3	.3															6	6		
/ 57																				0	3
5[illegible] / 55		.1																1	1	3	3
[illegible]4 / 53		.3	.2															5	5	1	3
[illegible]4 / 51		.3	.3															6	6	3	1
5[illegible] / 49		.4																4	4	5	4
4[illegible] / 47		.5	.2	.1	.2													10	10	11	9
4[illegible] / 45			.1	.2														3	3	1	7
44 / 43			.1	.6														7	7	2	
42 / 41		1.3	.3	.6														21	21	8	
4[illegible] / 39	.9	.8	.4	.6														25	25	25	14
3[illegible] / 37	.5	1.9	1.3	.5														40	40	24	14
3[illegible] / 35	.1	1.9	2.3	.8														47	47	28	19
34 / 33	.2	3.4	2.2	.6	.1													61	61	45	19
32 / 31	1.3	3.3	2.2	.3														66	66	75	37
[illegible] / 29	.8	3.0	2.4															57	57	63	41
2[illegible] / 27	.4	5.8	1.2															69	69	59	57
[illegible] / 25	.5	4.7	1.0															58	58	80	58
24 / 23	.3	2.5	.3															29	29	56	52
22 / 21	.6	2.2	.8															33	33	32	56
2[illegible] / 19	.9	3.4	.3															43	43	44	55
1 / 17	.4	2.7	.4															33	33	29	52
1[illegible] / 15	.1	4.0																38	38	42	39
1[illegible] / 13	.3	2.8																29	29	36	37
1[illegible] / 11	1.2	3.2	.1															42	42	36	31
10 / 9	.5	3.4																37	37	43	45
[illegible] / 7	1.3	3.1																41	41	40	28
[illegible] / 5	.3	1.8																20	20	29	30
[illegible] / 3	.5	2.8																31	31	25	39
[illegible] / 1	.3	.9																11	11	23	34
[illegible] / -1	1.0	.3																12	12	11	19
-2 / -3	.9	.6																14	14	15	27
-[illegible] / -5	.4	.4																8	8	9	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 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN 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				
- / -7	1.2	.2																13	13	14	15
-8 / -9	.5																	5	5	5	8
-10 / -11	.1																	1	1	1	11
-12 / -13	.1																	1	1	1	9
-14 / -15																					7
-16 / -17																					11
-18 / -19																					9
-20 / -21																					3
-24 / -25																					1
TOTAL	15.8	62.7	16.7	4.5	.3														930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5420494	70090	75.4	12.193	930							
Dry Bulb	667142	21452	23.1	13.619	930	5.4	69.1					93
Wet Bulb	583188	19906	21.4	13.005	930	5.6	76.8					93
Dew Point	448389	15084	16.2	14.809	930	14.1	83.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN 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. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6 / 61			.3															3	3	
6 / 59			.3															3	3	
5 / 57																			4	
5 / 55																			2	3
4 / 53		.2	.1															3	3	3
2 / 51		.3	.2															5	5	2
50 / 49		.5																5	5	5	3
4 / 47		.5		.1	.3													9	9	9	6
4 / 45		.1		.2	.1													4	4	3	9
44 / 43	.1	.2	.3	.1														7	7	2	2
42 / 41		1.0	.4	.4	.1													18	18	8	2
40 / 39	.6	1.0	.5	.2														22	22	22	14
3 / 37	.3	2.2	.5	.4														32	32	17	10
3 / 35	.3	2.2	1.5	.2														39	39	35	18
34 / 33	.3	1.7	3.1	.3														51	51	42	23
32 / 31	.9	4.0	2.9	.2														74	74	40	30
30 / 29	1.0	2.6	1.8															50	50	92	42
28 / 27	.8	5.3	1.7															72	72	50	57
26 / 25	.4	5.2	.9															60	60	66	47
24 / 23	.5	3.2	.4															39	39	71	55
22 / 21	.8	2.3	.2															30	30	38	52
20 / 19	1.6	3.2																45	45	44	50
18 / 17	1.2	2.9	.2															40	40	41	66
16 / 15	.3	5.1	.2															52	52	37	58
14 / 13	.3	4.0																40	40	49	32
12 / 11	.8	3.0																35	35	37	27
10 / 9	.4	3.1																33	33	39	50
8 / 7	.8	2.6																31	31	35	32
6 / 5	.8	2.3																28	28	24	27
4 / 3	1.2	1.8																28	28	32	49
2 / 1	.4	.8																11	11	20	29
0 / -1	.5	.2																7	7	8	25
-2 / -3	1.6	.9																23	23	22	12
-4 / -5	.3	.3																6	6	8	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-5/ -7	1.3																	12	12	13	19
- / -9	1.1																	10	10	10	13
-1/-11																					9
-1 /-13	.3																	3	3	3	9
-14/-15																					7
-1 /-17																					18
- /-21																					5
- 2/-23																					5
-24/-25																					2
TOTAL	1 .9	62.5	15.8	2.3	.5														930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5503225	70691	76.0	11.824	930							
Dry Bulb	623250	20604	22.2	13.398	930	6.1	72.9					93
Wet Bulb	547326	19184	20.6	12.774	930	6.4	77.9					93
Dew Point	423123	14467	15.6	14.602	930	14.0	84.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
67/ 63			.1															1	1		
65/ 61			.1	.1														2	2		
63/ 59				.2		.1												3	3	2	
61/ 57																					2
59/ 55		.1	.2	.1														4	4	2	1
57/ 53		.1	.2															3	3	2	1
55/ 51		.2			.2	.1												5	5	4	
53/ 49		.5		.2	.4													11	11	7	4
51/ 47		.1		.3	.3													7	7	4	10
49/ 45		1.0	.2	.5	.3	.2												21	21	3	2
47/ 43	.2	.2	.9	.6	.3													21	21	16	11
45/ 41		1.3	.9	.9	.9	.1												37	37	16	4
43/ 39	.3	.6	2.6	1.2	.5	.1												50	50	31	8
41/ 37	.1	1.6	1.3	1.4	.4													45	45	30	11
39/ 35	.2	1.7	1.7	1.6	.2													51	51	51	22
37/ 33	.3	3.0	2.6	.8														62	62	55	29
35/ 31	.5	2.8	2.3	1.0	.1													62	62	73	49
33/ 29	.4	2.7	2.0	.6														54	54	79	52
31/ 27	.3	3.2	2.2	.3														56	56	52	48
29/ 25	.1	3.5	1.3															46	46	59	55
27/ 23	.2	2.2	.5	.1														28	28	52	48
25/ 21	.9	3.7	.6															48	48	44	56
23/ 19	.3	3.4	1.0															44	44	39	60
21/ 17	.4	3.1	.4															37	37	45	54
19/ 15	.2	2.5	.5															30	30	39	49
17/ 13	.4	3.5	.4															41	41	30	44
15/ 11		2.7	.1															26	26	43	30
13/ 9	.6	2.2	.2															28	28	29	36
11/ 7	.1	1.8	.1															19	19	19	27
9/ 5	.3	1.8																20	20	23	41
7/ 3	.1	1.1																11	11	17	30
5/ 1	.3	1.3																15	15	18	19
3/ -1	.8	.6																13	13	11	18
1/ -3	.6	.6																12	12	15	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5	.1	.4																5	5	5	16
-6/ -7	.3	.4																7	7	8	12
-8/ -9	.3																	3	3	5	9
-10/-11	.1																	1	1	1	14
-12/-13	.1																	1	1	1	9
-14/-15																					8
-16/-17																					5
-18/-19																					3
-20/-21																					1
-22/-23																					1
-24/-25																					5
-26/-27																					2
TOTAL	.9	54.2	22.5	10.0	3.8	.6												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4797267	65503	70.4	14.061	930							
Dry Bulb	792278	24046	25.9	13.549	930	4.2	60.7					93
Wet Bulb	658229	21807	23.4	12.574	930	4.6	70.7					93
Dew Point	467762	15950	17.2	14.459	930	12.5	82.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN 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
68 / 67							.2	.1										3	3		
66 / 65						.1		.1	.2									4	4		
64 / 63					.1	.1	.2	.3	.1									8	8		
62 / 61		.1				.1		.2	.2									6	6		
60 / 59					.1		.1	.1										3	3	1	
58 / 57		.3			.2	.1	.4			.1								11	11	3	1
56 / 55		.2		.1		.9	.1	.1	.1									14	14	6	3
54 / 53		.2		.2	.4	.4	.6											18	18	6	2
52 / 51		.4	.2	.2	.4	.4	.3											19	19	7	3
50 / 49	.1	.2	.3	.3	.9	.9	.2	.3										30	30	12	5
48 / 47	.1	.3	.1	.9	1.1	.8	.4											34	34	11	6
46 / 45	.1	.2	1.0	.4	1.3	1.2	.5											44	44	28	4
44 / 43		.3	.8	1.7	1.5	1.1	.2											52	52	20	12
42 / 41		.2	1.1	1.2	1.4	.5												41	41	39	5
40 / 39	.1	.3	1.1	1.4	1.6	.3												39	39	44	12
38 / 37	.3	.5	1.6	1.9	.6													48	48	55	21
36 / 35	.3	1.0	2.0	1.6	.5	.1												52	52	62	31
34 / 33	.3	1.6	1.9	2.0	.4													59	59	67	33
32 / 31	.3	1.3	1.5	1.4	.1													43	43	70	41
30 / 29	.4	2.8	2.2	.5														55	55	63	57
28 / 27	.1	1.4	1.5	.8														35	35	57	59
26 / 25	.1	1.3	1.5	.5														32	32	50	65
24 / 23		1.1	1.7	.2														28	28	32	56
22 / 21	.2	2.4	1.1															34	34	32	39
20 / 19	.4	2.3	1.1	.1														36	36	45	50
18 / 17	.2	.5	1.2															18	18	33	55
16 / 15	.1	1.5	1.8															32	32	19	46
14 / 13	.2	3.3	.3															36	36	33	45
12 / 11		1.5	.9															22	22	39	36
10 / 9		.8	.5															12	12	20	37
8 / 7		1.6	.2															17	17	16	15
6 / 5	.1	1.1																11	11	16	32
4 / 3	.2	.9																10	10	12	27
2 / 1	.1	.9																9	9	11	27

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 | FORBES FLD KS | 63-70,74-75 | JAN
STATION | STATION NAME | YEARS | 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				
0 / -1	.3	.5																6	8	8	14
-2 / -3	.1	.5																6	6	7	21
-4 / -5		.1																1	1	3	15
-6 / -7																				1	17
-8 / -9																					13
-10 / -11																					5
-12 / -13																					6
-14 / -15																					4
-16 / -17																					4
-18 / -19																					3
-20 / -21																					1
-22 / -23																					2
-24 / -25																					1
TOTAL	4.4	31.7	25.6	15.6	10.2	7.0	3.4	1.3	.6	.1									930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3667704	56184	60.4	17.157	930							
Dry Bulb	1156070	29818	32.1	14.674	930	1.5	44.5	.3				93
Wet Bulb	864569	25815	27.8	12.622	930	1.9	56.9					93
Dew Point	517363	17541	18.9	14.169	930	10.5	79.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12923 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 1	.1	1.0																10	10	9	18
1 / -1	.2	.2																4	4	7	24
-2 / -3	.1	.1																2	2	4	10
-4 / -5																					18
-6 / -7																					24
-8 / -9																					6
-10 / -11																					8
-12 / -13																					3
-14 / -15																					4
-16 / -17																					3
-18 / -19																					3
-20 / -21																					2
TOTAL	2.4	29.6	23.9	17.7	12.0	6.1	4.4	1.8	1.6	.4									930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3454458	54282	58.4	17.550	930							
Dry Bulb	1250801	31225	33.6	14.761	930	.6	40.5	.7				93
Wet Bulb	917763	26789	28.8	12.540	930	1.1	52.8					93
Dew Point	532186	17956	19.3	14.131	930	10.5	79.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

PAGE 1 1800-2100 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
≥ 61		.1			.1													2	2		
60 / 59		.2		.3	.1		.1	.1										8	9	1	
58 / 57				.1		.1	.1											3	3	2	3
56 / 55						.2												2	2	1	
54 / 53		.2	.2			.3	.1											8	8	6	
52 / 51	.2	.3	.3	.1	.2		.2											13	13	4	5
50 / 49	.1	.6	.4		.3	.3		.1										18	18	10	9
48 / 47		.3	.3	.8	.5	.1												19	19	10	9
46 / 45		.4	.3	1.0	.4	.1	.2											23	23	9	9
44 / 43		.9	.3	1.5	.9	.3	.1											37	37	17	5
42 / 41	.3	1.4	.9	1.5	.5	.4												47	47	26	14
40 / 39	.2	.6	1.8	1.4	.3	.6												47	47	34	8
38 / 37		1.6	2.8	1.3	.5													58	58	38	18
36 / 35		1.6	3.3	1.1	.2													58	58	56	15
34 / 33	.2	3.0	2.9	1.0														66	66	74	26
32 / 31	.2	2.0	1.7	1.5	.4													55	55	83	46
30 / 29	.3	3.0	2.0	.4	.1													55	55	72	62
28 / 27	.2	1.4	2.7	.1														41	41	51	76
26 / 25	.1	2.8	2.4	.1														50	50	44	61
24 / 23		2.8	.6	.1														33	33	60	45
22 / 21	.9	2.2	1.1															38	38	57	38
20 / 19	.1	2.0	.8															27	27	23	51
18 / 17	.1	2.9	1.5															42	42	33	55
16 / 15	.3	2.4	.1															26	26	37	57
14 / 13		1.5	.3															17	17	32	36
12 / 11		2.3	.3															24	24	16	39
10 / 9	.1	3.2	.1															32	32	26	26
8 / 7	.1	2.2																21	21	33	31
6 / 5	.2	1.7																18	18	23	27
4 / 3	.3	1.2																14	14	18	26
2 / 1	.1	.9																9	10	13	22
0 / -1	.5	.5																10	10	8	22
-2 / -3	.3	.4																7	7	9	16
-4 / -5	.1																	1	1	3	24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | FORBES FLD KS (STATION NAME) | 63-70,74-75 (YEARS) | (MONTH)

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
- / -7																				1
- / -9																				1
- / -11																				
-1 / -13																				
-1 / -15																				
-1 / -17																				
-1 / -19																				
TAL	.2	46.	82	7.3	12.3	4.7	2.6	.9	.2									930		929
																	929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4402413	62413	67.2	15.019	929							
Dry Bulb	939571	26809	28.8	13.398	930	1.8	52.1					≥ 3
Wet Bulb	757102	23982	25.8	12.195	929	2.0	64.2					≥ 3
Dew Point	509235	17419	18.8	14.0.8	929	11.2	81.1					≥ 3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6[illegible]/ 61			.1	.1													2	2		
[illegible]/ 59		.3	.1	.1													5	5		
[illegible]/ 57			.1	.1			.1										3	3	4	3
5[illegible]/ 55		.3				.2											5	5	3	
[illegible]4/ 53		.1															1	1	5	3
[illegible]2/ 51		.2															2	2	1	6
5[illegible]/ 49	.3	.6	.5														14	14	8	5
[illegible]/ 47			.2	.4	.3												9	9	7	4
4[illegible]/ 45		.6	.3	.5	.3	.2											19	19	5	6
[illegible]4/ 43		.6	.4	.8	.3	.3											23	23	12	4
4[illegible]/ 41	.1	1.4	.6	.4	.3	.1											28	28	15	10
[illegible]/ 39	.3	1.1	2.2	1.4	.4												50	50	24	13
3[illegible]/ 37	.6	1.4	2.2	1.3	.8												58	58	37	19
[illegible]/ 35		1.6	2.8	.8	.5												53	53	44	16
3[illegible]/ 33		3.4	3.1	.6													67	67	58	16
[illegible]/ 31	.6	2.8	2.9	.5													64	64	85	34
[illegible]/ 29	.9	3.5	2.7	.1	.1												68	68	84	64
2[illegible]/ 27	.2	2.5	.4	.2													31	31	66	71
[illegible]/ 25	.4	2.6	1.6	.1													44	44	46	66
2[illegible]/ 23	.3	4.1	.2														43	43	38	47
2/ 21	.6	3.5	.6														45	45	65	50
[illegible]/ 19	.3	2.7	.5														33	33	32	44
1 / 17	.3	2.0	.9														30	30	34	58
1[illegible]/ 15	.6	3.8	.1														42	42	32	57
1[illegible]/ 13	.3	2.9	.4														34	34	47	37
1[illegible]/ 11	.4	1.7	.1														21	21	29	46
1 / 9	.2	1.9	.2														22	22	21	33
[illegible]/ 7	.1	2.8															27	27	26	42
[illegible]/ 5	.5	2.3															26	26	32	31
4/ 3	.2	1.9															20	20	20	14
[illegible]/ 1	.2	1.0															11	11	16	25
[illegible]/ -1	.9	.3															11	11	12	29
-[illegible]/ -3	.3	.9															11	11	9	21
-[illegible]/ -5	.4	.4															8	8	13	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] FORBES FLD KS 63-70,74-75
STATION STATION NAME YEARS

PAGE 2 21 [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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
-[illegible]/ -7																					[illegible]
-[illegible]/ -9																					[illegible]
-1[illegible]/-11																					[illegible]
-1[illegible]/-13																					[illegible]
-1[illegible]/-15																					[illegible]
-1[illegible]/-17																					[illegible]
TOTAL	[illegible]	55.5	23.4	7.5	3.1	.9	.1											930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4911223	66429	71.4	13.378	930							
Dry Bulb	810643	24519	26.4	13.295	930	3.0	59.1					93
Wet Bulb	680226	22350	24.0	12.411	930	3.4	70.7					93
Dew Point	485361	16737	18.0	14.079	930	12.4	82.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 69							.0	.0	.0									3	3		
6 / 67						.0	.0	.0	.0	.0								7	7		
6 / 65						.0	.0	.0	.1	.0								10	10		
4 / 63			.0		.0	.0	.0	.0	.1									16	16		
2 / 61		.0	.1	.0	.0	.0		.0	.0									24	24		
1 / 59		.2	.1	.1	.0	.0	.1	.1		.0								48	48	7	
5 / 57		.0	.0	.0	.1	.0	.1			.0								23	23	32	18
5 / 55		.1	.0	.1	.0	.2	.1	.0	.1									45	45	22	13
4 / 53		.2	.1	.0	.2	.1	.2	.0										68	68	23	17
2 / 51	.0	.3	.2	.1	.2	.1	.1	.0										73	73	33	20
50 / 49	.1	.5	.2	.1	.4	.2	.0	.1										127	127	70	36
4 / 47	.0	.2	.2	.4	.5	.2	.1	.0										132	132	78	58
4 / 45	.0	.4	.3	.5	.4	.3	.3											170	170	80	45
4 / 43	.0	.4	.5	.9	.6	.3	.0											210	210	105	55
2 / 41	.1	1.0	.7	1.0	.5	.2												260	260	169	50
4 / 39	.4	.9	1.5	1.1	.4	.2												332	332	249	93
3 / 37	.3	1.3	1.7	1.1	.5	.0												368	368	288	137
3 / 35	.1	1.6	2.2	1.0	.4	.0												393	393	385	154
34 / 33	.2	2.7	2.6	1.0	.1	.0												497	497	459	199
2 / 31	.6	2.6	2.2	.9	.1													474	474	563	298
2 / 29	.5	3.0	2.2	.3	.0													447	447	570	461
2 / 27	.3	3.1	1.5	.3														389	389	483	494
2 / 25	.3	3.1	1.3	.2														357	357	453	461
2 / 23	.2	2.4	.7	.1														254	254	373	413
2 / 21	.6	2.6	.8	.0														303	303	337	373
2 / 19	.5	2.8	.7	.0														301	301	302	410
1 / 17	.4	2.2	.8															257	257	287	436
1 / 15	.3	2.9	.5															279	279	265	419
1 / 13	.3	2.8	.3															257	257	299	307
1 / 11	.4	2.5	.3															238	238	260	263
1 / 9	.4	2.2	.2															209	209	247	288
/ 7	.3	2.4	.1															206	206	206	229
/ 5	.3	1.9																163	163	211	259
/ 3	.4	1.4																135	135	154	242

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | JAN MONTH

 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ 1	.3	1.0																91	92	128	207
/ -1	.7	.4																79	79	80	181
-0/ -3	.6	.7																91	91	92	140
-2/ -5	.2	.3																37	37	55	134
-6/ -7	.4	.1																39	39	43	145
-8/ -9	.3																	20	20	24	80
-10/-11	.0																	2	2	2	69
-12/-13	.1																	5	5	5	58
-14/-15																					38
-16/-17																					63
-18/-19																					22
-20/-21																					15
-22/-23																					6
-24/-25																					9
-26/-27																					2
TOTAL	.6	50.4	22.0	9.4	4.5	2.2	1.1	.4	.3	.1									7440		7439
																		7439		7439	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	37349696	514140	69.1	15.623	7439							
Dry Bulb	6961600	201106	27.0	14.321	7440	27.3	463.4	1.0				744
Wet Bulb	5628816	180668	24.3	12.917	7439	30.1	544.0					744
Dew Point	3846471	130865	17.6	14.409	7439	98.4	654.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

 0000-0230 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
[illegible] / 57			.2			.1												3	3		
56 / 55		.6	.1			.2												8	8		
54 / 53		.1				.2	.1											4	4	9	5
52 / 51			.2	.1	.4		.1											7	7		2
50 / 49		.4	.2	.1	.1	.1												8	8		2
48 / 47					.1	.4	.1											5	5	8	
46 / 45			.1	.8	.4	.1												12	12	4	3
44 / 43			.7	.7	.6	.1												18	18	6	4
42 / 41	.2	.1	1.1	2.5	.1													34	34	8	3
40 / 39	.4	.5	2.2	.7	.7													38	38	19	4
38 / 37	.2	1.2	3.1	.6	.5													47	47	40	9
36 / 35	.5	1.5	3.1	1.7	.5													61	61	56	22
34 / 33	.2	3.2	3.4	1.8	.1													74	74	57	17
32 / 31	.5	3.6	3.9	1.5														80	80	71	50
30 / 29	.4	3.9	2.8	.6														65	65	88	48
28 / 27	.2	3.7	1.7															47	47	77	56
26 / 25	.2	4.1	2.2	.1														57	57	72	74
24 / 23		3.1	2.5	.2														49	49	52	57
22 / 21	.5	3.2	1.7															45	45	42	59
20 / 19	.4	3.3	.6															36	36	49	74
18 / 17	.6	4.0	1.4															51	51	55	49
16 / 15		1.8	.6															20	20	30	54
14 / 13	.2	2.2	.1															22	22	32	41
12 / 11	.2	1.8	.1															18	18	23	40
10 / 9	.2	2.0	.4															22	22	20	41
8 / 7	.1	.5																5	5	16	29
6 / 5		.6																5	5	2	26
4 / 3		.2																2	2	6	25
2 / 1		.2																2	2	3	17
0 / -1																					12
-2 / -3																					2
-4 / -5																					6
-6 / -7																					10
-8 / -9																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	5.1	45.8	32.5	11.5	3.4	1.3	.4											845	845	845	845

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.	4236287	58679	69.4	13.831	845							
Dry Bulb	799014	24496	29.0	10.263	845		52.3					64
Wet Bulb	652631	22125	26.2	9.321	845		63.4					64
Dew Point	426737	16691	19.8	10.723	845	3.4	76.9					64

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1762J STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59							.1											1	1	
[illegible] / 57						.2												2	2	
5[illegible] / 55			.4															3	3	
[illegible]4 / 53	.1	.4																4	4	2	1
[illegible]2 / 51			.4		.1	.1												5	5	5	2
5[illegible] / 49		.1	.6		.1													7	7		4
4[illegible] / 47		.1		.2	.1	.4												7	7	9	
4[illegible] / 45				.2	.4													5	5	4	4
[illegible]4 / 43		.2	.5	.7	.1	.1												14	14	4	6
[illegible]2 / 41	.6	.1	.8	1.5	.5													30	30	9	6
4[illegible] / 39	.1	.2	1.5	.2														18	18	10	2
3[illegible] / 37	.4	.5	1.3	1.5	.2													33	33	27	3
3[illegible] / 35	.4	2.6	3.0	1.7	.1													65	65	33	22
34 / 33	.4	2.1	4.3	1.7	.4													74	74	49	14
[illegible]2 / 31	.8	4.1	3.7	1.1														82	82	72	29
[illegible] / 29	1.1	3.7	1.4	.4														55	55	106	45
[illegible] / 27	.5	6.4	2.0	.1														76	76	69	47
[illegible] / 25		5.4	2.1															64	64	83	87
24 / 23		3.2	1.4															39	39	59	62
[illegible]2 / 21	1.1	3.0	.9															42	42	49	68
[illegible] / 19	.4	3.2	.4															33	33	39	72
[illegible] / 17	.9	3.9	.8															48	48	46	51
[illegible] / 15	.4	3.1	.1															30	30	42	60
14 / 13	.6	3.0	.1															31	31	30	33
[illegible] / 11	.7	2.6																28	28	30	44
[illegible] / 9		1.9	.1															17	17	18	49
[illegible] / 7	.1	2.1																19	19	21	22
[illegible] / 5	.2	.5																6	6	13	29
[illegible] / 3		.9																8	8	9	22
[illegible] / 1																				2	23
[illegible] / -1																					10
-[illegible] / -3																					8
-[illegible] / -5																					10
-[illegible] / -7																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
-0 / -9																				1
-10 / -13																				
TOTAL	.6	53.3	25.8	9.3	2.0	.8	.1											846		846
																	846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4519238	60858	71.9	12.933	846							
Dry Bulb	719572	23096	27.3	10.265	846		57.4					84
Wet Bulb	599012	21068	24.9	9.380	846		68.9					84
Dew Point	401873	16117	19.1	10.594	846	3.9	77.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
59 / 55			.1															1	1		
4 / 53			.2															2	2		
52 / 51		.2	.4															5	5	3	
50 / 49		.2	.2			.1												5	5	2	1
48 / 47			.2			.2												4	4	7	4
46 / 45		.2	.2	.2	.1													7	7		5
44 / 43			.6	.2														7	7	5	2
42 / 41	.2	.8	.5	.9	.4													24	24	7	5
40 / 39	.5	.4	.7	.5	.2													19	19	21	7
38 / 37		.9	2.1	1.2	.1													37	37	10	10
36 / 35	.8	1.8	1.7	1.5	.1													50	50	34	14
34 / 33	.2	2.5	2.7	2.0	.2													65	65	48	14
32 / 31	1.1	3.4	2.7	.6														66	66	57	21
30 / 29	1.5	6.1	2.6	.2														89	89	92	58
28 / 27	.4	5.7	1.4	.1														64	64	84	34
26 / 25		6.1	1.2															62	62	79	57
24 / 23	.1	4.5	.6	.1														45	45	73	77
22 / 21	.6	2.8	1.1	.1														39	39	36	83
20 / 19	.8	5.3	.5															56	56	44	77
18 / 17	1.1	2.2	.7															34	34	52	45
16 / 15	.4	3.1	.2															31	31	35	54
14 / 13	1.2	2.6	.1															33	33	37	46
12 / 11	.2	4.4	.1															40	40	36	37
10 / 9	.2	2.1																20	20	33	36
8 / 7	.2	1.5																15	15	19	28
6 / 5	.4	1.2																13	13	15	32
4 / 3	.1	.6																6	6	8	27
2 / 1		.6																5	5	7	25
0 / -1	.1	.1																2	2	1	12
-2 / -3																				1	12
-4 / -5																					11
-6 / -7																					8
-8 / -9																					3
-10 / -11																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	10.2	59.6	20.9	7.8	1.2	.4												846	846	846	846
																		846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4727453	62343	73.7	12.560	846							
Dry Bulb	658930	22000	26.0	10.137	846	.2	61.6					04
Wet Bulb	558745	20225	23.9	9.436	846	.2	70.4					04
Dew Point	383706	15582	18.4	10.698	846	4.7	77.8					04

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
≥ 87 / 61									.1									1	1	
86 / 59				.2														2	2	
85 / 57			.2	.1		.1		.2										6	6	
84 / 55				.1			.1	.1										3	3	1
83 / 53		.2				.1	.4											6	6	4
82 / 51		.2	.1		.5	.4	.6											15	15	3 3
81 / 49		.1	.5	.1	.5	.6	.5											19	19	2 5
80 / 47		.2	.1	.2	.2	.9	.2											17	17	3 1
79 / 45		.2	.1	1.1	1.2	.5												26	26	9 2
78 / 43	.1	.4	.5	.7	1.1	1.1												32	32	14 3
77 / 41		.6	.8	2.0	1.2	.2												41	41	23 7
76 / 39	.1	.5	1.8	1.9	.7	.1												43	43	29 6
75 / 37	.6	1.4	1.8	1.9	.6													53	53	56 16
74 / 35	.2	2.7	3.0	1.5	.1													64	64	55 23
73 / 33	.4	2.2	3.0	1.1														56	56	80 26
72 / 31	.1	3.0	3.0	.9														59	60	73 34
71 / 29	.1	3.2	2.2	1.1	.1													57	57	65 59
70 / 27	.4	5.9	2.1	.5														75	75	73 59
69 / 25	.1	2.8	2.1	.9														51	51	64 55
68 / 23	.4	1.9	1.7	.5														37	37	52 86
67 / 21	.2	1.1	1.8	.6														31	31	41 79
66 / 19	.1	3.3	1.3	.4														43	43	33 68
65 / 17	.4	2.1	1.1	.1														31	31	52 40
64 / 15	.1	2.4	.5															25	25	37 39
63 / 13		1.8	.1															16	16	28 28
62 / 11		1.1	.1															10	10	12 33
61 / 9		.9	.2															10	10	9 34
60 / 7	.1	.6	.1															7	7	13 36
59 / 5		.6																5	5	7 16
58 / 3		.2																2	2	4 29
57 / 1		.1																1	1	2 14
56 / -1	.1																	1	1	1 13
-. / -3																				7
-4 / -5																				4

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
-5 / -7																			
-3 / -9																			
-1 / -11																			
-1 / -13																			
-1 / -15																			
-1 / -17																			
TOTAL	3.6	39.9	28.2	16.0	6.2	4.0	1.8	.4	.1								846		845
																	845	845	

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.	3832840	55196	65.3	16.414	845							
Dry Bulb	923532	26412	31.2	10.821	846	.1	45.9					54
Wet Bulb	722710	23382	27.7	9.471	845	.1	56.3					64
Dew Point	448926	16996	20.1	11.263	845	4.4	74.9					54

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2[illegible] STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69											.1	.2						3	3		
6 / 67											.2							2	2		
6[illegible] / 65								.1	.1	.1	.1							4	4		
[illegible]4 / 63							.1	.1		.4								5	5		
[illegible]2 / 61				.2		.1	.2	.2	.7									13	13		
[illegible] / 59			.1	.4		.2	.1	.1	.2	.1								11	11		
[illegible] / 57					.1	.4	.4	.6	.2									14	14	1	
5[illegible] / 55		.1			.4	.4	.4	1.2										20	20	5	
[illegible]4 / 53		.1	.1	.1	.5	.1	1.2	.5										22	22	2	2
[illegible]2 / 51		.1		.6	.4	1.7	1.5	.1	.1									38	38	6	2
5[illegible] / 49		.2	.5	.2	.8	.8	1.4	.5										38	38	11	4
[illegible] / 47		.2	.4	.2	1.4	1.5	.7	.1										39	39	19	2
4[illegible] / 45		.2	.4	1.2	.9	1.1	.2	.1										35	35	32	2
44 / 43		.4	.9	1.1	1.2	1.2	.5											44	44	23	5
[illegible]2 / 41		.2	.1	1.5	2.[illegible]	.9												41	41	54	9
[illegible] / 39	.1	1.9	.8	1.5	1.1	.2												48	48	58	18
3 / 37	.2	1.7	.9	1.7	1.1	.6												52	52	73	22
[illegible] / 35	.1	1.8	2.2	1.5	.9	.2												58	58	62	31
3[illegible] / 33		1.1	2.5	1.5	1.1	.2												54	54	60	26
[illegible] / 31		2.1	2.4	1.3	1.7	.1												64	64	69	34
[illegible] / 29	.1	1.9	1.8	1.9	.6	.1												54	54	66	64
[illegible] / 27	.2	2.0	1.7	2.4	.2													55	55	52	38
[illegible] / 25		.5	1.8	.6														24	24	61	82
24 / 23		.7	2.0	.9	.1													32	32	46	75
[illegible] / 21		.6	1.1	.5														18	18	46	76
[illegible] / 19	.1	1.2	.5															15	15	34	46
1[illegible] / 17		.6	.7															11	11	22	41
1[illegible] / 15		.9	.8															15	15	12	34
1[illegible] / 13		.5	.2															6	6	15	30
1[illegible] / 11		.5	.4															7	7	9	34
1[illegible] / 9		.2																2	2	6	45
[illegible] / 7																				4	27
[illegible] / 5		.1																1	1	1	25
[illegible] / 3																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | FEB MONTH

PAGE 2 | 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	Dew Point
/ 1																				1
/ -1																				
- / -3																				
-3 / -5																				
-5 / -7																				
- / -9																				
-9 / -11																				
-11 / -13																				
-13 / -15																				
TOTAL	.9	19.9	22.2	19.4	14.4	9.9	6.7	3.7	1.4	.6	.5	.2					845	845	845	845

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.	2604060	45926	54.4	19.102	845							
Dry Bulb	1318464	31856	37.7	11.800	845		30.2	.5				04
Wet Bulb	929022	26970	31.8	9.401	845		43.6					04
Dew Point	487114	17812	21.1	11.502	845	3.3	71.8					04

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13[illegible]2 FORBES FLD KS 63-70,74-75 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 15[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
[illegible] / 71												.2						2	2		
[illegible] / 69											.1	.4						4	4		
[illegible] / 67										.5	.2							6	6		
[illegible] / 65								.4		.1								4	4		
[illegible] / 63							.2	.1	.1	.2	.2							8	8		
[illegible] / 61				.2		.2	.2	.4	.4	.4								15	15		
[illegible] / 59			.1	.1		.2	.6	.5	.6	.2								20	20		
[illegible] / 57		.2			.4	.1	.2	.6	.2	.1								16	16		
5 / 55					.2	.5	.4	.6										16	16	6	
[illegible] / 53			.1	.1	.7	.8	2.2	1.1										43	43		3
[illegible] / 51		.2	.6	.8	.7	1.7	1.4	.9										54	54	9	[illegible]
[illegible] / 49			.5	.4	.9	1.4	1.2	.7										43	43	24	[illegible]
[illegible] / 47				.1	.8	1.3	.6											24	24	22	[illegible]
[illegible] / 45			.6	.4	.8	1.5	.9											36	36	28	6
[illegible] / 43			1.2	1.2	1.9	1.7												50	50	42	
[illegible] / 41		1.3	.5	1.2	1.4	.7												43	43	66	13
[illegible] / 39	.4	.9	.2	.8	1.1	.5	.2											35	35	60	[illegible]
3 / 37		.8	.6	2.1	.5	1.5												47	47	64	[illegible]
[illegible] / 35		1.3	1.5	1.4	1.5	.9												57	57	59	[illegible]
[illegible] / 33		2.5	1.5	1.8	1.3	.7												66	66	51	[illegible]
[illegible] / 31		1.7	2.1	2.4	.7	.6												63	63	66	33
[illegible] / 29	.1	2.2	.9	1.9	.5													48	48	63	50
[illegible] / 27		1.4	1.1	2.6	.4													46	46	74	65
[illegible] / 25		.4	1.7	1.1	.2													28	28	50	69
[illegible] / 23		.1	.7	.6														12	12	41	51
[illegible] / 21	.2	.8	.6	.1														15	15	44	75
[illegible] / 19		.8	1.3	.2														20	20	22	53
[illegible] / 17		.1	.4															4	4	16	[illegible]
[illegible] / 15		.6	.4	.2														10	10	15	38
[illegible] / 13		.6	.2															7	7	9	22
[illegible] / 11		.5																4	4	7	38
[illegible] / 9																				6	[illegible]
[illegible] / 7																					34
[illegible] / 5																					[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 3																					2
2 / 1																					13
0 / -1																					11
-2 / -3																					9
-4 / -5																					5
-6 / -7																					4
-8 / -9																					9
-10 / -11																					2
≤ -12 / -17																					1
TOTAL	.7	16.5	16.8	19.7	14.1	14.4	8.3	5.4	1.3	1.5	.6	.6						846	846	846	846

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2505095	42927	50.7	19.670	846							
Dry Bulb	1454988	33506	39.7	11.998	846		25.5	1.2				84
Wet Bulb	991984	27878	33.0	9.309	846		41.0					84
Dew Point	489603	17745	21.0	11.787	846	3.9	70.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2 STATION — FORBES FLD KS STATION NAME — 63-70,74-75 YEARS — FEB MONTH

PAGE 1 — 1800-2000 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]4/ 63									.1	.1								2	2		
[illegible]/ 61				.1					.1	.1								3	3		
[illegible]/ 59				.1			.1	.2										4	4		
[illegible]/ 57			.1		.1		.1	.4										6	6		
5[illegible]/ 55		.4			.1	.4	.6	.2	.1									15	15	1	
[illegible]4/ 53		.1		.2		.2	.4	.1	.1									10	10	5	3
[illegible]/ 51		.1	.4	.2	.4	.5	.4	.2										18	18	1	1
5[illegible]/ 49		.4	.1	.1	.7	1.7	.6											30	30	3	9
[illegible]/ 47			.5	.7	2.[illegible]	.6	.1											33	33	13	
[illegible]/ 45		.2	.6	1.1	1.7	.8	.1											38	38	11	4
[illegible]4/ 43		.2	.6	1.3	1.3	.9	.1											38	38	23	1
[illegible]2/ 41		.7	.8	1.9	.8	.6												41	41	36	6
[illegible]/ 39	.2	2.[illegible]	1.4	1.3	1.2	.6												57	57	59	14
3[illegible]/ 37	.2	1.3	1.8	2.1	1.3	.2												59	59	63	21
[illegible]/ 35		1.4	1.9	2.5	.6	.2												56	56	55	23
34/ 33		2.2	3.1	2.2	.6	.1												70	70	70	34
[illegible]2/ 31		2.6	3.0	1.3	1.2													68	68	74	35
3[illegible]/ 29		2.7	2.5	1.7	.5													62	62	68	62
[illegible]/ 27	.1	2.2	2.2	.8	.2													48	48	60	62
[illegible]/ 25		1.3	2.4	1.1	.2													42	42	53	69
24/ 23		.6	2.8	1.1														38	38	53	44
[illegible]2/ 21	.2	.9	1.4	.8														29	29	38	71
[illegible]/ 19	.1	1.8	1.2	.1														27	27	44	69
1[illegible]/ 17	.1	1.1	1.3															21	21	35	54
1[illegible]/ 15		.5	.4															7	7	25	34
1[illegible]/ 13		.6	.5															9	9	10	38
1[illegible]/ 11		.7	.1															7	7	7	35
[illegible]/ 9		.6	.1															6	6	11	29
[illegible]/ 7		.1																1	1	6	25
[illegible]/ 5																				1	28
[illegible]/ 3																					22
[illegible]/ 1																					20
[illegible]/ -1																					13
[illegible]/ -3																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1020 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

PAGE 2 | 1600-2000 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
-4 / -5																					3
-6 / -7																					3
-8 / -9																					1
-10 / -11																					1
-12 / -13																					2
-14 / -15																					1
TOTAL	1.1	24.9	29.1	20.8	12.9	6.9	2.5	1.2	.5	.2								845	845	845	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3203639	49933	59.1	17.313	845							
Dry Bulb	1106216	29256	34.6	10.514	845		36.3					54
Wet Bulb	824227	25285	29.9	8.951	845		50.2					64
Dew Point	466766	17486	20.7	11.255	845	3.6	72.9					64

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12[illegible] FORBES FLD KS 63-70,74-75 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 21[illegible]-23[illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
[illegible] / 57			.2																2	2			
5[illegible] / 55		.4	.4			.2	.4	.1											12	12			
[illegible]4 / 53						.6	.2												7	7	5	2	
[illegible]2 / 51			.1			.1	.1												3	3	3	2	
[illegible] / 49			.5	.1	.2	.4	.1												11	11		4	
[illegible] / 47		.1	.1	.6	.5	.6	.2												18	18	4		
4[illegible] / 45		.1	.5	1.3	.7														22	22	5	2	
[illegible]4 / 43			.8	.7	.6	.1													19	19	13	2	
[illegible]2 / 41		.9	1.3	2.1	.4	.1													41	41	19	2	
4[illegible] / 39	.6	.9	2.4	1.7	1.1														56	56	40	11	
3[illegible] / 37	.5	1.7	3.3	1.5	.4														62	62	45	14	
[illegible]4 / 35	.4	1.7	2.4	2.2	.4														59	59	64	29	
34 / 33	.1	2.8	4.4	2.0	.5														83	83	64	29	
[illegible]4 / 31	.4	3.3	4.3	1.2	.1														78	78	73	36	
[illegible] / 29		1.9	3.2	.5															47	47	92	67	
[illegible] / 27		4.0	1.8	.7															55	55	74	64	
[illegible] / 25		3.2	2.6	.1															50	50	56	67	
2[illegible] / 23		2.8	1.8	.6															44	44	51	56	
[illegible]2 / 21		2.2	2.1																37	37	50	62	
[illegible] / 19		3.3	2.1	.2															48	48	34	62	
1[illegible] / 17	.8	1.4	2.0																36	36	54	50	
1[illegible] / 15	.1	1.3	.2																14	14	41	45	
1[illegible] / 13		1.4	.5																16	16	40	40	
1[illegible] / 11		.7	.1																7	7	17	35	
1[illegible] / 9		1.3	.1																12	12	6	4[illegible]	
[illegible] / 7		.4																	3	3	12	31	
[illegible] / 5		.2																	2	2	5	24	
[illegible] / 3		.2																	2	2	2	2[illegible]	
[illegible] / 1																					1	11	
[illegible] / -1																						15	
-[illegible] / -3																						4	
-[illegible] / -5																						5	
- / -7																						[illegible]	
- / -9																						4	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | FEB MONTH

 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-11																					2
-1./-13																					1
TOTAL	2.8	36.4	37.1	15.6	4.7	2.1	1.1	.1											846		846
																		846		846	

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.	3045138	55646	65.8	14.796	846							
Dry Bulb	926302	26362	31.2	10.020	846		44.8					84
Wet Bulb	719768	23472	27.7	9.007	846		58.0					84
Dew Point	453349	17281	20.4	10.898	846	3.9	74.4					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

1720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB MONTH

 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72 / 71												.0						2	2		
70 / 69											.0	.1						7	7		
68 / 67										.1	.1							8	8		
66 / 65								.1	.0	.0	.0							8	8		
64 / 63							.0	.0	.0	.1	.0							15	15		
62 / 61				.1		.0	.1	.1	.2	.1								32	32		
60 / 59			.0	.1		.1	.1	.1	.1	.0								38	38		
58 / 57		.0	.1	.0	.1	.1	.1	.2	.1	.0								49	49	1	
56 / 55		.2	.1	.0	.1	.2	.2	.3	.0									78	78	13	
54 / 53	.0	.1	.1	.1	.1	.3	.6	.2	.0									98	99	27	16
52 / 51		.1	.3	.2	.3	.5	.5	.2	.0									145	145	30	14
50 / 49		.2	.4	.1	.4	.6	.5	.1										161	161	42	27
48 / 47		.1	.2	.3	.7	.7	.3	.0										147	147	85	9
46 / 45		.1	.3	.8	.8	.5	.2	.0										181	181	93	28
44 / 43	.0	.1	.7	.8	.8	.7	.1											222	222	130	23
42 / 41	.1	.6	.7	1.7	.8	.3												295	295	224	51
40 / 39	.3	.9	1.4	1.1	.8	.2	.0											314	314	296	82
38 / 37	.3	1.2	1.9	1.6	.6	.3												390	390	378	141
36 / 35	.3	1.8	2.3	1.8	.5	.2												470	470	418	194
34 / 33	.2	2.3	3.1	1.8	.5	.1												542	542	479	189
32 / 31	.4	3.0	3.1	1.3	.5	.1												560	561	555	272
30 / 29	.4	3.2	2.2	1.0	.2	.0												477	477	640	463
28 / 27	.2	3.9	1.7	.9	.1													466	466	583	425
26 / 25	.3	3.0	2.0	.5	.1													378	378	518	562
24 / 23	.1	2.1	1.7	.5	.0													296	296	427	508
22 / 21	.4	1.8	1.3	.3														256	256	346	573
20 / 19	.2	2.8	1.0	.1														278	278	295	521
18 / 17	.5	1.9	1.0	.0														236	236	332	388
16 / 15	.1	1.7	.4	.0														152	152	237	358
14 / 13	.3	1.6	.2															140	140	177	278
12 / 11	.1	1.5	.1															121	121	147	296
10 / 9	.1	1.1	.1															89	89	109	304
8 / 7	.1	.7	.0															50	50	91	232
6 / 5	.1	.4																32	32	44	209

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | FEB 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
3 / 3	.0	.3																20	20	29	192
1 / 1		.1																8	8	15	138
-1 / -1	.0	.0																3	3	2	93
-3 / -3																				1	53
-5 / -5																					54
-7 / -7																					54
-9 / -9																					32
-11 / -11																					16
-13 / -13																					6
-15 / -15																					7
-17 / -17																					5
TOTAL	4.1	37.0	26.6	15.0	7.4	5.0	2.6	1.3	.4	.3	.1	.1							6765		6764
																		6764		6764	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	29673750	431508	63.8	17.912	6764							
Dry Bulb	7687018	217064	32.1	11.677	6765	.3	353.9	1.7				672
Wet Bulb	5797999	190305	28.1	9.757	6764	.3	451.8					672
Dew Point	3560374	135710	20.1	11.126	6764	30.9	597.1					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13123 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAY MONTH

PAGE 1 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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
114/ 73							.1											1		1		
112/ 71						.1	.2											3		3		
110/ 69					.2													2		2		
106/ 65				.2	.1		.1											4		4		
104/ 63			.1	.2	.6	.1												10		10		
102/ 61		.1	.2	.5	.3													11		11	5	
100/ 59		.9	.2	.6	.1		.2	.1										20		20	7	
98/ 57	.3	.1	.1				.2		.1									8		8	19	10
96/ 55	.4	.3	.4	.2	.1	.3	.3	.1										21		21	17	15
94/ 53	.1	.3	.2	.6	.2	.4	.1	.3										22		22	14	18
92/ 51		.6	.9	.2	.4	.8	.9											35		35	7	2
90/ 49		.8	.9	.8	.8	.6												35		35	16	20
88/ 47		1.4	.8	.6	1.0	.2												37		37	22	12
86/ 45	.1	1.4	.5	1.0	.9	.2												38		38	38	16
84/ 43	.1	.8	1.8	.5	1.3	.3												45		45	39	26
82/ 41		1.3	.5	2.0	.8	.1												44		44	47	22
80/ 39		.9	1.0	1.8	.3													37		37	44	22
78/ 37		2.3	1.6	1.3	.2													50		50	42	26
76/ 35	.8	2.4	2.9	1.0	.8													72		72	58	32
74/ 33	.6	3.0	3.8	1.3	.3													84		84	81	47
72/ 31		1.7	4.1	.8	.1													62		62	75	41
70/ 29	.6	3.9	2.4	.5														69		69	82	55
68/ 27	.1	3.6	1.5	.3														51		51	79	79
66/ 25		2.4	1.5	.2														38		38	59	90
64/ 23	.1	2.5	.8	.2														33		33	34	47
62/ 21	.3	1.3	1.0															24		24	44	80
60/ 19		1.3	1.3															24		24	23	54
58/ 17		2.0	.2															21		21	30	49
56/ 15		1.6	.1															16		16	21	36
54/ 13		.3																3		3	14	14
52/ 11		.6																6		6	3	29
50/ 9																					6	26
48/ 7	.1	.1																2		2	2	35
46/ 5	.1																	1		1	1	15

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 | FORBES FLD KS | 63-70,74-75 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0000-0300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.	TOTAL W.B.	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				
-/ 3																					11
/ 1																					2
-/ -3																					2
TOTAL	3.9	37.8	28.7	15.1	8.5	3.2	2.2	.5	.1										929		929
																			929	929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4599875	63793	69.7	15.373	929							
Dry Bulb	1406544	34398	37.0	11.967	929		35.0	.6	.1			93
Wet Bulb	1142011	30977	33.3	10.843	929		47.4					93
Dew Point	821531	25117	27.0	12.390	929	.3	66.2					92

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13922 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR MONTH

 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. Dry Bulb	TOTAL Wet Bulb Dew Point
7 / 69						.3												3	3
6 / 67				.3														3	3
4/ 63			.2		.1	.1												4	4
2/ 61		.2	.1	.1	.2	.2												6	6
/ 59		.5	.3	.2	.4	.1												15	15
/ 57		.6	.3	.8														16	16
5/ 55	.2	.2	.6		.1	.4												15	15
4/ 53		.3	.2	.1	.1	.4												11	11
2/ 51	.2	.4	.8	.1	.1	.5	.2											22	22
5/ 49	.3	1.7	.9	.3	.4	.6	.1											41	41
4/ 47	.1	1.6	.6	.4	.4	.5												35	35
4/ 45	.2	1.8	1.0	.4	.3	.2												37	37
4/ 43	.1	1.4	1.2	1.2	.6	.2												44	44
2/ 41		.6	1.4	.9	.5													32	32
4/ 39	.1	1.4	1.2	1.4	.2													40	40
3/ 37	.1	2.2	1.7	.8	.1													45	45
/ 35	.2	2.5	2.8	.2														53	53
34/ 33	1.1	2.9	2.8	.2														65	65
32/ 31	.6	3.1	4.4	.6	.1													83	83
/ 29	.1	4.5	4.3	.4														87	87
/ 27	.3	4.6	2.3															67	67
/ 25	.5	2.6	1.6	.4														48	48
2/ 23	.2	2.3	1.1	.1														34	34
2/ 21	.3	1.7	1.0															28	28
/ 19		1.9	.4															22	22
/ 17		2.5	.1															24	24
1/ 15		2.3																21	21
1/ 13		1.2																11	11
1/ 11		1.3																12	12
/ 9		.1																1	1
/ 7																			
/ 5																			
/ 3	.1																	1	1
/ 1	.1																	1	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1...20 STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | MAY MONTH

PAGE 2 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	Wet Bulb	Dew Point
/ -1	.1																	1	1	1	4
- / -3																					2
-4/ -5																					1
TOTAL	.2	46.6	31.3	9.0	3.9	3.8	.3												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	585982	67524	72.6	14.047	930							
Dry Bulb	1272462	32594	35.0	11.835	930	.1	44.1	.6				93
Wet Bulb	1070168	29842	32.1	11.009	930	.1	52.1					93
Dew Point	805831	24809	26.7	12.451	930	.7	66.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13-2 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR MONTH

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ / 67				.3		.3												6	6			
66 / 65				.1														1	1			
64 / 63			.2															2	2	3		
62 / 61		.4	.4	.1	.2	.2												13	13			
60 / 59		.4	.2	.1		.2	.1											10	10	9		
58 / 57		.6	.1	.4	.1	.2												14	14	9		
56 / 55	.1	.6	.3	.2	.4	.2												18	18	11	11	
54 / 53	.1	.5	.1		.5	.3	.2											17	17	14	14	
52 / 51		.5	.3		.2	.4												14	14	14	7	
50 / 49	.1	1.2	1.1	.3	.4	.4	.1											34	34	12	9	
48 / 47	.2	1.9	.3	.5	.5	.3	.1											37	37	25	17	
46 / 45	.3	1.3	1.1	.2	.3		.1											31	31	30	21	
44 / 43	.6	1.0	.9	.5	1.0	.2												39	39	32	32	
42 / 41	.1	1.2	1.8	1.0	.6													44	44	32	25	
40 / 39	.1	1.7	1.7	.6														39	39	33	19	
38 / 37	.2	2.2	.9	1.0	.1													40	40	34	25	
36 / 35	.2	3.0	2.3	1.0														60	60	46	35	
34 / 33	.8	2.6	2.9	.3	.1													62	62	46	49	
32 / 31	.5	3.5	4.1	.3														79	79	74	51	
30 / 29	.2	4.4	3.0	.4														75	75	74	46	
28 / 27	.1	6.1	1.5	.4														76	76	82	66	
26 / 25	.4	3.9	.5															45	45	86	75	
24 / 23	.4	2.4	1.3															38	38	43	7	
22 / 21	.3	1.7	1.0															28	28	35	61	
20 / 19	.5	1.8	.3															25	25	32	5	
18 / 17	.1	2.4	.1															24	24	30	4	
16 / 15		2.4																22	22	21	2	
14 / 13		1.7																16	16	28	2	
12 / 11		1.5	.1															15	15	12	2	
10 / 9		.3																3	3	10	2	
8 / 7																				2	1	
6 / 5																						
4 / 3																						
2 / 1	.1	.1																2	2	2		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12 | FORBES FLD KS | 63-70,74-75 | MAR

STATION | STATION NAME | YEARS | MONTH

PAGE 2 [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.1																	1	1	1		
-5 / -5																						
-9 / -9																						
TOTAL	5.9	51.5	26.6	8.0	4.6	2.9	.6													930		930	
																		930			930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5232471	68583	73.7	13.717	930							
Dry Bulb	1245760	32148	34.6	12.031	930	.1	44.9	.6				
Wet Bulb	1054763	29555	31.8	11.152	930	.1	53.2					
Dew Point	804608	24764	26.6	12.502	930	.9	66.6					

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

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1... 2... STATION FUMBES FLD MS STATION NAME 63-70,74-75 YEARS MA... MONTH

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77										.1		.1	.1					3	3			
76/ 75							.1											1	1			
74/ 73						.1	.1		.1									3	3			
7../ 71					.2	.3		.1	.2	.1	.1							10	10			
../ 69				.2	.3	.4	.4	.2		.1								16	16			
6../ 67				.2	.1	.3	.4	.1	.2	.2								15	15			
6/ 65		.2	.2	.1	.5	.3	.2	.3	.3									21	21	2		
4/ 63		.1	.1	.4	.4	.2		.6										18	18	9	1	
../ 61			.4	.3	.2	.3	.2	.3	.1	.1								19	19	13	4	
../ 59		.3	.4	.4	.4	.5	.4	.2	.2									28	28	13	7	
../ 57		.3	.2	.2	.5	.5	.4	.1										22	22	24	7	
5../ 55		.1	.5	1.0	.5	.6	.4	.1	.1									32	32	24	13	
4/ 53			.4	.3	.6	.5	.9	.2										28	28	17	11	
../ 51		.1	.4	.3	1.2	.6	.2	.1										28	28	27	14	
5../ 49	.1	.3	.8	.8	.8	1.0	.5	.3										42	42	36	21	
4../ 47	.3	.4	.2	.5	1.2	1.0	.1											35	35	32	21	
4../ 45		1.3	1.2	1.3	1.6	.6	.1											54	54	30	24	
.4/ 43	.2	.5	.9	1.4	.9	.3	.1											40	40	51	25	
.2/ 41		1.3	2.2	1.9	.9	.3												61	61	52	31	
4../ 39		.8	1.6	2.6	.2													48	48	55	31	
3../ 37	.3	.8	1.2	2.2	.4	.1												46	46	58	44	
3../ 35	.1	1.4	2.6	2.2	.6													64	64	55	37	
3../ 33	.4	1.4	2.2	1.4	.3													53	53	65	40	
../ 31		1.1	2.3	1.5	.5													50	50	66	48	
2../ 29	.1	2.7	1.7	1.0														51	51	54	64	
2../ 27		1.2	1.2	1.1														32	32	58	60	
../ 25		1.0	1.5	.2														25	25	51	61	
2../ 23		.8	.8	.2														16	16	30	72	
.2/ 21		.8	1.3															19	19	23	59	
../ 19	.2	.4	1.1	.2														16	18	23	59	
1../ 17		1.3	.6															18	18	17	38	
1../ 15		.9	.1															9	9	15	23	
1../ 13		.1	.3															4	4	14	17	
1../ 11																				3	26	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-73,74-75 YEARS | MAR MONTH

PAGE 2 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 9		.1																1	1	2	2
/ 7																				1	7
/ 5																					16
/ 3																					3
/ 1																					4
/ -3																					1
/ -5																					3
/ -7																					1
TOTAL	1.3	19.6	26.3	21.6	12.6	8.3	4.7	2.8	1.3	.6	.1	.1	.1					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3714625	56639	60.9	16.895	930							
Dry Bulb	1817644	39392	42.0	13.703	930		24.3	4.8	.7			3
Wet Bulb	1372712	34046	36.6	11.662	930		36.0					93
Dew Point	916541	26479	28.5	13.231	930	.9	60.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13-2 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR 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
4/ 83										.1					.1			2	2		
-4/ 81									.2		.1		.2	.2				7	7		
0/ 79								.2		.2	.1		.1	.1				7	7		
78/ 77						.2	.2	.1	.1	.2	.1	.2	.1					12	12		
76/ 75						.1	.3	.6	.3	.1	.2	.2	.1					19	19		
74/ 73							.5	.2	.1	.2	.3	.2						15	15		
72/ 71						.2	.3	.2	.3	.4	.3	.3						24	24		
70/ 69				.1		.3	.4	.4	.2	.6	.2	.2						24	24		
68/ 67			.1		.2	.5	.6	.4	.8	.5	.2							32	32	2	
66/ 65			.1	.3	.2	.1	.6		.4	.2								19	19	6	
64/ 63		.1		.2	.2	.3	.8	.8	1.0	.5	.2							38	38	9	
62/ 61		.1	.1	.2	.1	.1	.8	.5	.4	.4								26	26	24	9
60/ 59		.1	.1	.4	.6	.3	.6	1.1	.3	.2								36	36	22	4
58/ 57			.1	.4	.3	.6	.4	1.2	.5	.1								35	35	21	9
56/ 55		.3	.1	.2	.5	.3	.8	1.1	.4									35	35	31	11
54/ 53		.1	.1	1.0	.5	.2	1.7	.1	.1									36	36	34	14
52/ 51		.2	.1	.1	.6	1.1	1.2	.4										35	35	43	24
50/ 49	.3	.6	.3	.5	.8	1.4	.9	.2										47	47	44	19
48/ 47		.1	.9	.5	1.1	1.0	.1	.1										35	35	49	13
46/ 45		.5	.6	1.9	1.5	.6	.3											52	52	42	24
44/ 43			.5	.8	1.7	.8	.3											38	38	58	29
42/ 41		.4	.8	1.2	1.6	.4	.1											42	42	51	31
40/ 39	.1	.3	.4	1.6	1.4	.6	.2											44	44	73	39
38/ 37	.2	.5	.6	2.3	1.5	.6												54	54	54	32
36/ 35	.1	.8	1.5	.8	1.1													39	39	46	36
34/ 33	.1	.5	.4	1.7	1.2	.1												38	38	56	46
32/ 31		1.0	1.5	1.3	.5													40	40	54	67
30/ 29		.4	1.1	1.1	.4													28	28	50	64
28/ 27		.4	.5	.8														16	16	47	53
26/ 25	.3	.5	1.0	.2														19	19	70	63
24/ 23		.2	.8															9	9	72	67
22/ 21		.2	.8	.5														14	14	70	53
20/ 19		.3	.2	.3														8	8	11	41
18/ 17		.3	.1															4	4	12	32

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

2

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1...2... STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR MONTH

PAGE ... 12...0-14... 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	Dew Point
1 / 15																				6	31
1.. / 13																				2	35
1. / 11																					34
1 / 9																					[illegible]
. / 7																					19
/ 5																					11
-/ 3																					6
./ 1																					[illegible]
-./ -3																					[illegible]
-../ -5																					[illegible]
-/ -7																					1
- / -9																					[illegible]
TOTAL	1.2	8.3	12.9	18.5	16.3	10.1	11.7	7.8	5.3	4.0	1.8	1.2	.5	.3	.1		929	929	929		929

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.	2582168	45930	49.4	18.318	929							
Dry Bulb	2418040	45324	48.8	14.927	929		13.8	14.2	6.2	1.3		[illegible]
Wet Bulb	1626160	37396	40.3	11.504	929		26.2	.2				93
Dew Point	931422	26768	28.8	13.136	929	.9	60.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13723 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR MONTH

 1520-1720 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8 / 85															.1			1	1		
4 / 83										.2				.3				5	5		
2 / 81									.1	.5	.1			.2	.2			11	11		
- / 79								.1	.1	.1	.2	.1	.2					8	8		
7 / 77						.1		.1		.5	.1		.2	.2				12	12		
76 / 75						.1	.4	.6	.3		.1	.3	.2					21	21		
74 / 73					.1	.2	.8	.2	.3	.4	.4	.2	.2					27	27		
72 / 71							.3	.5	.2	.8	.5	.4	.1					27	27		
7 / 69				.3		.3	.2	.1	.4	.5	.5	.1						24	24		
6 / 67				.1	.2	.2	.5	.3		1.0	.2							24	24	3	
6 / 65				.3	.1		.2	.4	.6	.9	.5							29	29	6	
4 / 63					.5	.6	1.0	.9	1.2	1.0								48	48	16	
2 / 61		.1	.1	.2	.3	.3	.5	.4	1.0	.4	.3							35	35	20	6
/ 59		.1		.2	1.0		.3	1.0	.6	.1								31	31	23	1
5 / 57		.1	.2	.2	.2	.2	.4	.8	.2	.2								24	24	17	10
54 / 55		.6		.2	.4	.6	1.3	.5	.4									39	39	32	14
4 / 53		.2	.2	.5	1.1	1.2	.6	.3	.3									42	42	49	17
/ 51	.2	.3			.3	1.2	1.1	.5										34	34	45	26
5 / 49	.1	.2	.4	.4	.3	1.5	.8	.3										38	38	56	18
/ 47		.2	.3	1.5	1.3	1.5	1.2											56	56	39	15
4 / 45		.4		.4	1.3	1.1	.4											34	34	53	31
44 / 43			1.2	.4	1.4	1.0	1.0	.1										47	47	57	17
2 / 41		.6	.4	1.1	1.5	.5	.4											43	43	46	16
/ 39	.2	.2	.3	1.3	2.2	.6	.3											48	48	71	29
3 / 37	.1	.2	.8	1.6	.6	.1	.1											33	33	48	40
3 / 35	.2	.4	1.6	1.5	1.6	.3												53	53	54	48
34 / 33	.3	.8	.5	1.1	1.0													34	34	61	45
/ 31		.8	1.3	1.2	.4													34	34	63	46
/ 29		.2	.8	1.0														18	18	43	59
/ 27		.1	.1	.5														7	7	39	71
/ 25	.3	.2	1.0	.3														17	17	36	61
/ 23		.5	.6															11	11	12	92
/ 21		.3	.3	.4														10	10	17	64
/ 19		.3																3	3	15	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 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]2	FORBES FLD KS	63-70,74-75	MAR

PAGE 2 1500-17[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] / 17				.1														1	1	3	31
1[illegible] / 15																				2	37
1[illegible] / 13		.1																1	1	1	35
1[illegible] / 11																				1	32
1[illegible] / 9																					11
[illegible] / 7																					19
[illegible] / 5																					7
[illegible] / 3																					7
[illegible] / 1																					5
[illegible] / -1																					3
-[illegible] / -3																					5
-[illegible] / -9																					2
TOTAL	1.5	7.2	10.2	15.1	15.9	11.8	11.9	7.4	5.9	6.7	3.1	1.2	1.0	.8	.3			930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2381253	43557	46.8	19.166	930							
Dry Bulb	2592805	47091	50.6	14.975	930		10.2	16.0	8.5	2.2		93
Wet Bulb	1696074	38322	41.2	11.220	930		23.2	.3				93
Dew Point	928583	26775	28.8	13.030	930	1.0	59.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12[illegible] STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 79									.2		.1		.1					4	4		
7 / 77											.2			.1				3	3		
76 / 75							.1	.2	.2	.1		.1						7	7		
74 / 73					.1		.1	.1	.1	.1	.1							6	6		
72 / 71				.1		.2	.2	.2			.4	.1	.1					13	13		
7 / 69				.2		.5	.2	.1	.1	.4		.1						16	16		
6 / 67			.2		.5	.5	.2	.1	.4	.6	.4	.1						30	30		
6 / 65			.1	.2	.3	.3	.1	.2	.1	.1	.1							15	15	2	
64 / 63		.1	.1	.2	.3	.1	.4	1.0	.3	.2								26	26	9	1
6 / 61			.4	.1	.6	.1	.3	.6	.3	.4								28	28	9	4
60 / 59		.3	.1	.5	.4	.5	.6	.8	.3	.1								35	35	22	3
5 / 57		.2	.1	.6	.3	.3	.2	.8	.3	.1								28	28	22	5
56 / 55		.5	.1	.6	.4	1.2	.8	.8	.1	.1								43	43	15	12
4 / 53		.4	.4	.5	.4	1.1	1.0	.3	.1									40	40	25	18
2 / 51		.3	.3	.8	.5	.6	.8	.4	.1									36	36	35	15
50 / 49	.1		.5	.6	1.0	.9	.1	.2										32	32	42	20
4 / 47	.2	.3	.6	1.1	1.4	1.3	.3	.1										50	50	40	24
4 / 45		.2	1.0	1.7	1.1	.9	.4											49	49	53	19
44 / 43		.3	1.0	1.5	1.3	.5	.3											46	46	49	15
2 / 41		.9	.8	1.2	1.4	.8	.3											49	49	62	19
4 / 39		.6	1.4	2.0	1.2	.8	.1											57	57	67	33
3 / 37	.3	.6	1.2	2.3	.5	.5												51	51	56	35
3 / 35	.3	.8	2.3	2.4	.3	.1												57	57	58	42
34 / 33	.2	.5	1.0	1.8	.5	.1												39	39	70	69
32 / 31		1.0	1.5	1.3	.3													38	38	61	47
2 / 29		1.3	2.0	1.0	.1													41	41	57	57
2 / 27		.4	1.6	.8														26	26	49	53
2 / 25	.3	.2	1.2	.5														21	21	41	75
24 / 23		.2	.8	.2														11	11	23	65
2 / 21		.8	.8	.2														16	16	24	61
2 / 19		1.0	.1															10	10	19	42
1 / 17		.1	.2															3	3	11	29
16 / 15		.1																1	1	4	41
14 / 13																				2	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 11		.1																1	1			35
1 / 9	.2																	2	2	3		17
/ 7																						7
/ 5																						16
/ 3																						4
/ 1																						6
/ -1																						3
/ -3																						2
TOTAL	1.7	11.4	19.8	22.6	13.2	11.4	6.7	5.9	2.8	2.4	1.4	.4	.2	.1				930	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3115734	50964	54.8	18.645	930							
Dry Bulb	2095126	42288	45.5	13.617	930		17.0	7.9	2.0	.1		93
Wet Bulb	1485896	35762	38.5	10.917	930		29.4					93
Dew Point	903107	26483	28.5	12.663	930	.5	59.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78 / 75							.1											1	1	
74 / 73							.3	.2										5	5	
70 / 71						.1												1	1	
70 / 69				.2	.1				.1									4	4	
66 / 67			.1	.1		.1				.1								4	4	
66 / 65				.4	.2	.1		.2	.2		.1							12	12	
64 / 63			.3	.5	.6	.1		.1	.1	.2								19	19	5	
62 / 61		.1	.4	.2	.2	.1	.2	.1	.1	.2								16	16	7	2
60 / 59		.8		.6	.3	.1	.1	.8		.1								26	26	12	3
58 / 57	.1	.2	.6	.3	.1	.3	.1	.2	.1									20	20	16	13
56 / 55		.8	.4	.4	.8	.3	.3											28	28	14	11
54 / 53		.3	.5	.9	.5	1.0	.8	.1										38	38	20	16
52 / 51	.1	.1	1.1	.4	1.2	.9	.3											38	38	20	10
50 / 49		.3	.5	.6	.9	.9	.1	.1										32	32	17	17
48 / 47	.2	.6	1.1	.8	.6	1.1	.1	.1										43	43	44	18
46 / 45		.3	1.0	1.0	1.4	.4	.4											42	42	31	13
44 / 43		1.3	1.2	1.4	.9	.4												48	48	42	18
42 / 41		.8	1.1	.5	1.3	.2												36	36	60	25
40 / 39		1.0	2.2	2.4	.6	.1												58	58	48	31
38 / 37	.1	1.4	1.8	1.7	1.1	.3												60	60	51	29
36 / 35	1.1	2.4	3.4	1.5	.2	.2												82	62	76	44
34 / 33	.1	2.3	3.3	1.5	.1													68	68	79	50
32 / 31		.9	1.7	1.0	.2													35	35	75	58
30 / 29	.2	2.6	2.6	1.1	.2													62	62	70	70
28 / 27		1.7	1.4	.5														34	34	54	55
26 / 25	.1	1.1	1.6	.4														30	30	52	65
24 / 23	.1	1.3	1.5	.2														29	29	30	49
22 / 21		1.0	1.2															20	20	33	64
20 / 19		1.4	.3															16	16	26	50
18 / 17		1.4																13	13	23	35
16 / 15		.2	.2															4	4	14	34
14 / 13		.1	.1															2	2	2	31
12 / 11		.1																1	1	3	31
10 / 9		.2																2	2	3	28

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 7	.1																	1	1	1	21
/ 5																					15
/ 3																					6
/ 1																					2
/ -1																					2
/ -3																					1
TOTAL	2.3	24.5	29.8	18.8	11.6	6.8	2.9	1.9	.6	.6	.1							930	930	930	
																		930	930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4037249	59289	63.8	16.648	930							
Dry Bulb	1656838	37522	40.3	12.405	930		24.9	1.5	.6			93
Wet Bulb	1285878	33082	35.6	10.836	930		38.6					93
Dew Point	676557	26121	28.1	12.402	930	.3	63.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13723 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | MAR MONTH

PAGE 1 | 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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
86 / 85															.0			1	1		
84 / 83										.0				.0	.0			7	7		
82 / 81									.0	.1	.0		.0	.1	.0			18	18		
80 / 79								.0	.0	.0	.1	.0	.1	.0				19	19		
78 / 77						.0	.0	.0	.0	.1	.1	.0	.1	.0				30	30		
76 / 75						.0	.1	.2	.1	.0	.0	.1	.0					49	49		
74 / 73					.0	.0	.2	.1	.1	.1	.1	.1	.0					57	57		
72 / 71				.0	.0	.1	.2	.1	.1	.2	.2	.1	.0					78	78		
70 / 69				.1	.1	.2	.2	.1	.1	.2	.1	.1						89	89		
68 / 67			.1	.1	.1	.3	.2	.1	.2	.3	.1	.0						114	114	5	
66 / 65		.0	.1	.2	.2	.1	.2	.1	.2	.1	.1							101	101	18	
64 / 63		.0	.1	.2	.4	.2	.3	.4	.3	.2	.0							165	165	55	2
62 / 61		.1	.3	.2	.3	.2	.3	.3	.2	.2	.0							156	156	76	21
60 / 59		.4	.2	.4	.4	.2	.3	.5	.2	.1								201	201	115	28
58 / 57	.1	.3	.2	.4	.2	.3	.2	.4	.2	.1								167	167	138	64
56 / 55	.1	.4	.3	.4	.4	.5	.5	.3	.1	.0								231	231	156	99
54 / 53	.0	.3	.3	.5	.5	.6	.7	.2	.1									234	234	195	112
52 / 51	.1	.3	.5	.2	.6	.8	.6	.2	.0									242	242	202	166
50 / 49	.1	.6	.7	.6	.7	.9	.3	.1										301	301	238	139
48 / 47	.1	.8	.6	.8	.9	.9	.2	.0										328	328	275	140
46 / 45	.1	.9	.8	1.0	1.0	.5	.2											337	337	328	183
44 / 43	.1	.7	1.1	1.0	1.1	.5	.2	.0										347	347	354	183
42 / 41	.0	.9	1.1	1.2	1.1	.3	.1											351	351	384	176
40 / 39	.1	.9	1.2	1.7	.8	.3	.1											371	371	426	221
38 / 37	.2	1.3	1.2	1.6	.6	.2	.0											379	379	425	241
36 / 35	.4	1.7	2.4	1.3	.6	.1												460	460	432	314
34 / 33	.5	1.7	2.1	1.2	.4	.0												443	443	556	391
32 / 31	.1	1.6	2.6	1.0	.3													421	421	543	389
30 / 29	.2	2.5	2.2	.8	.1													431	431	499	474
28 / 27	.1	2.3	1.3	.6														309	309	493	499
26 / 25	.3	1.5	1.2	.3														243	243	448	588
24 / 23	.1	1.3	.9	.1														181	181	241	495
22 / 21	.1	1.0	.7	.1														159	159	274	542
20 / 19	.1	1.1	.5	.1														126	126	175	373

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 20 | FORBES FLD KS | 63-70,74-75 | MAR

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. Dry Bulb	TOTAL Wet Bulb	Dew Point
1 / 17	.0	1.3	.2	.0														108	108	149	302
16 / 15		.9	.1															73	73	114	269
14 / 13		.4	.1															37	37	85	214
12 / 11		.5	.0															35	35	34	236
10 / 9	.0	.1																9	9	32	174
8 / 7	.0	.0																3	3	6	197
6 / 5	.0																	1	1	1	133
4 / 3	.0																	1	1	1	49
2 / 1	.0	.0																3	3	3	27
0 / -1	.0																	1	1	1	13
-2 / -3	.0																	1	1	1	25
-4 / -5																					6
-6 / -7																					4
-8 / -9																					5
TOTAL	2.9	25.9	23.2	16.1	10.8	7.3	5.1	3.3	2.0	1.8	.8	.4	.2	.1	.1			7438		7438	
																		7438		7438	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	30749407	456279	61.3	19.262	7438							
Dry Bulb	14505219	310457	41.7	14.422	7438	.2	214.3	46.2	18.1	3.5		744
Wet Bulb	10735682	268982	36.2	11.645	7438	.2	306.1	.5				744
Dew Point	6988180	207316	27.9	12.754	7438	5.5	501.9					744

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2 — STATION
FORBES FLD KS — STATION NAME
63-70,74-75 — YEARS
APR — MONTH

 0000-2300 HOURS (LST)

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	Wet Bulb	Dew Point
[illegible] 73		.1		.2														3	3		
[illegible] 71		.4	.2		.1	.3												10	10	1	
[illegible] 69		.1	.6	.2	.3	.3	.1											15	15	5	5
68 / 67			1.2		.7	.4	.3	.1										25	25	4	1
66 / 65		.4	.8	.9	.7	.1	.1				.1							28	28	10	6
[illegible] 63	.2	.4	.4	.7	.4	.2	.2	.1			.1							26	26	19	13
[illegible] 61		1.3	.3	.6	.7	.2	.6	.4										37	37	18	18
[illegible] 59		.7	.8	.6	.4	.4	.7	.1	.1									31	31	35	11
[illegible] 57	.1	1.8	.6	.9	1.6	.9	.4	.2										56	56	27	25
56 / 55	.2	2.0	.7	1.3	2.6	.4	.2											67	67	35	27
54 / 53		1.1	1.7	2.0	2.4	.6	.2											72	72	42	36
[illegible] 51	.1	2.0	1.6	1.0	2.0	.4	.1											65	65	40	32
50 / 49	.2	1.8	2.2	1.8	1.3	.7												72	72	72	34
48 / 47		1.8	1.9	3.2	1.2	.3												76	76	91	39
46 / 45		1.0	2.1	2.4	.6	.6												60	60	71	39
44 / 43		2.8	3.0	1.1	.4	.1												67	67	85	48
42 / 41		1.1	3.2	.7	.6	.1												51	51	81	70
[illegible] 39	.3	.7	1.6	.7	.3													32	32	72	74
37 / 37	.3	.8	1.3	1.1														32	32	50	67
[illegible] 35		1.1	1.1	.9														28	28	34	72
34 / 33		1.4	.4	.4														21	21	39	77
[illegible] 31		.4	.9															12	12	36	45
[illegible] 29		.2	.1															3	3	19	47
[illegible] 27		.2	.1															3	3	7	32
[illegible] 25		.3																3	3	5	22
[illegible] 23																				2	21
22 / 21																					14
[illegible] / 19		.1																1	1		16
18 / 17		.2																2	2	1	7
16 / 15																				2	
14 / 11																					1
12 / 9																					
TOTAL	1.6	24.4	26.8	20.7	16.3	5.9	3.0	1.0	.1		.2							900	900	900	900

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.	4610527	62839	69.8	15.751	900							
Dry Bulb	2365425	45305	5[illegible]3	9.713	900		2.4	5.3	.3			4
Wet Bulb	1945609	41027	4[illegible].6	9.156	900		6.6	1.0				5
Dew Point	1562923	36199	40.2	10.908	900		20.5	.6				2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 2 [illegible] | FORBES FLD KS | 63-70,74-75 | APR

STATION | STATION NAME | YEARS | MONTH

 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. Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] / 71		.2	.4	.1														7	7		
[illegible] / 69		.2	.2	.1	.1													6	6	3	2
[illegible] / 67		.4	1.4		.6	.1												23	23	7	4
[illegible] / 65			.3		.9	.1												12	12	10	5
[illegible] / 63	.3	.7	.7	.9	.7	.1		.1										31	31	16	12
[illegible] / 61	.1	.8	.2	.7	.7		.2											24	24	16	15
[illegible] / 59		.7	1.2	.9	.1	.6	.3											34	34	36	9
[illegible] / 57	.7	1.2	.9	.8	1.0	.4	.3	.1	.1									50	50	26	23
5[illegible] / 55	.2	1.8	.3	1.2	1.3	.8		.1										52	52	36	41
[illegible] / 53	.2	1.9	1.0	2.3	.7			.2										57	57	39	34
[illegible] / 51	.3	1.6	1.4	1.7	.9	.2	.3											58	58	34	41
5[illegible] / 49	.3	2.3	1.7	3.0	.7	.3												75	75	61	31
[illegible] / 47		2.0	2.3	1.9	1.0	.2												67	67	69	34
[illegible] / 45		2.8	2.2	1.7	.2													62	62	73	36
[illegible] / 43	.2	2.6	2.2	2.0	.1	.1												65	65	84	57
[illegible] / 41	.1	2.9	3.7	1.4	.6													78	78	65	76
[illegible] / 39	.1	1.9	3.2	.9	.1													56	56	86	90
[illegible] / 37	.2	1.7	1.0	1.1														36	36	70	87
[illegible] / 35		1.3	1.7	1.0														36	36	49	56
[illegible] / 33	.1	1.2	1.6	.8														33	33	43	62
[illegible] / 31	.1	.9	1.0															18	18	31	56
[illegible] / 29		.4	.1															5	5	31	45
[illegible] / 27		.2																2	2	12	34
[illegible] / 25		.8																7	7	3	36
[illegible] / 23		.3																3	3	7	[illegible]
[illegible] / 21																				2	17
[illegible] / 19																					[illegible]
[illegible] / 17																					4
1[illegible] / 15		.2																2	2	1	
[illegible] / 13		.1																1	1	2	
[illegible] / 11																					1
[illegible] / 7																					[illegible]
TOTAL	[illegible].1	31.1	28.9	22.4	9.6	3.0	1.2	.6	.1									900	[illegible].0	900	[illegible]

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5097046	66480	73.9	14.399	900							
Dry Bulb	2174586	43306	48.1	9.826	900		3.8	3.6				[illegible]
Wet Bulb	1846270	39806	44.2	9.415	900		8.9	1.0				[illegible]
Dew Point	1525509	35743	39.7	10.858	900		23.5	.6				[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2[illegible] STATION | FORBES FLD KS STATION NAME | 63-70,74-75 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
[illegible]4/ 73			.1	.1	.1													3	3		
[illegible]2/ 71		.1	.7															7	7	1	
[illegible]0/ 69		.1	1.0	.1	.3													14	14	3	2
[illegible]8/ 67		.1	1.0	.1	.2				.1									14	14	8	2
[illegible]6/ 65		.2	.4	1.0	.6	.1												21	21	13	10
[illegible]4/ 63	.1	.6	.6	.7	.9	.2												27	27	11	13
[illegible]2/ 61	.2	.9	.6	.6	.4	.2	.2											28	28	16	15
[illegible]0/ 59	.1	1.8	1.1	.9	.8	.4	.4											50	50	27	14
[illegible]8/ 57		1.8	1.1	.9	1.2	.8	.1	.1										54	54	28	23
56/ 55	.2	2.0	.3	.7	1.0	.7												44	44	47	40
[illegible]4/ 53	.2	1.9	1.2	2.0	.9	.1												57	57	45	37
[illegible]2/ 51	.2	1.8	1.8	1.6	.8	.2	.2											59	59	45	43
50/ 49	.2	1.6	2.7	1.6	.6	.7	.1											66	66	58	35
[illegible]8/ 47	.1	2.7	1.9	1.9	.9													67	67	69	35
[illegible]6/ 45	.1	2.4	2.3	1.9	.8													68	68	71	40
[illegible]4/ 43	.1	3.7	2.1	1.6	.2	.1												70	70	72	63
[illegible]2/ 41		2.8	2.9	1.4	.1													65	65	80	71
[illegible]0/ 39	.1	3.0	2.4	.8	.2													59	59	75	67
38/ 37	.2	1.3	1.4	1.0														36	36	77	73
36/ 35		1.0	1.8	.4														29	29	35	69
34/ 33	.4	.8	.7	.1														18	18	36	54
[illegible]2/ 31		1.1	1.3															22	22	31	55
30/ 29		.6	.4															9	9	24	59
28/ 27	.1	.1																2	2	11	27
[illegible]6/ 25		.2																2	2	4	33
24/ 23		.2																2	2	3	23
22/ 21		.3																3	3	4	13
[illegible]0/ 19	.1																	1	1	1	9
18/ 17		.1																1	1		7
16/ 15																				1	
14/ 13		.1																1	1	1	
12/ 11		.1																1	1	1	
[illegible]0/ 9																					1
[illegible]/ 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 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1202 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

PAGE 2 0600-0900 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
TOTAL	.7	33.	32	9.9	19.	21	0.0	3.6	1.1	.1	.1							900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5193184	67160	74.6	14.207	900							
Dry Bulb	2233627	43917	48.8	10.040	900		4.4	3.8	.3			9
Wet Bulb	1902882	40482	45.0	9.551	900		8.1	1.2				9
Dew Point	1593780	36592	40.7	10.860	900		20.8	.4				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

1 [illegible] 2 STATION FORBES FLD KS STATION NAME 63-70,74-75 YEARS APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 83										.1							1	1		
[illegible] / 81									.1								1	1		
/ 79				.1		.1	.2				.1						5	5		
7 / 77			.1		.4	.1	.1	.3	.2	.1							13	13		
[illegible] / 75				.1	.2	.1	.4	.3			.1						12	12		
74 / 73			.2	.3	.1	.4	.9	.1	.3	.1	.2	.1					26	26	2	
[illegible] / 71		.1	.4	.6	.4	.1	.8	.3	.2	.1							28	28	1	2
[illegible] / 69		.1		.9	.8	1.0	.2	.7	.7	.3							42	42	12	3
6[illegible] / 67			.6	.9	.6	1.1	.4	.4	.4	.1							41	41	12	5
[illegible] / 65		.3	.8	.8	.8	.8	.7	1.0	.2	.2	.1						51	51	14	10
[illegible] / 63		.6	.6	.9	.4	1.3	.3	1.1	.3	.3							53	53	30	11
[illegible] / 61		1.3	1.0	.8	.8	2.2	.7	.4	.1	.3							69	69	45	18
[illegible] / 59		1.1	1.0	.6	1.2	1.7	1.0	.7	.1								66	66	52	25
[illegible] / 57	.1	1.3	.7	.6	1.1	.9	1.1	.3	.1								56	56	50	40
5[illegible] / 55		1.2	.3	1.2	2.2	2.1	1.0	.2									75	75	57	41
[illegible] / 53	.1	.8	.6	.6	1.3	.8	.7										43	43	67	44
[illegible] / 51		.9	.7	1.2	1.7	1.2	.4		.1								56	56	50	46
50 / 49	.3	.8	.9	1.1	1.4	1.0	.3										53	53	75	34
[illegible] / 47		.9	1.8	1.3	1.6	.2	.2										54	54	60	35
[illegible] / 45		1.6	1.2	.7	1.0	.2											42	42	78	46
[illegible] / 43		.8	.9	1.3	.3	.2											32	32	82	55
[illegible] / 41	.1	.7	.6		.2												14	14	68	60
[illegible] / 39		.8	.8	.9	.3												25	25	31	65
3 / 37		.3	.2	.4													9	9	37	66
[illegible] / 35		.2	.6	.3													10	10	19	55
3[illegible] / 33	.1	.4	.9														13	13	16	56
[illegible] / 31			.3														3	3	14	41
[illegible] / 29		.1															1	1	9	37
[illegible] / 27			.1														1	1	3	30
[illegible] / 25			.1														1	1		24
24 / 23		.1															1	1	1	16
[illegible] / 21		.3															3	3	3	14
[illegible] / 19																			2	10
[illegible] / 17																				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 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

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
19 / 19																					1
13 / 13																					
11 / 11																					1
TOTAL	.3	14.8	15.2	15.6	17.0	15.7	9.6	6.0	3.0	1.8	.6	.1						900			
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3671691	55019	61.1	18.517	900		1.0	16.9	5.8	.4		
Dry Bulb	2989207	50971	56.6	10.677	900		3.2	2.7	.2			9
Wet Bulb	2277523	44501	49.4	9.264	900		18.4	.9				9
Dew Point	1716220	37926	42.1	11.448	900							9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13928 FORBES FLD KS 63-70,74-75 APR
STATION STATION NAME YEARS 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. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89												.1						1	1	
8/ 87									.1		.1		.3	.1				6		
6/ 85								.1			.1		.1					3		
4/ 83									.2	.2		.4						8	8	
/ 81						.1		.4	.3	.6	.2	.3			.2			20	20	
/ 79				.2	.2			.4	.3	.2	.3	.2	.2	.2				22	22	
7 / 77					.1	.7	.7	.3	.6	.3	.6	.3	.4					36	36	
6/ 75				.1	.2	.6	.9	1.1	.7	.6	.1		1					39	39	
4/ 73				.2	.6	.9	.9	.1	.9	.3	.3	.1						39	39	3
2/ 71			.1	1.0	.8	.1	1.6	1.0	.9	.4	.3	.1						57	57	5 2
/ 69			.4	.3	.3	1.0	.3	.3	.6	1.0	.8	.2						48	48	2 1
6/ 67		.1	1.1	.4	.2	.2	.7	1.2	1.2	.7	.2							55	55	27 2
6/ 65		.1	.6	1.1	.7	.4	1.8	1.3	1.1	.2	.4							70	70	38 9
4/ 63		1.1	1.0	1.2	.3	1.2	1.3	1.1	.2	.2								70	70	60 13
2/ 61		.6	.1	.6	.3	.8	1.2	1.2	.4	.4								51	51	58 34
0/ 59		.2	.2	.3	.6	1.7	1.4	1.0	.6									54	54	55 36
8/ 57		.8	.4	.2	1.2	1.1	.9	.9	.1	.1								52	52	57 39
56/ 55		.8	.6	.3	.6	1.7	2.1	.2	.2									58	58	56 42
4/ 53		.6	.3	1.0	.8	1.2	.3	.4	.1									43	43	71 42
2/ 51		.8	1.0	.6	1.2	.6	.4	.2										43	43	79 40
50/ 49		.4	.6	.6	.8	.2	.4	.1										28	28	78 33
48/ 47		.1	.3	.7	.1	.7												17	17	74 30
46/ 45		1.0	.3	.3		.1												16	16	59 55
44/ 43		.7	.9	.4	.6	.1												24	24	66 63
42/ 41			.2	.1	.2													5	5	30 46
40/ 39			.3	.8	.1													11	11	20 60
38/ 37			.7	.2														8	8	19 55
36/ 35	.1	.3																4	4	12 60
34/ 33	.1	.4	.1	.1														7	7	21 50
32/ 31																				1 54
30/ 29	.1		.1															2	2	2 26
28/ 27																				1 42
26/ 25																				1 15
24/ 23		.3																3	3	13

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13721 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
27 / 21																				3 2
23 / 19																				6
19 / 17																				6
15 / 15																				5
13 / 13																				3
11 / 11																				1
TOTAL	.3	8.3	9.4	10.9	9.9	13.3	15.0	11.7	8.6	5.3	3.6	1.9	1.2	.3	.2			900	900	900
																		900	900	

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.	2779339	46693	51.9	19.923	900							
Dry Bulb	3616891	56139	62.4	11.316	900		.5	33.4	17.4	5.3		900
Wet Bulb	2528119	47017	52.2	8.943	900		.8	3.7	.3			900
Dew Point	1746543	38219	42.5	11.723	900		19.2	.5				900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 2 2 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR 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
87 / 87										.1	.4	.2	.1	.3				11	11		
85 / 85								.2			.2	.1		.2				7	7		
83 / 83								.1	.2	.2	.4	.3						12	12		
81 / 81									.2	.6	.3	.2	.1	.3				16	16		
79 / 79					.1	.1		.3	1.0	.2	.6	.2	.3	.2				28	28		
77 / 77					.1	.4	.3	.7	.6	.3	.1	.1	.3	.2				29	29		
76 / 75				.2	1.0	.6	1.0	.3	.2	.7	.6	.3	.1					45	45		
74 / 73				.6	.3	.8	.7	.8	.6	.7	.8	.7						52	52	1	
72 / 71			.1	.4	.6	.2	1.1	.8	1.0	.7	.8	.4						55	55	3	
70 / 69			.4	.9	.4	.7	.9	.9	2.1	1.2	.2							70	70	8	1
68 / 67			.7	.6	.1	.4	.8	1.3	.8	.8	.3							52	52	27	1
66 / 65		.2	.7	.8	.2	.7	1.7	.9	.7	.8								59	59	44	11
64 / 63	.1	.6	.4	1.2	.6	1.1	1.3	1.2	.3	.4								66	66	59	25
62 / 61		.4		.3	.3	.7	1.8	1.9	.4	.9								61	61	45	18
60 / 59		1.1	.2	.1	.2	1.0	1.3	1.4	.4	.6								58	58	46	35
58 / 57		.3	.3	.6	.7	1.1	.9	1.0	.4									48	48	67	51
56 / 55		.8	.8	.8	.8	1.2	.6	.8	.1									52	52	67	44
54 / 53		1.2	.4	1.3	.1	.7	.4	.3										41	41	91	37
52 / 51		.3	.6	1.0	1.8	.3	.2	.2										40	40	83	37
50 / 49			.2	.4	.4	.1	.4											15	15	75	45
48 / 47		.4	.2	.4	.2	.3	.2											17	17	68	55
46 / 45		.4	.7	.4	.3	.3												20	20	73	58
44 / 43		.6	.3	.1	.9													17	17	43	52
42 / 41			.2	.3	.1													6	6	33	59
40 / 39			.6	.1														6	6	15	76
38 / 37		.2	.3	.1														6	6	16	52
36 / 35	.3	.1	.1															5	5	22	56
34 / 33		.2																2	2	7	51
32 / 31		.1																1	1	4	46
30 / 29																					45
28 / 27																					35
26 / 25																					16
24 / 23		.3																3	3	3	19
22 / 21																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-20 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

PAGE 2 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] / 19																				16
19 / 17																				7
18 / 15																				2
TOTAL	.4	7.4	7.3	10.8	9.3	10.8	13.7	13.2	9.1	8.1	4.8	2.7	1.0	1.3				900		900
																	900		900	

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.	2582097	44601	49.6	20.337	900							
Dry Bulb	3753512	57264	63.6	11.061	900		.4	37.7	20.0	6.3		90
Wet Bulb	2564047	47421	52.7	8.531	900		.7	3.9	.1			9
Dew Point	1722219	37961	42.2	11.605	900		19.8	.2				9

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

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

PAGE 1 1500-2000 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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] / 83							.2				.3		.1					6	6		
[illegible] / 81								.1	.1		.3							5	5		
/ 79							.1	.1	.3	.1	.4		.1					11	11		
7 / 77					.1	.2	.2	.2	.1	.1	.1	.1						11	11		
[illegible] / 75				.7	.2	.1	.4	.3	.1	.1	.3	.2						23	23		
4 / 73				.2	.3	.6	.2	.3	.1	.2	.6							23	23		
[illegible] / 71				.4	.6	.4	1.1	.2	.3	.6	.1	.1						35	35	3	
[illegible] / 69			.7	1.1	.7	.8	1.2	.3	.4	.8	.2							54	54	6	
6 / 67		.3	1.0	.8	1.0	.4	.3	1.2	1.1	.4	.1							61	61	9	3
[illegible] / 65		.4	1.1	.2	.6	.1	.9	1.2	1.2	.2	.1							53	53	26	10
[illegible] / 63		.2	.4	.1	.4	1.0	1.9	.7	.9									51	51	48	14
[illegible] / 61		1.0	.8	.4	1.4	1.2	2.0	1.0	.4	.2								77	77	44	23
[illegible] / 59		.7	.7	.8	1.3	1.6	.7	1.7	.4									70	70	44	32
[illegible] / 57		1.1	.3	.7	.9	1.3	.8	.8	.3									56	56	38	37
5 / 55		1.4	.6	.8	1.3	1.4	1.0	.7	.1									66	66	52	27
[illegible] / 53	.1	1.0	.8	1.6	1.9	1.2	.7	.3										68	68	79	40
[illegible] / 51		1.0	.7	.9	2.2	.9	.7	.3										60	60	95	39
[illegible] / 49		.2	.8	1.2	1.0	.9	.3											40	40	88	35
[illegible] / 47		.3	.4	1.0	.7	.4												26	26	77	39
[illegible] / 45		.7	1.0	.3	.4	.4												26	26	68	42
[illegible] / 43		1.1	.4	.4	.2	.3												23	23	77	54
[illegible] / 41		.3	.4	.3	.3	.1												14	14	52	53
[illegible] / 39			.8	.4	.2													13	13	29	71
3 / 37	.1	.3		.3														7	7	24	64
[illegible] / 35	.2	.6	.1															8	8	16	71
[illegible] / 33		.1	.1															2	2	15	46
[illegible] / 31		.3	.1															4	4	9	60
[illegible] / 29		.1																1	1	2	34
[illegible] / 27																				1	28
[illegible] / 25		.2																2	2		20
[illegible] / 23		.1																1	1	3	14
[illegible] / 21																					17
[illegible] / 19																					18
[illegible] / 17																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

 1800-2100 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 Dew Point
TOTAL	.4	11.7	11.3	12.8	15.9	13.6	12.6	9.6	5.9	2.8	2.7	.4	.2					897		897
																	897		897	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3155249	50225	56.0	19.567	897		.8	23.0	7.9	1.9		9
Dry Bulb	3226932	53006	59.1	10.279	897		1.5	2.0				9
Wet Bulb	2352776	45288	50.5	8.600	897		19.8	.3				9
Dew Point	1680170	37472	41.8	11.318	897							9

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78 / 77				.1														1	1		
76 / 75			.3	.1		.1	.1		.1									7	7		
74 / 73		.1	.1	.3	.2	.1	.4	.1										13	13	1	
72 / 71			.2	.4	.2	.2		.1		.1		.1						13	13	5	1
70 / 69			.6	.6	.3	.3	.4	.2										22	22	1	3
68 / 67			.9	.7	1.0	.6	.1	.3	.2		.1							35	35	7	
66 / 65		.3	1.2	.7	1.0	.3	.6	.1	.2	.1								41	41	16	6
64 / 63		.4	.8	.8	.6	.3	.7	.4	.2									38	38	15	8
62 / 61		1.0	.1	.3	.6	.7	.9	.3	.1									36	36	33	21
60 / 59		.8	.1	.9	1.0	1.3	1.1	.6										52	52	36	26
58 / 57		2.5	.7	.4	2.6	2.2	.6	.1	.1									82	82	42	27
56 / 55	.1	1.6	.7	1.7	1.8	1.4	.6	.2										72	72	39	36
54 / 53	.1	1.8	1.0	1.6	1.9	1.2	.4	.2										74	74	45	44
52 / 51		1.8	2.5	1.0	1.7	.4	.3	.1										70	70	57	38
50 / 49		1.0	1.2	2.1	.9	.7	.7											59	59	98	36
48 / 47		.7	2.2	2.6	1.8	.4												69	69	89	40
46 / 45		1.3	.9	2.8	.3	.4												52	52	64	43
44 / 43		1.9	1.7	1.2	.8	.1												51	51	97	50
42 / 41		.7	.8	1.7	.4													32	32	72	62
40 / 39	.1	.6	.8	.4	.2		.1											20	20	58	56
38 / 37	.3	.7	.7	.8														22	22	44	66
36 / 35		.3	.8	.3														13	13	32	74
34 / 33		.6	.4	.1														10	10	16	66
32 / 31		.3	.3															6	6	21	33
30 / 29		.1																1	1	9	48
28 / 27		.3																3	3	4	28
26 / 25																				3	18
24 / 23		.1																1	1		22
22 / 21		.1																1	1	1	17
20 / 19		.1																1	1	1	10
18 / 17																				1	6
16 / 15																					1
14 / 13																					2
-2 / -3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.7	19.1	19.0	21.6	17.3	11.0	7.0	2.9	1.0	.2	.1	.1						897	897	897	897

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4051361	58279	65.0	17.185	897							
Dry Bulb	2650750	47982	53.5	9.689	897		1.3	9.1	2.1			
Wet Bulb	2297727	42641	47.5	8.882	897		4.0	1.4	.1			
Dew Point	1623181	36851	41.1	11.042	897	.1	18.7	.6				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2 STATION — FORBES FLD KS STATION NAME — 63-70,74-75 YEARS — APR MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 89												.0						1	1	
8[illegible] / 87									.0	.0	.1	.0	.1	.1				17	17	
8[illegible] / 85								.0			.0	.0	.0	.0				10	10	
4[illegible] / 83							.0	.0	.1	.1	.1	.1	.0					27	27	
[illegible] / 81						.0		.1	.1	.1	.1	.1	.0	.0	.0			42	42	
[illegible] / 79				.0	.0	.0	.0	.1	.2	.1	.2	.1	.1	.1				66	66	
7[illegible] / 77			.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.0				90	90	
[illegible]6 / 75			.0	.2	.2	.2	.4	.3	.1	.2	.1	.1	.0					126	126	
[illegible]4 / 73		.0	.1	.3	.2	.3	.4	.2	.2	.2	.2	.1						159	159	7
[illegible] / 71		.1	.3	.4	.3	.2	.6	.3	.3	.2	.2	.1						212	212	19
[illegible] / 69		.1	.5	.5	.4	.5	.4	.3	.5	.4	.2	.0						271	271	42
6[illegible] / 67		.1	1.0	.4	.5	.4	.3	.6	.5	.3	.1							306	306	101
6[illegible] / 65		.3	.7	.7	.7	.3	.7	.6	.4	.2	.1							335	335	171
[illegible]4 / 63	.1	.6	.6	.8	.5	.7	.7	.6	.3	.1	.0							362	362	258
[illegible]2 / 61	.0	.9	.4	.5	.7	.8	.9	.7	.2	.2								343	343	271
[illegible]0 / 59	.0	.9	.7	.6	.7	1.0	.9	.7	.2	.1								415	415	328
[illegible] / 57	.1	1.3	.6	.6	1.3	1.1	.6	.4	.2	.0								456	456	335
56 / 55	.1	1.4	.5	1.2	1.4	1.2	.7	.3	.1									466	466	369
4[illegible] / 53	.1	1.3	.9	1.5	1.3	.7	.3	.2	.0									455	455	479
2[illegible] / 51	.1	1.3	1.3	1.1	1.5	.5	.3	.1	.0									451	451	463
5[illegible] / 49	.1	1.0	1.3	1.5	.9	.6	.3	.0										408	408	605
4[illegible] / 47	.1	1.1	1.4	1.6	.9	.3	.1											393	393	597
4[illegible] / 45	.0	1.4	1.3	1.3	.5	.3												346	346	557
44 / 43	.0	1.8	1.4	1.0	.4	.1												349	349	598
42 / 41	.1	1.1	1.5	.8	.3	.0												265	265	481
4[illegible] / 39	.1	.9	1.3	.6	.2		.0											222	222	386
3[illegible] / 37	.2	.7	.7	.6														156	156	337
[illegible] / 35	.1	.6	.8	.4														133	133	219
3[illegible] / 33	.1	.7	.5	.2														106	106	193
[illegible] / 31	.0	.4	.5															66	66	141
[illegible] / 29	.0	.2	.1															22	22	90
[illegible] / 27	.0	.1	.0															11	11	39
[illegible] / 25		.2	.0															15	15	16
[illegible] / 23		.2																14	14	19

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 2 STATION | FORBES FLD KS STATION NAME | 63-70,74-75 YEARS | APR 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
2/ 21		.1																7	7	13	13
1/ 19	.0	.0																3	3	4	1
1/ 17		.0																3	3	2	
1/ 15		.0																2	2	4	7
1/ 13		.0																2	2	3	
1/ 11		.0																1	1	1	
1/ 9																					
7/ 7																					
-1/ -3																					1
TOTAL	1.3	18.8	18.5	16.8	13.2	9.6	7.9	5.6	3.5	2.3	1.5	.7	.3	.2	.0			7194		7194	7194
																		7194		7194	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	31140094	451296	62.7	19.833	7194							
Dry Bulb	23006930	397890	55.3	11.792	7194		14.6	132.8	53.8	13.9		7
Wet Bulb	17508953	348183	48.4	9.559	7194		33.8	16.9	.7			7
Dew Point	13170345	296963	41.3	11.260	7194	.1	160.6	4.1				7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17522 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

PAGE 1 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
7 / 77			.1	.1	.2													4	4		
76/ 75			.2	1.0	.2													13	13		
74/ 73		.2	.8	.2	.6	.1												18	18	1	
72/ 71		.3	1.1	.9	.8	.1		.2	.1									32	32	10	1
70/ 69		.2	2.4	1.9	1.0	.4	.1	.1										57	57	22	11
68/ 67		.9	3.5	1.5	1.0	1.0	.3											76	76	24	22
66/ 65	.1	1.9	1.9	2.2	.4	.2	.1											64	64	47	22
64/ 63	.2	2.6	2.3	.8	1.1	.8	.6											77	77	58	43
62/ 61	.4	2.6	1.6	2.4	1.0	.5	.2											81	81	66	84
60/ 59	.1	2.5	1.5	2.3	1.6	.5	.2											51	51	72	51
58/ 57		2.7	2.8	1.8	1.9	.3												89	89	61	72
56/ 55	.1	2.6	2.0	1.8	1.2		.1											73	73	97	63
54/ 53		2.8	1.6	1.8	1.6	.3												76	76	92	59
52/ 51	.3	1.4	1.3	1.4	.8	.3	.1											52	52	83	77
50/ 49	.1	.8	1.0	.4	.3	.2												26	26	66	72
48/ 47		1.2	1.3	.9	.4													35	35	46	53
46/ 45		.4	1.8	.9	.1													30	30	47	59
44/ 43	.1	.9	1.5	.8														30	30	34	50
42/ 41		.3	.2	.1														6	6	45	38
40/ 39		.1		.4														5	5	20	39
38/ 37		.1	.1	.1														3	3	10	40
36/ 35			.1	.1														2	2	4	26
34/ 33																				3	14
32/ 31																				2	15
30/ 29																					13
28/ 27																					6
26/ 25																					2
24/ 23																					1
TOTAL	1.5	24.4	29.1	23.7	14.2	4.8	1.8	.3	.1									930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5407725	698121	75.1	13.360	930							
Dry Bulb	3322984	55068	59.2	8.186	930			20.0	3.5			93
Wet Bulb	2851336	50936	54.8	8.141	930		.2	5.7	.1			93
Dew Point	2503648	47408	51.0	9.675	930		3.4	3.4				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13 2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 81											.1							1	1		
7 / 77			.2	.1														3	3		
/ 75			.3	.5														8	8		
4/ 73				1.0														9	9	2	
/ 71		.5	.3	.6		.1												15	15	7	2
/ 69	.1	.9	1.7	1.1	.5			.2										42	42	18	10
6 / 67		1.1	2.5	1.0	.4		.3											49	49	14	12
6/ 65		1.7	1.9	1.0	.6	.1	.2											52	52	37	27
4/ 63	.3	3.2	1.5	1.2	.6	.4												68	68	55	40
/ 61	1.0	4.1	1.7	1.8	.6	.3												89	89	86	64
/ 59	.1	4.2	1.8	2.0	.9	.3	.2	.1										90	90	60	65
/ 57	.2	3.7	2.4	1.4	1.3	.2	.1	.1										87	67	71	60
5 / 55	.5	4.0	2.2	1.9	.1		.1											82	82	90	73
4/ 53	.1	2.9	2.4	1.9	.9	.1												77	77	85	66
/ 51	.2	2.2	1.6	1.1	.9	.2												57	57	81	69
/ 49	.2	1.3	3.2	1.2	.3													58	58	65	72
/ 47		.9	1.1	.8	.3													28	28	66	55
/ 45		1.1	2.4	.5	.1													38	38	43	48
4/ 43	.1	1.1	1.5	.5														30	30	43	64
2/ 41	.2	.8	1.5	.2	.1													26	26	41	40
/ 39		.8	.3	.2														12	12	33	42
/ 37		.3																3	3	17	40
/ 35		.1	.1	.1														3	3	10	23
4/ 33		.1	.2															3	3	1	22
2/ 31																				3	14
/ 29																				2	11
/ 27																					7
/ 23																					1
2/ 21																					3
TOTAL	.1	34.7	30.9	20.2	7.7	1.8	1.0	.4			.1								930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5954292	73438	79.0	12.926	930
Dry Bulb	3101361	53147	57.1	8.310	930
Wet Bulb	2730332	49796	53.5	8.303	930
Dew Point	2449856	46874	50.4	9.694	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			12.7	2.1	.1		93
Wet Bulb		.5	4.1	.2			93
Dew Point		3.6	2.4				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13723 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

 0600-0900 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
≥ / 79				.2					.1									3	3		
78 / 77			.1	.3														4	4		
76 / 75			.1	.4	.2	.2												9	9		
74 / 73		.2	.6	1.1	.4	.2	.1	.1										26	26	4	
72 / 71		.5	1.5	1.3	.3	.2	.3	.1										40	40	10	5
70 / 69		1.0	2.0	1.4	.9	.2	.2											53	53	17	13
68 / 67		.4	2.4	1.3	1.4	.8	.1											59	59	36	21
66 / 65	.3	1.8	2.0	1.4	.4	.6												62	62	50	28
64 / 63	.1	3.1	1.4	2.4	1.2	.3	.1											80	60	62	44
62 / 61	.4	2.9	2.6	.5	1.1	.3	.4											77	77	79	72
60 / 59	.4	1.9	2.2	1.6	1.4	.4	.1											75	75	77	62
58 / 57	.3	4.0	1.7	1.9	1.0	.5												68	88	77	56
56 / 55	.4	3.3	1.8	1.4	.9	.2												75	75	84	65
54 / 53	.1	2.2	2.7	1.5	.6	.3	.2											71	71	74	73
52 / 51	.2	1.8	1.6	1.7	.6	.3												59	59	78	56
50 / 49		.6	1.9	1.1	.8													41	41	61	72
48 / 47		1.3	1.0	.8	.1													29	29	57	56
46 / 45		.9	1.3	.3														23	23	50	67
44 / 43	.1	.9	1.3	.2														23	23	41	42
42 / 41		.6	.8	.3		.2												18	18	25	33
40 / 39	.1	.2	.4		.1													8	8	24	42
38 / 37		.1	.1	.1														3	3	11	35
36 / 35				.1														1	1	5	29
34 / 33	.1		.1															2	2	2	14
32 / 31		.1																1	1	4	10
30 / 29																				2	4
28 / 27																					6
26 / 25																					2
24 / 23																					1
22 / 21																					2
20 / 17																					1
16 / 15																					
TOTAL	2.7	28.0	29.7	21.4	11.4	4.9	1.6	.2	.1										930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5644565	71361	76.7	13.483	930							
Dry Bulb	3302445	54847	59.0	8.545	930		.1	19.4	4.2			93
Wet Bulb	2860314	50990	54.8	8.341	930		.6	6.7	.4			93
Dew Point	2539294	47746	51.3	9.734	930		2.6	3.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY 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
8/ 87											.1							1		1		
8/ 85						.1	.1			.1								3		3		
4/ 83						.3	.2	.2	.2	.2	.2	.2						15		15		
./ 81					.3	1.1	.8	.3	.5	.2	.1	.1						32		32		
/ 79				.3	1.3	1.2	.5	.4	.1	.3	.1	.1						41		41		
7./ 77				.8	1.2	1.6	1.0	1.1	.8	.2	.2							63		63		
7e/ 75			.4	1.4	2.0	1.2	1.2	.5	.2	.5								70		70	2	
74/ 73		.2	.5	1.5	1.5	1.2	1.2	.4	.3	.3	.1							68		68	19	
./ 71		.1	1.4	1.5	1.2	1.1	.6	.9	.2	.2								67		67	45	9
/ 69	.1	.3	1.1	1.2	1.3	.9	1.3	.2	.4		.1							64		64	56	24
/ 67		.5	1.6	1.5	.9	.5	1.2	.6	.3	.1								68		68	69	50
6/ 65	.1	1.0	.6	1.5	1.2	1.4	.6	.5		.1								66		66	79	40
4/ 63		1.0	1.4	1.1	.8	1.0	.9	.4	.4									64		64	92	66
./ 61	.2	.9	.5	.8	1.8	1.4	.6	.3	.1									62		62	74	63
./ 59	.4	1.0	1.5	.5	.8	1.5	.8	.2										62		62	64	67
/ 57		.9	.9	1.0	.4	.9	.6											43		43	80	72
5./ 55		.8	.3	.5	1.4	.3	.2											33		33	62	60
4/ 53		1.2	1.0	.8	.9	.6	.1											42		42	74	49
./ 51		.8	.2	.1	.2	.1												13		13	46	58
5./ 49		.2	.6	.5	.3	.2	.1											19		19	52	63
/ 47		.2	.4	.4	.1	.1												12		12	43	40
4./ 45		.4	.2	.2	.2	.2												12		12	26	53
.4/ 43		.4	.3	.1														8		8	20	42
./ 41					.1													1		1	15	36
4 / 39																					4	34
3./ 37																					4	35
./ 35																					3	15
3./ 33																						12
./ 31																						14
./ 29																						10
/ 27																						7
2./ 23																						4
/ 19																						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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 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	.9	9.8	13.1	15.7	17.9	16.9	12.1	6.2	3.7	2.4	1.0	.4							929	929	929	929

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.	3972978	58668	63.2	16.994	929							
Dry Bulb	4221746	62120	66.8	9.360	929			49.3	29.3	7.2		93
Wet Bulb	3287108	54726	58.9	8.258	929			19.1	2.1			93
Dew Point	2696784	49110	52.9	10.415	929		3.3	8.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12[illegible] STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

PAGE 1 | 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - [illegible]	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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]/ 95											.1							1	1		
[illegible]/ 91									.1	.1			.1					3	3		
[illegible]/ 89							.2	.1	.1		.2	.3			.1			10	10		
[illegible]/ 87						.1	.2	.6	.2	.3	.4	.2	.1	.1	.1			23	23		
[illegible]/ 85						.3	.3	1.7	.6	.5	.3	.2	.4	.1				43	43		
[illegible]/ 83					.3	1.2	1.5	.9	1.1	1.3	.2	.5	.2					67	67		
[illegible]/ 81					.5	1.1	1.3	.4	.6	1.0	.4	.6	.1					62	62		
[illegible]/ 79				.3	.8	1.2	1.4	1.1	1.2	.9	.4	.2						69	69	1	
[illegible]/ 77				.2	.6	1.4	1.3	.6	1.5	.2	.2	.3						60	60	2	
[illegible]/ 75				.6	1.4	1.4	.4	.8	1.0	.3	.3	.1						59	59	13	1
[illegible]/ 73				1.0	.9	1.2	.6	1.6	.9	.4	.4							65	65	40	2
[illegible]/ 71		.4	.5	1.5	1.1	.9	1.3	1.3	1.1	.5								80	80	59	6
[illegible]/ 69		.1	.9	.8	1.0	.9	1.1	.9	.9	.2	.1							62	62	59	31
[illegible]/ 67	.1	.2	1.2	.4	.5	.9	1.4	.6	.8	.3								60	60	87	39
[illegible]/ 65	.1	.8	.2	.2	.9	.3	.9	.6	.8	.2								46	46	94	63
[illegible]/ 63		.5	.2	.3	.5	.6	.6	1.1	.5									42	42	87	62
[illegible]/ 61		1.2	.5	.3	.8	.4	.9	.9	.2									48	48	64	74
[illegible]/ 59		.2	.3	.5		.3	.4											17	17	80	53
[illegible]/ 57		.2	.5	.6		.3	.5	.1										22	22	60	61
[illegible]/ 55		.6	.2	.3	.2	.6	.4	.1										24	24	64	53
[illegible]/ 53		1.5	.3	.3	.8	.4	.1	.1										33	33	55	38
[illegible]/ 51		.1	.5	.4		.2	.1											13	13	42	61
[illegible]/ 49		.1	.2	.1		.2												6	6	44	54
[illegible]/ 47		.3	.2	.3														8	8	31	43
[illegible]/ 45		.3	.3															6	6	24	49
[illegible]/ 43																				11	36
[illegible]/ 41																				9	37
[illegible]/ 39																				3	33
[illegible]/ 37																					40
[illegible]/ 35																					24
[illegible]/ 33																					18
[illegible]/ 31																					12
[illegible]/ 29																					10
[illegible]/ 27																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
25 / 25																				1
24 / 23																				5
TOTAL	.2	6.7	6.2	8.4	10.2	14.0	15.6	13.6	11.5	6.4	3.2	2.6	1.0	.2	.2		929	929	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3016161	50215	54.1	18.037	929
Dry Bulb	4880664	66690	71.8	10.021	929
Wet Bulb	3501353	56533	60.9	8.115	929
Dew Point	2699332	49076	52.8	10.728	929

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			66.5	46.2	24.8	.1	93
Wet Bulb			26.1	5.6			93
Dew Point		3.1	7.9	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1362 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ / 91										.2	.1	.2						5	5		
9≥ / 89							.1	.1	.1	.1	.1	.4	.3	.1	.2			15	15		
8≥ / 87						.1	.1	1.2	.1	.1	.4	.4	.5		.1			29	29		
6≥ / 85						.4	.8	1.5	1.1	.5	1.0	.5	.3	.1				58	58		
4≥ / 83					.2	.6	1.3	2.4	1.3	.6	1.0	.6	.5					80	80		
≥ / 81					.3	.6	1.3	1.9	.6	.4	.5	.4						58	58		
≥ / 79					.5	1.1	1.4	1.5	.6	1.2	.3	.5						67	67	1	
7 / 77				.1	.8	1.5	1.0	.8	1.2	.5	.8	.4						65	65	2	
76 / 75					1.4	.9	.8	1.1	1.7	.2	.3	.2						61	61	11	1
74 / 73		.1	.2	.9	1.0	1.4	1.5	.9	1.3	.4	.1							72	72	4≥	3
7≥ / 71		.2	.5	.4	.5	1.2	1.2	1.1	1.2	1.2	.2							72	72	49	6
≥ / 69		.2	.4	.1	.3	1.3	1.2	1.1	.8	.4	.1							55	55	65	22
6≥ / 67		.8	.6	.3	.4	1.0	.5	1.2	1.3	.4								61	61	108	32
66 / 65	.2	.9	.5	.3	.1	.4	.5	1.0	.9	.6								51	51	71	58
64 / 63		.3	.4	.8	.3	.4	.5	.9	.3									37	37	89	78
≥ / 61		.5	.1	.3	.3	.8	.5	.1										25	25	31	63
≥ / 59		.2	.1	.5	.1	.1	.9											18	18	85	55
5 / 57		.6	.2	.3	.1	.8	.2	.5										26	26	58	53
5≥ / 55		.8	.3	.6	.6	.4		.4										30	30	56	49
54 / 53		1.3	.4	.2	.4	.2		.1										25	25	70	58
≥ / 51	.1		.4	.1	.2													8	8	44	78
5≥ / 49				.2														2	2	38	44
4 / 47				.1														1	1	28	53
4≥ / 45	.3	.3	.3															9	9	16	46
44 / 43																				12	39
42 / 41																				5	43
4 / 39																				1	31
3≥ / 37																					4≥
3≥ / 35																					41
34 / 33																					3
≥ / 31																					9
3≥ / 29																					11
2≥ / 27																					6
≥ / 25																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-72,73-74 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					3
22/ 21																					1
TOTAL	.6	6.2	4.7	5.4	7.7	13.2	13.8	17.6	12.5	7.1	4.9	3.9	1.7	.2	.3			930	930	930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2780562	47938	51.5	18.254	930							
Dry Bulb	5037940	67830	72.9	9.882	930			69.8	51.0	27.7		93
Wet Bulb	3527738	56818	61.1	7.796	930			27.6	5.4			93
Dew Point	2661920	48770	52.4	10.600	930		3.2	6.4	.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.1		.1		.1							3	3		
86/ 85						.1	.2				.1	.2	.1	.1				8	8		
84/ 83				.1		.4	.1	.2	.2	.2	.1	.2						15	15		
82/ 81					.5	.3	1.0	.5	.5	.3	.4	.4						38	38		
80/ 79			.2	.3	.9	.9	1.4	.6	.6	.1	.1	.2						50	50		
78/ 77			.1	.5	.9	2.0	1.7	1.0	.9	.3	.2	.1						71	71	1	
76/ 75			.2	.8	1.3	1.3	1.1	1.2	.5	.5	.2							66	66	6	1
74/ 73		.1	.2	1.2	1.7	1.1	1.4	1.0	.5	.2	.1							70	70	20	3
72/ 71			1.1	1.1	1.5	1.0	1.1	1.0	.9	.1	.1							72	72	21	10
70/ 69		.2	.9	1.0	.9	2.0	1.6	1.0	.6	.3								79	79	44	17
68/ 67	.1	.3	2.2	.6	1.1	1.7	1.3	.5	.4									77	77	73	25
66/ 65	.5	.5	1.4	.9	1.2	.8	1.2	1.1	.3	.1								74	74	95	37
64/ 63		.3	1.2	.5	.9	.8	1.1	1.2	.3	.1								59	59	89	63
62/ 61	.1	1.2	.8	1.3	1.1	1.4	.6	.3	.3									66	66	79	73
60/ 59		.3	.6	.9	.4	.6	1.2	.2										40	40	89	74
58/ 57	.1	.9	.8	.3	.9	.5	.4	.1										37	37	78	51
56/ 55	.1	.2	.3	.4	.5	.2	.4											21	21	73	59
54/ 53		1.2	.4	.4	.5	.8	.3											34	34	66	64
52/ 51	.1	.4	.8	.3	.6	.2	.1											24	24	55	83
50/ 49	.2		.4	.4	.1	.1												12	12	48	50
48/ 47		.1	.1	.1	.1	.1												5	5	33	51
46/ 45	.1	.4	.3															8	8	32	37
44/ 43																				15	54
42/ 41																				8	35
40/ 39																				3	35
38/ 37																				1	39
36/ 35																					24
34/ 33																					19
32/ 31																					4
30/ 29																					9
28/ 27																					5
26/ 25																					5
24/ 23																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	1.4	6.2	11.9	11.2	15.1	16.4	16.4	9.9	6.2	2.4	1.5	1.2	.1	.1				929	929	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3550541	55001	59.2	17.806	929							
Dry Bulb	4391843	63347	68.2	8.827	929			55.0	32.1	5.7		92
Wet Bulb	3306029	54963	59.2	7.644	929			16.5	2.7			93
Dew Point	2631129	48525	52.2	10.197	929		2.5	5.6	.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | MAY MONTH

 21 00-23 00 HOURS (LST)

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
≥ / 81					•1													1	1		
≤ / 79				•2	•1	•1			•1									5	5		
78 / 77			•1	•5	•4	•3	•1	•1										15	15		
76 / 75		•1	•5	•4	•9	•9		•5										31	31		
74 / 73			•1	1•5	•9	1•2	•2	•1	•2	•1								40	40	7	1
72 / 71			1•2	1•5	1•8	•3	•9		•2									55	55	15	4
70 / 69		•6	2•4	2•0	1•3	•6	1•1											75	75	13	12
68 / 67	•1	1•1	2•5	1•9	2•3	1•1	•6	•2	•1									92	92	46	18
66 / 65	•6	1•1	2•4	2•0	1•6	•8	•8											86	86	69	36
64 / 63	•1	1•8	1•5	2•2	1•0	•9	•6	•3										78	78	96	53
62 / 61	•1	1•1	1•1	2•5	2•2	1•2	•8											82	82	73	80
60 / 59	•2	1•7	1•7	1•3	2•6	•9	•3											81	81	90	62
58 / 57		1•6	1•7	1•5	1•8	1•1	•2											74	74	78	67
56 / 55	•1	1•5	•6	•9	1•8	•6	•5											57	57	91	68
54 / 53		1•7	•9	1•3	1•0	•2	•2											49	49	77	63
52 / 51		1•1	•6	•6	1•3	•1												35	35	73	84
50 / 49	•3		•8	1•1	•3													23	23	56	62
48 / 47		•9	•8	•6	•5													26	26	43	45
46 / 45		•2	1•0	•4	•3													18	18	43	55
44 / 43		•2	•1		•3													6	6	39	43
42 / 41				•1														1	1	15	44
40 / 39																				9	37
38 / 37																				2	37
36 / 35																				3	27
34 / 33																					9
32 / 31																					5
30 / 29																					2
28 / 27																					0
26 / 25																					3
24 / 23																					1
TOTAL	1•6	14•7	19•9	22•7	22•5	10•2	6•3	1•3	•6	•1									930		930
																		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.	4725096	64828	69.7	14.895	930							
Dry Bulb	3681599	58053	62.4	7.887	930			31.4	9.2	•2		43
Wet Bulb	3035114	52648	56.6	7.671	930			8.3	•7			93
Dew Point	2586939	48235	51.9	9.577	930		2.3	3.5	•1			43

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMAR

1[illegible]2 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
MAY — MONTH

PAGE 1 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. Dry Bulb	TOTAL Wet Bulb	Dew P
[illegible] / 99											.0							1	1	
[illegible] / 91									.0	.0	.0	.0	.0					8	8	
[illegible] / 89							.0	.0	.0	.0	.0	.1	.0	.0	.0			25	25	
8 / 87						.0	.1	.2	.1	.1	.1	.1	.1	.0	.0			56	56	
6 / 85						.1	.2	.4	.2	.1	.2	.1	.1	.0				112	112	
4 / 83				.0	.1	.3	.4	.5	.3	.3	.2	.2	.1					177	177	
[illegible] / 81					.2	.4	.6	.4	.3	.2	.2	.2	.0					192	192	
[illegible] / 79			.0	.2	.4	.6	.6	.5	.3	.3	.1	.1						235	235	2
7 / 77			.1	.3	.5	.9	.6	.4	.5	.2	.2	.1						285	285	5
6 / 75		.0	.2	.6	.9	.7	.4	.5	.4	.2	.1	.0						317	317	32
4 / 73		.1	.3	1.0	.9	.8	.6	.5	.4	.2	.1							368	368	133
[illegible] / 71		.3	1.0	1.1	.9	.6	.7	.6	.5	.3	.0							433	433	216
[illegible] / 69	.0	.4	1.5	1.2	.9	.8	.8	.4	.3	.1	.0							487	487	294	1
[illegible] / 67	.0	.7	2.1	1.1	1.0	.9	.7	.4	.4	.1								542	542	459	2
6 / 65	.3	1.2	1.4	1.2	.8	.6	.5	.4	.2	.1								501	501	542	3
[illegible] / 63	.1	1.6	1.2	1.1	.8	.6	.6	.5	.2	.0								505	505	658	4
[illegible] / 61	.3	1.8	1.1	1.2	1.1	.8	.5	.2	.1									530	530	602	5
[illegible] / 59	.2	1.5	1.2	1.2	1.0	.6	.5	.1										464	464	607	4
[illegible] / 57	.1	1.8	1.4	1.1	.9	.6	.3	.1										466	466	563	4
5[illegible] / 55	.2	1.7	1.0	1.0	.8	.3	.2	.1										395	395	617	5
[illegible] / 53	.0	1.8	1.2	1.0	.8	.4	.1	.0										407	407	583	4
[illegible] / 51	.1	1.0	.9	.7	.6	.2	.0											261	261	502	5
5[illegible] / 49	.1	.4	1.0	.6	.3	.1	.0											187	187	430	4
[illegible] / 47		.6	.6	.5	.2	.0												144	144	347	4
[illegible] / 45	.1	.5	1.0	.3	.1	.0												144	144	291	4
[illegible] / 43	.1	.4	.6	.2	.0													97	97	215	3
[illegible] / 41	.0	.2	.3	.1	.0	.0												52	52	163	3
[illegible] / 39	.0	.1	.1	.1	.0													25	25	97	2
3 / 37		.1	.0	.0														9	9	45	1
[illegible] / 35		.0	.0	.0														6	6	25	1
3[illegible] / 33	.1	.0	.0															5	5	6	1
[illegible] / 31		.0																1	1	9	
[illegible] / 29																				4	
[illegible] / 27																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 C A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-72,73-74 YEARS | MAY MONTH

 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] / 25																					11
[illegible] / 23																					[illegible]
[illegible] / 21																					6
[illegible] / 19																					[illegible]
1[illegible] / 17																					[illegible]
1[illegible] / 15																					1
TOTAL	1.3	16.4	18.2	16.1	13.3	10.3	8.6	6.2	4.3	2.3	1.3	1.0	.3	.1	.1			7437	7437	7437	7437

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	35051920	491270	66.1	18.698	7437							
Dry Bulb	31940582	481002	64.7	10.571	7437		.1	323.9	177.7	66.7	.1	744
Wet Bulb	25099324	427410	57.5	8.488	7437		1.3	[illegible]4.1	17.2			744
Dew Point	20768902	385744	51.9	10.117	7437		24.0	41.3	1.2			744

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

2

CL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2[illegible] FORBES FLD KS 63-70,73-74 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 0000-02[illegible]
HOURS [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]/ 81					.3	.3	.1											7	7		
[illegible]/ 79		.1	.6	1.7	.6	.7		.1										33	33		
7[illegible]/ 77	.1	.2	1.3	1.6	.4	.2	.2	.1										38	38	3	3
7[illegible]/ 75		.2	1.1	2.0	1.4	.4	.1											48	48	8	1
[illegible]4/ 73		.4	2.9	2.3	.4	.3												58	58	42	15
[illegible]/ 71		1.6	3.6	2.1	.8		.2											74	74	41	33
[illegible]/ 69	.1	2.3	3.3	2.0	1.4	.4	.1											68	88	88	45
[illegible]/ 67	.3	4.2	5.9	2.4	.9		.2											126	126	90	87
[illegible]6/ 65	.3	3.8	3.8	2.6	.7	.2												102	102	102	99
[illegible]4/ 63	.1	4.3	3.2	2.1	.4	.2												94	94	111	83
[illegible]/ 61		2.8	1.9	2.6	.2	.2												69	69	102	94
[illegible]/ 59		2.4	3.1	1.7														65	65	95	99
[illegible]/ 57	.4	1.9	1.2	.6	.6													41	41	61	94
5[illegible]/ 55	.3	.9	1.1	.3	.1													25	25	73	64
[illegible]4/ 53	.3	1.4	.2	.3														21	21	39	51
[illegible]/ 51		.1	.7	.2														9	9	21	58
5[illegible]/ 49				.1														1	1	13	36
4[illegible]/ 47			.1															1	1	7	12
4[illegible]/ 45																				3	[illegible]
[illegible]4/ 43																				1	[illegible]
[illegible]2/ 41																					4
4[illegible]/ 39																					[illegible]
TOTAL	2.1	26.7	34.0	24.6	8.3	3.1	1.0	.2											900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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]86572	72182	80.2	10.410	900							
Dry Bulb	4[illegible]5[illegible]555	60143	66.8	6.626	900			47.2	18.4	2.1		9[illegible]
Wet Bulb	3592537	56589	62.9	6.187	900			27.2	5.3			9[illegible]
Dew Point	3324206	54344	60.4	6.899	900			18.4	1.9			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1 2 0 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
≥ / 79				.7	.3													9	9		
7 / 77	.2	.2	.9	.6	.6	.2												24	24	2	2
76 / 75	.1	.1	2.1	1.1		.1	.1											33	33	4	1
74 / 73	.2	.8	1.6	2.1	.3	.1												46	46	25	6
72 / 71		.7	4.7	1.0	.9	.2												67	67	35	22
7 / 69		4.3	3.1	.9	.8	.3												85	35	53	40
6 / 67	.6	4.1	3.9	1.4	.7	.2												98	98	103	78
6 / 65	.2	6.4	3.6	2.3	.3													116	116	57	101
64 / 63	.2	7.1	2.9	1.9	.1													110	110	114	81
6 / 61	.3	3.8	2.7	2.0	.6													84	84	112	98
/ 59	.4	2.6	2.0	1.1	.1													56	56	93	96
5 / 57	.4	2.8	1.9	1.3	.1													59	59	65	85
56 / 55	.7	2.2	2.0	.6	.4													53	53	75	78
4 / 53	.1	2.1	1.0	.1														30	30	42	53
2 / 51	.2	.9	1.0															19	19	50	46
5 / 49	.1		.2	.1														4	4	24	55
4 / 47		.2	.2	.1														5	5	9	28
4 / 45			.2															2	2	2	12
4 / 43																				3	10
2 / 41																				2	2
4 / 39																					3
3 / 37																					3
TOTAL	3.9	38.3	33.9	17.3	5.2	1.2	.1												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6314833	74905	83.2	9.472	900							
Dry Bulb	3815846	58302	64.8	6.590	900			36.2	11.2	.3		9
Wet Bulb	3456304	55432	61.6	6.344	900			22.2	3.1			90
Dew Point	3228761	53545	59.5	6.927	900			14.9	.9			90

FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1752 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 83				.1		.1												2	2	
1/ 81				.4	.1	.2	.1											8	8	
1/ 79			.2	1.0	.9	.1												20	20	
7/ 77	.3	.2	.7	1.9	.9	.2												38	38	4 3
76/ 75		.2	2.1	1.2	1.0	.4												45	45	8 2
74/ 73	.1	.9	2.6	3.7	1.0	.3												77	77	32 9
72/ 71		1.7	4.3	2.4	.8	.4	.3											90	90	57 30
7/ 69		3.4	4.7	2.2	1.3	.4												109	109	70 58
67/ 67	.1	3.6	4.3	2.1	1.1	.2												103	103	127 83
6/ 65	.2	4.6	3.2	2.3	.8	.2												102	102	99 102
4/ 63		4.3	2.9	1.9	.4	.3												89	89	113 107
1/ 61	.3	2.8	1.9	1.6	.6	.1												65	65	96 99
1/ 59	.2	2.7	1.4	.8	.2													48	48	86 89
5/ 57	.3	1.4	1.8	1.2	.2													45	45	65 86
5/ 55	.4	1.4	.4	.4														25	25	57 60
4/ 53	.2	1.1	.4	.3														19	19	36 53
2/ 51	.1	.6	.4															10	10	31 47
5/ 49		.1	.1															2	2	10 31
1/ 47		.1	.1															2	2	6 19
1/ 45			.1															1	1	1 13
1/ 43																				1 4
1/ 41																				1 2
1/ 39																				3
TOTAL	2.4	2.1	31.8	23.7	9.3	3.2	.4												900	900
																		900		900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5947863	72569	80.6	10.359	900							
Dry Bulb	4877698	60286	67.0	6.626	900			49.2	19.0	2.3		9
Wet Bulb	3613615	56801	63.1	6.130	900			29.8	4.4			7
Dew Point	3355394	54622	60.7	6.697	900			18.5	1.4			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
JUN — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 91							.1		.2		.1	.1						5	5		
≥ / 89						.1	.1	.7										8	8		
8/ 87						.4	.4	.8	.1		.1							17	17		
6/ 85			.1	.1	.2	1.0	1.0	.3	.6									30	30		
4/ 83			.1		1.2	1.7	1.0	.7	.3	.2	.1							48	48		
≥ / 81			.2	.8	2.4	2.2	1.2	.9	.2	.4								76	76	1	
≥ / 79		.1	.3	1.4	4.7	2.9	1.0	.6	.4	.1								98	98	8	1
7 / 77	.1	.2	.6	2.4	2.7	1.8	1.4	.6	.6	.1								94	94	19	8
6/ 75	.1		1.2	3.0	2.6	1.2	.6	.8	.2	.1								88	88	38	6
4/ 73		.1	1.8	2.9	2.[illegible]	1.4	.7	.4	.2									86	86	105	20
[illegible] / 71		.3	1.3	2.7	1.[illegible]	1.4	.8	.4										72	72	100	53
[illegible] / 69		.6	2.8	1.2	1.9	.7	.7	.2										72	72	106	97
[illegible] / 67		.8	1.8	1.1	1.3	.9	.4	.2										59	59	109	106
6/ 65		1.2	1.6	.8	1.1	.4	.3	.2										51	51	98	91
4/ 63	.1	1.4	.7	1.0	.6	.6	.1											40	40	83	103
2/ 61		1.3	.1	.2	.7	.1												22	22	81	93
[illegible] / 59	.1	.4		.4	.2													11	11	51	73
[illegible] / 57		.8	.2	.1														10	10	46	47
5[illegible] / 55	.3	.6	.1															9	9	26	53
[illegible]4/ 53	.1	.3																4	4	20	52
[illegible]2/ 51																				9	32
5 / 49																					26
[illegible] / 47																					21
4 / 45																					12
[illegible]4/ 43																					1
[illegible]2/ 41																					[illegible]
4 / 39																					1
TOTAL	.5	8.2	12.9	18.2	21.9	16.9	9.9	6.8	2.9	1.0	.3	.1							900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4282405	60799	67.6	13.959	900							
Dry Bulb	5005084	66786	74.2	7.392	900			75.3	55.0	24.1		90
Wet Bulb	4329071	59973	66.6	6.028	900			48.6	17.1	.1		90
Dew Point	3530409	56001	62.2	7.141	900			29.0	3.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

17-23 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN 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
[illegible] / 97											.1			.1				2	2		
[illegible] / 95										.1	.2		.4					7	7		
[illegible] / 93								.3	.4	.8	.6	.1						20	20		
[illegible] / 91							.4	.6	1.2	.8	.2	.1						30	30		
/ 89						.1	.9	1.3	.7	.3	.1							31	31		
[illegible] / 87						1.3	1.6	1.7	.9	.3	.4	.1						57	57		
[illegible] / 85			.2	.2	.7	2.3	1.6	2.7	.9	.8	.7	.3						93	93		
[illegible] / 83			.2	.1	.9	3.0	2.3	2.4	.9	.8	.4	.1						101	101		
[illegible] / 81			.1	.2	1.7	2.6	1.7	1.6	.9	.4	.1							83	33	2	
[illegible] / 79		.1	.1	.9	1.9	1.9	1.2	.8	.9	.6	.2							77	77	21	2
[illegible] / 77			.1	1.8	1.9	1.6	.8	.9	.7	.6	.3							77	77	42	6
[illegible] / 75		.2	.9	1.4	2.2	.7	.8	1.3	.7									74	74	87	17
[illegible] / 73		.2	.3	1.0	1.0	1.0	1.6	1.0	.4									59	59	120	27
[illegible] / 71		.2	.9	1.1	1.1	.8	.8	.7	.3									53	53	122	64
[illegible] / 69		.1	1.0	.7	.4	.9	.3	.2	.1	.2								36	36	88	117
[illegible] / 67		.2	.9	.3	.7	.2	.6		.1									27	27	100	100
[illegible] / 65		.6	.4	.6	.3	.4	.8											28	28	70	89
[illegible] / 63		1.3	.2	.1														15	15	77	89
[illegible] / 61		.7	.2	.1														9	9	61	75
[illegible] / 59	.3	.6																8	8	50	61
[illegible] / 57		.6																5	5	24	49
[illegible] / 55		.9																8	8	26	52
[illegible] / 53																				7	42
[illegible] / 51																				3	36
[illegible] / 49																					20
[illegible] / 47																					25
[illegible] / 45																					12
[illegible] / 43																					4
[illegible] / 41																					3
[illegible] / 35																					2
[illegible] / 33																					1
TOTAL	.3	5.7	5.7	8.6	12.8	16.8	15.2	15.4	9.1	5.7	3.4	.8	.4	.1					900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3354043	53175	59.1	15.367	900
Dry Bulb	5672220	71078	79.0	8.087	900
Wet Bulb	4252821	61619	68.5	6.154	900
Dew Point	3580212	56334	62.6	7.756	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			82.7	71.1	46.6	2.9	90
Wet Bulb			58.2	27.2	1.1		90
Dew Point			33.3	5.2	.2		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99															.1	.1		2	2		
98/ 97											.1	.4	.1	.2				8	8		
96/ 95										.2	.2							4	4		
94/ 93							.1	.2	.7	.9	.9	.3	.2	.1				31	31		
92/ 91							.8	.1	1.1	.6	.2							25	25		
90/ 89						.7	.6	1.6	2.0	.7	.4		.2					55	55		
88/ 87				.3	.4	.8	1.0	2.2	1.2	.6	1.0	.4						72	72		
86/ 85				.7	.2	2.0	2.0	2.2	1.6	1.1	.7	.2						96	96		
84/ 83				.1	.3	3.2	1.8	1.9	1.2	.9	.4	.3						92	92		
82/ 81				.3	1.7	2.2	2.1	1.4	1.0	.6	.4							88	88	6	
80/ 79			.1	1.0	2.3	2.2	1.1	1.1	.8	1.2	.4							93	93	28	5
78/ 77			.2	1.1	1.7	1.6	1.1	1.6	.4	.8	.1							77	77	28	13
76/ 75			.4	1.0	1.8	1.0	.6	1.7	.4									62	62	88	16
74/ 73			.3	.9	1.2	1.0	1.2	1.0	.7	.2								59	59	138	22
72/ 71			.8	.9	.4	.8	.4	.2	.1	.3	.1							37	37	110	42
70/ 69		.1	.7	.2	1.1	.2	.6	.2										28	28	103	114
68/ 67		.3	.4	.7	.7		.3	.2										24	24	100	109
66/ 65		.6	.1	.2	.1	.3	.1	.1										14	14	76	99
64/ 63		.3		.6		.1												9	9	60	72
62/ 61	.1	.7	.1															8	8	77	86
60/ 59		.4																4	4	37	53
58/ 57	.3	.2																5	5	19	68
56/ 55	.3	.2																5	5	19	47
54/ 53		.2																2	2	7	47
52/ 51																				2	33
50/ 49																					23
48/ 47																					20
46/ 45																					18
44/ 43																					3
42/ 41																					4
40/ 39																					2
38/ 37																					1
36/ 35																					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 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

PAGE 2 | 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				
TOTAL	.8	3.1	3.2	8.0	12.0	16.1	13.8	15.8	11.2	8.0	5.1	1.8	.6	.3	.1	.1		900	900	900	900

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.	3049732	50602	56.2	15.088	900							
Dry Bulb	5868323	72319	80.4	7.954	900			85.3	76.4	52.8	4.5	9
Wet Bulb	4296586	61950	68.8	6.000	900			60.3	29.0	2.2		9
Dew Point	3561326	56180	62.4	7.782	900			32.1	5.6	.1		9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
97 / 97																.1		1	1		
94 / 93											.2			.1				3	3		
92 / 91							.2	.2		.3	.3							10	10		
90 / 89						.2	.4	.8	.6	.1								19	19		
88 / 87					.1	.7	.7	1.1	.6	.1								29	29		
86 / 85			.2	.3	.4	1.4	1.1	1.1	.4	.2	.2							50	50		
84 / 83			.3	.2	.8	2.3	1.6	1.2	.3	.6		.1						67	67		
82 / 81		.2	.2	1.2	1.8	1.6	1.8	1.1	.6	.3	.2							81	81	4	
80 / 79		.2	.1	.9	2.2	2.8	2.1	1.1	.3	.3								91	91	13	7
78 / 77			.6	2.4	2.9	1.6	1.2	.7	.3	.8								94	94	26	7
76 / 75		.1	1.2	2.0	3.1	1.9	1.0	.6	.4	.4								97	97	57	10
74 / 73			1.7	2.6	2.0	2.0	1.1	.7	.2	.1								93	93	92	31
72 / 71		.4	1.8	.9	1.2	1.7	1.0	.4	.2									69	69	107	37
70 / 69		.7	1.6	.7	1.4	.9	.6			.1								53	53	115	105
68 / 67		.3	.9	1.6	1.0	.8	.3	.3	.1									48	49	120	96
66 / 65		.7	.4	.7	.6	.3	.1	.1										26	26	92	113
64 / 63	.1	.6	.1	.7		.4	.1											18	18	69	65
62 / 61	.1	1.1	.6	.4	.1	.1	.1											23	23	69	74
60 / 59	.2	.9	.1	.1	.1													13	13	56	72
58 / 57	.3	.2		.1														6	6	43	75
56 / 55	.3	.1																4	4	18	53
54 / 53		.3																3	3	10	41
52 / 51																				7	26
50 / 49																					21
48 / 47																					16
46 / 45																					12
44 / 43																					6
42 / 41																					4
40 / 39																					4
38 / 35																					1
TOTAL	1.1	5.9	9.8	14.8	17.8	18.7	13.5	9.5	4.1	3.5	1.0	.1		.1		.1		898	899	898	898

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3905274	57686	64.2	14.918	898
Dry Bulb	5246407	68361	76.0	7.474	899
Wet Bulb	4110269	60513	67.4	6.021	898
Dew Point	3546467	56031	62.4	7.495	898

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			80.7	63.6	31.1	.4	9
Dry Bulb			53.5	19.2	1.0		9
Wet Bulb			29.4	5.5	.2		9
Dew Point							9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

PAGE 1 | 2130-2330 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85						.2	.1	.1			.1							5	5		
84/ 83					.7	.3		.2		.1								12	12		
82/ 81		.2	.3	.9	1.7	.4	.7		.1									39	39		
80/ 79		.3	.9	1.7	1.7	1.7	.2											58	58	2	2
78/ 77		.4	.6	2.2	2.3	1.0	.3											62	62	10	4
76/ 75		.1	1.9	2.2	1.9	1.3	.1		.1									69	69	33	11
74/ 73		.2	3.4	3.6	1.3	1.1	.4	.1										92	92	47	19
72/ 71		2.2	3.1	3.7	1.2	.3	.4	.1	.2									102	102	69	32
70/ 69		2.1	3.9	2.3	1.9	.6	.1	.1										99	99	120	79
68/ 67		2.7	3.2	2.0	1.1	1.0	.3											93	93	99	100
66/ 65		1.6	3.1	3.0	1.8	.3	.3											91	91	116	103
64/ 63	.2	1.4	1.8	1.8	1.0	.2	.1											59	59	94	98
62/ 61		1.6	1.7	1.7	.8	.2												53	53	79	88
60/ 59		1.8	1.4	.3		.1												33	33	82	90
58/ 57		.8	.4	.3	.2													16	16	67	66
56/ 55	.2	.3	.2	.1	.2													10	10	44	66
54/ 53	.2	.3	.1	.1														7	7	19	47
52/ 51																				10	5
50/ 49																				5	1
48/ 47																				2	13
46/ 45																					8
44/ 43																					9
42/ 41																					2
40/ 39																					1
TOTAL	.7	16.1	26.1	25.9	17.8	8.9	3.2	.7	.4	.1	.1							900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5221023	67707	75.2	11.906	900
Dry Bulb	4479337	63215	70.2	6.602	900
Wet Bulb	3828959	58455	65.0	5.995	900
Dew Point	3475810	55584	61.8	6.911	900

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			63.1	33.7	8.7		90
Dry Bulb			38.0	9.2	.2		90
Wet Bulb			24.7	3.6	.2		90
Dew Point							

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUN MONTH

 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99															.0	.0		2	2	
98/ 97											.0	.1	.0	.0		.0		11	11	
96/ 95										.0	.1		.1					11	11	
94/ 93							.0	.1	.1	.2	.2	.1	.0	.0				54	54	
92/ 91							.2	.1	.3	.2	.1	.0						70	70	
90/ 89						.1	.3	.5	.4	.1	.1		.0					113	113	
88/ 87				.0	.1	.4	.5	.7	.3	.1	.2	.1						175	175	
86/ 85			.1	.2	.2	.9	.7	.8	.4	.3	.2	.1						274	274	
84/ 83			.1	.1	.5	1.3	.8	.8	.3	.3	.1	.1						322	322	
82/ 81		.1	.1	.5	1.2	1.2	1.0	.6	.3	.2	.1							382	382	15
80/ 79		.1	.3	1.2	1.7	1.5	.7	.5	.3	.3	.1							479	479	72
78/ 77	.1	.2	.6	1.8	1.7	1.0	.6	.5	.3	.3	.1							504	504	134
76/ 75	.0	.1	1.4	1.8	1.8	.9	.4	.5	.2	.1								516	516	323
74/ 73	.0	.3	1.8	2.4	1.2	.9	.6	.4	.2	.0								570	570	601
72/ 71		.9	2.6	1.8	.9	.7	.5	.2	.1	.0	.0							564	564	641
70/ 69	.0	1.7	2.6	1.3	1.3	.6	.3	.1	.0	.0								570	570	743
68/ 67	.1	2.0	2.7	1.5	.9	.4	.3	.1	.0									578	579	848
66/ 65	.1	2.4	2.0	1.6	.7	.3	.2	.1										530	530	742
64/ 63	.1	2.6	1.5	1.3	.3	.2	.0											434	434	721
62/ 61	.1	1.8	1.1	1.1	.4	.1	.0											333	333	677
60/ 59	.2	1.5	1.0	.6	.1	.0												238	238	550
58/ 57	.2	1.1	.7	.5	.1													167	137	390
56/ 55	.3	.8	.5	.2	.1													139	139	338
54/ 53	.1	.7	.2	.1														86	86	180
52/ 51	.0	.2	.3	.0														38	38	133
50/ 49	.0	.0	.0	.0														7	7	52
48/ 47		.0	.1	.0														8	8	24
46/ 45			.0															3	3	6
44/ 43																				5
42/ 41																				3
40/ 39																				
38/ 37																				
36/ 35																				
34/ 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 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 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				
TOTAL	1.5	16.6	19.7	17.6	13.1	10.6	7.1	6.0	3.5	2.3	1.3	.3	.1	.1	.0	.0		7198	7199	7198	7196

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37961745	509625	70.8	16.162	7198							
Dry Bulb	38225170	520490	72.3	9.081	7199			519.7	348.3	167.9	7.8	7[illegible]
Wet Bulb	31179162	471332	65.5	6.625	7198			337.8	114.5	4.6		7[illegible]
Dew Point	27602585	442641	61.5	7.289	7198			200.3	27.5	.7		7[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL MONTH

PAGE 1 0000-[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
8[illegible] / 87								.1		.1	.1							3	3			
6[illegible] / 85								.2	.1	.3								6	6			
[illegible] / 83				.1	.4	.6	.4	.6	.4									25	25			
[illegible] / 81				1.0	1.2	1.0	1.2	.8	.1									46	48			
[illegible] / 79			.5	3.0	1.4	2.5	1.6	.5										89	89			
7[illegible] / 77		.6	2.8	3.5	1.4	1.3	.6	.4										100	100	4		
[illegible]6 / 75	.1	1.9	4.7	3.3	1.1	.5	.2	.3	.1									115	115	36	1[illegible]	
74 / 73		3.4	5.5	3.0	1.1	.5	.5											131	131	116	4[illegible]	
7[illegible] / 71		4.0	5.1	1.5	.9	.5	.1	.2										114	114	152	10[illegible]	
[illegible] / 69	.3	2.9	3.3	2.4	1.0	.4	.3											98	98	165	12[illegible]	
[illegible] / 67	.3	1.5	4.1	2.2	.4													79	79	137	14[illegible]	
[illegible]6 / 65		.6	3.0	1.3	.8													53	53	87	10[illegible]	
[illegible]4 / 63		.2	.8	1.4	.2													24	24	86	81	
[illegible]2 / 61		.5	.8	.9	.2													22	22	51	9[illegible]	
[illegible] / 59		.6	.9	.1	.1													16	16	36	74	
[illegible] / 57		.1	.3	.1														5	5	35	47	
5[illegible] / 55		.1	.1															2	2	13	38	
[illegible]4 / 53																				10	33	
[illegible]2 / 51																					[illegible]	
5[illegible] / 49																					6	
4[illegible] / 47																					4	
4[illegible] / 45																					1	
TOTAL	.8	16.6	31.8	23.8	10.1	7.4	5.1	3.2	.8	.4	.1								930		93[illegible]	
																		930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5536982	70786	76.1	12.672	930							
Dry Bulb	4991798	67924	73.0	5.764	930			80.8	51.7	13.0		[illegible]
Wet Bulb	4287876	62980	67.7	4.959	930			61.0	15.6			[illegible]
Dew Point	3929392	60202	64.7	5.898	930			42.9	5.0			[illegible]

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-05

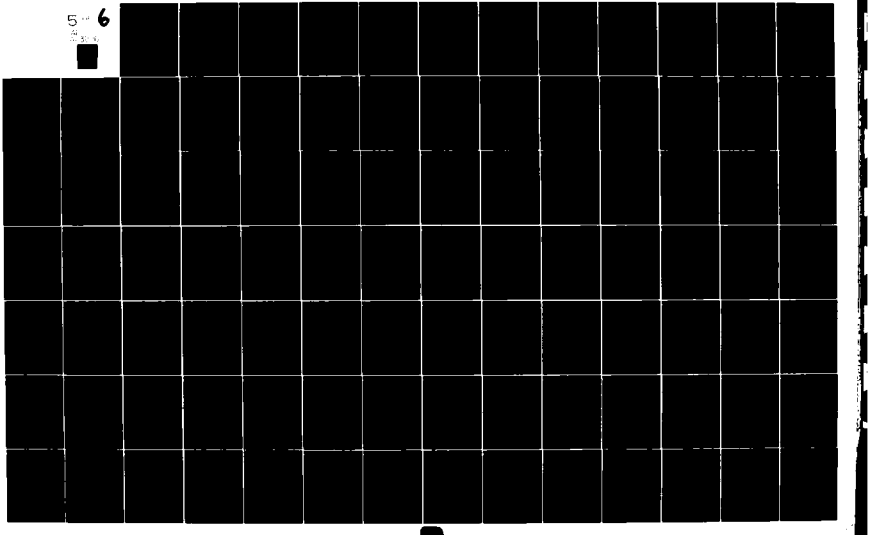
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew
/ 89												.1						1	1		
8/ 87											.1							1	1		
4/ 83									.2		.1							3	3		
2/ 81					.2	.4	.3	.4										13	13		
/ 79			.5	1.1	.8	1.6	.8	.2										46	46		
7 / 77		.1	2.5	2.0	2.2	1.6	.3	.1	.1									83	83		
6/ 75		1.9	2.9	1.8	1.7	.6	.2	.2										88	88	12	
4/ 73	.1	3.4	4.4	3.3	1.2	.5	.2											123	123	76	
2/ 71	.3	6.6	4.9	1.6	1.0	.4	.2											140	140	111	
/ 69	.8	4.4	5.5	1.3	.6	.2	.1											120	120	164	1
/ 67	.4	4.0	5.5	1.0	.1													102	102	173	1
6/ 65	.2	2.3	3.8	1.4	.4													75	75	105	1
4/ 63	.3	1.9	1.0	1.6														45	45	99	1
/ 61		1.1	1.6	.5	.3													33	33	66	1
/ 59		.5	1.1	.3														18	18	34	
/ 57		1.1	1.2	.1														22	22	39	
5 / 55	.1	.6	.4															11	11	25	
4/ 53	.1	.4	.1															6	6	16	
2/ 51																				10	
5 / 49																					
4 / 47																					
TOTAL	2.4	28.4	35.4	16.1	8.5	5.5	2.2	1.0	.3		.2	.1							930		
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6190841	75103	80.8	11.638	930							
Dry Bulb	4653423	65561	70.5	5.837	930			72.0	35.8	3.0		
Wet Bulb	4123401	61743	66.4	5.111	930			53.6	8.8			
Dew Point	3846679	59573	64.1	5.740	930			36.2	2.4			

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

AD-A113 226 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL



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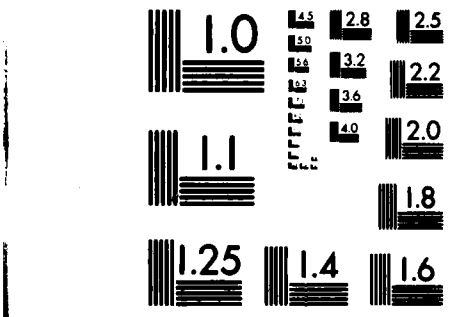

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	JUL

PAGE 1 — HOURS (L. S. T.) 0600-0800

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]/ 91											.1							1	1		
[illegible]/ 89										.1								1	1		
8/ 87									.1									1	1		
[illegible]6/ 85						.6	.1	.3	.2									12	12		
[illegible]4/ 83				.1	.3	.4	.6	.9	.1									23	23		
[illegible]2/ 81			.1	.8	1.1	1.5	1.3	.3	.2									49	49		
[illegible]/ 79		.1	.6	2.6	1.1	1.3	.5	.2										60	60		
7[illegible]/ 77		.3	3.0	2.4	2.9	1.3	.5											97	97	3	
76/ 75		1.6	3.9	2.6	3.2	1.0	.1	.2										117	117	36	6
74/ 73	.3	2.0	4.5	3.2	.9	.9	.5	.1										116	116	109	42
7[illegible]/ 71	.4	5.4	4.7	3.3	1.5	.1	.2											146	146	145	94
7[illegible]/ 69	.4	3.2	4.1	2.4	.8	.5	.1											107	107	155	121
6[illegible]/ 67	.2	2.0	3.4	.5	.8	.1												66	66	149	141
[illegible]6/ 65		1.8	2.5	1.3	.5	.1												58	58	110	133
[illegible]4/ 63	.1	1.0	.8	.9														25	25	90	107
[illegible]2/ 61		.5	1.1	.8														22	22	42	101
[illegible]/ 59		.8	.5	.2														14	14	40	58
[illegible]/ 57		.5	.4															9	9	26	44
5[illegible]/ 55		.2	.2															4	4	16	31
[illegible]4/ 53	.1	.1																2	2	6	20
[illegible]2/ 51																				3	24
5[illegible]/ 49																					7
4[illegible]/ 47																					1
TOTAL	1.6	19.7	29.9	21.0	13.0	7.8	4.1	2.0	.6	.1	.1								930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5686905	71829	77.2	12.239	930							
Dry Bulb	4945446	67596	72.7	5.897	930			79.6	47.7	11.8		93
Wet Bulb	4276916	62906	67.6	4.855	930			59.7	14.8			93
Dew Point	3939148	60308	64.8	5.523	930			40.4	4.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL MONTH

 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
120/101															.1			1	1		
100/ 99														.2	.1			3	3		
98/ 97														.2				2	2		
96/ 95									.1	.5	.3	.4	.3					16	16		
94/ 93									.5	.3	1.2	.8						26	26		
92/ 91						.1	.1	.8	.8	1.6	.8							38	38		
90/ 89						.2	1.7	1.7	1.5	1.1	.4	.1						63	63		
88/ 87					.3	1.6	2.3	2.6	1.4	.2	.4							82	82		
86/ 85					1.3	3.8	2.6	1.8	.6	.3	.2		.1					100	101		
84/ 83				1.1	2.0	2.3	2.0	1.3	.9	.2		.1	.1					93	93		
82/ 81			.1	1.2	3.6	1.8	1.4	.8	.9	.2								92	92	2	
80/ 79			.8	2.2	2.4	2.5	1.1	1.1	.9	.1	.2							103	103	18	
78/ 77		.2	.8	2.0	1.5	2.3	1.6	.2	.6									86	86	79	4
76/ 75		.3	2.0	1.3	1.7	1.2	.9	.3	.1									73	73	133	25
74/ 73		1.0	1.2	.6	1.2	.5	.6	.1										49	49	209	86
72/ 71	.2	.4	1.4	.9	.9	.3	.4	.3										45	45	141	117
70/ 69		.3	1.2	.9	.4	.3	.2											31	31	94	135
68/ 67		.5	.2		.3	.2	.1											13	13	93	135
66/ 65			.5		.1													6	6	71	104
64/ 63		.2		.1	.1													4	4	34	83
62/ 61		.2																2	2	31	76
60/ 59		.1																1	1	16	56
58/ 57																				8	32
56/ 55																					27
54/ 53																					15
52/ 51																					17
50/ 49																					9
48/ 47																					4
46/ 45																					2
44/ 43																					1
42/ 41																					1
TOTAL	.2	3.3	8.2	10.2	15.8	17.1	15.1	11.0	8.3	4.6	3.6	1.4	.5	.4	.2				930		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3657266	56678	61.0	14.657	929							
Dry Bulb	6218352	75774	81.5	6.920	930			91.7	82.8	56.6	4.8	93
Wet Bulb	4726321	66119	71.2	4.698	929			77.0	44.1	.4		93
Dew Point	4077888	61288	66.0	6.106	929			50.3	11.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13926 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 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					
1 [illegible]/105																	.1		1	1		
1 [illegible]/103													.1		.1	.1	.1		4	4		
1 2/101												.2	.3	.1	.3	.3			12	12		
1 0/ 99											.5	.4	.6	.5	.6	.3			30	30		
8/ 97										.4	1.0	1.0	1.4	1.2	.5				51	51		
6/ 95								.2	.4	1.4	1.1	1.1	.8	.1	.1				48	48		
4/ 93							.2	1.3	1.9	2.0	1.7	1.4	.1	.2					83	83		
2/ 91							1.0	2.0	1.9	2.0	1.4	.5	.3	.2					88	88		
[illegible]/ 89						.6	2.3	2.6	2.5	.8	.6	1.1	.1	.3					101	101		
8/ 87					.2	1.3	2.5	2.6	.6	.5	1.1	.1	.1	.1					85	85		
6/ 85					.1	3.1	2.3	1.5	1.0	.1	.8	.3	.1						86	86		
4/ 83				.8	2.0	1.4	1.6	1.3	.6	.3	.1	.1							77	77		
[illegible]/ 81			.1	.9	1.9	1.1	1.7	1.4	1.2	.3	.2	.1							83	83	10	
[illegible]/ 79			.1	1.1	1.6	.8	.6	1.5	1.1	.3	.2								68	68	51	
7 / 77			.5	.6	.6	1.1	.5	.5	.2	.2									41	41	119	9
76/ 75			.3	.6	.3	.1	.1	.3	.2										19	19	190	27
74/ 73		.1	.3	.9	.1	.4	.5		.1										23	23	178	74
[illegible]/ 71		.1	.3	.3		.1	.3	.1											12	12	116	124
7 / 69		.1	.1		.2	.4													8	8	81	140
6 / 67		.1	.2	.2															5	5	76	122
66/ 65		.2	.2																4	4	40	82
64/ 63		.1																	1	1	36	67
[illegible]/ 61																					19	73
[illegible]/ 59																					13	49
[illegible]/ 57																					1	56
54/ 55																						31
52/ 53																						30
50/ 51																						25
5 / 49																						7
4 / 47																						6
46/ 45																						5
44/ 43																						3
TOTAL		.8	2.3	5.4	7.2	10.4	13.7	15.4	11.8	8.5	8.7	6.3	4.0	2.8	1.8	.8	.2		930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2590121	47189	50.7	14.514	930							
Dry Bulb	7089048	80902	87.0	7.429	930			92.5	90.0	79.0	22.9	93
Wet Bulb	4922290	67518	72.6	4.696	930			82.1	54.8	3.7		93
Dew Point	4027604	60880	65.5	6.744	930			49.6	11.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/105													.1				.2	3	3		
108/103												.1		.2	.3	.1	.5	12	12		
102/101												.3	.4	.5	.4	.5	.1	22	22		
100/ 99											.3	.5	.9	.8	1.2	.4		38	38		
98/ 97										.2	.8	1.0	.9	.6	.9	.2		42	42		
96/ 95								.4	1.1	2.8	1.2	1.5	1.1	.1	.2			78	78		
94/ 93								1.3	2.3	1.5	1.3	.9	.8	.1	.1			76	76		
92/ 91						.3	.9	1.4	2.6	2.3	1.2	.8	1.2	.8				105	105		
90/ 89					.2	.4	1.1	4.5	1.5	1.1	1.1	.5	.4	.3				104	104		
88/ 87					.1	1.2	2.6	2.4	.6	.9	.6	.4	.1	.1				54	84		
86/ 85				.1	.4	2.2	2.5	1.1	1.0	.6	.5	.1						79	79		
84/ 83				.6	1.4	1.8	1.0	2.0	.5	.9	.1							78	78		
82/ 81				.4	.6	1.1	1.3	2.2	.6	.5	.2	.2						67	67	19	
80/ 79			.3	.2	1.1	.8	.8	1.1	.5	.5	.1	.1						51	51	53	3
78/ 77		.1	.4	.4	.2	.3	.3	.9	.4									29	29	121	7
76/ 75		.2	.5	.4			.1	.1	.2									15	15	202	41
74/ 73		.3	.4	.2	.3	.2	.3	.2	.1									20	20	138	57
72/ 71			.4	.4	.3	.2	.2	.1										16	16	135	112
70/ 69			.4	.4	.1													9	9	85	138
68/ 67			.2															2	2	74	114
66/ 65																				45	79
64/ 63																				37	76
62/ 61																				10	59
60/ 59																				11	52
58/ 57																					56
56/ 55																					49
54/ 53																					31
52/ 51																					30
50/ 49																					13
48/ 47																					6
46/ 45																					3
44/ 43																					4
TOTAL		.6	2.8	3.3	4.8	8.5	11.0	17.6	11.5	11.3	7.4	6.5	5.8	3.5	3.1	1.3	.9	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2379731	44967	48.4	14.873	930							
Dry Bulb	7286204	82030	88.2	7.395	930			93.0	90.3	81.7	27.1	93
Wet Bulb	4941653	67655	72.7	4.632	930			82.7	53.3	3.9		93
Dew Point	3977938	60472	65.0	7.024	930			47.2	10.8			93

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL MONTH

 1800-2100 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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 [illegible]/103																.1		1		1		
1 2/101																.1	.1	2		2		
1 0/ 99													.2	.2	.1	.1	.1	7		7		
[illegible]8/ 97										.1	.1		.3	.6	.1			12		12		
[illegible]6/ 95										.2	.3	.4	.4	.5	.1			19		19		
[illegible]4/ 93							.1	.4	.8	.3	.8	.8	.3					32		32		
[illegible]2/ 91						.1	.4	1.4	1.4	.9	1.0	.6	.2	.1				57		57		
[illegible]0/ 89					.5	.8	1.3	1.9	1.7	1.1	.5	.5	.2					80		80		
[illegible]8/ 87				.2	.3	1.2	2.8	2.7	1.0	.9	.8	.3		.1				95		95		
[illegible]6/ 85			.1	.2	.9	4.8	1.9	1.4	1.1	.5	.4	.1	.1					108		108		
[illegible]4/ 83				.9	2.3	2.6	1.2	1.7	1.0	.3	.1							91		91		
[illegible]2/ 81			.3	1.4	2.4	2.3	1.3	1.3	.4	.3								90		90	12	
[illegible]0/ 79			.5	2.7	2.4	1.8	1.2	1.4	.5	.2	.1							101		101	27	7
78/ 77		.5	.6	1.6	1.3	1.3	1.2	.1	.2	.1								65		65	88	11
76/ 75		.1	1.1	1.1	1.8	1.0	.4	1.0	.1									70		70	170	36
74/ 73		.2	.9	.6	.6	.8	.6	.1	.2									38		38	169	62
72/ 71		.1	.4	.4	.5	.3	.3	.2										22		22	128	145
[illegible]/ 69		.3	.5	.4	.4	.5												21		21	104	113
68/ 67		.1	.3	.5	.1		.1											11		11	91	95
[illegible]6/ 65			.2	.2	.2	.1												7		7	55	83
[illegible]4/ 63	.1																	1		1	42	61
[illegible]2/ 61																					26	64
[illegible]/ 59																					13	73
[illegible]/ 57																					4	42
5[illegible]/ 55																					1	35
[illegible]4/ 53																						33
[illegible]2/ 51																						14
5[illegible]/ 49																						7
4[illegible]/ 47																						7
4[illegible]/ 45																						1
44/ 43																						1
TOTAL	.1	2.4	5.1	10.3	13.5	17.5	12.9	13.7	8.4	4.9	4.1	2.8	1.8	1.6	.3	.3	.2		930		930	
																		930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3353454	54022	58.1	15.228	930							
Dry Bulb	6462828	77258	83.1	6.942	930			92.2	86.8	65.1	7.3	93
Wet Bulb	4796492	66640	71.7	4.793	930			78.9	46.6	2.3		93
Dew Point	4073817	61239	65.8	6.670	930			48.9	13.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL MONTH

PAGE 1 | 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				
≥ / 89									.1		.2							3	3		
8 / 87							.1	.3	.4	.3								11	11		
6 / 85					.5	1.1	.6	1.5	.5	.4	.2							46	46		
4 / 83			.1	1.0	2.4	1.6	1.5	.9	.8	.4								80	80		
2 / 81			.4	2.7	2.6	1.6	1.2	1.4	.5									97	97		
0 / 79			2.3	3.1	2.8	1.7	.4	.8	.2	.1								106	106	2	
7 / 77		.8	3.7	2.9	2.7	1.0	.4	.6	.2									114	114	21	4
6 / 75		1.8	4.5	3.2	2.3	.8	1.0	.1	.1									128	128	102	21
4 / 73		1.4	3.0	3.3	1.2	.8	.6		.1									97	97	152	69
2 / 71	.2	1.7	1.5	2.8	2.3	.8		.1										87	88	163	114
0 / 69		1.4	2.0	1.9	1.1	.6												66	66	123	116
8 / 67		.3	1.6	1.1	.8	.2	.1											38	38	115	131
6 / 65	.1	.3	.6	.8	.4	.1												22	22	88	74
4 / 63		.4	.5	1.0	.2	.1												21	21	68	95
2 / 61		.2		.4	.2													8	8	45	75
0 / 59		.2	.1	.2														5	5	27	80
5 / 57																				12	43
56 / 55																				8	40
4 / 53																				3	24
2 / 51																					6
50 / 49																					8
48 / 47																					4
46 / 45																					1
TOTAL	.3	8.6	20.5	24.4	19.4	10.3	6.0	5.7	3.0	1.3	.4								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.	4830095	65837	70.9	13.306	929							
Dry Bulb	5425805	70829	76.2	5.819	930			67.4	68.2	28.8		93
Wet Bulb	4484792	64388	69.3	4.883	929			67.9	27.7			93
Dew Point	4028808	60916	65.6	6.093	929			47.8	11.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL MONTH

ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
110/105													.0				.0	4	4		
108/103												.0	.0	.0	.1	.0	.1	17	17		
106/101												.1	.1	.1	.1	.1	.0	37	37		
104/ 99											.1	.1	.2	.2	.3	.1	.0	78	78		
102/ 97										.1	.2	.2	.3	.3	.2	.0		107	107		
100/ 95								.1	.2	.6	.4	.4	.3	.1	.1			161	161		
98/ 93							.0	.4	.7	.5	.6	.5	.1	.0	.0			217	217		
96/ 91						.1	.3	.7	.8	.8	.6	.2	.2	.1				289	289		
94/ 89					.1	.3	.8	1.3	.9	.5	.4	.3	.1	.1				353	353		
92/ 87				.0	.1	.7	1.3	1.3	.5	.4	.4	.1	.0	.0				362	362		
90/ 85			.0	.0	.4	1.9	1.3	1.0	.6	.3	.3	.1	.0					437	438		
88/ 83			.0	.6	1.3	1.3	1.0	1.1	.6	.3	.1	.0	.0					470	470		
86/ 81			.1	1.0	1.7	1.3	1.2	1.1	.5	.2	.1	.0						539	539	43	
84/ 79		.0	.7	2.0	1.7	1.6	.9	.8	.4	.2	.1	.0						624	624	151	10
82/ 77		.3	1.8	1.9	1.6	1.3	.7	.4	.2	.0								615	615	435	35
80/ 75	.0	1.1	2.5	1.8	1.5	.6	.4	.3	.1									625	625	881	166
78/ 73	.1	1.5	2.5	1.9	.8	.6	.5	.1	.1									597	597	1147	494
76/ 71	.1	2.3	2.4	1.4	.9	.3	.2	.1										582	583	1091	903
74/ 69	.2	1.6	2.2	1.2	.6	.4	.1											460	460	971	1010
72/ 67	.1	1.1	1.9	.7	.3	.1	.0											316	316	908	1013
70/ 65	.0	.7	1.4	.6	.3	.0												225	225	601	791
68/ 63	.1	.5	.4	.6	.1	.0												121	121	492	691
66/ 61		.3	.4	.3	.1													87	87	290	642
64/ 59		.3	.3	.1	.0													54	54	192	524
62/ 57		.2	.2	.0														36	36	125	350
60/ 55	.0	.1	.1															17	17	63	302
58/ 53	.1	.1	.0															8	8	35	215
56/ 51																				13	165
54/ 49																					69
52/ 47																					35
50/ 45																					13
48/ 43																					9
46/ 41																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | JUL 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				
TOTAL	.7	10.0	17.0	14.3	11.5	10.6	8.7	8.7	5.6	3.9	3.1	2.1	1.5	1.0	.7	.3	.2	7438	7440	7438	7436

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.	34225395	486411	65.4	18.025	7438							
Dry Bulb	47072904	587874	79.0	9.143	7440			689.2	553.3	339.3	62.1	744
Wet Bulb	36559741	519949	69.9	5.352	7438			562.9	265.8	10.3		744
Dew Point	31901274	484878	65.2	6.271	7438			363.2	70.5			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

 0000-0700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							•1		•2									3	3		
84/ 83				•1	•1	•2	•2	•5	•4	•1								16	16		
82/ 81			•3	•1	•3	•1	1•1	•4	•1	•1								24	24		
80/ 79		•2	•9	1•4	•9	1•1	•3		•1									45	45		
78/ 77		•3	1•8	1•9	1•1	•9	•6											62	62	1[illegible]	2
76/ 75		1•1	1•7	1•3	1•7	1•4	•1											68	68	12	10
74/ 73	•3	2•9	3•1	2•3	•5	•8	•4											96	96	72	23
72/ 71	1•5	2•8	3•3	1•8	1•3	•2												102	102	84	76
70/ 69	1•4	3•2	6•6	2•8	1•3	•2												144	144	132	89
68/ 67	•3	2•2	4•4	1•9	•8	•2												91	91	113	88
66/ 65		1•5	3•7	2•2	•6		•1											75	75	122	89
64/ 63		3•8	4•1	2•0		•2	•1											95	95	96	116
62/ 61		2•5	1•2	•4		•2												40	40	103	67
60/ 59		1•9	1•3	•2	•3	•1												36	36	89	113
58/ 57		•8	•9	•3	•1													19	19	39	99
56/ 55		•3	•6	•2														11	11	28	60
54/ 53			•2															2	2	11	35
52/ 51																				15	16
50/ 49																				3	4
48/ 47																					8
46/ 45																					6
44/ 43																					3
42/ 41																					3
TOTAL	3•6	23•5	34•1	19•1	9•0	5•6	3•1	1•0	•9	•2									929		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5946042	73446	79.1	12.259	929							
Dry Bulb	4572422	64916	69.9	6.252	929			65.2	31.4	5.4		93
Wet Bulb	4007059	60797	65.4	5.521	929			42.3	9.4			93
Dew Point	3702386	58356	62.8	6.289	929			28.8	3.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

PAGE 1 | 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				
84 / 83						.2		.4	.1									7	7		
82 / 81					.5			.3										8	8		
80 / 79			.2	.2	.4	.6	.6		.2									22	22		
78 / 77		.3	1.3	.5	1.4	.8		.1										41	41	1	
76 / 75	.1	.5	2.8	.4	.6	.3	.1											46	46	8	4
74 / 73	.2	2.5	1.5	1.4	.5	.5	.2											64	64	46	6
72 / 71	1.2	4.8	3.3	1.7	.5	.2	.1											111	111	73	74
70 / 69	1.6	4.6	2.4	1.9	1.6													113	113	105	87
68 / 67	1.4	4.4	7.0	1.1														129	129	120	78
66 / 65	1.1	3.4	4.4	1.6	.4	.1												103	103	112	97
64 / 63	.1	4.7	2.8	1.2	.2													84	84	123	98
62 / 61	.1	5.2	2.7	.6	.1													81	81	101	122
60 / 59	.1	3.6	1.7		.2	.3												55	55	82	99
58 / 57		2.2	1.1	.4	.1													35	35	76	105
56 / 55		.6	.8															13	13	38	58
54 / 53		.3	.6															9	9	14	46
52 / 51		.1	.5															6	6	14	20
50 / 49			.1															1	1	10	9
48 / 47		.1																1	1	5	7
46 / 45																				1	13
44 / 43																					1
42 / 41																					3
TOTAL	5.9	37.5	33.3	11.2	6.8	3.1	1.1	.9	.3									929	929	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6559814	77384	83.3	11.077	929							
Dry Bulb	4279825	62793	67.6	6.187	929			54.2	18.8	2.3		93
Wet Bulb	3859463	59649	64.2	5.641	929			35.3	5.5			93
Dew Point	3626552	57756	62.2	6.216	929			25.1	1.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

 0600-0900 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
[illegible] / 89								.1										1	1		
8[illegible] / 85						.1		.2										3	3		
[illegible]4 / 83					.3	.3	.2											7	7		
[illegible]2 / 81				.3	.2	.4	.2	.1										12	12		
[illegible] / 79		.1	.2	1.3	.9	.9	.2		.1									34	34		
7[illegible] / 77		.1	1.4	1.0	1.6	.9	.4	.1										51	51	1	
[illegible]6 / 75		.8	3.3	1.2	1.4	.5	.2											69	69	17	4
[illegible]4 / 73	.2	2.4	2.2	1.9	1.2	.9	.3	.1										85	85	59	16
[illegible] / 71	.6	4.9	2.8	1.5	1.3	.5	.2											111	111	88	72
7[illegible] / 69	1.9	4.9	3.3	1.9	1.0	.2												124	124	121	104
6[illegible] / 67	1.2	4.0	4.9	1.6	.9													117	117	123	102
[illegible]6 / 65	.6	3.1	3.3	1.2	.2		.1											80	80	105	102
[illegible]4 / 63	.5	4.3	2.3	1.2	.3	.1												81	81	127	91
[illegible]2 / 61	.3	3.3	1.3	.4	.2													52	52	92	113
[illegible] / 59		3.4	1.5	.1	.1	.1												49	49	77	102
5[illegible] / 57		1.8	.9	.2	.1													28	28	54	82
5[illegible] / 55		.8	.5	.2	.1													15	15	33	55
[illegible]4 / 53		.4	.1	.1														6	6	15	37
[illegible]2 / 51			.2															2	2	9	21
5[illegible] / 49		.1	.1															2	2	5	11
4[illegible] / 47		.1																1	1	3	6
4[illegible] / 45																				1	7
4[illegible] / 43																					4
4[illegible] / 41																					1
TOTAL	5.5	34.6	28.4	14.2	9.7	4.9	1.9	.6	.1										930		930
																		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.	6355897	76095	81.8	11.812	930							
Dry Bulb	4443878	64014	68.8	6.366	930			61.4	26.2	3.8		93
Wet Bulb	3965871	60507	65.1	5.607	930			40.9	7.7			93
Dew Point	3705745	58425	62.8	6.167	930			29.8	2.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 | FORBES FLD KS | 63-70,73-74 | AUG
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2900-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 2/101												.1						1	1			
1 0/ 99										.1								1	1			
8/ 97										.1	.2		.1					4	4			
6/ 95											.1	.1						2	2			
4/ 93									.2	.2	.1	.2						7	7			
2/ 91							.1	.1	.2	.5	.3	.1						13	13			
/ 89						.4	1.0	.5	.9	.3	.2	.1						32	32			
8/ 87					.2	1.1	1.0	1.0	.8	1.0	.1							47	47			
6/ 85				.2	1.1	2.4	1.1	1.4	.9	.4	.1							70	70			
4/ 83				.8	2.0	2.4	1.4	1.4	.5	.4								83	83	1		
/ 81			.5	.8	1.8	1.4	1.7	1.3	1.0	.2	.1							82	82			
/ 79			1.0	1.3	2.0	2.0	1.3	.9	.6	.1	.1							87	87	18		
7 / 77		.1	1.3	1.9	2.2	2.4	2.0	1.1	.1	.2								105	105	56	6	
6/ 75		.5	.5	1.2	2.5	1.2	.9	.5	.3		.1							72	72	80	28	
74/ 73	.2	1.6	1.9	2.4	1.1	1.2	.8	.1	.1	.1								88	88	126	72	
2/ 71	.4	2.3	1.3	1.7	.8	1.0	.6	.1	.1									74	74	118	79	
/ 69	.2	1.3	1.0	.8	1.2	.9	.4	.1										54	54	129	109	
6/ 67	.1	.6	1.2	.8	.3	.2	.1											31	31	117	100	
6/ 65	.3	.6	.8	.3	.5	.1	.2	.1										28	28	95	94	
4/ 63	.1	1.5	.4	.1	.2	.2												24	24	60	93	
2/ 61	.2	1.1	.2	.1	.1	.1												17	17	57	95	
/ 59		.5			.2	.1												3	3	38	77	
/ 57																				19	56	
5/ 55																				9	49	
4/ 53																				5	27	
2/ 51																				2	15	
/ 49																					5	
/ 47																					4	
4/ 45																					5	
2/ 43																					4	
/ 41																					5	
TOTAL	1.6	10.2	9.8	12.3	16.2	17.0	12.6	8.6	5.7	3.8	1.5	.6	.1						930		93	
																		930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	4237447	61029	65.6	15.822	930
Dry Bulb	5656331	72189	77.6	7.541	930
Wet Bulb	4462590	64216	69.0	5.540	930
Dew Point	3901080	59900	64.4	6.804	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			85.3	69.4	39.1	1.5	9
Wet Bulb			64.5	28.1	.7		9
Dew Point			39.4	10.6			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible] STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

 1[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
1 [illegible]/105														.2	.2			4	4		
1 [illegible]/103													.2	.1	.2	.1		6	6		
1 2/101												.1	.2	.1	.1			5	5		
1 0/ 99											.2	.2	.1	.4	.1	.1		11	11		
8/ 97									.1	.2		.6	.5	.2	.1			17	17		
6/ 95								.2	.3	.2	.5	.4	.6	.1				23	23		
4/ 93								1.1	.3	.9	.6	.6	.8	.1				41	41		
2/ 91						.1	1.9	1.1	1.1	.8	1.0	1.1	.1	.1				67	67		
/ 89					.4	1.4	1.4	1.8	.6	1.5	1.2	.4	.1					83	83		
8/ 87					.6	.5	1.8	2.0	1.1	1.3	.9	.3						80	80		
6/ 85				.3	.5	1.6	1.6	1.7	1.5	1.5	1.0	.3						94	94		
4/ 83				.6	.4	2.0	1.1	2.5	1.0	1.6	.3	.1						90	90		
/ 81		.1		.4	.9	1.1	1.6	1.2	1.7	1.2	.1		.1					78	78	11	
/ 79			.8	1.2	1.8	1.4	.6	1.3	.8	.3	.1	.1						78	78	72	3
7/ 77		.1	.5	.9	1.4	.3	1.1	.5	.2	.2	.1	.1						51	51	63	16
76/ 75		.5	.5	1.0	.9	.8	.2	.8	.3		.1							47	47	101	59
74/ 73		.8	.9	.9	.1	.5	1.3	.3	.2	.2								48	48	117	54
72/ 71		.3	.2	.4	.9	.3	.6	.2		.1								29	29	133	54
/ 69	.1	.1	.4	.5	.3	.5	.3	.1										23	23	130	103
/ 67	.2	.2	1.2	.2		.3	.2	.2										24	24	69	95
66/ 65		.1	.8	.2														10	10	91	62
64/ 63	.2	1.0	.6															17	17	52	67
62/ 61																				41	74
/ 59																				26	82
/ 57			.1															1	1	13	71
56/ 55		.1																1	1	6	43
54/ 53																				3	44
52/ 51																					23
50/ 49																					16
48/ 47																					6
46/ 45																					3
44/ 43																					4
42/ 41																					3
40/ 39																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

PAGE 2 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
3 / 37																					2
TOTAL	.3	3.3	6.0	6.7	8.3	11.0	13.9	15.1	9.3	10.0	6.1	4.5	2.8	1.4	.8	.2		928			928
																	928		928		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3033062	50802	54.7	16.487	928							
Dry Bulb	6489350	77208	83.2	8.424	928			90.1	82.5	65.1	10.7	93
Wet Bulb	4658027	65531	70.6	5.739	928			69.8	36.5	5.6		93
Dew Point	3857851	59417	64.0	7.601	928			38.5	13.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
AUG — 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
1[illegible]/107																.2		2		2		
1[illegible]/105														.1	.2	.3		6		6		
1[illegible]/103														.2	.2	.2		6		6		
1[illegible]/101											.1	.2	.2	.3				8		8		
10/ 99										.1	.2	.3	.5	.4	.3	.1		19		19		
[illegible]8/ 97										.1	.1	.5	.1	.3	.3			14		14		
[illegible]6/ 95								.3	.5	.3	.4	.4	.1	1.0				29		29		
[illegible]4/ 93							.1	1.7	1.0	1.5	1.0	.8	1.2	.4				71		71		
[illegible]2/ 91						.2	2.6	1.0	1.3	1.2	1.3	.9	.4	.1				83		83		
[illegible]0/ 89					.1	1.1	.8	.9	1.0	.6	1.2	.4	.2					58		58		
[illegible]8/ 87					.1	1.1	1.9	1.2	1.2	.9	1.0	.3						71		71		
[illegible]6/ 85				.1	.6	1.5	1.2	2.4	1.7	1.6	2.0	.4						108		108		
[illegible]4/ 83			.1	.4	.6	1.7	1.1	2.2	1.5	1.5	.5	.2						92		92		
[illegible]2/ 81			.1	.5	1.3	2.0	1.1	1.9	1.8	.4	.4		.3					93		93	15	
[illegible]0/ 79			.1	.6	1.2	.8	.3	1.0	.1	.2								40		40	74	
7[illegible]/ 77			.[illegible]	1.1	.9	.9	1.2	.4	.4	.3		.1						52		52	65	16
[illegible]6/ 75		.2	.9	1.0	.8	.2	1.1	1.1	.3	.2	.4							57		57	102	50
74/ 73		.4	.1	.9	.3	.6	.5	.6		.1								34		34	112	57
72/ 71	.1		.3	.3	1.0	.8	.3		.1									27		27	134	60
70/ 69	.1	.2	.5	.4	.4		.1	.1	.1									19		19	111	86
6[illegible]/ 67		.4	.5	.2	.1	.2		.1										15		15	99	87
[illegible]6/ 65		.2	.6	.1	.1													10		10	67	90
[illegible]4/ 63		.6	.3															9		9	47	70
[illegible]2/ 61		.2	.1															3		3	46	77
[illegible]0/ 59																					19	90
[illegible]8/ 57		.2																2		2	7	87
5[illegible]/ 55		.1																1		1	9	47
[illegible]4/ 53																					2	50
[illegible]2/ 51																						24
5[illegible]/ 49																						12
[illegible]/ 47																						11
[illegible]/ 45																						3
[illegible]/ 41																						3
[illegible]/ 39																						5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG 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					
37																						4
TOTAL	.2	2.7	4.1	5.7	7.5	11.1	12.3	14.9	11.1	9.1	8.7	4.6	3.1	2.9	1.1	.9			929		929	
																			929		929	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2775538	48460	52.2	16.337	929							
Dry Bulb	6665465	78291	84.3	8.531	929			90.5	84.4	68.0	15.5	93
Wet Bulb	4672809	65677	70.7	5.655	929			71.3	36.8	5.1		93
Dew Point	3805105	59029	63.5	7.655	929			35.6	12.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13[illegible] STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 2/101												.1						1	1		
1 0/ 99											.1		.2	.1				4	4		
9/ 97												.1	.1	.1				3	3		
6/ 95										.3	.2	.1	.1	.2				9	9		
4/ 93								.2		.1	.4	.2						9	9		
2/ 91						.1	.1		.9	.2	.3	.3	.1					19	19		
/ 89					.1	.5	.6	.9	.9	.8	.5	.3						43	43		
8/ 87				.1	.2	.5	.9	1.0	.4	.4	.3							36	36		
6/ 85				.4	1.2	1.8	1.3	1.3	1.0	.3	.1							69	69		
4/ 83			.3	.9	1.5	1.5	1.2	1.9	1.3	.5		.1						66	66		
1/ 81			.9	1.5	1.2	1.7	2.2	1.2	.8	.4	.1		.1					93	93	6	
9/ 79		.2	.5	1.1	1.9	2.3	1.8	1.4	.6	.1			.1					92	92	21	1
7/ 77		.5	1.8	2.0	2.7	2.0	1.8	.4	.2									108	108	56	17
6/ 75		.5	1.1	2.2	1.5	1.5	1.3	.3	.3		.1							82	82	83	41
74/ 73	.1	.6	1.4	1.9	1.2	2.2	.5	.1	.2	.3								80	90	116	50
72/ 71	.2	.5	.8	.9	2.3	.8	.4	.1										55	55	115	70
7/ 69		.3	1.2	1.7	1.2	.3	.1	.1	.2									48	48	131	93
6/ 67		.8	1.4	.4	.8	.4	.1	.1										37	37	111	90
6/ 65			1.4	.3	.5	.1	.1	.1										24	24	99	92
4/ 63		1.0	.1	.2	.2	.1												15	15	78	90
2/ 61		.1	.3			.1												5	5	48	104
1/ 59		.3	.1		.1													5	5	27	85
5/ 57	.1	.2	.1															4	4	19	79
56/ 55		.2																2	2	14	48
4/ 53																				4	27
2/ 51																				1	16
9/ 49																					3
47/ 47																					8
4/ 45																					3
44/ 43																					3
2/ 41																					3
40/ 39																					6
7/ 35																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

 1600-2000 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	.4	5.4	11.4	13.7	16.6	15.8	12.5	9.1	6.8	3.6	2.3	1.3	.8	.4					929	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.	3933199	58705	63.2	15.517	929							
Dry Bulb	5771473	72889	78.5	7.531	929			87.5	73.5	42.8	2.6	93
Wet Bulb	4471226	64240	69.1	5.595	929			64.0	28.2	1.5		93
Dew Point	3861505	59531	64.1	7.095	929			36.2	10.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17420 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | AUG MONTH

 2100-2300 HOURS (LST)

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89								.1										1	1			
88/ 87							.1	.1	.3	.1								6	6			
86/ 85					.1	.3	.3	.5	.4									16	16			
84/ 83			.1	.4	.4	.2	1.1	.4	.4									29	29			
82/ 81		.1	.8	.9	1.5	.4	1.6	.1	.2									52	52			
80/ 79		.2	1.9	1.7	1.6	1.4	.5	.9	.1									78	78	2		
78/ 77		.3	1.8	1.7	1.9	.8	1.0	.1										71	71	17	5	
76/ 75		1.1	2.0	2.3	1.9	1.2	1.0	.1										89	89	46	23	
74/ 73	.9	2.5	3.1	5.0	1.1	1.4	.4											133	133	89	46	
72/ 71	.8	2.7	2.4	2.2	2.2	1.0	.3		.2									108	108	118	61	
70/ 69	.3	1.1	3.1	3.4	2.3	.2		.1										98	98	122	97	
68/ 67	.1	.5	4.3	1.9	1.4	.1		.2										80	80	104	90	
66/ 65		1.3	3.3	2.2	.1		.3	.1										68	68	107	100	
64/ 63		1.8	1.1	1.0	.3	.1	.1											41	41	115	92	
62/ 61		.9	.4	.8	.1	.2												22	22	94	109	
60/ 59		1.1	.9	.2	.1													21	21	45	103	
58/ 57		.5	.4	.2														11	11	25	67	
56/ 55		.1		.2														3	3	25	43	
54/ 53				.1														1	1	12	32	
52/ 51																				4	13	
50/ 49																				2	3	
48/ 47																				1	4	
46/ 45																					7	
44/ 43																					5	
42/ 41																					5	
40/ 39																					1	
TOTAL	.2	14.2	25.8	24.1	15.1	7.3	6.8	2.8	1.7	.1									928			928
																		928		928		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5298002	69064	74.4	13.059	928							
Dry Bulb	4916828	67286	72.5	6.416	928			76.3	47.6	14.2		93
Wet Bulb	4172307	62009	66.8	5.580	928			49.9	15.4			93
Dew Point	3786797	58965	63.5	6.583	928			32.5	7.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12V — STATION | FORBES FLD KS — STATION NAME | 63-70,73-74 — YEARS | AUG — MONTH

 ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/107																.0		2	2	
108/105														.0	.1	.0		10	10	
106/103													.0	.0	.1	.0		12	12	
104/101											.0	.1	.1	.1	.0			15	15	
102/ 99										.0	.1	.1	.1	.1	.1	.0		35	35	
100/ 97									.0	.1	.0	.2	.1	.1	.1			38	38	
98/ 95								.1	.1	.1	.2	.1	.1	.2				63	63	
96/ 93							.0	.4	.2	.3	.3	.2	.2	.1				128	128	
94/ 91						.1	.6	.3	.4	.3	.4	.3	.1	.0				182	182	
92/ 89					.1	.4	.5	.5	.4	.4	.4	.2	.0					218	218	
90/ 87				.0	.1	.4	.7	.7	.5	.5	.3	.1						240	240	
88/ 85				.1	.4	1.0	.7	.9	.7	.5	.4	.1						363	363	
86/ 83			.1	.4	.7	1.1	.8	1.2	.7	.5	.1	.1						410	410	1	
84/ 81		.0	.3	.6	1.0	.9	1.2	.8	.7	.3	.1		.1					442	442	32	
82/ 79		.1	.7	1.1	1.3	1.3	.7	.7	.3	.1	.0	.0	.0					476	476	187	4
80/ 77		.2	1.3	1.4	1.6	1.1	1.0	.3	.1	.1	.0	.0						541	541	269	62
78/ 75	.0	.7	1.6	1.3	1.4	.9	.6	.3	.2	.0	.1							530	530	449	219
76/ 73	.2	1.7	1.8	2.1	.8	1.0	.6	.2	.1	.1								628	628	737	328
74/ 71	.6	2.3	1.8	1.3	1.3	.6	.3	.1	.1	.0								617	617	863	546
72/ 69	.7	2.0	2.3	1.7	1.2	.3	.1	.1	.0									623	623	981	768
70/ 67	.4	1.6	3.1	1.3	.5	.2	.1	.1										524	524	856	730
68/ 65	.3	1.3	2.3	1.0	.3	.0	.1	.0										398	398	618	746
66/ 63	.1	2.3	1.5	.7	.2	.1	.0											366	366	698	737
64/ 61	.1	1.7	.8	.3	.1	.1												220	220	582	761
62/ 59	.0	1.4	.7	.1	.1	.1												174	174	403	751
60/ 57	.0	.7	.4	.1	.0													100	100	252	667
58/ 55		.3	.2	.1	.0													46	46	162	403
56/ 53		.1	.1	.0														18	18	66	298
54/ 51		.0	.1															8	8	45	148
52/ 49		.0	.0															3	3	20	63
50/ 47		.0																2	2	9	59
48/ 45																				2	49
46/ 43																					24
44/ 41																					26

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
AUG — 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				
40 / 39																					16
38 / 37																					6
36 / 35																					1
TOTAL	2.6	16.4	19.1	13.4	11.2	9.5	8.0	6.6	4.5	3.4	2.3	1.4	.8	.6	.2	.1		7432	7432	7432	7432

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.	38138901	514985	69.3	18.173	7432							
Dry Bulb	42795572	559586	75.3	9.439	7432			610.4	433.8	240.8	30.3	744
Wet Bulb	34269352	502626	67.6	6.103	7432			438.0	167.7	12.9		744
Dew Point	30247021	471379	63.4	6.858	7432			266.0	61.4			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13723 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP 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
80 / 79			.1	.7														7	7		
78 / 77			.3	.4	.7	.1	.1											15	15		
76 / 75		.2	1.0	1.3	.3													26	26	3	
74 / 73		.8	1.3	1.8	.2		.1											38	38	11	5
72 / 71		2.0	1.4	1.1	.7		.1											48	48	27	15
70 / 69	1.0	2.1	3.2	1.6	.2	.1	.1											75	75	54	44
68 / 67	.1	3.6	3.3	.4	.8	.3												77	77	59	46
66 / 65	.1	2.2	2.7	1.2	.4													60	60	71	70
64 / 63	.1	2.9	3.8	1.3	.6	.1												79	79	65	61
62 / 61	.1	4.1	2.6	1.7	.6	.4	.1											86	86	71	55
60 / 59	.2	1.4	3.6	1.2	.4	.4	.1											67	67	77	71
58 / 57	.1	4.5	5.0	1.3	.8			.2										107	107	65	58
56 / 55		2.6	2.1	.9	.6	.2												57	57	105	79
54 / 53		1.6	2.9	1.6	.1	.1												56	56	72	76
52 / 51		1.6	2.8	.3														42	42	58	75
50 / 49		1.0	1.2	.7														26	26	49	62
48 / 47		.2	.9	.4														14	14	51	36
46 / 45			.4	.3														7	7	15	39
44 / 43			.4	.2														6	6	16	39
42 / 41			.2															2	2	5	23
40 / 39			.2															2	2	13	11
38 / 37																				3	11
36 / 35																					7
34 / 33																					9
32 / 31																					2
30 / 29																					1
28 / 27																					2
TOTAL	1.8	30.8	39.7	18.6	6.4	1.9	.7	.2											897		897
																		897		897	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5466840	71936	80.2	10.450	897
Dry Bulb	3514779	55721	62.1	7.722	897
Wet Bulb	3126280	52488	58.5	7.831	897
Dew Point	2865780	50062	55.8	8.951	897

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			28.7	8.6	.5		9
Dry Bulb			16.5	1.4			9
Wet Bulb		.5	11.0	.5			9
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1502 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP MONTH

 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 79			.1	.3														4	4		
7 - / 77			.3															3	3		
76 / 75		.1	.7	.4	.1													12	12	1	
74 / 73		1.3	1.6	.8														33	33	12	3
72 / 71	.1	1.3	2.3	.6														39	39	22	21
70 / 69	.8	1.8	2.6	1.0		.3												58	58	40	28
68 / 67	.2	4.3	2.6	.2		.3												69	69	51	37
66 / 65	.7	5.2	1.4	.9	.3													77	77	82	70
64 / 63		5.0	2.0	.2	.1	.4												70	70	67	63
62 / 61		4.0	1.6	1.2	.1													62	62	55	65
60 / 59		3.2	3.1	1.1	.2	.1												70	70	67	52
58 / 57	.7	4.6	4.7	1.1	.4													103	103	64	62
56 / 55		5.0	3.5	.7	.1													83	83	92	56
54 / 53		3.5	1.9	1.9														65	65	90	81
52 / 51		1.6	2.7	.3														41	41	72	90
50 / 49		1.2	2.2	.7		.1												38	38	42	63
48 / 47		1.3	1.2	.6	.1													29	29	54	41
46 / 45		1.6	.4	.1	.1													20	20	26	37
44 / 43		.2	1.0															11	11	32	58
42 / 41			.7															6	6	7	16
40 / 39		.2	.2															4	4	12	18
38 / 37																				9	15
36 / 35																					11
34 / 33																					5
32 / 31																					2
30 / 27																					3
TOTAL	2.5	45.6	36.8	12.2	1.7	1.3													897		897
																		897		897	

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.	6310456	74778	83.4	9.247	897							
Dry Bulb	3304354	53976	60.2	7.934	897			21.9	5.2			
Wet Bulb	3003159	51391	57.3	8.105	897			12.6	1.3			
Dew Point	2792172	49390	55.1	9.007	897		.5	8.9	.3			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP MONTH

 0600-0800 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 79				.2														2	2		
78 / 77			.2	.4	.1	.1												8	8		
76 / 75		.1	.9	.6	.1													15	15		
74 / 73		1.6	1.3	.6		.1												32	32	17	4
72 / 71	.1	1.1	1.9	1.1	.2		.1											41	41	23	18
70 / 69	.4	1.6	2.3	.4	.1	.2												46	47	36	27
68 / 67		3.8	3.1	.4	.4													70	70	49	38
66 / 65	.8	4.8	1.5	.8	.6													75	75	68	66
64 / 63	.1	5.6	1.8	1.2	.2	.2												82	82	75	55
62 / 61	.1	5.0	2.9	1.2	.3	.2												88	88	67	72
60 / 59	.2	2.9	3.1	1.5	.2													71	71	77	64
58 / 57	.2	4.4	3.0	.9	.3													79	79	72	70
56 / 55		4.9	2.7	1.6	.1	.1												84	84	80	58
54 / 53		3.5	2.2	.1	.4													56	56	93	91
52 / 51		1.5	2.8	.7	.2													46	46	61	69
50 / 49		1.6	1.8	.3														33	33	48	58
48 / 47		1.6	.6	.3	.1													23	23	43	50
46 / 45		1.2	.8		.1													19	19	36	57
44 / 43		.7	.7	.1														13	13	17	24
42 / 41		.2	.2															4	4	15	19
40 / 39		.3	.2															5	5	7	20
38 / 37		.3																3	3	8	17
36 / 35																				3	10
34 / 33																					5
32 / 29																					2
28 / 27																					1
TOTAL	2.0	46.6	34.1	12.5	3.7	1.0	.1											895	896	895	895

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.	6272548	74458	83.2	9.349	895							
Dry Bulb	3329168	54144	60.4	8.003	896			21.6	5.7			9
Wet Bulb	3012435	51429	57.5	7.998	895			12.6	1.7			9
Dew Point	2799690	49434	55.2	8.803	895		.3	8.7	.4			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP MONTH

 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							
≥ 91							.1		.1									2	2		
90 / 89								.2	.1									3	3		
88 / 87							.1		.1									2	2		
86 / 85						.7	.6	.1										12	12		
84 / 83					.5	.4	.2	.6	.1		.1							16	16		
82 / 81				.1	1.0	.8	.8	.2	.1	.1								28	28		
80 / 79				1.1	1.2	1.0	.1	1.1	.3	.1								45	45	1	
78 / 77			.4	.9	1.3	.8	.7	.6	.2									44	44	3	
76 / 75	.1	.2	.9	1.3	1.2	1.4	.6	1.2	.2									65	65	19	1
74 / 73	.1	.7	.7	1.6	1.7	1.6	.9	.9	.2	.1								75	75	44	9
72 / 71		.9	1.2	2.6	1.2	1.2	1.3	.4	.4	.1								85	85	52	33
70 / 69		1.0	2.4	1.0	2.1	.8	1.0	.1	.1									77	77	53	45
68 / 67	.3	1.4	2.9	1.1	1.7	2.0	.9	.2	.1									96	96	77	54
66 / 65	.6	1.7	1.6	1.6	.9	.9	1.1	.1										75	75	94	76
64 / 63		2.2	1.3	2.2	1.0	.8	.6											73	73	101	50
62 / 61		1.0	.9	1.1	1.1	.7	.3											46	46	81	93
60 / 59		1.2	1.6	.9	.9	.8	.1											49	49	83	59
58 / 57		1.1	.7	1.1	.4	.1												31	31	77	77
56 / 55		1.3	.3	.3	.4	.4	.1											24	24	59	59
54 / 53		.2	.7	.6	.4	.6												22	22	54	81
52 / 51		.6	.4	.4	.1	.2												16	16	34	56
50 / 49		.3	.1	.4	.1													9	9	24	39
48 / 47		.1		.3														4	4	15	47
46 / 45																				16	37
44 / 43																				10	20
42 / 41																				2	16
40 / 39																					21
38 / 37																					7
36 / 35																					6
34 / 33																					5
32 / 31																					4
30 / 29																					1
TOTAL	1.1	13.7	16.1	18.7	17.2	15.1	9.5	5.8	2.2	.4	.1							899	899	899	899

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4401129	61371	68.3	15.350	899
Dry Bulb	4288896	61652	68.6	8.235	899
Wet Bulb	3479143	55533	61.8	7.369	899
Dew Point	3001417	51313	57.1	8.990	899

Mean No. of Hours with Temperature

	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			55.1	29.2	8.5		90
Wet Bulb			24.9	6.7			90
Dew Point		.5	14.2	1.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

1262 STATION | FORBES FLD KS STATION NAME | 53-70,73-74 YEARS | SEP 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	Wet Bulb	Dew Point
100/ 99												.1						1	1			
98/ 97												.1						1	1			
96/ 95										.3	.1							4	4			
94/ 93									.3	.2	.1	.1						7	7			
92/ 91								.1	.2	.3	.2							8	8			
90/ 89							.2	1.1	1.0	.1	.1		.2					25	25			
88/ 87					.1		1.0	.8	.2	.3	.4	.2						28	28			
86/ 85					.1	.8	1.7	1.2	.6	.2	.6	.1						47	47			
84/ 83				.1	.4	1.3	.4	.3	.3	.7	.2							35	35			
82/ 81				.4	.6	1.4	.3	.7	1.4	.9	.2	.1						55	55			
80/ 79				.8	1.0	1.6	1.1	2.1	2.0	.7	.6	.1						89	89	4		
78/ 77			.1	.2	1.6	1.8	1.3	2.2	.3	1.1	.2	.1						81	81	20		
76/ 75	.1	.1	.6	1.0	1.4	1.6	2.2	1.6	1.0	1.0	.1							96	96	46	4	
74/ 73	.1	.1	.6	1.8	1.0	.9	1.2	1.2	.8	.3								72	72	66	8	
72/ 71		.7	.9	.6	1.1	.9	1.8	.6	.6	.2								65	65	52	44	
70/ 69	.1	.2	.9	.7	.9	.9	.8	1.2	.3	.2								56	56	66	53	
68/ 67	.1	.9	.8	.7	1.0	.7	.2	.8	.6									51	51	77	80	
66/ 65	.1	1.0	.4	.4		.6	1.1	.3										36	36	122	51	
64/ 63		.7	1.0	.8	.1	.4	.4	.3										34	34	93	61	
62/ 61		.9	.2	.3	.1	.7	.4	.1										25	25	68	56	
60/ 59		1.1	.2	.3	.4	.2	.2	.2										25	25	81	56	
58/ 57		.8	.7	.2	.1	.1	.8	.1										25	25	53	81	
56/ 55		.4	.3	.2	.4	.1	.1											15	15	41	78	
54/ 53			.9	.1		.3												12	12	49	63	
52/ 51		.1		.3	.2	.1												7	7	15	49	
50/ 49																				19	37	
48/ 47																				12	43	
46/ 45																				12	26	
44/ 43																				4	30	
42/ 41																					26	
40/ 39																					17	
38/ 37																					13	
36/ 35																					12	
34/ 33																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
32 / 31																					4
30 / 29																					2
28 / 27																					1
TOTAL	.5	7.0	7.6	9.0	10.7	14.3	15.4	15.0	9.7	6.7	2.9	1.0	.2					900			900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3233513	51725	57.5	17.031	900							
Dry Bulb	5031827	66789	74.2	9.159	900			72.1	54.0	26.3	1.3	9
Wet Bulb	3725154	57508	63.9	7.496	900			33.1	13.6			4
Dew Point	3019866	51396	57.1	9.713	900		.7	18.9	1.2			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP MONTH

PAGE 1 1500-17[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
6/ 95										.3	.4		.1					8	8		
94/ 93								.1		.4	.3	.1	.2					11	11		
92/ 91										.2	.1	.1						4	4		
90/ 89						.2	.7	1.0	.9		.1		.2	.1				29	29		
88/ 87					.1	.1	1.1	.9	1.1	.3	.2	.2	.1					38	38		
86/ 85						.4	1.2	.8	.4	.7	.3							35	35		
84/ 83					.3	1.1	.7	.8	.2	1.0	.1	.2						40	40		
82/ 81				.7	.9	1.1	.7	.4	1.6	1.6	.1	.1						64	64	2	
80/ 79			.2	.1	1.1	2.3	1.7	1.9	1.8	1.7	.9	.1						106	106	2	
78/ 77			.1	.6	1.5	2.5	2.1	1.7	1.5	1.0	.2	.3						102	102	15	3
76/ 75		.4	.8	.3	.9	1.2	2.0	1.7	.7	1.2								83	83	49	1
74/ 73		.7	.4	1.2	.6	1.0	1.7	.3	.9	.3								64	64	72	16
72/ 71		.1	.7	.7	1.0	.4	.9	.9	.6	.3								50	50	52	33
70/ 69	.1	.3	.2	.3	1.7	1.0	1.1		.6	.4								52	52	73	52
68/ 67	.1	.3	1.2	.6	.6	.6	.9	.7	.7									50	50	78	08
66/ 65		.1	.7	.6	.4	.7	.9	.3										33	33	105	63
64/ 63		.8	.9	.2	.4	.4	.7	.3	.1									35	35	99	44
62/ 61		.2	.8	.4	.1	.3	.3	.7	.1									27	27	82	59
60/ 59		.3	.2	.4	.3		.3	.1										16	16	69	58
58/ 57		.7	1.0	.1	.2	.1	.2											21	21	49	07
56/ 55		.4	.1		.4													9	9	43	71
54/ 53		.8	.2	.1		.2												12	12	44	59
52/ 51				.1	.2	.1												4	4	27	61
50/ 49					.2													2	2	11	48
48/ 47																				13	34
46/ 45																				5	38
44/ 43																				2	32
42/ 41																				3	16
40/ 39																					5
38/ 37																					12
36/ 35																					1
34/ 33																					11
32/ 31																					1
30/ 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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-72,73-74 YEARS | SEP MONTH

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	5.3	7.6	6.5	11.1	14.0	17.2	12.6	11.1	9.6	2.9	1.2	.7	.1				895	895	895	

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.	2998052	49636	55.5	16.564	895							
Dry Bulb	5110828	67148	75.0	9.036	895			74.0	58.7	29.5	1.9	
Wet Bulb	3724892	57358	64.1	7.402	895			34.5	14.1	.3		
Dew Point	2979167	50899	56.9	9.723	895		.7	17.4	2.0			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17923 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP 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
≥ / 91												.1						1	1		
≥ / 89							.1	.1	.2	.1								5	5		
88 / 87					.1			.3										4	4		
86 / 85				.1	.1	.6	.3	.4	.1			.1						16	16		
84 / 83				.1	.6	.8	.8	.2	.1									23	23		
≥ / 81				.3	1.0	.4	.3	.1	.2									22	22		
≥ / 79				.3	1.2	.9	.3	.3	.2	.1	.1							36	36	3	
78 / 77			.3	1.1	2.3	1.0	.4	.6	.1	.1								51	51	4	3
76 / 75		.3	.8	1.2	2.2	1.7	1.6	.2	.2	.2								76	76	14	
74 / 73		.9	1.3	2.7	1.3	1.4	1.1	.6	.7									87	87	51	10
≥ / 71	.1	.9	1.7	2.0	1.9	1.7	.7	.4	.3	.1								88	88	56	33
≥ / 69	.3	.8	1.8	2.2	2.0	1.1	.8	.9										89	89	66	45
68 / 67		.6	1.7	1.6	2.2	1.3	1.0	.3	.1									79	79	76	60
66 / 65	.2	.9	1.2	2.0	2.2	.7	.4	.2										71	71	80	72
64 / 63	.1	.6	.4	1.2	1.4	1.4	.6	.1										53	53	97	62
62 / 61		.4	1.7	1.1	1.2	1.0	.6	.1										55	55	76	57
≥ / 59		.7	2.1	.6	.9	.6												43	43	74	70
≥ / 57		.8	1.6	1.0	.3	.7	.4											43	43	81	64
56 / 55		.1	.4	1.1	.6													20	20	60	81
54 / 53		.6	.4	.4	.2	.2												17	17	54	62
52 / 51		.4	.1	.1	.3													9	9	42	52
50 / 49				.8														7	7	27	58
≥ / 47				.1														1	1	13	31
≥ / 45				.2														2	2	10	49
≥ / 43																				9	27
≥ / 41																				3	21
≥ / 39																					12
≥ / 37																					6
≥ / 35																					13
≥ / 33																					1
≥ / 31																					6
≥ / 29																					1
TOTAL	.8	7.9	15.6	20.8	21.6	15.5	9.5	5.0	2.3	.7	.1	.2						898	898	896	896

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.	4147315	59667	66.4	14.294	898							
Dry Bulb	4355066	62108	69.2	8.146	898			57.8	32.2	8.9		98
Wet Bulb	3497119	55633	62.0	7.506	898			27.3	7.2	.1		98
Dew Point	2988938	51136	56.9	9.267	898		.7	15.1	1.3			98

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	SEP

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 83				.1	.1	.1												3	3		
[illegible]/ 81				.1	.3	.1												5	5		
[illegible]/ 79			.1	.4	.6	.3												13	13		
7[illegible]/ 77			.4	1.2	.4	.1	.1											21	21	2	
76/ 75		.3	1.6	1.3	1.3	.3												44	44	4	2
74/ 73		.2	1.4	1.8	.2	.3		.1										37	37	23	1
72/ 71	.3	1.3	2.6	2.4	1.0	.2	.2	.1										74	74	45	23
7[illegible]/ 69	.8	1.1	4.8	1.3	2.0	.4	.1											95	95	52	52
6[illegible]/ 67		2.0	3.1	2.0	.7	.6												75	75	67	39
66/ 65	.2	.9	3.7	2.2	1.0	.1	.4	.2										79	79	85	73
[illegible]4/ 63	.4	2.3	2.0	2.7	1.3	.9	.2											89	89	65	66
[illegible]2/ 61		1.2	2.2	3.0	1.7	.6	.2	.1										81	81	88	58
[illegible]0/ 59		1.3	3.2	1.4	.7	.9												68	68	65	75
5[illegible]/ 57		2.8	2.6	1.2	.9	.1												68	68	76	57
5[illegible]/ 55		1.2	2.3	1.6	.4													50	50	91	72
54/ 53		.4	1.8	2.0	.3	.2												43	43	74	83
[illegible]2/ 51		1.0	.4	.8	.4	.1												25	25	45	69
5[illegible]/ 49		.1	.3	.4	.2													10	10	54	42
4[illegible]/ 47		.1	.7	.7														13	13	23	45
4[illegible]/ 45				.1														1	1	11	40
44/ 43			.4															4	4	14	34
42/ 41																				10	16
4[illegible]/ 39																				4	24
3[illegible]/ 37																					9
3[illegible]/ 35																					7
34/ 33																					7
32/ 31																					3
3[illegible]/ 29																					1
TOTAL	1.8	16.5	33.7	26.9	13.7	5.5	1.3	.6											898		898
																		898		898	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5250592	67860	75.6	11.689	898							
Dry Bulb	3769218	57778	64.3	7.595	898			36.8	12.3	1.4		9[illegible]
Wet Bulb	3249572	53582	59.7	7.646	898			19.3	2.9			9[illegible]
Dew Point	2911060	50486	56.2	9.003	898		.4	11.7	.3			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2[illegible] STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP MONTH

 ALL HOURS [illegible] 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	TOTAL Dew Point
1[illegible] 0/ 99												.0						1	1	
[illegible]8/ 97												.0						1	1	
[illegible]6/ 95										.1	.1		.0					12	12	
[illegible]4/ 93								.0	.0	.1	.1	.0	.0					16	18	
[illegible]2/ 91							.0	.0	.0	.1	.0	.0						15	15	
[illegible] / 89						.0	.1	.3	.3	.0	.0		.1	.0				62	62	
8/ 87					.0	.0	.3	.3	.2	.1	.1	.1	.0					72	72	
6/ 85				.0	.0	.3	.5	.3	.1	.1	.1	.0						110	110	
4/ 83				.0	.2	.5	.3	.2	.1	.2	.1	.0						117	117	
[illegible]2/ 81				.2	.5	.5	.3	.2	.4	.3	.0	.0						174	174	2	
[illegible]0/ 79			.1	.6	.6	.8	.4	.7	.5	.3	.2	.0						302	302	10	
7[illegible]/ 77			.3	.6	.9	.8	.6	.6	.3	.3	.1	.1						325	325	44	6
[illegible]6/ 75	.0	.2	.9	.9	1.0	.8	.8	.6	.3	.3	.0							417	417	136	6
[illegible]4/ 73	.0	.8	1.1	1.5	.6	.7	.6	.4	.3	.1								438	438	296	96
[illegible]2/ 71	.1	1.0	1.6	1.4	.9	.6	.6	.3	.2	.1								490	490	339	220
[illegible]0/ 69	.4	1.1	2.3	1.1	1.1	.6	.5	.3	.1	.1								548	549	442	346
6[illegible]/ 67	.1	2.1	2.3	.9	.9	.7	.4	.3	.2									567	567	534	422
[illegible]6/ 65	.3	2.1	1.6	1.2	.7	.4	.5	.2										506	506	707	541
[illegible]4/ 63	.1	2.5	1.7	1.2	.7	.6	.3	.1	.0									515	515	662	462
[illegible]2/ 61	.0	2.1	1.6	1.3	.7	.5	.3	.1	.0									470	470	588	515
[illegible]0/ 59	.1	1.5	2.1	.9	.5	.4	.1	.0										409	409	593	505
5[illegible]/ 57	.1	2.4	2.4	.9	.4	.1	.2	.0										477	477	537	556
5[illegible]/ 55		2.0	1.5	.8	.4	.1	.0											342	342	571	554
[illegible]4/ 53		1.3	1.4	.8	.2	.2												283	283	530	595
[illegible]2/ 51		.8	1.2	.4	.2	.1												190	190	354	522
5[illegible]/ 49		.5	.7	.4	.1	.0												125	125	274	407
4[illegible]/ 47		.4	.4	.3	.0													84	84	224	327
4[illegible]/ 45		.3	.2	.1	.0													49	49	131	323
44/ 43		.1	.3	.0														34	34	104	262
4[illegible]/ 41		.0	.1															12	12	45	158
4[illegible]/ 39		.1	.1															11	11	33	132
3[illegible]/ 37		.0																3	3	20	92
[illegible]/ 35																				3	74
34/ 33																					46

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | SEP MONTH

 ALL HOURS G.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
32/ 31																					28
30/ 29																					10
28/ 27																					7
TOTAL	1.3	21.6	23.9	15.7	10.8	8.6	6.7	4.9	3.2	2.2	.8	.3	.1	.3						7180	7179
																				7179	7179

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.	38480945	511431	71.2	16.886	7179							
Dry Bulb	32704136	479316	66.8	9.920	7180			368.0	207.0	75.1	3.2	72
Wet Bulb	26817754	434922	60.6	8.084	7179			180.8	48.9	.4		72
Dew Point	23358090	404116	56.3	9.217	7179		4.3	106.1	7.0			72

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13723 STATION — FORBES FLD KS STATION NAME — 63-70,73-74 YEARS — OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76 / 75				.1														1	1		
74 / 73			.2	.4														6	6		
72 / 71		1.0	.9	.1	.3													21	21		
70 / 69		.3	.6	.6	.2	.3		.1										21	21	20	5
68 / 67			.8	.4	1.1			.3										24	24	9	16
66 / 65		.3	1.2	1.1	1.1	.3	.4											41	41	10	6
64 / 63	.3	1.2	2.5	1.6	.5	.8	.2											66	66	24	9
62 / 61		1.4	1.2	1.7	.6	.8		.1										54	54	30	27
60 / 59		1.4	1.9	.5	.5	.6	.2	.1		.1								51	51	59	23
58 / 57	.1	1.5	1.3	.8	.2	.9	.5	.1										50	50	53	45
56 / 55		1.6	2.6	.4	1.2	.8	.4											65	65	61	51
54 / 53		1.7	1.7	1.1	1.7	.3	.3											64	64	49	42
52 / 51		.5	1.5	2.5	.6	.2												50	50	55	48
50 / 49		1.0	2.5	2.3	1.0	.9												70	70	43	42
48 / 47		1.1	2.9	1.8	.9													62	62	58	42
46 / 45		1.5	3.1	1.6	.6													64	64	86	41
44 / 43		1.8	1.9	2.2	.6													61	61	80	35
42 / 41		1.7	2.8	1.4	.3													58	58	70	55
40 / 39	.2	.9	1.6	1.8	.2													44	44	61	98
38 / 37		.9	1.4	.4														25	25	56	62
36 / 35		.2	1.1	.3														15	15	46	45
34 / 33	.2	.1	.3	.1														7	7	34	61
32 / 31	.1	.2	.1															4	4	14	38
30 / 29	.1	.2																3	3	8	50
28 / 27		.2																2	2	2	38
26 / 25																				1	18
24 / 23																					17
22 / 21																					5
20 / 19																					6
TOTAL	1.1	20.8	34.1	23.4	11.8	5.8	2.2	.8		.1									929		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.	4916142	66280	71.3	14.209	929							
Dry Bulb	2664112	48922	52.7	9.729	929		.9	7.3	.7			93
Wet Bulb	2229164	44652	48.1	9.456	929		2.5	2.9				93
Dew Point	1848123	40109	43.2	11.202	929		17.3	2.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

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
≥ 75				.2														2	2	
74/ 73				.1														1	1	
72/ 71		.8	.5	.1														13	13	1	
70/ 69		1.0	.3		.1													13	13	17	7
68/ 67		.3	1.1	.1	.8		.1											22	22	6	16
66/ 65	.1	.4	.2	1.0	.1	.2												19	19	9	5
64/ 63	.2	1.3	1.3	1.1	.2	.6	.2											46	46	19	8
62/ 61		1.8	2.2	.4	.8	.5		.2										55	55	22	20
60/ 59		2.6	1.7	1.4	.3	.1		.1										58	58	47	15
58/ 57	.1	2.3	1.6	.5	.6	.4	.2											54	54	56	41
56/ 55		1.5	2.3	.9	.5	.3	.1											52	52	43	61
54/ 53	.1	1.8	1.6	.9	1.3	.5	.2											60	60	63	40
52/ 51		1.8	1.9	1.4	.5	.2	.2											57	57	53	31
50/ 49		1.0	3.2	2.0	.9	.4												70	70	45	49
48/ 47		1.3	2.3	2.0	.4													56	56	48	46
46/ 45		2.6	2.8	1.7	.3													69	69	75	39
44/ 43		2.6	2.8	1.7	.2													68	68	81	50
42/ 41		2.0	2.7	1.6														59	59	77	47
40/ 39	.1	1.1	3.6	1.1														54	54	64	77
38/ 37		1.4	2.5	1.3														48	48	59	69
36/ 35		.2	1.3	.1														15	15	63	50
34/ 33	.1	.3	1.4	.1														18	18	33	61
32/ 31	.2	.2	.5															9	9	26	49
30/ 29		.4	.1															5	5	14	60
28/ 27	.3	.3																6	6	14	35
26/ 25																				1	32
24/ 23																					14
22/ 21																					5
20/ 19																					4
TOTAL	1.3	29.1	37.9	19.8	7.1	3.4	1.1	.3											929		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.	5337790	69352	74.7	13.151	929							
Dry Bulb	2468705	47021	50.6	9.780	929		2.0	5.1	.3			93
Wet Bulb	2117969	43441	46.8	9.656	929		5.1	2.4				93
Dew Point	1794857	39501	42.5	11.145	929		19.7	2.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17x2x STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

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

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥76/ 75				.2														2	2		
74/ 73		.1	.1	.1														3	3		
≥/ 71		1.1	.5		.1	.1												17	17	3	
≥/ 69		.5	.2	.1		.1			.1									10	10	16	7
6≥/ 67		.3	.8	.1	.4													15	15	6	15
≥6/ 65		.9	.4	.4	.2	.1	.2	.1										22	22	7	6
≥4/ 63	.4	.8	.6	1.7	.4	.1												38	38	24	16
≥/ 61		1.9	1.9	.6	.8	.8												56	56	13	12
≥/ 59		2.8	1.7	.3	.2	.5	.1											53	53	46	16
≥/ 57		2.6	2.0	.3	.6		.2											54	54	53	38
5≥/ 55		1.1	1.7	1.8	.6	.3	.1											53	53	55	60
≥4/ 53		2.2	1.7	1.2	.8	.2												56	56	48	32
≥2/ 51		2.6	1.5	1.8	1.1	.3	.1											69	69	46	35
5≥/ 49		1.2	4.1	2.5	.3	.4												79	79	58	56
≥/ 47		1.8	1.5	1.4	.4	.1												49	49	61	38
≥≥/ 45		2.8	2.5	.8	.6													62	62	72	44
≥4/ 43		2.3	2.6	1.2	.1													57	57	80	62
≥2/ 41		2.7	3.5	2.0	.1													78	78	64	56
4≥/ 39		1.5	2.9	.3	.1													45	45	63	77
3≥/ 37	.1	1.3	3.0	1.0														50	50	68	56
≥≥/ 35		1.5	1.2															25	25	56	67
34/ 33		.8	1.1															17	17	38	47
≥2/ 31		.3	.5															8	8	24	43
≥≥/ 29		.3																3	3	13	59
≥≥/ 27	.2	.3																5	5	8	41
≥≥/ 25	.1	.1																2	2	3	26
2≥/ 23	.2																	2	2	3	7
≥2/ 21																					9
≥≥/ 19																					3
TOTAL	1.1	33.7	36.2	18.0	7.0	3.1	.8	.1	.1										930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5480272	70410	75.7	12.688	930
Dry Bulb	2448462	46826	50.4	9.883	930
Wet Bulb	2111378	43396	46.7	9.673	930
Dew Point	1805807	39681	42.7	11.015	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		2.0	4.7	.5			93
Wet Bulb		5.1	2.5				93
Dew Point		18.8	2.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13722 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
88 / 87													.1	.1				2	2			
86 / 85													.1					1	1			
84 / 83									.1		.1	.1						3	3			
82 / 81						.1	.1	.2		.2		.2	.1					9	9			
80 / 79				.2	.2		.2	.2	.1									9	9			
78 / 77			.1	.3		.2	.1	.2	.1	.4	.1	.1						16	16			
76 / 75			.4	.1	.2	.4	.3	.5	.4		.1							24	24	1		
74 / 73		.3	.4	.2		.9	.3	.2	.4	.5	.1							32	32	8	1	
72 / 71			.4	.5	.6	1.0	.5	.9	.1	.1								39	39	13	7	
70 / 69			.6	.9	1.1	.4	.6	.2	.2	.2	.1							41	41	8	10	
68 / 67		.5	1.0	1.1	1.5	1.1	1.2	.6	.4	.2								71	71	15	6	
66 / 65		.5	1.3	1.3	1.1	.9	.2	.9	.4									60	60	30	5	
64 / 63		.3	1.2	.9	1.3	.8	.8	.5	.3									56	56	42	20	
62 / 61		1.4	.9	.6	1.1	1.1	1.1	.5	.3									65	65	60	27	
60 / 59		.6	1.2	1.2	.6	1.1	1.2	.8	.1	.1								64	64	80	32	
58 / 57		.9	.8	1.2	1.3	.9	.8	.6										59	59	52	54	
56 / 55		.4	.5	1.4	1.1	1.5	.9	.2										56	56	70	51	
54 / 53		.8	1.3	1.9	1.3	1.1	.9	.3										70	70	56	40	
52 / 51		.8	1.6	.9	1.2	1.4	.2											56	56	57	43	
50 / 49		.8	1.1	1.5	1.2	.5												47	47	79	46	
48 / 47		.8	.6	1.2	2.0	.1												44	44	76	65	
46 / 45		.4	.5	1.5	.5	.2												30	30	62	52	
44 / 43		.6	1.3	1.0	.6													33	33	58	58	
42 / 41	.1	.1	1.2	1.4														26	26	61	56	
40 / 39	.2	.2	.4	.1														9	9	48	39	
38 / 37			.3	.1														4	4	37	58	
36 / 35		.2	.1															3	3	12	50	
34 / 33			.1															1	1	5	63	
32 / 31																				2	42	
30 / 29																				1	40	
28 / 27																					44	
26 / 25																					5	
24 / 23																					6	
22 / 21																					6	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

PAGE 2 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 15																					1
TOTAL	.3	9.7	17.4	19.5	16.9	13.5	9.4	7.0	3.1	1.8	.5	.4	.3	.1				930			930
																	930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3758271	56779	61.1	17.722	930							
Dry Bulb	3368860	55170	59.3	10.167	930			24.7	9.6	1.9		93
Wet Bulb	2574029	48217	51.8	8.935	930		.3	4.2	.9			93
Dew Point	1978755	41613	44.7	11.212	930		14.4	2.4	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13721 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — YEARS
OCT — MONTH

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

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-73,73-74 YEARS | OCT MONTH

PAGE 2 1200-1400 HOURS (LST)

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
28 / 27																				42
26 / 25																				21
24 / 23																				16
22 / 21																				7
20 / 19																				1
18 / 17																				4
16 / 13																				1
TOTAL	.3	7.1	5.9	8.0	11.4	11.6	15.4	13.0	12.6	5.6	4.5	1.7	1.1	.9	.5	.2	.2	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2649751	46213	49.7	19.475	930							
Dry Bulb	4156891	61327	65.9	11.019	930			45.5	28.9	10.6	.4	93
Wet Bulb	2661250	50922	54.8	8.866	930			8.0	2.1			93
Dew Point	1989701	41525	44.7	12.081	930		18.1	2.8	.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

13723 FORBES FLD KS
STATION STATION NAME

Temp. (F)	WET BULB (Fahrenheit) 0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
100/ 95																														
98/ 93																														
96/ 91																														
94/ 89																														
92/ 87																														
90/ 85							.5		.2	.1	.1	.2																		
88/ 83									.3	.4	.2	.3																		
86/ 81					.2	.2	.3		.4	.5	.6	.3	.2																	
84/ 79			.1	.8	.1	.1	.5	1.5	1.2	.5	.4	.3																		
82/ 77					.3	.5	1.1	1.3	.8	.6	.6	.2	.3																	
80/ 75				.1	.2	1.4	1.0	1.2	1.0	.6	.6	.4	.1																	
78/ 73				.4	.3	.8	.6	1.0	.6	.8	1.0	.1																		
76/ 71			.1	.5	.3	.4	.8	.5	1.0	.9	.3	.3																		
74/ 69		.2	.6	.3	.5	.6	.5	1.1	1.4	.4	.6																			
72/ 67		.4	.2	.4	1.1		1.4	.8	1.2	.6	.2																			
70/ 65		.6	.4	1.0	.3	.4	.8	1.5	.8	.5																				
68/ 63		.2	.3	.5	.1	.3	1.0	1.1	1.8		.1																			
66/ 61		.2	.2	.3	.3	.2	1.2	1.3	1.2	.2	.1																			
64/ 59		.5	.4	.2	.1	.8	.8	1.3	.6																					
62/ 57		.2	.3	.2	.4	.8	1.4	1.0	.6	.1																				
60/ 55		.8	.4	.5	.5	1.1	1.5	.9	.1																					
58/ 53		.8	.4	1.2	1.0	1.1	1.0	.5																						
56/ 51		.1	.2	.4	.5	1.2	.4																							
54/ 49		.4	.1	.1	.5	.4																								
52/ 47		.4	.1	.3	.8	.6																								
50/ 45		.6	.2		.1	.2																								
48/ 43	.1	.5	.4	.4	.2																									
46/ 41		.5	.1																											
44/ 39		.1																												
42/ 37																														
40/ 35																														
38/ 33																														
36/ 31																														
34/ 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	< 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 FORBES FLD KS 63-72,73-74
STATION STATION NAME YEARS

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	Dew Point
[illegible] / 27																					
[illegible] / 25																					
[illegible] / 23																					
[illegible] / 21																					
1 / 17																					
1 / 15																					
TOTAL	.1	6.8	4.8	8.1	8.4	11.8	13.9	15.4	13.3	6.3	5.3	2.4	1.2	1.0	.4	.4	.4	930	930	930	93[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2492941	44611	48.0	19.493	930							
Dry Bulb	4235393	61897	66.6	11.164	930			47.8	31.1	11.5	.7	9[illegible]
Wet Bulb	2868477	50981	54.8	8.912	930			8.8	2.3			9[illegible]
Dew Point	1954348	41080	44.2	12.265	930		18.5	2.6	.7			[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

 1800-2000 HOURS (LST)

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/ 85													.2					2	2		
4/ 83												.1	.1					2	2		
2/ 81					.1				.1			.2						4	4		
0/ 79				.1	.2	.2	.1		.1	.1	.1	.2						11	11		
7 / 77				.3	.3		.4			.2								12	12		
6/ 75			.2	.2	.3	.2	.3	.4	.1	.5	.2							24	24		
4/ 73		.3	.3	.1	.5	.3	.9	.5	.6	.2								36	36	0	
2/ 71				1.2	.8	1.0	.3	.5	.3		.1							39	39	9	5
/ 69		.2	1.1	1.2	1.2	.8	1.0	.3	.5	.1								59	59	8	1
6/ 67		.8	.4	.8	1.5	1.3	1.4	.2	.6	.3								68	68	11	2
6/ 65		.6	.5	1.7	1.2	.5	1.0	1.2	.1	.3								67	67	45	18
4/ 63	.1	1.0	.9	.9	.9	1.0	.5	.5	.2	.1								56	56	38	16
2/ 61	.1	.2	1.0	.4	.5	1.0	1.2	.6	.2									49	49	53	32
0/ 59		.8	1.1	.3	1.1	1.4	.6	.9	.1									58	58	69	36
9/ 57		.4	.4	1.0	1.3	1.9	1.0	.4	.1									61	61	75	31
5/ 55		.3	.4	1.4	1.6	1.8	1.2	.3	.1									67	67	40	57
4/ 53		.9	.9	1.1	1.1	1.8	1.1	.5										68	68	46	45
2/ 51		.6	1.0	.5	2.2	1.1	.3											53	53	68	33
9/ 49		.3	1.5	1.2	1.7	1.7	.4											64	64	53	44
7/ 47		1.2	.4	1.3	1.1	.9	.2											47	47	75	36
4/ 45		.3	.4	1.1	.8	.3												27	27	74	61
4/ 43		1.3	.6	.5	.5													28	28	72	67
2/ 41		.5	.1	.8	.4													17	17	58	48
1/ 39			.1	.3														4	4	50	58
9/ 37		.2	.1	.1														4	4	25	61
7/ 35	.1	.1																2	2	14	53
5/ 33		.1																1	1	7	43
4/ 31																				2	41
2/ 29																					46
0/ 27																					31
9/ 25																					22
7/ 23																					20
5/ 21																					6
3/ 19																					4

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 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-72,73-74 YEARS | OCT MONTH

PAGE 2 1800 2200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.	W.B.	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31								
1 / 17																									4
TOTAL	.3	10.2	11.5	16.5	19.2	17.2	11.9	6.6	3.3	1.9	.4	.5	.3									930		930	93
																						930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3494654	54530	58.6	17.890	930							
Dry Bulb	3391100	55422	59.6	9.750	930			25.7	9.1	1.4		93
Wet Bulb	2555185	48043	51.7	8.884	930		.2	3.4	.6			93
Dew Point	1919044	40830	43.9	11.668	930		17.4	1.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] FORBES FLD KS 63-70,73-74 OCT
STATION STATION NAME YEARS MONTH

 21[illegible]-23[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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
7[illegible] / 77				.1														1	1			
7[illegible] / 75			.2	.2	.1	.1			.1									7	7			
7[illegible] / 73		.2	.3	.4	.2	.2			.2									15	15			
7[illegible] / 71		.5	.2	.9	.2	.1	.3	.2	.4									28	28	7		
[illegible] / 69		.3	1.0	.5	.3	.4	.3	.3	.1									31	31	14	12	
6[illegible] / 67		.4	1.0	1.6	1.6	.5	.3	.1	.1									53	53	5	9	
[illegible]6 / 65		.2	1.1	1.2	.9	.9	.8											46	46	27	9	
[illegible]4 / 63	.2	1.2	1.7	1.9	1.2	1.0	.4	.2										73	73	29	15	
[illegible] / 61		.6	1.2	1.1	.9	.8	.5	.1	.1									49	49	44	25	
[illegible] / 59		.9	.4	1.5	.6	1.1	.3	.6										51	51	55	38	
[illegible] / 57		1.3	1.4	1.4	1.0	.5	.8											59	59	57	36	
5[illegible] / 55		.4	1.3	1.6	1.7	1.0	.5											61	61	57	50	
[illegible]4 / 53		.6	1.3	2.4	.8	1.0												56	56	61	32	
[illegible]2 / 51		.3	2.0	2.3	1.6	1.5	.2											74	74	41	36	
5[illegible] / 49	.1	.8	1.0	2.6	1.8	1.2	.2											71	71	57	49	
4[illegible] / 47		1.1	1.3	1.9	1.5	.5	.2											61	61	82	51	
4[illegible] / 45	.1	1.4	1.6	1.2	1.2	.4												55	55	65	49	
44 / 43		1.4	1.8	1.7	1.0	.1												56	56	75	56	
42 / 41		1.0	1.1	1.5	.5													38	38	85	50	
4[illegible] / 39		.2	1.0	1.3	.2													25	25	57	73	
3[illegible] / 37	.1		.5	.4														10	10	42	54	
3[illegible] / 35		.2	.1															3	3	42	62	
34 / 33		.1	.4															5	5	18	49	
[illegible]2 / 31		.1																1	1	5	43	
3[illegible] / 29		.1																1	1	5	50	
2[illegible] / 27																					[illegible]	
2[illegible] / 25																					26	
2[illegible] / 23																					15	
[illegible]2 / 21																					9	
[illegible] / 19																					2	
TOTAL	.5	13.4	21.9	27.7	17.3	11.3	4.9	1.7	1.1										930		93[illegible]	
																		930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4287950	61512	66.1	15.369	930							
Dry Bulb	2919846	51352	55.2	9.528	930		.2	13.5	2.3			[illegible]3
Wet Bulb	2349154	45948	49.4	9.223	930		1.0	2.6				[illegible]3
Dew Point	1676078	40422	43.5	11.325	930		17.5	2.1				[illegible]3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 — STATION
FORBES FLD KS — STATION NAME
63-70,73-74 — 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
96/ 95																	.0	2	2			
94/ 93														.0	.0	.0	.1	9	9			
../ 91														.0	.1	.0		10	10			
90/ 89													.0	.0	.0	.0		8	8			
88/ 87									.0	.0	.1	.0	.0	.1				16	16			
86/ 85						.1		.1	.1	.0	.1	.1	.1	.0				34	34			
84/ 83				.0	.0			.1	.1	.1	.1	.1	.1	.0				41	41			
../ 81				.1	.1	.1	.0	.1	.1	.2	.1	.1	.1					70	70			
../ 79			.0	.2	.1	.1	.2	.3	.3	.2	.1	.1	.0					117	117			
78/ 77			.0	.1	.1	.1	.4	.3	.3	.2	.2	.1	.1					138	138	2		
76/ 75			.1	.2	.2	.4	.3	.4	.3	.2	.2	.1	.0					175	175	16		
74/ 73		.1	.2	.2	.2	.4	.4	.3	.4	.3	.2	.1						205	205	41	13	
72/ 71		.4	.3	.5	.3	.4	.4	.4	.4	.2	.1	.1						261	261	41	27	
70/ 69		.3	.6	.5	.5	.4	.3	.3	.4	.1	.1	.0						264	234	110	69	
68/ 67		.4	.7	.6	1.1	.4	.7	.4	.4	.2	.1							373	373	136	73	
66/ 65	.0	.5	.7	1.0	.7	.5	.6	.6	.3	.2								374	374	243	82	
64/ 63	.2	.8	1.1	1.1	.6	.6	.5	.4	.5	.1	.0							446	446	331	121	
62/ 61	.0	1.0	1.1	.7	.6	.7	.6	.5	.3	.0	.0							424	424	372	200	
60/ 59		1.3	1.1	.7	.6	.8	.5	.6	.2	.0								426	426	477	240	
58/ 57	.0	1.3	1.0	.8	.8	.8	.8	.3	.1	.0								440	440	451	331	
56/ 55		.8	1.2	1.0	1.0	.9	.8	.3	.0									451	451	468	438	
54/ 53	.0	1.2	1.2	1.3	1.1	.9	.5	.2										473	473	450	329	
52/ 51		.8	1.3	1.3	1.0	.9	.2											420	420	451	323	
50/ 49	.0	.7	1.7	1.5	1.1	.8	.1											443	443	466	360	
48/ 47		1.0	1.1	1.3	1.0	.3	.1											357	357	551	351	
46/ 45	.0	1.3	1.4	1.0	.6	.1												330	330	558	366	
44/ 43	.0	1.3	1.5	1.1	.4	.0												327	327	549	448	
42/ 41	.0	1.2	1.5	1.1	.2													297	297	510	408	
40/ 39	.1	.5	1.2	.6	.1													183	183	393	554	
38/ 37	.0	.5	1.0	.4														141	141	306	466	
36/ 35	.0	.3	.5	.1														63	63	234	410	
34/ 33	.0	.2	.4	.0														49	49	136	410	
32/ 31	.0	.1	.1															22	22	73	352	
30/ 29	.0	.1	.0															12	12	37	383	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | OCT MONTH

 ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
32 / 27	.1	.1																13	13 24 305
26 / 25	.0	.0																2	2 5 172
24 / 23	.0																	2	2 3 112
22 / 21																			57
20 / 19																			20
18 / 17																			14
16 / 15																			3
14 / 13																			1
TOTAL	.6	16.3	21.2	17.6	12.4	9.7	7.4	5.6	4.2	2.0	1.3	.6	.4	.2	.1	.1	.1	7438 7438	7438 7438 7438

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	32416771	469687	63.1	19.256	7438							
Dry Bulb	25653369	427937	57.5	11.783	7438		5.1	174.3	82.5	25.4	1.1	744
Wet Bulb	19667006	375600	50.5	9.703	7438		14.2	34.8	5.9			744
Dew Point	15166713	324761	43.7	11.519	7438		141.7	18.2	1.3			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(7362) STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
68 / 67			.1															1	1	
66 / 65			.2	.1	.1													4	4	
64 / 63		.1	.1	.3			.1											6	6	1	
62 / 61		.4	.8	.4	.3			.1	.1									20	20	6	2
60 / 59			.4	.2	.2	.1		.1										10	10	3	7
58 / 57		.4	1.0	.1	.1	.2												17	17	14	
56 / 55		.6	1.0	.3	.3													20	20	10	10
54 / 53		.9	1.4	.3	.4	.4												32	32	21	15
52 / 51		1.2	1.9	.2	.7	.4												40	40	31	12
50 / 49		3.0	1.2	1.3	.2													52	52	26	27
48 / 47		1.8	.3	2.0	1.0	.2												48	48	50	40
46 / 45	.3	1.1	.9	1.4	.7	.1												41	41	38	45
44 / 43		2.3	2.7	1.4	.9													66	66	43	15
42 / 41		1.9	3.3	3.0	.6													79	79	48	24
40 / 39	.1	4.3	3.3	1.7	.3													88	88	76	29
38 / 37		3.4	3.1	.9	.2													69	69	83	42
36 / 35	.2	2.9	3.2	1.3														69	69	106	67
34 / 33	.1	1.4	3.6	.4	.1													51	51	70	77
32 / 31		1.7	3.2	.7	.2													52	52	66	79
30 / 29		.6	3.0															32	32	43	64
28 / 27		2.2	1.0															29	29	41	74
26 / 25		1.4	.8															20	20	48	49
24 / 23	.1	1.4	1.0															23	23	22	43
22 / 21		.8	.2	.1														10	10	23	47
20 / 19		.3	.6															8	8	10	46
18 / 17		.3																3	3	6	17
16 / 15		.1																1	1	5	22
14 / 13		.1																1	1	1	11
12 / 11		.6																5	5	1	11
10 / 9		.1																1	1	5	2
8 / 7		.2																2	2	3	9
6 / 5																					2
4 / 3																					1
2 / 1																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 | FORBES FLD KS | 63-70,73-74 | NOV

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL 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																					4
TOTAL	.9	35.8	38.4	16.4	6.4	1.6	.1	.2	.1										900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4879608	65182	72.4	13.292	900							
Dry Bulb	1566257	36443	40.5	10.149	900		18.7	.1				9
Wet Bulb	1319812	33356	37.1	9.641	900		27.4					9
Dew Point	1032525	28745	31.9	11.283	900	.4	48.8					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1352 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
67 / 65			.1	.2														3	3			
64 / 63		.3																3	3			
62 / 61			1.1	.6														15	15	9	2	
60 / 59		.7	.7	.2	.1													15	15	1	1	
58 / 57		.7	.6	.2														13	13	20	2	
56 / 55		.8	.1	.1	.4	.3		.1										17	17	14	21	
54 / 53		.8	.8	.8	.3													24	24	17	16	
52 / 51		1.8	1.2	.4	.4	.1												36	36	13	13	
50 / 49		2.0	.8	.8	.2		.1											35	35	30	19	
48 / 47		3.3	.9	1.4	.1	.1												53	53	45	32	
46 / 45	.1	1.8	1.0	.9	.8	.1												42	42	39	33	
44 / 43		2.0	1.4	1.4	.6													49	49	38	27	
42 / 41		3.0	2.9	1.8	.1													70	70	46	20	
40 / 39	.7	2.6	3.6	1.1	.4													75	75	58	43	
38 / 37		4.4	2.9	.8	.3													76	76	69	32	
36 / 35	.1	4.3	2.6	.6														68	68	100	51	
34 / 33	.6	3.3	3.4	.8	.3													76	76	77	69	
32 / 31	.1	2.7	3.1	.2														55	55	70	81	
30 / 29		3.1	2.2	.1														49	49	67	68	
28 / 27		2.8	.8															32	32	48	75	
26 / 25		2.1	1.0															28	28	47	57	
24 / 23		1.2	.2															13	13	34	55	
22 / 21	.4	2.0																22	22	14	31	
20 / 19		.9	.2															10	10	22	44	
18 / 17	.1	.9	.2															11	11	6	35	
16 / 15		.1																1	1	8	21	
14 / 13																				3	19	
12 / 11		.3																3	3		9	
10 / 9		.3																3	3	3	3	
8 / 7		.1																1	1	3	6	
6 / 5		.2																2	2	3		
4 / 3																					1	
2 / 1																					4	
0 / -1																					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 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]20 | FORBES FLD KS | 63-70,73-74 | NOV

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 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						
TOTAL	2.1	49.6	31.8	12.4	4.2	.7	.1	.1												900	900	900	900

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.	5240673	67745	75.3	12.539	900							
Dry Bulb	1454469	35034	38.9	10.318	900		23.0					9[illegible]
Wet Bulb	1254273	32407	36.0	9.858	900		32.8					9[illegible]
Dew Point	1005600	28306	31.5	11.331	900	.7	51.9					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

PAGE 1 0600-1800 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. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 65			.3															3	3	
74/ 63		.1	.1															2	2	3
72/ 61			.8	.4														11	11	1	3
70/ 59		1.2	.4	.3	.1	.1												20	20	2	
68/ 57		1.2	.9			.1												20	20	21	3
66/ 55		.9	.3	.2														13	13	16	19
64/ 53		.1	.3	.4	.2													10	10	18	21
62/ 51		1.4	.9	.2			.3											26	26	4	7
60/ 49		2.6	1.1	1.0														42	42	27	20
58/ 47		2.3	1.0	1.9	.4													51	51	41	28
56/ 45	.3	2.7	1.0	1.3	.2	.1												51	51	35	41
54/ 43	.2	2.4	1.0	1.2	.2													46	46	47	23
52/ 41		2.8	2.1	1.4	.1													58	58	45	29
50/ 39	.3	3.6	3.4	.6	.1													72	72	57	44
48/ 37		2.8	2.2	.9	.2													55	55	62	38
46/ 35		4.2	3.8	1.1														82	82	74	36
44/ 33	.7	4.3	3.6	.2	.3													82	82	86	66
42/ 31	.3	3.2	3.0	.4														63	63	80	64
40/ 29		3.1	1.3															40	40	74	84
38/ 27	.2	2.9	1.0	.2														39	39	53	59
36/ 25		3.6	.7															38	38	41	68
34/ 23		2.0	.3															21	21	43	56
32/ 21	.4	1.9	.1															22	22	20	38
30/ 19	.2	.9	.3															13	13	23	36
28/ 17		.4	.1															5	5	6	43
26/ 15		.3	.2															5	5	7	22
24/ 13		.1	.1															2	2	5	13
22/ 11		.1																1	1	2	7
20/ 9		.3																3	3	1	13
18/ 7																				3	1
16/ 5		.3																3	3	1	3
14/ 3																				2	3
12/ 1																					2
10/ -1																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

 0630-0900 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	Dew Point
-1 / -3																					1
TOTAL	2	51	93	0.6	12.0	2.0	.3	.3										899		899	899
																		899		899	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5406250	68852	76.6	12.173	899							
Dry Bulb	1417187	34443	38.3	10.425	899		25.5					9
Wet Bulb	1230387	32011	35.6	10.042	899		35.8					9
Dew Point	1001610	28166	31.3	11.519	899	.7	52.2					5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

PAGE 1 0900-1100 HOURS (LST)

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
≥74/ 73						.1												1	1		
72/ 69					.3	.3		.1										7	7		
70/ 67			.2	.2	.2	.1	.2											9	9		
68/ 65			.2	.7	.6		.1											14	14		
66/ 63			.6	.7	.6	.2	.1	.2	.1									22	22	3	1
64/ 61		.1	.9	.6	.1	.1	.1	.1										18	18	8	1
62/ 59		.6	.8	.3	.7	.3	.3	.2										29	29	20	3
60/ 57		.3	.7	.2	.4	.1	.3	.1										20	20	27	11
58/ 55		.4	.4	.4	1.0	.7	.6	.1										33	33	20	28
56/ 53		1.7	.2	.4	.3	.6	.1	.2										32	32	21	15
54/ 51		1.9	1.1	1.6	1.6	1.0	.3											67	67	25	30
52/ 49		1.0	.9	1.2	1.6	1.0	.1											52	52	41	22
50/ 47	.1	1.8	1.2	1.3	2.2	.6	.2											67	67	37	24
48/ 45		1.7	2.1	1.9	1.1	.4												65	65	60	31
46/ 43	.2	1.3	2.8	1.9	1.1	.7	.1											73	73	59	31
44/ 41	.1	2.2	1.8	1.9	.8	.3												64	64	75	35
42/ 39		1.7	3.4	1.9	.7	.1												70	70	92	43
40/ 37		1.3	2.2	1.7	.2													49	49	72	61
38/ 35	.1	1.4	3.0	1.2	.3													55	55	74	50
36/ 33	.1	1.1	2.4	1.3	.1													46	46	66	59
34/ 31		1.0	2.2	.2	.1													32	32	54	60
32/ 29	.2	.2	1.3	.8	.1													24	24	50	61
30/ 27		.7	1.1	.3														19	19	25	68
28/ 25		.6	.3	.3														11	11	22	50
26/ 23		.4	.1															5	5	23	43
24/ 21	.1	.1	.2															4	4	7	34
22/ 19		.2	.2															4	4	5	42
20/ 17			.1															1	1	4	23
18/ 15			.2															2	2	2	13
16/ 13		.1	.1															2	2	3	13
14/ 11		.1																1	1	2	9
12/ 9		.1																1	1	2	6
/ 7		.1																1	1	1	2
/ 5																					4

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
4 / 5																						4
2 / 1																						3
0 / -1																						2
-2 / -3																						1
TOTAL	1.0	22.2	31.0	21.1	14.1	6.7	2.7	1.1	.1									900		900		900
																	900		900			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4199080	59750	66.4	16.076	900							
Dry Bulb	1879794	40012	44.5	10.597	900		10.7	1.7	.1			9
Wet Bulb	1505566	35750	39.7	9.752	900		20.0					9
Dew Point	1118684	29894	33.2	11.826	900	.6	45.4					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV 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. Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 79									.1									1	1	
7 / 77								.1										1	1	
6 / 75							.7		.2	.1	.2							11	11	
4 / 73						.1	.3	.4	.1	.1								10	10	
2 / 71					.1	.6	.3	.1	.3									13	13	
/ 69					.1	.8	.2	.2	.6	.2								19	19	
/ 67				.2	1.0	.8	.7	.4	.3	.3	.1							35	35	
6 / 65			.2	.3	1.0	.9	.2	.7	.4	.4								38	38	2
4 / 63			.2	.2	.2	.7	1.1	.6	.4	.1								32	32	9
2 / 61		.1	.4	.2	.7	.3	.9	1.0	.3	.1								37	37	15
/ 59		.1	.7	.1	.2	1.3	1.3	.7	.2									42	42	32 4
/ 57		.1	.4	.1	1.1	1.0	1.2	.8	.4									47	47	33 11
5 / 55		.3	.6	.3	1.0	1.4	1.9	.7										56	56	29 23
4 / 53	.1	.2	.7	.7	1.1	1.4	1.3	.6										55	55	35 21
2 / 51	.1	.7	.9	.9	.9	1.7	2.1	.1										66	66	37 28
5 / 49		1.1	1.1	.7	1.1	1.7	1.3	.1										64	64	67 26
/ 47		.9	.7	.7	1.4	1.3	.8	.2										54	54	67 28
4 / 45		1.2	.7	1.6	1.6	1.2	.4											60	60	76 28
4 / 43		.8	1.3	1.3	.9	.6	.1											45	45	62 34
2 / 41		.2	1.2	1.8	.8	.4												40	40	78 33
/ 39		.9	1.4	.6	.7	.3												35	35	71 61
/ 37		1.0	.4	1.6	.9	.1												36	36	74 53
/ 35	.1	.4	1.1	1.6	.9													37	37	58 66
34 / 33		.3	.4	1.2	.3													21	21	29 51
2 / 31		.3	.2	.4	.3													12	12	35 64
/ 29		.4	.3	.1	.1													9	9	41 56
/ 27			.4	.3														7	7	14 55
/ 25			.1	.4														5	5	12 47
24 / 23			.3															3	3	4 36
2 / 21			.1	.3														4	4	8 45
/ 19				.1														1	1	3 37
/ 17			.2															2	2	3 16
/ 15			.1															1	1	4 19
/ 13	.1																	1	1	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

PAGE 2 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	Dew Point
110 / 110																			1	
100 / 109																				
90 / 99																				
80 / 89																				
70 / 79																				
60 / 69																				
50 / 59																				
40 / 49																				
30 / 39																				
20 / 29																				
10 / 19																				
0 / 9																				
-10 / -1																				
-20 / -11																				
TOTAL	.3	9.3	14.4	15.8	16.4	16.7	15.0	6.7	3.6	1.4	.3						900	900	900	900

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.	2674748	48292	53.7	17.758	900							
Dry Bulb	2452478	45816	50.9	11.560	900		4.5	9.0	2.3			
Wet Bulb	1754425	38779	43.1	9.639	900		12.6					
Dew Point	1134549	29995	33.3	12.066	900	.3	43.1					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1762 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31										
/ 79									.1									1	1		
7 / 77								.1	.1									2	2		
76 / 75							.1	.2		.2	.1							6	6		
74 / 73						.2	.3	.2	.3		.2							12	12		
72 / 71					.1	.3	.6	.2	.2	.1								14	14		
70 / 69						1.1	.6	.4	.3	.8	.1							30	30		
68 / 67				.1	.6	.7	1.6	.9	.4	.1	.1							40	40		
66 / 65			.2	.1	.3	.2	.4	.3	.7	.3	.1							25	25		
64 / 63		.2	.4		.8	.7	.4	.7	.3	.1								33	33	8	
62 / 61		.2	.1	.3	.6	.8	1.3	.8	.3	.1								43	43	15	
60 / 59		.1	.1		.9	.9	1.2	.4	.6	.1								39	39	32	7
58 / 57		.2	.4	.1	.6	1.7	1.3	.9	.1									45	45	27	10
56 / 55		.3	.7	.3	1.3	1.2	.9	.4	.2									49	49	37	7
54 / 53		.2	.4	.9	1.4	1.3	1.7	.4										58	58	31	20
52 / 51		.7	1.1	.4	1.3	1.7	1.9	.3										67	67	46	30
50 / 49		.8	.6	.6	1.8	1.9	1.7	.3										68	68	67	28
48 / 47		1.2	.4	.9	1.1	1.4	1.2											57	57	66	31
46 / 45		1.4	1.3	.9	.9	.9	.7											55	55	70	35
44 / 43		.8	.4	1.0	.8	1.1												37	37	61	42
42 / 41		.6	1.1	.9	.7	.6												34	34	87	36
4 / 39		.2	1.7	.9	1.0	.6												39	39	59	49
3 / 37	.1	1.4	1.3	1.3	.6													43	43	64	49
36 / 35	.1	.8	1.0	1.3	.9	.1												38	38	63	60
34 / 33		.1	.3	.7	.7													16	16	47	59
32 / 31		.6	.3	.9	.3													19	19	30	61
30 / 29		.2	.3	.1	.1													7	7	31	51
28 / 27		.1	.1															2	2	19	60
26 / 25		.2		.3														5	5	15	48
24 / 23			.1	.4														5	5	0	35
22 / 21			.6	.3														8	8	1	39
/ 19		.1	.1															2	2	0	32
18 / 17																				9	33
16 / 15																				2	17
14 / 13																					6

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1. / 11																					10
1 / 9																					9
/ 7																					7
/ 5																					5
/ 3																					7
/ 1																					2
/ -1																					1
-1 / -3																					3
TOTAL	.2	10.6	13.3	12.9	16.9	17.4	15.6	6.8	3.8	1.9	.7							899			899
																	899		899		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2797710	47470	52.8	18.006	899		4.8	10.5	2.1			9
Dry Bulb	2459713	45849	51.0	11.628	899		11.9					90
Wet Bulb	1745022	38658	43.0	9.596	899	.4	43.6					96
Dew Point	1106274	29600	32.9	12.109	899							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

PAGE 1 | 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 71							.2											2	2	
70/ 69				.1			.2											3	3	
68/ 67				.3	.4	.1		.1	.1									10	10	
66/ 65					.1	.2			.1									4	4	
64/ 63		.1	.7	.4	.7	.2	.4	.3										26	26	1
62/ 61		.1	.2	.3	.4	.4	.3	.2										19	19	4
60/ 59		.1	.3	1.0	.2	.6	.3	.3										26	26	17 4
58/ 57		.3	1.2	1.1	.7	.8	.3											40	40	10 9
56/ 55		1.1	1.2	.7	.7	.6	.3	.1										42	42	21 5
54/ 53		.4	2.1	1.0	.7	.8	.3											48	48	37 18
52/ 51		.9	.4	1.0	2.6	1.1	.4											58	58	43 17
50/ 49		1.2	1.0	1.3	1.4	1.2		.2										58	58	54 43
48/ 47		.9	1.0	1.3	1.9	.6	.2											53	53	39 36
46/ 45		1.4	1.3	2.3	.9	1.0	.1											64	64	55 29
44/ 43		1.1	3.2	1.8	1.6	1.0												78	78	61 30
42/ 41		1.1	2.0	2.6	2.3	.6												77	77	68 30
40/ 39		.7	3.4	1.2	1.7	.2												65	65	81 37
38/ 37	.2	2.1	2.3	1.3	.2													56	56	60 60
36/ 35	.1	.8	1.9	1.7	.6													45	45	131 66
34/ 33		.7	1.6	1.0														29	29	66 62
32/ 31		.2	1.8	.8	.1													26	26	44 77
30/ 29			1.7	.8	.2													24	24	45 51
28/ 27		.3	.7	.8														16	16	20 64
26/ 25		.7	.4	.3														13	13	24 32
24/ 23			.1	.1														2	2	21 44
22/ 21			.4															4	4	8 49
20/ 19		.1	.2															3	3	5 38
18/ 17			.4															4	4	5 23
16/ 15		.1	.2															3	3	2 19
14/ 13		.1																1	1	5 15
12/ 11		.1																1	1	3 13
10/ 9																				3
8/ 7																				12
6/ 5																				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV 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
[illegible] / 3																					3
[illegible] / 1																					4
[illegible] / -1																					1
[illegible] / -3																					1
TOTAL	.3	14.8	30.0	23.3	17.3	9.3	3.3	1.3	.2								900	900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3790755	56585	62.9	15.754	900							
Dry Bulb	1928409	40623	45.1	10.270	900		9.7	1.5				9[illegible]
Wet Bulb	1508441	35853	39.8	9.444	900		18.2					9[illegible]
Dew Point	1074265	29227	32.5	11.798	900	.5	45.4					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1362 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
68 / 67				.1	.1													2	2			
66 / 65			.2	.1	.2													5	5			
64 / 63		.2	.3	.9	.2													15	15			
62 / 61		.2	.6			.3	.2	.1										13	13	6	1	
60 / 59			.4	.4	.2	.4	.2											16	16	11	6	
58 / 57		.4	.8	.4	.4	.4												23	23	12	3	
56 / 55		.9	1.8	.3	.6	.6												37	37	12	11	
54 / 53		.6	1.8	.8	.4	.4	.1											37	37	24	15	
52 / 51		.8	1.4	.7	.9	.2												36	36	32	18	
50 / 49		3.1	.7	1.4	1.6	.4												65	65	49	26	
48 / 47		1.4	.9	1.6	.8	.4												46	46	39	44	
46 / 45		2.0	1.7	1.8	1.2	.1												61	61	43	31	
44 / 43		1.1	2.3	2.4	.3													56	56	51	32	
42 / 41		1.7	3.3	3.1	1.1													83	83	61	26	
40 / 39		2.4	3.1	1.9	1.1													77	77	68	33	
38 / 37	.1	2.2	3.3	1.9	.3													71	71	88	46	
36 / 35	.2	2.4	2.8	1.7	.2													66	66	80	72	
34 / 33		.7	3.1	1.6														48	48	78	72	
32 / 31		1.1	2.6	1.1	.2													45	45	59	63	
30 / 29		.4	1.3	.3														19	19	55	64	
28 / 27		.9	1.2	.1														20	20	37	58	
26 / 25		1.4	1.2	.1														25	25	30	56	
24 / 23		.2	.7	.2														10	10	23	35	
22 / 21		.3	.4															7	7	13	51	
20 / 19		.4	.1															5	5	11	32	
18 / 17		.1																1	1	8	24	
16 / 15		.3	.2															5	5	2	24	
14 / 13		.3																3	3	3	13	
12 / 11		.1																1	1	5	11	
10 / 9		.2																2	2	2	7	
8 / 7																				1	8	
6 / 5																					7	
4 / 3																					4	
2 / 1																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

PAGE 2 | 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≤ -1																				2
TOTAL	.3	26.2	36.3	23.0	10.0	3.4	.6	.1										900		900
																		900	900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4432662	61902	68.8	13.954	900							
Dry Bulb	1690213	37921	42.1	10.140	900		14.3	.2				9
Wet Bulb	1388846	34276	38.1	9.635	900		24.6					9
Dew Point	1052723	28943	32.2	11.647	900	.2	46.2					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13732 FORBES FLD KS 63-70,73-74 NOV
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
/ 79									.0									2	2			
7 / 77								.0	.0									3	3			
6 / 75							.1	.0	.0	.0	.0							17	17			
4 / 73						.1	.1	.1	.1	.0	.0							23	23			
/ 71					.0	.1	.1	.0	.1	.0								29	29			
/ 69				.0	.1	.3	.1	.1	.1	.1	.0							59	59			
6 / 67			.0	.1	.3	.2	.3	.2	.1	.1	.0							97	97			
6 / 65			.2	.2	.3	.2	.1	.1	.2	.1	.0							96	96	2		
4 / 63		.1	.3	.3	.3	.2	.3	.2	.1	.0								139	139	25	1	
/ 61		.2	.6	.4	.3	.3	.4	.3	.1	.0								176	176	60	9	
/ 59		.3	.5	.3	.3	.5	.4	.2	.1	.0								197	197	118	32	
/ 57		.5	.8	.3	.4	.5	.4	.2	.1									225	225	164	49	
/ 55		.7	.8	.3	.7	.6	.5	.2	.0									267	267	161	124	
4 / 53	.0	.6	1.0	.7	.6	.6	.4	.2										296	296	204	141	
/ 51	.0	1.2	1.1	.7	1.0	.8	.6	.1										396	396	231	155	
5 / 49		1.8	.9	1.0	1.0	.8	.4	.1										436	436	361	213	
/ 47	.0	1.7	.8	1.4	1.1	.6	.3	.0										429	429	384	263	
/ 45	.1	1.7	1.3	1.5	.9	.5	.2											439	439	416	273	
4 / 43	.1	1.5	1.9	1.6	.8	.4	.0											450	450	422	234	
/ 41	.0	1.7	2.2	2.1	.8	.2												505	505	508	234	
/ 39	.1	2.0	2.9	1.2	.8	.2												521	521	562	339	
/ 37	.1	2.3	2.2	1.3	.4	.0												455	455	572	383	
/ 35	.1	2.2	2.4	1.3	.4	.0												460	460	656	408	
3 / 33	.2	1.5	2.3	.9	.2													369	369	519	515	
2 / 31	.1	1.3	2.1	.6	.2													304	304	438	549	
/ 29	.0	1.0	1.4	.3	.1													204	204	406	519	
/ 27	.0	1.2	.8	.2														164	164	257	513	
/ 25		1.3	.6	.2														145	145	239	407	
4 / 23	.0	.7	.4	.1														82	82	173	344	
2 / 21	.1	.6	.3	.1														81	81	91	334	
/ 19	.0	.4	.2	.0														46	46	85	309	
/ 17	.0	.2	.1															27	27	47	219	
/ 15		.1	.1															18	18	32	157	
4 / 13		.1	.0															10	10	21	123	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | NOV MONTH

 ALL HOURS G.M.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
120 / 110		.2																12	12	14	75
100 / 90		.1																10	10	13	41
80 / 70		.1																4	4	11	48
60 / 50		.1																5	5	4	26
40 / 30																				2	26
20 / 10																					33
0 / -10																					30
-20 / -30																					8
TOTAL	1.0	27.4	28.2	17.1	10.9	7.0	4.7	2.0	1.0	.4	.1							7198	7198	7198	7198

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33611486	475778	66.1	17.337	7198							
Dry Bulb	14855519	316141	43.9	11.612	7198		111.2	23.0	4.5			720
Wet Bulb	11706772	281090	39.1	10.071	7198		183.4					720
Dew Point	8522310	232876	32.4	11.717	7198	3.8	376.6					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13722 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

PAGE 1 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. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 67				.2														2	2	
62 / 66			.2	.2			.1											5	5	
57 / 61		.4	.6															10	10	
52 / 56		.1	.2	.1				.1										5	5	15
47 / 51		.1	.3	.1														5	5	2
42 / 46		.1																1	1	4
37 / 41		.1	.2	.1														4	4	5
32 / 36		.4																4	4	2
27 / 31		.5	.5	.2	.4	.1												17	17	9
22 / 26		.3	.3	.4	.3													13	13	4
17 / 21		.4	.3	.5	.5	.1												18	18	10
12 / 16		1.3	1.1	1.1	.3													35	35	12
7 / 11	.4	1.3	1.6	1.0	.3													43	43	28
2 / 6	.1	1.8	2.3	1.7	.2													57	57	35
-3 / 1	.3	3.4	3.3	1.7	.3													85	85	53
-8 / -4		2.6	2.2	1.5														58	58	68
-13 / -9	.1	3.4	3.1	.2														64	64	76
-18 / -14	.2	4.6	3.2	.1														76	76	88
-23 / -19	.6	4.6	2.6															73	73	83
-28 / -24	.1	4.9	2.3															68	68	68
-33 / -29	.3	3.5	1.6															51	51	81
-38 / -34	1.5	3.3	1.0															54	54	60
-43 / -39	.5	3.5	.6															44	44	49
-48 / -44	.1	3.0	.3															32	32	40
-53 / -49		2.7	.1															26	26	38
-58 / -54		1.6																15	15	24
-63 / -59		1.2																11	11	12
-68 / -64	.6	.6																12	12	17
≤ -69	.2	.4																6	6	7
	.2	1.0																11	11	7
	.1	.9																9	9	13
		1.0																9	9	6
	.1	.3																4	4	7
																				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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-5 / -5		.3																3		3	2	9
-6 / -7																					1	1
-8 / -9																						2
-10 / -11																						9
-12 / -13																						2
-14 / -19																						4
-20 / -21																						1
TOTAL	5.7	54.1	28.1	9.2	2.5	.2	.1	.1											930			930
																		930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4987053	67067	72.1	12.729	930							
Dry Bulb	919115	27263	29.3	11.361	930	.7	56.8					93
Wet Bulb	772382	24936	26.8	10.569	930	1.2	68.3					93
Dew Point	547445	19619	21.1	11.991	930	4.1	79.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1362 STATION — FORBES FLD KS STATION NAME — 63-70,73-74 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67 / 63				.3														3	3		
62 / 61			.2															2	2		
57 / 59		.4	.2															6	6	1	
52 / 57		.4	.3	.1														8	8	10	
56 / 55								.1										1	1	4	
54 / 53			.3															3	3	3	
52 / 51		.3	.3	.1			.1											8	8	1	
50 / 49				.1			.1											2	2	7	
48 / 47	.1	.3	.3	.3														10	10	5	
46 / 45		.5	.3	.1	.1	.1												11	11	3	
44 / 43		.4	1.0	.2	.1													16	16	10	
42 / 41		1.0	.4	.2	.4													19	19	14	
40 / 39	.2	1.1	1.1	1.0	.2													33	33	20	19
38 / 37	.4	2.5	1.5	1.6														56	56	27	19
36 / 35	.4	2.6	2.9	1.3	.1													68	68	42	20
34 / 33		3.8	3.4	1.1														77	77	60	29
32 / 31	.2	2.6	3.5	1.2														79	79	84	36
30 / 29	.1	4.6	3.3	.4														79	79	77	46
28 / 27	.5	4.1	1.8															60	60	87	51
26 / 25	.5	4.7	1.0															58	58	90	61
24 / 23	.2	4.9	2.3															69	69	61	6
22 / 21	1.2	5.3	1.4															73	73	94	71
20 / 19	.5	2.8	.9															39	39	57	6
18 / 17	.4	2.9	.1															32	32	38	6
16 / 15	.1	3.0																29	29	37	6
14 / 13	.1	1.5																15	15	26	5
12 / 11	.2	1.6																17	17	17	4
10 / 9	.1	1.7																17	17	16	3
8 / 7	.3	1.1																13	13	20	3
6 / 5	.3	.8																10	10	9	1
4 / 3		.6																6	6	8	2
2 / 1	.1	.4																5	5	6	1
0 / -1	.4	.4																8	8	5	
-2 / -3		.4																4	4	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 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]2[illegible]	FORBES FLD KS	63-70,73-74	DEC

PAGE 2 [illegible]300-[illegible]500 HOURS [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	Dew Point
-4/ -5		.3																3	3	1	4
-6/ -7																				3	2
-8/ -9																					2
-10/-11																					5
-12/-13																					7
-14/-15																					1
-16/-17																					3
-18/-19																					3
TOTAL	6.7	57.2	26.7	8.1	1.0	.1	.2	.1										930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5152670	68288	73.4	12.207	930							
Dry Bulb	848011	26059	28.0	11.262	930	1.5	60.7					93
Wet Bulb	719889	23943	25.7	10.554	930	1.6	72.3					93
Dew Point	516618	18896	20.3	11.951	930	4.2	81.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13[illegible]2 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC 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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]4/ 63				.3														3	3		
[illegible]2/ 61		.1		.1														2	2		
[illegible]0/ 59		.2		.1														3	3	3	
[illegible]8/ 57		.3	.3	.1														7	7	3	3
5[illegible]/ 55		.2																2	2	7	2
[illegible]4/ 53		.3	.6					.1										10	10	4	6
[illegible]2/ 51		.1					.2											3	3	4	5
5[illegible]/ 49			.1	.1														2	2	6	4
[illegible]0/ 47		.3	.1	.3														7	7	3	2
[illegible]8/ 45		.3	.8	.1														11	11	2	5
[illegible]4/ 43		.5	.3	.2	.6													16	16	9	2
[illegible]2/ 41		1.7		.4	.4													24	24	17	4
4[illegible]/ 39	.1	.8	.8	.6														21	21	18	22
3[illegible]/ 37	.2	.9	.9	1.2	.2													31	31	19	10
3[illegible]/ 35	.2	2.9	1.6	.9	.1													53	53	26	11
34/ 33	.6	3.0	3.6	.5														72	72	57	27
[illegible]2/ 31	.1	3.9	3.3	1.3														80	80	73	25
3[illegible]/ 29	.3	5.7	3.2	.3														89	89	72	44
2[illegible]/ 27	.6	5.3	2.0															74	74	95	45
2[illegible]/ 25	.5	6.0	1.5															75	75	97	66
24/ 23	.3	4.7	1.2															58	58	79	71
2[illegible]/ 21	1.0	4.8	.8															61	61	67	61
[illegible]/ 19	.4	3.4	.8															43	43	52	40
1[illegible]/ 17	.2	3.3																33	33	40	55
1[illegible]/ 15		3.2																30	30	34	61
14/ 13	.1	3.0																29	29	44	45
1[illegible]/ 11	.2	.6																8	8	12	36
1[illegible]/ 9	.4	2.2																24	24	16	49
[illegible]/ 7	.1	1.8																19	18	21	30
[illegible]/ 5	.4	.6																10	10	16	16
[illegible]/ 3	.1	.1																2	2	2	21
[illegible]/ 1	.3	.6																9	9	8	17
[illegible]/ -1	.5	.3																8	8	7	11
[illegible]/ -3	.1	.5																6	6	8	9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

 0600-0900 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
-4/ -5	.3	.2																5	5	4	8
-6/ -7																				2	4
-8/ -9																					1
-10/-11																					3
-12/-13																					5
-14/-15																					4
-16/-17																					6
TOTAL	7.4	62.3	21.9	6.7	1.4		.2	.1											929		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5255393	68985	74.3	11.961	929							
Dry Bulb	806393	25141	27.1	11.372	929	1.9	66.3					93
Wet Bulb	684061	23187	25.0	10.654	929	2.1	75.2					93
Dew Point	492300	18278	19.7	11.957	929	5.1	82.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ 63			.1	.1	.1	.1				.1								5		5		
-2/ 61		.1	.2		.1				.1	.1								6		6		
-1/ 59		.1	.2					.1										4		4	3	
0/ 57		.2	.1	.1		.1			.1									6		6	3	2
1/ 55		.2	.3				.2	.1										8		8	6	4
2/ 53		.1	.2	.2		.1												6		6	5	5
3/ 51			.4			.3	.2											9		9	4	3
5/ 49		.2	.2	.1	.6	.3												14		14	3	3
7/ 47		.2	.5	.4	.5	.8	.1											24		24	9	7
8/ 45		.5	.8	.4	1.2	.2												29		29	9	4
10/ 43		.5	.3	1.2	.2	.2	.1											24		24	17	7
12/ 41	.1	.5	.8	1.7	1.1	.4												43		43	29	13
14/ 39	.4	.5	1.7	1.4	.5													43		43	30	17
15/ 37	.1	1.9	1.6	1.4	.4													51		51	43	8
17/ 35	.2	2.5	3.5	1.9	.2													78		78	56	14
19/ 33	.4	3.1	2.9	1.3	.1													73		73	77	26
21/ 31	.1	2.9	3.5	1.2														72		72	81	48
23/ 29	.4	3.8	3.4	.5														76		76	89	69
25/ 27	.3	3.1	2.7	.3														60		60	79	60
26/ 25	.2	3.8	2.0															56		56	74	55
28/ 23		2.7	.9	.1														34		34	61	77
30/ 21	.2	4.6	1.5															59		59	45	64
32/ 19	.1	2.5	.6															30		30	54	75
34/ 17	.4	1.7	.5															25		25	35	42
36/ 15		1.9																18		18	21	79
37/ 13	.1	1.5	.1															16		16	26	49
39/ 11	.1	1.3																13		13	15	29
41/ 9	.1	1.2																12		12	13	34
43/ 7		.9																8		8	11	20
45/ 5		.3																3		3	4	29
46/ 3	.2	.3																5		5	5	19
48/ 1		1.3																12		12	6	4
50/ -1	.3	.3																6		6	13	9
52/ -3		.2																2		2	4	6

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					1
-6/ -7																					4
-8/ -9																					2
-10/-11																					8
-12/-13																					4
-14/-15																					2
-16/-17																					6
TOTAL	4.0	45.2	29.4	12.5	5.2	2.6	.6	.2	.2	.2								930	930	930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4565725	63677	68.5	14.883	930							
Dry Bulb	1022889	28821	31.0	11.817	930	.8	50.7					93
Wet Bulb	824253	25889	27.8	10.558	930	1.7	63.6					93
Dew Point	550989	19725	21.2	11.948	930	4.4	81.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68 / 67							.1				.1							2	2		
66 / 65				.5	.1	.3			.1	.2								12	12		
64 / 63			.1	.3					.2	.1								7	7		
62 / 61			.1	.1				.4	.1	.4								11	11		
60 / 59					.1			.5	.2	.1								9	9	6	
58 / 57		.3	.2		.2	.3	.3	1.2	.1									25	25	5	2
56 / 55			.4	.2	.3	.2	.6	.5	.1									23	23	7	7
54 / 53		.1		.1	.9	1.0	.9	.6										33	33	2	7
52 / 51			.1	.2	.9	.9	1.0	.1										29	29	6	1
50 / 49		.2	.8	.2	.3	1.3	.6	.1										33	33	6	4
48 / 47		.2	.5	.6	1.3	1.1	.3	.1										39	39	25	6
46 / 45		.4	.4	.5	.5	.5	.2											25	25	34	5
44 / 43		1.1	.4	1.7	1.2	.5	.4											50	50	51	12
42 / 41		.4	.8	1.5	1.2	.3	.1											40	40	50	12
40 / 39	.4	1.5	1.5	1.4	1.2	.4												60	60	57	17
38 / 37		.4	1.2	1.9	1.5	.1												48	48	54	25
36 / 35		1.3	2.3	2.4	.8													62	62	51	23
34 / 33		2.7	1.7	2.2	.2													63	63	67	29
32 / 31		2.8	2.7	1.8	.3													71	71	86	58
30 / 29	.1	1.4	2.9	1.0	.1													51	51	75	65
28 / 27		1.7	1.9	1.2	.1													46	46	75	64
26 / 25		1.1	1.7	.5														31	31	57	79
24 / 23		1.7	2.2	.1														37	37	74	63
22 / 21	.1	2.4	1.6	.4														42	42	45	68
20 / 19	.1	1.8	.6															24	24	48	59
18 / 17		1.2	.3															14	14	33	54
16 / 15		.4	.3															7	7	14	50
14 / 13		.1	.3															4	4	7	36
12 / 11		.6	.1															7	7	5	49
10 / 9		.6	.1															7	7	7	33
8 / 7		.5	.2															7	7	9	27
6 / 5		.3																3	3	5	12
4 / 3		.4																4	4	5	6
2 / 1		.4																4	4	4	8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC 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				
0 / -1																				3	7
-2 / -3																					9
-4 / -5																					5
-6 / -7																					3
-8 / -9																					6
-10 / -11																					2
-12 / -13																					4
-14 / -15																					2
-16 / -17																					
TOTAL	.8	26.3	25.6	19.0	11.2	7.0	4.6	3.7	.9	.9	.1							930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3549846	55008	59.1	17.856	930							
Dry Bulb	1408204	34172	36.7	12.816	930		35.9	.2				93
Wet Bulb	1033299	29397	31.6	10.584	930	.3	50.7					93
Dew Point	805029	20957	22.5	11.955	930	4.0	78.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1520 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
? / 69							.1	.1												2	2		
6< / 67							.2					.1								3	3		
66 / 65			.1		.2	.1			.1	.2	.1									8	8		
64 / 63				.2					.1	.1										4	4		
62 / 61		.2	.1	.1		.1	.1	.3	.4	.1										14	14	1	
6< / 59		.1	.4	.1	.1	.2		.5	.5											19	19	5	
5< / 57		.1		.1	.1	.4	.1	1.1	.5											23	23	8	4
5< / 55		.2		.2	.8	.4	.5	.6	.3											29	29	8	4
54 / 53		.3		.3	.4	1.5	.1	.6												31	31	3	6
52 / 51		.2	.1	.2	.3	.9	1.4	.2												31	31	5	7
5< / 49		.1	.4	.5	1.0	.3	.4	.1												27	27	15	1
4< / 47		.2	.3	1.0	1.4	.6	.2	.1												36	36	21	7
4< / 45		.4	.3	.6	1.0	.3	.4													29	29	35	7
44 / 43		.6	1.0	1.1	1.9	.3	.3													49	49	47	8
42 / 41		.5	1.1	1.6	1.5	.6	.1													51	51	53	7
4< / 39	.4	1.2	1.3	2.2	1.0	.3														59	59	62	30
3< / 37	.2	.9	1.0	1.6	1.3	.2														48	48	54	18
3< / 35		1.8	2.3	2.7	.8															70	70	57	27
34 / 33		1.6	2.6	1.2	.2															52	52	75	47
32 / 31		2.4	3.9	1.6	.3															76	76	80	45
3< / 29		1.4	2.4	1.3	.4															51	51	79	63
2< / 27		2.4	1.8	1.4																52	52	70	77
2< / 25		1.4	1.9	.5																36	36	46	60
24 / 23		1.5	2.2	.3																37	37	45	69
22 / 21		1.5	1.2	.2																27	27	50	76
2< / 19		1.0	.6	.1																16	16	33	60
1< / 17		.6	.1																	7	7	25	49
1< / 15		.5	.5																	10	10	11	46
14 / 13		.4	.3																	7	7	7	48
1< / 11		.2	.1																	3	3	7	43
1< / 9		.4	.4																	8	8	5	36
< / 7		.6	.1																	7	7	9	14
6 / 5		.5																		5	5	6	16
4 / 3		.2																		2	2	5	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
3 / 1		.1																1	1	2	6
1 / -1																				1	10
-2 / -3																					5
-4 / -5																					5
-6 / -7																					6
-8 / -9																					3
-10 / -11																					4
-12 / -13																					2
-14 / -15																					4
TOTAL	.6	23.9	26.6	19.2	12.7	6.5	4.1	3.8	2.0	.4	.1	.1							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3466971	54283	58.4	17.926	930							
Dry Bulb	1454524	34862	37.5	12.608	930		34.5	.5				93
Wet Bulb	1063993	29927	32.2	10.425	930	.1	48.1					93
Dew Point	621124	21280	22.9	12.019	930	4.2	75.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

PAGE 1 1800-2000 HRS 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
≥ 61			.2	.1	.3													6	6		
60 / 59		.3		.2														5	5	1	1
58 / 57		.3	.2	.1		.1	.1											8	8	5	2
56 / 55			.3	.1	.3	.1		.1										9	9	6	2
54 / 53		.3	.1		.2		.3											9	9	6	6
52 / 51		.1	.3	.5	.1	.2	.3	.1										16	16	6	1
50 / 49		.1	.4	.2	.3	1.1	.3	.1										24	24	3	7
48 / 47		.2	.1	.1	.8	.6	.4											21	21	9	5
46 / 45		.1	1.0	.3	1.7	.5	.3											37	37	13	5
44 / 43		.8	.4	2.4	.5	.4												42	42	7	5
42 / 41		.5	1.2	1.2	1.0	.2												38	38	21	9
40 / 39	.5	1.3	2.0	1.3	.6	.1												55	55	49	21
38 / 37	.2	2.3	1.2	1.1	.4													48	48	69	16
36 / 35	.1	3.8	3.8	1.5	.6													91	91	71	23
34 / 33		2.0	4.9	1.8	.4													85	85	66	33
32 / 31	.1	3.3	3.0	1.1														70	70	86	59
30 / 29	.1	2.6	3.0	.6	.3													62	62	94	63
28 / 27	.3	2.2	2.9	.2														52	52	72	64
26 / 25	.1	2.6	1.7	.5														46	46	66	86
24 / 23	.2	2.9	1.9															47	47	59	73
22 / 21	.2	1.9	2.0															39	39	45	63
20 / 19		2.9	.3															30	30	43	66
18 / 17		1.1	.5															15	15	34	38
16 / 15		2.0	.3															22	22	14	57
14 / 13		1.0																9	9	25	55
12 / 11	.1	.4																5	5	8	36
10 / 9		.9																8	8	4	31
8 / 7		.8																7	7	8	24
6 / 5		1.2																11	11	6	15
4 / 3		.3																3	3	12	11
2 / 1		.3																3	3	3	11
0 / -1	.2	.2																4	4	4	7
-2 / -3																				2	5
-4 / -5																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC 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	Wet Bulb	Dew Point
- / -7																					3
- / -9																					7
-1./-11																					1
-1./-13																					3
TOTAL	2.3	38.8	32.0	13.5	7.8	3.5	1.8	.3										927			927
																		927		927	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4292013	61487	66.3	15.189	927							
Dry Bulb	1116156	30412	32.8	11.309	927	.4	43.4					93
Wet Bulb	885279	27081	29.2	10.083	927	.6	58.7					93
Dew Point	579460	20512	22.1	11.646	927	3.8	79.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1352 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] / 61			.5	.1														6	6		
/ 59		.5	.2	.2														9	9	1	
[illegible] / 57		.2	.1	.1	.1													5	5	9	[illegible]
5[illegible] / 55		.2	.2	.2														6	6	5	4
[illegible]4 / 53		.1				.1												2	2	7	6
[illegible]2 / 51				.3		.3												6	6	3	7
5[illegible] / 49			.5	.2	.1													8	8	[illegible]	1
4[illegible] / 47		.1	.2	.1		.1	.2											7	7	1	4
4[illegible] / 45	.1	.9	.4	.8	.8	.4	.1											32	32	11	[illegible]
[illegible]4 / 43		1.4	.3	1.0	1.1													35	35	17	9
42 / 41		.5	.6	1.3	1.4	.2												38	38	16	13
[illegible] / 39	.2	1.6	1.3	1.0	.8	.2												47	47	23	18
3[illegible] / 37	.5	2.3	2.0	1.5	.4													63	63	49	18
[illegible] / 35	.2	3.0	3.0	1.1	.2													70	70	68	13
3[illegible] / 33		2.4	2.9	1.0														58	58	64	35
[illegible] / 31	.3	4.1	4.7	1.2	.4													100	100	86	33
[illegible] / 29	.3	3.1	2.4	.8														61	61	90	62
[illegible] / 27	.2	4.1	2.4															62	62	79	64
[illegible] / 25	.1	3.9	3.1	.2														68	68	73	87
24 / 23	.3	2.5	1.0															35	35	64	72
[illegible]2 / 21	.8	2.9	1.2															45	45	52	64
[illegible] / 19	.5	3.1	.3															37	37	42	66
1[illegible] / 17	.4	2.8	.3															33	33	51	53
1[illegible] / 15		1.5	.1															15	15	19	49
14 / 13		2.2	.1															21	21	16	76
1[illegible] / 11		1.0	.1															10	10	20	31
1[illegible] / 9	.2	.8																9	9	12	31
[illegible] / 7		.3																3	3	4	23
[illegible] / 5		1.0																9	9	9	13
4 / 3		1.6																15	15	10	21
[illegible] / 1		.3																3	3	11	7
[illegible] / -1	.2																	2	2	2	5
-[illegible] / -3	.5	.2																7	7	6	1
-[illegible] / -5																				1	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-5 / -7																					7
-3 / -9																					3
-1 / -11																					11
-1 / -13																					2
-1 / -15																					3
TOTAL	5.1	48.7	28.3	11.0	5.3	1.4	.3											927	927	927	927

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4774142	65290	70.4	13.773	927							
Dry Bulb	979651	28209	30.4	11.442	927	.9	53.7					
Wet Bulb	807906	25574	27.6	10.514	927	.9	65.1					
Dew Point	560374	19920	21.5	11.954	927	4.2	79.7					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

1 62 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 YEARS | DEC MONTH

PAGE 1 | 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	Dew P
7 / 69							.0	.0										2	2		
6 / 67							.0				.0	.0						5	5		
6 / 65			.0	.1	.0	.1			.0	.1	.0							20	20		
4 / 63			.0	.2	.0	.0			.0	.0								24	24		
4 / 61		.1	.2	.1	.1	.0	.0	.1	.1	.1								52	52	1	
3 / 59		.3	.2	.1	.0	.0		.1	.1	.0								65	65	22	
3 / 57		.3	.2	.1	.1	.1	.1	.3	.1									87	87	58	
5 / 55		.1	.2	.1	.2	.1	.2	.2	.1									83	83	45	
4 / 53		.2	.2	.1	.2	.3	.2	.2										95	95	34	
2 / 51		.1	.2	.2	.2	.3	.4	.1										106	106	34	
5 / 49		.1	.3	.2	.3	.4	.2	.0										114	114	44	
4 / 47	.0	.3	.3	.4	.6	.4	.2	.0										161	161	82	
4 / 45	.0	.4	.5	.4	.7	.3	.1											187	187	111	
4 / 43		.7	.5	1.0	.8	.2	.1											250	250	168	
2 / 41	.0	.8	.7	1.1	.9	.2	.0											288	288	224	
4 / 39	.3	1.2	1.4	1.2	.6	.1												361	361	237	1
3 / 37	.2	1.6	1.5	1.5	.6	.0												402	402	350	1
3 / 35	.2	2.7	2.8	1.7	.4													577	577	424	1
34 / 33	.1	2.7	3.0	1.3	.1													538	538	534	2
2 / 31	.1	3.2	3.5	1.2	.1													603	603	656	3
3 / 29	.2	3.4	3.0	.6	.1													545	545	664	4
2 / 27	.3	3.4	2.3	.4	.0													479	479	640	5
2 / 25	.2	3.6	1.9	.2														438	438	561	5
2 / 23	.2	3.1	1.6	.1														368	368	484	5
2 / 21	.6	3.3	1.3	.1														400	400	443	5
2 / 19	.3	2.6	.6	.0														263	263	378	5
1 / 17	.2	2.1	.3															191	191	296	3
1 / 15	.0	1.9	.2															157	157	186	5
1 / 13	.0	1.4	.1															116	116	175	4
1 / 11	.1	.9	.0															74	74	96	3
1 / 9	.2	1.0	.1															97	97	93	2
/ 7	.1	.8	.0															69	69	89	1
/ 5	.1	.7																62	62	64	1
/ 3	.1	.6																46	46	60	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
USAFETAC
AI... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1...2 | FORBES FLD KS | 63-70,73-74 | 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.	Dry Bulb	Wet Bulb	Dew Point
/ 1	.1	.6																46	46	46	76
/ -1	.2	.2																32	32	42	65
- / -3	.1	.2																19	19	29	52
- / -5	.	.1																11	11	8	49
- / -7																				6	3...
- / -9																					...8
- /-11																					43
-1. /-13																					3...
-1.4/-15																					15
-. /-17																					...7
-. /-19																					7
- /-21																					1
TAL	.1	44.6	27.3	12.4	5.9	2.7	1.5	1.0	.4	.2	.0	.0						7433			7433
																		7433		7433	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36043813	504085	67.8	15.812	7433							
Dry Bulb	8548943	234939	31.6	12.293	7433	6.2	402.0	.7				744
Wet Bulb	6791062	209934	28.2	10.768	7433	8.5	502.0					744
Dew Point	4473339	159167	21.4	11.966	7433	34.0	637.4					744

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITION ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12 STATION | FORBES FLD KS STATION NAME | 63-70,73-75 YEARS | ALL MONTH

 | ALL HOURS (GMT)

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 /107																.0		2	2		
1 /105													.0	.0	.0	.0	.0	14	14		
1 4/103												.0	.0	.0	.0	.0	.0	29	29		
1 2/101											.0	.0	.0	.0	.0	.0	.0	52	52		
1 0/ 99										.0	.0	.0	.0	.0	.0	.0	.0	116	116		
9 / 97									.0	.0	.0	.0	.0	.0	.0	.0		157	157		
6/ 95								.0	.0	.1	.1	.0	.0	.0	.0		.0	250	250		
4/ 93							.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	426	426		
2/ 91						.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0		574	574		
9 / 89					.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0		780	780		
8/ 87				.0	.0	.1	.2	.3	.1	.1	.1	.0	.0	.0	.0			938	938		
6/ 85			.0	.0	.1	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0			1341	1342		
4/ 83			.0	.1	.2	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0			1571	1571	1	
2/ 81		.0	.0	.2	.4	.4	.4	.3	.2	.1	.1	.0	.0	.0	.0			1859	1859	92	
0 / 79		.0	.2	.4	.5	.5	.3	.3	.2	.1	.1	.0	.0	.0				2320	2320	422	31
7 / 7	.0	.1	.3	.5	.5	.5	.4	.2	.2	.1	.1	.0	.0	.0				2531	2531	889	149
5 75	.0	.2	.6	.6	.6	.4	.3	.3	.2	.1	.1	.0	.0					2772	2772	1837	459
4/ 73	.0	.4	.7	.8	.4	.4	.3	.2	.1	.1	.1	.0	.0					3045	3045	2962	1049
2/ 71	.1	.6	.8	.7	.5	.3	.3	.2	.1	.1	.0	.0	.0					3268	3269	3210	2057
0/ 69	.1	.6	1.0	.6	.5	.3	.2	.1	.1	.1	.0	.0						3403	3404	3583	3006
8/ 67	.1	.7	1.2	.5	.5	.3	.3	.2	.1	.1	.0	.0						3437	3438	3849	3233
6/ 65	.1	.7	.9	.6	.4	.2	.2	.2	.1	.1	.0							3104	3104	3844	3334
4/ 63	.1	.9	.7	.6	.3	.3	.2	.2	.1	.0	.0							3108	3108	3900	3267
2/ 61	.0	.8	.7	.5	.4	.3	.3	.2	.1	.1	.0							2887	2887	3519	3610
0/ 59	.0	.8	.7	.4	.3	.3	.2	.2	.1	.0								2729	2729	3412	3385
5 / 57	.1	.8	.7	.4	.4	.3	.2	.2	.1	.0								2713	2713	3046	3363
56/ 55	.1	.7	.5	.4	.4	.3	.3	.1	.0	.0								2560	2580	3005	3211
4/ 53	.0	.7	.5	.5	.4	.3	.3	.1	.0									2521	2521	2806	2949
2/ 51	.0	.5	.6	.4	.5	.4	.2	.0	.0									2330	2330	2511	2698
50/ 49	.0	.5	.6	.5	.4	.4	.1	.0										2312	2312	2602	2342
48/ 47	.0	.5	.5	.6	.5	.3	.1	.0										2185	2185	2656	2130
46/ 45	.0	.6	.6	.6	.4	.2	.1	.0										2186	2186	2563	2173
44/ 43	.0	.6	.7	.6	.4	.2	.0	.0										2286	2286	2650	2151
42/ 41	.0	.6	.7	.8	.4	.1	.0											2325	2325	2711	2023

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]2 | FORBES FLD KS | 63-70,73-75 | ALL
STATION | STATION NAME | YEARS | MONTH

 | ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 39	.1	.6	.9	.6	.3	.1	.0											2340	2340	2729	2432
3[illegible] / 37	.1	.7	.8	.7	.2	.0	.0											2303	2303	2723	2409
[illegible] / 35	.1	.9	1.1	.6	.2	.0												2582	2582	2796	2509
34 / 33	.1	1.0	1.2	.5	.1	.0												2549	2549	2882	2586
[illegible]2 / 31	.1	1.0	1.2	.4	.1	.0												2451	2452	2978	2692
[illegible] / 29	.1	1.1	.9	.3	.1	.0												2138	2138	2916	3141
[illegible] / 27	.1	1.2	.6	.2	.0													1831	1831	2519	3051
[illegible] / 25	.1	1.0	.6	.1	.0													1578	1578	2240	2948
24 / 23	.1	.8	.4	.1	.0													1197	1197	1720	2592
[illegible]2 / 21	.2	.8	.4	.1														1206	1206	1464	2606
[illegible] / 19	.1	.8	.2	.0														1017	1017	1239	2314
1[illegible] / 17	.1	.6	.2	.0														822	822	1113	1799
1[illegible] / 15	.0	.6	.1	.0														681	681	840	1717
14 / 13	.0	.5	.1															562	562	760	1355
1[illegible] / 11	.0	.5	.0															481	481	552	1186
1[illegible] / 9	.1	.4	.0															414	414	491	1101
[illegible] / 7	.0	.3	.0															332	332	403	903
[illegible] / 5	.0	.3																263	263	324	763
[illegible] / 3	.0	.2																202	202	246	633
[illegible] / 1	.0	.1																148	149	192	491
[illegible] / -1	.1	.1																115	115	125	362
-[illegible] / -3	.1	.1																111	111	123	276
-4 / -5	.0	.0																48	48	63	245
-[illegible] / -7	.0	.0																39	39	49	233
-[illegible] / -9	.0																	20	20	24	145
-1[illegible] / -11	.0																	2	2	2	122
-12 / -13	.0																	5	5	5	94
-14 / -15																					63
-16 / -17																					85
-18 / -19																					29
-[illegible] / -21																					16
-22 / -23																					8
-24 / -25																					9
-26 / -27																					2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-75 YEARS | ALL MONTH

 | ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	2.6	25.1	22.0	15.1	10.4	7.8	5.8	4.3	2.8	1.8	1.1	.6	.3	.2	.1	.0	.0	87588	87594	87586

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	414843923	5816495	66.4	18.066	87588							
Dry Bulb	294156962	4733802	54.0	2 .919	87594	34.0	1564.6	2890.9	1879.0	934.4	104.6	8760
Wet Bulb	231961623	4211001	48.1	18.355	87588	39.1	2036.6	1685.8	620.7	28.2		8760
Dew Point	189605304	3676436	42.0	20.073	87588	172.7	3098.1	999.2	168.9	.7		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13920 FORBES FLD KS 63-70,73-75

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	24.3	29.0	37.0	50.3	59.2	66.8	73.0	69.9	62.1	52.7	40.5	29.3	49.6
0-02	S D	13.569	10.263	11.967	9.713	8.186	6.626	5.764	6.252	7.722	9.729	10.149	11.361	19.001
	TOTAL OBS	930	845	929	900	930	900	930	929	897	929	900	930	10949
	MEAN	23.1	27.3	35.0	48.1	57.1	64.8	70.5	67.6	60.2	50.6	38.9	28.0	47.7
03-05	S D	13.619	10.265	11.835	9.826	8.310	6.590	5.837	6.187	7.934	9.780	10.318	11.262	18.742
	TOTAL OBS	930	846	930	900	930	900	930	929	897	929	900	930	10951
	MEAN	22.2	26.0	34.6	48.8	59.0	67.0	72.7	68.8	60.4	50.4	38.3	27.1	48.0
06-08	S D	13.398	10.137	12.031	10.040	8.545	6.626	5.897	6.366	8.003	9.883	10.425	11.372	19.730
	TOTAL OBS	930	846	930	900	930	900	930	930	896	930	899	929	10950
	MEAN	25.9	31.2	42.0	56.6	66.8	74.2	81.5	77.6	68.6	59.3	44.5	31.0	55.0
09-11	S D	13.549	10.821	13.703	10.677	9.360	7.392	6.920	7.541	8.235	10.167	10.597	11.817	21.358
	TOTAL OBS	930	846	930	900	929	900	930	930	899	930	900	930	10954
	MEAN	32.1	37.7	48.8	62.4	71.8	79.0	87.0	83.2	74.2	65.9	50.9	36.7	60.9
12-14	S D	14.674	11.800	14.927	11.316	10.021	8.087	7.429	8.424	9.159	11.019	11.560	12.816	21.476
	TOTAL OBS	930	845	929	900	929	900	930	928	900	930	900	930	10951
	MEAN	33.6	39.7	50.6	63.6	72.9	80.4	88.2	84.3	75.0	66.6	51.0	37.5	62.1
15-17	S D	14.761	11.998	14.975	11.061	9.882	7.954	7.395	8.531	9.036	11.164	11.628	12.608	21.400
	TOTAL OBS	930	846	930	900	930	900	930	929	895	930	899	930	10949
	MEAN	28.8	34.6	45.5	59.1	68.2	76.0	83.1	78.5	69.2	59.6	45.1	32.8	56.9
18-20	S D	13.398	10.514	13.617	10.279	8.827	7.474	6.942	7.531	8.146	9.750	10.270	11.309	20.740
	TOTAL OBS	930	845	930	897	929	899	930	929	898	930	900	927	10944
	MEAN	26.4	31.2	40.3	53.5	62.4	70.2	76.2	72.5	64.3	55.2	42.1	30.4	52.2
21-23	S D	13.295	10.020	12.405	9.689	7.887	6.602	5.819	6.416	7.595	9.528	10.140	11.442	19.349
	TOTAL OBS	930	846	930	897	930	900	930	928	898	930	900	927	10946
	MEAN	27.0	32.1	41.7	55.3	64.7	72.3	79.0	75.3	66.8	57.5	43.9	31.6	54.0
ALL HOURS	S D	14.321	11.677	14.422	11.792	10.571	9.081	9.143	9.439	9.920	11.783	11.612	12.293	20.919
	TOTAL OBS	7440	6765	7438	7194	7437	7199	7440	7432	7180	7438	7198	7433	87594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13923 FORBES FLD KS 63-70,73-75

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	22.4	26.2	33.3	45.6	54.8	62.9	67.7	65.4	58.5	48.1	37.1	26.8	45.8
	S.D	12.660	9.321	10.843	9.156	8.141	6.187	4.959	5.521	7.831	9.456	9.641	10.569	18.029
	TOTAL OBS	930	845	929	900	930	900	930	929	897	929	900	930	10949
03-05	MEAN	21.4	24.9	32.1	44.2	53.5	61.6	66.4	64.2	57.3	46.8	36.0	25.7	44.6
	S.D	13.605	9.380	11.009	9.415	8.303	6.344	5.111	5.641	8.105	9.656	9.858	10.554	18.049
	TOTAL OBS	930	846	930	900	930	900	930	929	897	929	900	930	10951
06-08	MEAN	20.6	23.9	31.8	45.0	54.8	63.1	67.6	65.1	57.5	46.7	35.6	25.0	44.8
	S.D	12.774	9.436	11.152	9.551	8.341	6.130	4.855	5.607	7.998	9.673	10.042	10.654	18.716
	TOTAL OBS	930	846	930	900	930	900	930	930	895	930	899	929	10949
09-11	MEAN	23.4	27.7	36.6	49.4	58.9	66.6	71.2	69.0	61.8	51.8	39.7	27.8	48.8
	S.D.	12.574	9.471	11.662	9.264	8.258	6.028	4.698	5.540	7.369	8.935	9.752	10.558	18.791
	TOTAL OBS	931	845	930	900	929	900	929	930	899	930	900	930	10952
12-14	MEAN	27.8	31.8	40.3	52.2	60.9	68.5	72.6	70.6	63.9	54.8	43.1	31.6	51.5
	S.D	12.622	9.401	11.504	8.943	8.115	6.154	4.696	5.739	7.496	8.866	9.639	10.584	17.924
	TOTAL OBS	930	845	929	900	929	900	930	928	900	930	900	930	10951
15-17	MEAN	28.8	33.0	41.2	52.7	61.1	68.8	72.7	70.7	64.1	54.8	43.0	32.2	52.0
	S.D	12.540	9.309	11.220	8.531	7.796	6.000	4.632	5.655	7.402	8.912	9.596	10.425	17.612
	TOTAL OBS	930	846	930	900	930	900	930	929	895	930	899	930	10949
18-20	MEAN	25.8	29.9	38.5	50.5	59.2	67.4	71.7	69.1	62.0	51.7	39.8	29.2	49.7
	S.D	12.195	8.951	10.917	8.600	7.644	6.021	4.793	5.595	7.506	8.884	9.444	10.083	18.077
	TOTAL OBS	929	845	930	897	929	898	930	929	898	930	900	927	10942
21-23	MEAN	24.0	27.7	35.6	47.5	56.6	65.0	69.3	66.8	59.7	49.4	38.1	27.6	47.4
	S.D	12.411	9.007	10.636	8.882	7.671	5.995	4.883	5.580	7.646	9.223	9.635	10.514	17.996
	TOTAL OBS	930	846	930	897	930	900	929	928	898	930	900	927	10945
ALL HOURS	MEAN	24.3	28.1	36.2	48.4	57.5	65.5	69.9	67.6	60.6	50.5	39.1	28.2	48.1
	S.D	12.917	9.757	11.645	9.559	8.488	6.625	5.352	6.103	8.084	9.703	10.071	10.768	18.355
	TOTAL OBS	7439	6764	7438	7194	7437	7198	7438	7432	7179	7438	7198	7433	87588

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13720 FORBES FLD KS 63-70,73-75

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	16.9	19.8	27.0	40.2	51.0	60.4	64.7	62.8	55.8	43.2	31.9	21.1	41.3
0-02	S D	14.598	10.723	12.390	10.908	9.675	6.899	5.898	6.289	8.951	11.202	11.283	11.991	19.868
	TOTAL OBS	930	845	929	900	930	900	930	929	897	929	900	930	10949
	MEAN	16.2	19.1	26.7	39.7	50.4	59.5	64.1	62.2	55.1	42.5	31.5	20.3	40.7
03-05	S D	14.809	10.594	12.451	10.858	9.694	6.927	5.740	6.216	9.007	11.145	11.331	11.951	19.843
	TOTAL OBS	930	846	930	900	930	900	930	929	897	929	900	930	10951
	MEAN	15.6	18.4	26.6	40.7	51.3	60.7	64.8	62.8	55.2	42.7	31.3	19.7	40.9
06-08	S D	14.602	10.698	12.502	10.860	9.734	6.697	5.523	6.167	8.803	11.015	11.519	11.957	20.292
	TOTAL OBS	930	846	930	900	930	900	930	930	895	930	899	929	10949
	MEAN	17.2	20.1	28.5	42.1	52.9	62.2	66.0	64.4	57.1	44.7	33.2	21.2	42.6
09-11	S D	14.459	11.263	13.231	11.448	10.415	7.141	6.106	6.804	8.990	11.212	11.826	11.948	20.407
	TOTAL OBS	930	845	930	900	929	900	929	930	899	930	900	930	10952
	MEAN	18.9	21.1	28.8	42.5	52.8	62.6	65.5	64.0	57.1	44.7	33.3	22.5	42.9
12-14	S D	14.169	11.502	13.136	11.723	10.728	7.756	6.744	7.601	9.713	12.081	12.066	11.955	20.109
	TOTAL OBS	930	845	929	900	929	900	930	928	900	930	900	930	10951
	MEAN	19.3	21.0	28.8	42.2	52.4	62.4	65.0	63.5	56.9	44.2	32.9	22.9	42.7
15-17	S D	14.131	11.787	13.030	11.605	10.600	7.782	7.024	7.655	9.723	12.265	12.109	12.019	19.950
	TOTAL OBS	930	846	930	900	930	900	930	929	895	930	899	930	10949
	MEAN	18.8	20.7	28.5	41.8	52.2	62.4	65.8	64.1	56.9	43.9	32.5	22.1	42.6
18-20	S D	14.028	11.255	12.663	11.318	10.197	7.495	6.670	7.095	9.267	11.668	11.798	11.646	20.052
	TOTAL OBS	929	845	930	897	929	898	930	929	898	930	900	927	10942
	MEAN	18.0	20.4	28.1	41.1	51.9	61.8	65.6	63.5	56.2	43.5	32.2	21.5	42.1
21-23	S D	14.079	10.898	12.402	11.042	9.577	6.911	6.093	6.583	9.003	11.325	11.647	11.954	19.926
	TOTAL OBS	930	846	930	897	930	900	929	928	898	930	900	927	10945
	MEAN	17.6	20.1	27.9	41.3	51.9	61.5	65.2	63.4	56.3	43.7	32.4	21.4	42.0
ALL HOURS	S D	14.409	11.126	12.754	11.260	10.117	7.289	6.271	6.858	9.217	11.519	11.717	11.966	20.073
	TOTAL OBS	7439	6764	7438	7194	7437	7198	7438	7432	7179	7438	7198	7433	87588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13923 FORBES FLD KS — STATION / STATION NAME

63-70,74-75 — PERIOD

JAN — 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	96.2	84.2	62.0	30.4	9.6	73.7	930
	03-05	100.0	100.0	100.0	99.9	97.5	86.0	68.2	36.8	11.6	75.4	930
	06-08	100.0	100.0	100.0	99.9	97.5	88.6	68.8	36.9	11.9	76.0	930
	09-11	100.0	100.0	100.0	98.8	91.1	73.7	50.6	26.1	8.5	70.4	930
	12-14	100.0	99.9	96.8	87.6	68.3	48.0	29.1	14.9	4.6	60.4	930
	15-17	100.0	99.5	94.4	83.7	64.5	44.1	25.9	12.3	3.2	58.4	930
	18-20	100.0	100.0	99.5	95.3	86.0	66.1	41.3	19.9	7.0	67.2	929
	21-23	100.0	100.0	100.0	98.1	93.2	79.9	54.1	26.5	8.5	71.4	930
TOTALS		100.0	99.9	98.8	95.4	86.8	71.3	50.0	25.5	8.1	69.1	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 FORBES FLD KS — 63-70,74-75 — FEB

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%		
FEB	00-02	100.0	100.0	99.9	97.5	92.1	72.5	47.2	23.3	6.7	69.4	845
	03-05	100.0	100.0	100.0	98.7	93.9	81.8	53.8	27.9	6.6	71.9	846
	06-08	100.0	100.0	100.0	98.9	95.7	84.9	61.0	32.2	8.5	73.7	846
	09-11	100.0	99.9	98.7	91.7	80.2	63.1	38.3	20.7	7.0	65.3	845
	12-14	100.0	98.5	89.9	72.2	53.0	36.3	21.5	13.3	2.6	54.4	845
	15-17	100.0	97.0	83.2	65.0	43.6	30.1	18.9	10.3	1.9	50.7	846
	18-20	100.0	99.8	95.5	83.8	66.6	44.6	25.6	14.0	3.2	59.1	845
	21-23	100.0	100.0	99.5	95.4	83.3	64.5	36.2	18.7	4.7	65.8	846
TOTALS		100.0	99.4	95.8	87.9	76.1	59.7	37.8	20.1	5.2	63.8	6764

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 FORBES FLD KS — 63-70,74-75 — 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	00-02	100.0	100.0	99.6	95.9	86.8	70.1	47.3	24.4	6.7	68.7	929
	03-05	100.0	100.0	99.8	98.4	92.7	81.0	57.8	32.5	9.4	72.6	930
	06-08	100.0	100.0	100.0	98.5	93.0	82.8	61.6	35.7	10.0	73.7	930
	09-11	100.0	99.9	97.2	86.8	71.5	49.5	29.2	14.3	5.2	60.9	930
	12-14	100.0	96.2	85.3	65.3	43.3	24.9	14.5	6.9	2.5	49.4	929
	15-17	100.0	94.0	78.5	58.5	37.4	21.8	12.8	6.7	2.8	46.8	930
	18-20	100.0	97.7	89.1	75.4	58.3	37.5	20.8	10.1	3.3	54.8	930
	21-23	100.0	99.6	97.8	91.1	76.7	59.0	35.9	16.6	5.7	63.8	930
TOTALS		100.0	98.4	93.4	83.7	70.0	53.3	35.0	18.4	5.7	61.3	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 FORBES FLD KS | 63-70,74-75 | 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	99.8	99.6	96.6	88.2	70.8	48.3	23.0	10.0	69.6	900
	03-05	100.0	100.0	99.6	98.8	94.6	82.4	58.6	35.7	12.9	73.9	900
	06-08	100.0	100.0	99.9	98.9	95.0	82.7	60.6	38.8	15.6	74.6	900
	09-11	100.0	99.3	96.2	85.8	69.4	46.6	32.0	18.4	6.9	61.1	900
	12-14	100.0	97.1	86.0	66.1	47.0	31.6	20.4	10.8	3.9	51.9	900
	15-17	100.0	95.6	82.2	60.8	41.3	29.6	19.0	10.1	3.7	49.6	900
	18-20	100.0	99.4	90.0	74.4	55.5	38.9	25.9	14.7	3.9	56.0	897
	21-23	100.0	99.7	98.1	92.1	78.8	58.4	37.6	22.5	7.1	65.0	897
TOTALS		100.0	98.9	94.0	84.2	71.2	55.1	37.8	22.4	8.0	62.7	7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13925 FORBES FLD KS — STATION / STATION NAME
63-70,73-74 — PERIOD
MAY — 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%		
MAY	00-02	100.0	100.0	100.0	99.5	95.9	84.6	63.3	33.3	12.6	75.1	930
	03-05	100.0	100.0	100.0	99.2	97.6	90.1	75.8	48.0	20.5	79.0	930
	06-08	100.0	100.0	100.0	99.5	96.5	86.5	68.6	42.6	16.6	76.7	930
	09-11	100.0	100.0	98.4	90.9	73.7	55.4	34.6	16.5	5.8	63.2	929
	12-14	100.0	99.6	91.3	73.2	52.0	33.0	19.5	9.6	4.0	54.1	929
	15-17	100.0	99.6	87.7	69.2	47.3	27.5	14.6	7.5	4.3	51.5	930
	18-20	100.0	99.9	95.8	84.5	66.0	43.2	26.5	13.6	5.5	59.2	929
	21-23	100.0	100.0	100.0	97.5	88.3	71.4	46.0	21.1	8.8	69.7	930
TOTALS		100.0	99.9	96.7	89.2	77.2	61.5	43.7	25.4	9.8	66.1	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 FORBES FLD KS — 63-70,73-74 — JUN
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%		
JUN	00-02	100.0	100.0	100.0	100.0	99.2	95.8	83.0	51.9	15.9	80.2	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.7	88.3	63.4	21.3	83.2	900
	06-08	100.0	100.0	100.0	100.0	99.9	96.1	82.1	54.0	15.6	80.6	900
	09-11	100.0	100.0	100.0	97.0	88.0	67.8	43.0	19.6	5.9	67.6	900
	12-14	100.0	100.0	98.3	89.4	68.9	43.4	22.0	10.2	3.6	59.1	900
	15-17	100.0	99.9	97.4	84.8	60.3	37.7	16.6	6.6	2.3	56.2	900
	18-20	100.0	100.0	99.3	94.7	82.9	58.1	32.9	15.4	4.9	64.2	899
	21-23	100.0	100.0	100.0	99.4	97.6	88.9	64.8	35.9	8.6	75.2	900
TOTALS		100.0	100.0	99.4	95.7	87.1	73.3	54.1	32.1	9.8	76.8	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1792 FORBES FLD KS 63-70,73-74 JUL
STATION STATION NAME PERIOD MONTH

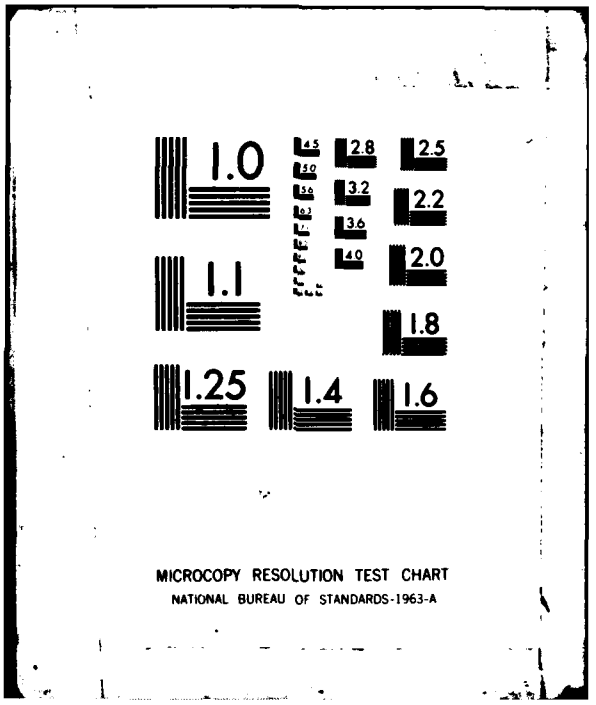
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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		
JUL	00-02	100.0	100.0	100.0	99.6	95.7	85.9	71.6	43.4	8.6	76.1	93
	03-05	100.0	100.0	100.0	99.6	98.2	93.5	81.3	60.6	15.9	80.5	93
	06-08	100.0	100.0	100.0	99.8	97.3	88.6	72.3	46.5	10.9	77.2	93
	09-11	100.0	100.0	99.8	91.9	74.7	50.5	25.3	11.2	2.2	61.3	92
	12-14	100.0	99.9	91.6	73.9	48.6	23.9	9.6	3.0	.3	50.7	93
	15-17	100.0	98.9	87.5	68.1	42.8	19.2	7.8	3.1	.1	48.4	93
	18-20	100.0	99.8	95.9	85.8	69.4	44.4	22.0	6.9	1.2	58.1	93
	21-23	100.0	100.0	100.0	98.0	90.6	78.0	55.9	26.7	4.8	70.9	92
TOTALS		100.0	99.8	96.7	89.6	77.2	60.5	43.2	25.2	5.5	65.4	743

AD-A113 226 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13927 FORBES FLD KS — 63-70,73-74 — AUG

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%		
AUG	00-02	100.0	100.0	100.0	99.7	97.1	90.9	79.1	51.7	14.1	79.1	929
	03-05	100.0	100.0	100.0	100.0	98.6	95.4	85.9	66.0	23.8	83.3	929
	06-08	100.0	100.0	100.0	100.0	98.7	94.5	80.8	61.9	23.2	81.8	930
	09-11	100.0	100.0	99.6	94.3	81.6	60.5	37.5	20.5	6.0	65.6	930
	12-14	100.0	100.0	94.9	78.3	56.0	34.2	18.3	8.2	1.7	54.7	923
	15-17	100.0	99.9	91.2	73.5	49.7	28.3	13.7	5.9	1.7	52.2	929
	18-20	100.0	99.9	98.5	92.1	77.3	54.6	33.6	15.6	3.3	63.2	929
	21-23	100.0	100.0	100.0	99.5	95.3	83.6	63.5	37.4	7.9	74.4	928
TOTALS		100.0	100.0	98.0	92.2	81.8	67.8	51.6	33.7	10.2	69.3	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 PERIOD | SEP MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	99.7	98.8	95.7	83.2	52.1	12.3	80.2	897
	03-05	100.0	100.0	100.0	100.0	99.7	97.4	91.3	66.1	18.4	83.4	897
	06-08	100.0	100.0	100.0	100.0	99.8	97.3	89.4	66.5	18.8	83.2	895
	09-11	100.0	100.0	99.9	97.6	84.1	67.0	45.1	24.8	6.6	68.3	899
	12-14	100.0	100.0	96.8	83.6	59.8	40.1	23.6	12.4	3.3	57.5	900
	15-17	100.0	100.0	96.6	79.4	56.9	34.1	19.1	10.1	2.0	55.5	895
	18-20	100.0	100.0	99.8	95.8	84.2	65.7	39.5	17.8	3.6	66.4	898
	21-23	100.0	100.0	100.0	99.7	97.2	89.0	69.9	37.8	6.7	75.6	898
TOTALS		100.0	100.0	99.1	94.5	85.1	73.3	57.6	36.0	9.0	71.3	7179

USAFETAC FORM AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 FORBES FLD KS — STATION / STATION NAME
63-70,73-74 — PERIOD
OCT — 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%		
OCT	00-02	100.0	100.0	99.9	97.6	91.5	76.1	55.3	27.4	7.3	71.3	929
	03-05	100.0	100.0	100.0	98.8	95.4	84.3	64.5	36.1	10.0	74.7	929
	06-08	100.0	100.0	100.0	99.2	95.6	87.3	68.2	39.7	10.3	75.7	930
	09-11	100.0	99.8	95.9	86.6	71.2	49.7	31.1	15.8	4.6	61.1	930
	12-14	100.0	97.3	84.4	61.6	40.9	27.0	17.6	9.9	2.7	49.7	930
	15-17	100.0	96.1	80.9	57.7	35.9	25.1	15.6	8.8	3.0	48.0	930
	18-20	100.0	99.9	95.9	83.1	62.8	43.0	26.5	13.8	3.9	58.6	93
	21-23	100.0	100.0	99.8	95.6	81.9	61.9	41.2	19.2	5.1	66.1	
TOTALS		100.0	99.1	94.6	85.0	71.9	56.8	40.0	21.3	5.9	63.2	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13923 FORBES FLD KS — 63-70,73-74 — NOV

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%		
NOV	00-02	100.0	100.0	99.8	99.0	94.3	77.4	58.6	30.4	8.6	72.4	900
	03-05	100.0	100.0	99.9	99.2	96.1	87.2	65.9	40.0	9.1	75.3	900
	06-08	100.0	100.0	100.0	99.2	96.9	89.0	70.1	43.8	10.9	76.6	899
	09-11	100.0	100.0	99.1	93.1	82.1	62.9	40.7	22.1	6.8	66.4	900
	12-14	100.0	99.9	92.6	72.6	50.1	31.2	19.6	10.6	2.9	53.7	900
	15-17	100.0	99.7	91.7	70.7	46.9	30.3	19.0	10.7	2.3	52.8	899
	18-20	100.0	100.0	99.4	92.0	75.8	55.0	32.2	14.3	4.6	62.9	900
	21-23	100.0	100.0	100.0	98.3	88.4	71.4	45.3	22.3	6.4	68.8	900
TOTALS		100.0	100.0	97.8	90.5	78.8	63.1	43.9	24.3	6.5	66.1	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 STATION | FORBES FLD KS STATION NAME | 63-70,73-74 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.1	93.9	80.8	56.8	28.9	7.0	72.1	930
	03-05	100.0	100.0	99.8	99.5	95.6	84.3	60.8	30.6	7.1	73.4	930
	06-08	100.0	100.0	99.7	99.6	96.8	86.4	64.6	31.6	8.4	74.3	929
	09-11	100.0	100.0	99.0	96.9	86.8	70.5	47.3	22.8	6.6	68.5	930
	12-14	100.0	99.4	94.8	83.3	67.0	46.2	28.3	14.1	4.1	59.1	930
	15-17	100.0	99.7	92.7	83.3	65.5	44.5	25.8	12.8	3.9	58.4	930
	18-20	100.0	100.0	99.2	94.5	83.5	66.0	41.7	20.3	4.9	66.3	927
	21-23	100.0	100.0	99.9	98.0	91.6	76.4	51.2	27.6	6.6	70.4	927
TOTALS		100.0	99.9	98.1	94.3	85.1	69.4	47.1	23.6	6.1	67.8	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13923 FORBES FLD KS — 63-70,73-75 — 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	99.9	98.8	95.4	86.8	71.3	50.0	25.5	8.1	69.1	7439
FEB		100.0	99.4	95.8	87.9	76.1	59.7	37.8	20.1	5.2	63.8	6764
MAR		100.0	98.4	93.4	83.7	70.0	53.3	35.0	18.4	5.7	61.3	7438
APR		100.0	98.9	94.0	84.2	71.2	55.1	37.8	22.4	8.0	62.7	7194
MAY		100.0	99.9	96.7	89.2	77.2	61.5	43.7	25.4	9.8	66.1	7437
JUN		100.0	100.0	99.4	95.7	87.1	73.3	54.1	32.1	9.8	70.8	7198
JUL		100.0	99.8	96.7	89.6	77.2	60.5	43.2	25.2	5.5	65.4	7438
AUG		100.0	100.0	98.0	92.2	81.8	67.8	51.6	33.7	10.2	69.3	7432
SEP		100.0	100.0	99.1	94.5	85.1	73.3	57.6	36.0	9.0	71.3	7179
OCT		100.0	99.1	94.6	85.0	71.9	56.8	40.0	21.3	5.9	63.2	7438
NOV		100.0	100.0	97.8	90.5	78.8	63.1	43.9	24.3	6.5	66.1	7198
DEC		100.0	99.9	98.1	94.3	85.1	69.4	47.1	23.6	6.1	67.8	7433
TOTALS		100.0	99.6	96.9	90.2	79.0	63.8	45.2	25.7	7.5	66.4	87588

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

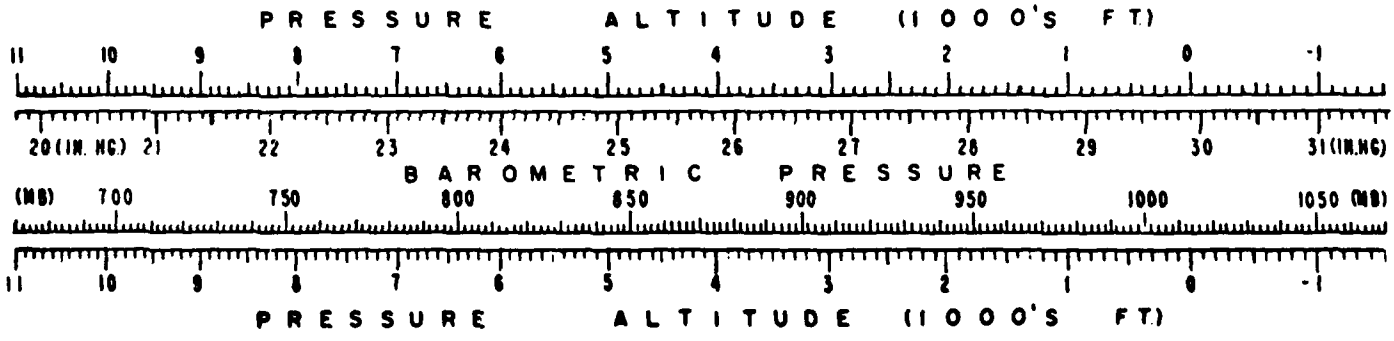
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13920 FORBES FLD KS 63-70,73-75

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	28.945	28.920	28.862	28.779	28.799	28.783	28.842	28.847	28.876	28.893	28.902	28.906	28.863
	S D	.251	.222	.227	.221	.178	.149	.095	.108	.139	.185	.222	.252	.201
	TOTAL OBS	310	282	310	300	310	300	310	310	298	310	300	310	3650
03	MEAN	28.961	28.929	28.847	28.775	28.794	28.768	28.839	28.846	28.872	28.881	28.894	28.904	28.860
	S D	.247	.228	.231	.228	.188	.149	.096	.107	.142	.190	.224	.245	.203
	TOTAL OBS	248	225	248	240	248	240	271	278	270	278	270	279	3095
06	MEAN	28.935	28.917	28.859	28.780	28.811	28.795	28.854	28.859	28.887	28.905	28.898	28.895	28.866
	S D	.258	.228	.236	.236	.187	.154	.097	.110	.141	.192	.233	.254	.206
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	299	310	3650
09	MEAN	28.982	28.961	28.879	28.809	28.832	28.806	28.877	28.883	28.910	28.919	28.924	28.923	28.893
	S D	.254	.227	.239	.242	.199	.157	.102	.110	.148	.198	.230	.249	.208
	TOTAL OBS	248	225	248	240	248	240	271	279	270	279	270	279	3097
12	MEAN	28.953	28.941	28.873	28.789	28.816	28.802	28.862	28.867	28.896	28.911	28.912	28.909	28.877
	S D	.264	.227	.240	.237	.190	.154	.096	.112	.144	.196	.232	.257	.209
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	28.926	28.905	28.817	28.755	28.780	28.763	28.831	28.835	28.850	28.852	28.868	28.872	28.839
	S D	.252	.219	.236	.228	.193	.148	.097	.107	.144	.193	.218	.245	.202
	TOTAL OBS	248	225	248	240	248	240	271	279	270	279	270	279	3097
18	MEAN	28.917	28.897	28.822	28.740	28.761	28.745	28.800	28.808	28.842	28.863	28.884	28.896	28.830
	S D	.254	.215	.227	.218	.177	.146	.094	.113	.138	.187	.219	.248	.201
	TOTAL OBS	310	281	310	299	310	299	310	310	299	310	300	309	3647
21	MEAN	28.953	28.935	28.848	28.780	28.789	28.757	28.824	28.840	28.868	28.880	28.900	28.904	28.857
	S D	.245	.213	.226	.217	.180	.146	.098	.108	.139	.187	.212	.241	.198
	TOTAL OBS	248	225	248	239	248	240	271	278	270	279	270	278	3094
ALL HOURS	MEAN	28.946	28.925	28.851	28.776	28.798	28.778	28.841	28.848	28.875	28.888	28.898	28.900	28.860
	S D	.254	.223	.233	.229	.187	.152	.099	.111	.143	.192	.224	.249	.204
	TOTAL OBS	2232	2027	2232	2158	2232	2159	2324	2354	2276	2355	2279	2354	26982

GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13921 FORBES FLD KS 63-70,73-75

STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
01	MEAN	1020.4	1019.3	1016.8	1013.2	1013.5	1012.7	1014.4	1014.7	1016.0	1017.0	1018.0	1018.7	1016.2
	S.D	9.333	8.065	8.330	7.987	6.440	5.312	3.492	3.953	5.026	6.728	8.049	9.192	7.479
	TOTAL OBS	310	282	310	300	310	300	310	310	298	310	300	310	3650
04	MEAN	1020.2	1019.0	1016.3	1012.8	1013.3	1012.4	1014.2	1014.6	1015.9	1016.9	1017.6	1018.5	1016.0
	S.D	9.443	8.262	8.506	8.289	6.605	5.390	3.354	3.992	5.053	6.878	8.302	9.236	7.612
	TOTAL OBS	310	282	310	300	310	300	310	309	299	309	300	310	3649
07	MEAN	1020.1	1019.2	1016.7	1013.4	1014.0	1013.1	1014.9	1015.2	1016.5	1017.6	1017.9	1018.5	1016.4
	S.D	9.548	8.313	8.647	8.553	6.765	5.494	3.463	3.993	5.119	6.977	8.481	9.151	7.631
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	299	309	3649
10	MEAN	1021.1	1020.2	1017.7	1014.1	1014.7	1013.8	1015.7	1015.9	1017.3	1018.4	1018.9	1019.4	1017.3
	S.D	9.683	8.298	8.738	8.683	6.935	5.630	3.487	4.104	5.291	7.170	8.493	9.313	7.764
	TOTAL OBS	310	282	310	300	310	300	310	310	295	310	300	310	3647
13	MEAN	1020.7	1020.0	1017.2	1013.6	1014.1	1013.3	1015.1	1015.4	1016.7	1017.6	1018.3	1018.8	1016.7
	S.D	9.739	8.263	8.775	8.564	6.861	5.518	3.430	4.084	5.191	7.129	8.375	9.348	7.736
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
16	MEAN	1018.9	1018.0	1015.4	1012.2	1012.8	1012.2	1014.0	1014.2	1015.1	1015.9	1016.8	1017.4	1015.2
	S.D	9.652	8.062	8.489	8.212	6.737	5.330	3.350	4.050	5.094	6.942	8.158	9.200	7.517
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	299	310	3650
19	MEAN	1019.5	1018.4	1015.4	1011.9	1012.2	1011.4	1013.0	1013.4	1014.9	1016.1	1017.4	1018.1	1015.1
	S.D	9.399	7.888	8.312	7.897	6.388	5.238	3.447	4.095	5.005	6.800	7.952	9.064	7.519
	TOTAL OBS	310	281	310	299	310	299	310	310	299	310	300	309	3647
22	MEAN	1020.1	1019.2	1016.5	1013.1	1013.2	1012.0	1013.7	1014.4	1015.8	1016.9	1018.1	1018.7	1016.0
	S.D	9.350	7.925	8.222	7.858	6.318	5.233	3.497	4.020	4.990	6.788	7.942	9.113	7.472
	TOTAL OBS	310	282	310	299	310	300	310	309	298	310	300	309	3647
ALL HOURS	MEAN	1020.1	1019.2	1016.5	1013.0	1013.5	1012.6	1014.4	1014.7	1016.0	1017.0	1017.9	1018.5	1016.1
	S.D	9.527	8.152	8.525	8.277	6.665	5.437	3.528	4.098	5.144	6.961	8.230	9.205	7.621
	TOTAL OBS	2480	2255	2480	2398	2480	2399	2480	2476	2388	2479	2398	2477	29190

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