AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82 1/6

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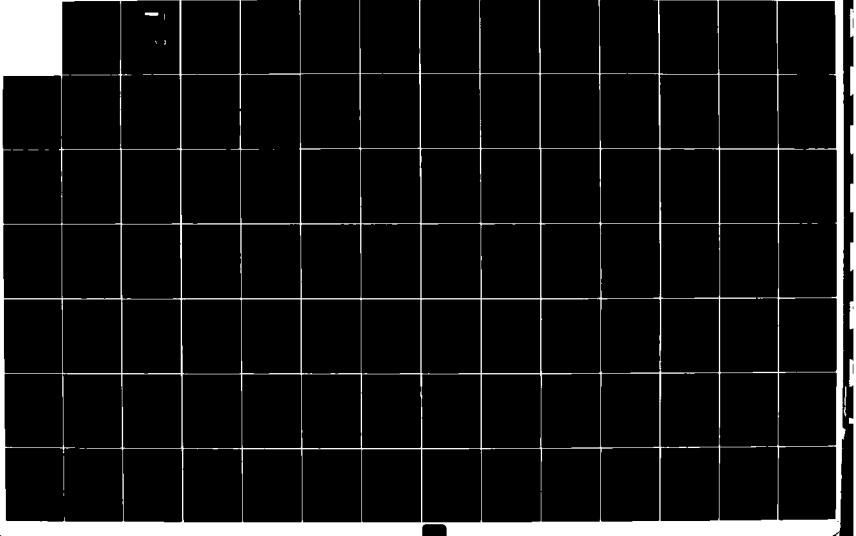

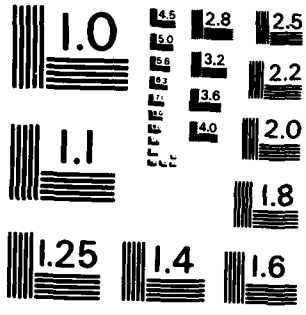

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

22 SEP 1982

SALINA MAP,KS SLN MSC#: 724586
N 38 48 W 097 39 FLD ELEV: 1272 FT

PARTS A-F
POR FROM HOURLY OBS: JAN 73 - DEC 81

POR FROM DAILY OBS: NOV 42 - NOV 49, JAN 52 - DEC 81

TIME CONVERSION GMT TO LST: -6

SEP 20 1982

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-82/055	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- SALINA MAP, KANSAS		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
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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 SALINA MAP, 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

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

KANSAS

SALINA MAP, 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.

The observation forms (MFI-10c) *used to* record the observations after May 1965 lack any entry space for recording the peak wind speed and direction. This data is not extracted from the hourly or special observations when transcribed into the data base. Thus peak wind speed and direction are not available after 1964 in the "Extreme Values" section of the RUSSWO.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
724586	SALINA MAP, KS	N 38 48	W 97 39	1282	SLN	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1.	Salina MAP, KS	CAA	Dec 51	Feb 53	N 38 49	W 97 34	1245	1297	24
2.	Same	CAA	Feb 53	Mar 69	Same	Same	1314	Same	24
3.	Same *	FSS	Mar 69	Apr 82	N 38 48	Same	1282	1269	24

* Last NWS update May 81

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Dec 51	On field		F420C	23	
2.	Apr 61	Same		F420C	33	
3.	Sep 66	On top control tower		F420C	122	
4.	Mar 69	Field		F420C	20	

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PART A WEATHER CONDITIONS

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

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

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

A percent value of ".0" in these tables indicates less than .05 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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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...6	SALINA MAP KS	73-81	JA...

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	1-02		2.[illegible]	.4	5.4		[illegible].5	10.3		[illegible].[illegible]		11.4	[illegible]17
	03-05		1.5	.8	7.4		9.3	11.6	.1	1.7		12.7	[illegible]07
	06-08		1.9	1.3	6.1		9.4	12.4	.8	2.5		14.5	[illegible]07
	09-11		1.6	1.1	8.1		10.[illegible]	13.4	.2	2.1		15.[illegible]	[illegible]09
	12-14		.6	1.5	7.9		9.6	11.5	1.4	1.[illegible]		13.[illegible]	[illegible]11
	15-17		1.1	1.[illegible]	5.6		7.6	1[illegible].[illegible]	1.2	1.[illegible]		11.4	[illegible]07
	18-20		1.3	.6	6.5		9.4	9.3	1.[illegible]	1.1		11.[illegible]	[illegible]05
	21-23		2.[illegible]	.5	7.5		9.7	9.9	.7	1.1		11.7	[illegible]12
TOTALS			1.[illegible]	.9	7.[illegible]		[illegible].[illegible]	11.1	.7	1.[illegible]		13.7	[illegible]54

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WEATHER CONDITIONS

4[illegible]6	SALINA MAP KS	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	0-[illegible]		1.9	1.1	3.3		6.2	16.4	.9	.1		17.[illegible]	756
	3-05	.3	2.5	1.2	4.6		8.3	16.2	.9	.6	.3	17.7	757
	06-08		2.6	2.[illegible]	5.0		9.5	19.8	.3	2.[illegible]	.3	21.[illegible]	744
	09-11		2.6	1.7	9.0		12.7	21.3	1.7	1.6		23.8	747
	12-14		2.1	.8	6.1		8.8	16.6	2.6	1.5		19.5	752
	15-17		.9	.7	3.9		5.3	12.2	3.3	1.6	.7	16.6	748
	18-2	.1	1.1	1.5	3.5		6.1	12.6	3.1	.4	.8	16.3	741
	21-23		1.3	1.2	2.9		5.5	14.2	1.9	.4	.5	17.[illegible]	748
TOTALS		.1	1.9	1.3	4.8		7.8	16.2	1.9	1.1	.3	18.7	5994

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WEATHER CONDITIONS

4...6	SALINA MAP KS	73-81	MA
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.
MA	00-02	.9	8.7	1.1	2.3		11.6	16.5	.1	.1		16.4	817
	03-05	1.0	6.5	.9	2.6		11.4	19.1		.1		19.3	822
	06-08	1.1	8.4	.8	1.9		13.8	23.6	.1			27.4	825
	9-11		8.1	.6	1.9		10.7	17.9	1.0			19.5	824
	12-14	.2	6.3	.1	2.1		8.1	12.2	1.7	.3		17.3	826
	15-17	.5	7.5		1.8		9.1	11.5	1.5	.7		17.3	827
	18-20	.4	7.9	.4	1.7	.1	9.5	12.1	.5	.2		17.6	818
	21-23	.7	9.5	.5	1.2	.1	11.2	12.2	.2			18.2	823
TOTALS		.6	8.1	.6	1.9	.1	10.3	15.6	.7	.2		18.4	8574

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...6	SALINA MAP KS	72-81	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
APR	00-02	2.0	7.4		1.8		8.9	7.0	.4			7.4	757
	03-05	2.5	7.5		.9		8.3	12.5	.4			12.9	757
	06-08	1.5	6.5		.8		7.2	18.6	1.4	.3		19.9	757
	09-11	.3	4.4	.3	1.3		6.1	13.1	2.8	.3		14.9	757
	12-14	.5	5.6	.4	.9		7.1	8.1	.9			9.1	757
	15-17	1.3	6.1		.6		6.6	6.5	1.5		.3	8.3	757
	18-20	2.0	6.4		1.3		7.4	6.6	.9		.3	7.8	756
	21-23	2.4	6.0		1.4		7.4	5.3	.8	.1		7.9	756
TOTALS		1.6	6.3	.1	1.1		7.4	9.7	1.3	.1	.1	17.3	6718

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	[illegible]

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]	4.1	[illegible]				8.8	7.2				[illegible]	[illegible]
	[illegible]	4.1	9.7				9.7	8.6	.1			[illegible]	[illegible]
	[illegible]	1.1	[illegible]				8.1	15.3	3.4			17.8	[illegible]
	[illegible]	1.1	[illegible]				5.8	7.2	2.1			[illegible]	[illegible]
	12-14	1.0	4.9				4.9	2.7	.8			[illegible]	[illegible]
	15-17	2.3	4.7			.2	4.7	2.1	.7			[illegible]	[illegible]
	18-20	2.7	5.9				5.9	3.1	.8			[illegible]	[illegible]
	21-23	3.7	6.8				6.8	3.4	.4			[illegible]	[illegible]
TOTALS		2.5	6.8			.2	6.8	6.2	1.2			[illegible]	[illegible]

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]6	SALINA MAP KS	73-81	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	00-02	5.3	5.7				4.7	1.1	.1			1.3	7[illegible]1
	03-05	5.8	6.3				5.3	4.8	.4			5.[illegible]	7[illegible]7
	06-08	2.5	3.9				3.9	9.1	1.6			10.2	7[illegible]8
	09-11	1.5	2.9				2.9	2.4	.9			3.2	7[illegible]8
	12-14	1.3	2.3				2.3	.4	.1			.[illegible]	7[illegible]9
	15-17	2.3	2.9			.1	2.9	.4				.4	7[illegible]7
	18-20	2.4	2.3				2.3		.4			.[illegible]	7[illegible]6
	21-23	4.5	[illegible].5				4.5		.4			.4	7[illegible]1
TOTALS		.2	3.7			.1	3.7	2.3	.3			2.7	[illegible]152

[illegible] CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

[illegible]	ALINA MAP KC	73-81	JUL
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
JUL	0-02	3.2	4.7				4.	2.2	3.			4.[illegible]	[illegible]
	03-05	3.5	4.7				4.7	4.9	2.6			[illegible].1	[illegible]
	06-08	1.3	3.3				3.3	10.4	2.1			11.[illegible]	[illegible]
	09-11	1.1	2.6				2.6	4.1	3.9			[illegible].5	[illegible]
	12-14	.7	1.1				1.1	1.8	3.7			[illegible].1	[illegible]
	15-17	1.5	1.7				1.3	1.[illegible]	2.5			[illegible].3	[illegible]
	18-20	3.3	3.7				3.2	.9	2.6			[illegible].4	[illegible]
	21-23	2.4	3.1				3.1	1.1	2.5			[illegible].[illegible]	[illegible]
TOTALS		1.1	2.9				2.9	3.3	2.9			[illegible].5	6[illegible]1

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WEATHER CONDITIONS

4 56 SALINA MAP KS 73-81 AUG
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
AUG	0-2	3.6	5.[illegible]				5.	3.2	.5			[illegible]	[illegible]
	03-05	3.9	7.1				7.1	6.8	.5			6.[illegible]	[illegible]
	06-08	.7	3.2				3.2	13.7	.7			14.1	[illegible]
	09-11	.6	2.9				2.9	4.9	1.5			[illegible]	[illegible]
	12-14	1.0	2.6				2.6	1.1	1.[illegible]		.1	[illegible]	[illegible]
	15-17	2.9	2.8				2.8	.9	.7		.7	[illegible]	[illegible]
	18-20	2.3	2.2			.1	2.2	.5	.5		.5	1.[illegible]	[illegible]
	21-23	3.0	3.8			.1	3.8	1.7	.9		.1	[illegible]	[illegible]
TOTALS		1.3	3.7			.[illegible]	3.7	4.1	.3		.2	4.[illegible]	[illegible]

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
[illegible]	SALINA MAP KS	73-81	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]	[illegible]	2.8	3.9				6.9	6.2	.3			8.2	[illegible]
	[illegible]	2.5	6.1				9.1	1[illegible].9				12.9	[illegible]
	[illegible]	1.9	5.7				6.2	10.9	1.4			12.3	[illegible]
	09-11	.6	6.7				6.7	7.9	2.7			1[illegible].3	798
	12-14	.5	4.3				4.3	2.8	1.1			5.9	787
	15-17	1.4	3.3				3.3	1.9	1.1			[illegible].1	788
	18-2[illegible]	.8	2.6				2.6	1.8	.9			3.7	[illegible]
	21-23	2.3	3.5				3.5	2.8	.6			3.4	797
TOTALS		1.6	4.6				4.6	6.4	1.3			[illegible].3	5713

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]-6	SALINA MAP KS	73-[illegible]	[illegible]

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]	[illegible]	[illegible]		.6	.1	7.1	7.7				[illegible]	[illegible]
	[illegible]	1.2	[illegible]		.6		5.7	8.6				[illegible]	[illegible]
	[illegible]	.9	[illegible]		.4		5.1	12.2				[illegible]	[illegible]
	9-11	.6	4.3		.1		4.5	10.3	.4			[illegible]	[illegible]
	12-14	.5	4.1				4.1	6.3	.1		.1	[illegible]	[illegible]
	15-17	1.1	[illegible]				5.2	4.6	.4		.5	4.9	[illegible]
	18-20	1.2	5.3		.1		6.3	[illegible]				[illegible]	[illegible]
	21-23	1.7	5.3		.7		6.2	6.7				6.7	[illegible]
TOTALS		1.2	[illegible]		.3	[illegible]	5.3	7.6	.1		.1	7.8	[illegible]

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

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ETAC
FATHER SERVICE/MAC

WEATHER CONDITIONS

4[illegible]6	SALINA MAP KS	73-81	NOV
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.
NOV	[illegible]0-0[illegible]	.1	5.1		1.9		7.8	15.6	.5	.[illegible]		11.1	[illegible]03
	03-05	.4	6.3	.1	1.9		8.2	13.6	.3	.4		14.[illegible]	7[illegible]7
	06-08	.1	6.7	.0	1.6		9.1	18.6		.3		19.[illegible]	791
	09-11		6.3	.4	1.3		7.9	14.7	1.0	.3		15.4	747
	12-14	.1	4.6		1.3		5.9	10.1	.6	.1		12.[illegible]	7[illegible]7
	15-17		6.2		1.2		7.3	8.7	.2		.1	9.1	7[illegible]6
	18-20		5.3		1.1		6.5	9.1	.6	.1		9.[illegible]	7[illegible]7
	21-23	.1	5.3		1.9		6.9	9.1	.1	.3		9.[illegible]	7[illegible]4
TOTALS		.1	5.[illegible]	.[illegible]	1.5		7.5	11.9	.4	.[illegible]	.[illegible]	12.3	[illegible]32[illegible]

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	ALIVA MAP KS	73-81	[illegible]

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]		2.7	1.[illegible]	1.9		5.[illegible]	13.1	.[illegible]	.[illegible]		[illegible].0	[illegible]
	[illegible]		2.8	1.5	2.4		7.3	11.6	.4	.5		[illegible].0	[illegible]
	[illegible]	.2	3.3	1.1	3.6		7.3	13.6	1.[illegible]	.5		[illegible].7	[illegible]
	[illegible]	.1	3.5	.9	3.5		7.7	16.1	1.1	.3		[illegible].5	[illegible]
	12-14		2.8	.6	2.2		5.7	12.8	[illegible].1	.7	.1	[illegible].2	[illegible]
	[illegible]		[illegible].3	1.6	3.5		7.[illegible]	15.5	.[illegible]	.6	.1	[illegible].[illegible]	[illegible]
	18-2[illegible]		2.4	.9	3.[illegible]		5.9	9.9	.[illegible]	.1	.2	[illegible].5	[illegible]
	21-23	.2	2.5	1.6	2.1		6.[illegible]	9.6	.5	.4		[illegible].1	[illegible]
TOTALS		.1	2.8	1.2	2.9		6.7	11.8	.7	.5	.1	12.[illegible]	[illegible]541

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

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WEATHER CONDITIONS

4 5	ALIMA MAP KS	73-81	
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		1.5	.9	[illegible]		[illegible]	11.1	.7	1.[illegible]		[illegible]	[illegible]
FEB		.1	1.[illegible]	1.3	4.[illegible]		7.6	16.[illegible]	1.9	1.1	.3	15.7	[illegible]
MAR		.6	3.1	.6	1.9	.[illegible]	1[illegible].3	15.6	.7	.[illegible]		16.4	6[illegible]74
APR		1.6	[illegible].3	.1	1.1		7.4	9.7	1.[illegible]	.[illegible]	.1	1[illegible].[illegible]	[illegible]1[illegible]
MAY		2.5	3.6			.[illegible]	6.3	6.2	1.[illegible]			[illegible].[illegible]	[illegible]
JUN		[illegible].2	3.7			.[illegible]	3.7	[illegible].3	.[illegible]			[illegible].7	[illegible]
JUL		[illegible].1	2.9				2.9	3.3	[illegible].[illegible]			[illegible].[illegible]	[illegible]1
AUG		[illegible].3	3.7			.[illegible]	3.7	4.1	.8		.2	4.9	[illegible]
SEP		1.6	4.6				4.6	6.4	1.[illegible]			7.[illegible]	[illegible]
OCT		1.2	3.1		.3	.[illegible]	[illegible].3	7.6	.1		.1	7.5	[illegible]
NOV		.1	[illegible].9	.2	1.5		7.5	11.9	.4	.3	.[illegible]	[illegible].[illegible]	[illegible]
DEC		.1	2.[illegible]	1.2	2.9		6.7	11.[illegible]	.7	.5	.1	[illegible].[illegible]	[illegible]
TOTALS		1.3	4.4	.4	1.6	.[illegible]	6.3	[illegible].9	1.[illegible]	.3	.1	[illegible].9	[illegible]

USAFETAC FORM MAY 84 0-10-5(QL 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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

724586	SALINA MAP KS	46-49, 52-81	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.8	15.1	5.6	23.7		31.9	28.5	7.8	6.5	.1	34.3	1054
FEB		1.8	16.6	5.6	21.9	.4	32.4	31.5	10.3	4.6	.6	36.6	958
MAR		5.9	29.9	3.0	16.5	.8	37.3	30.7	10.3	3.4	.5	36.2	1054
APR		16.0	40.1	.1	3.0	2.5	39.2	[illegible]	6.[illegible]	.4	.1	27.4	1020
MAY		25.6	43.7		.2	1.9	42.4	22.1	5.5		.2	24.2	1054
JUN		31.1	41.2			2.4	39.8	11.6	4.3		.4	14.6	988
JUL		28.2	37.8			.7	36.4	11.2	4.3		.1	12.4	1019
AUG		22.2	33.1			.6	31.8	15.3	6.0		.1	16.9	1018
SEP		16.6	31.6			.6	30.1	20.9	4.9		.1	22.3	1020
OCT		9.8	26.1	.1	.9	.7	25.8	18.6	2.3	.2	.2	19.6	1053
NOV		2.1	22.5	.6	8.5	.2	26.4	25.7	4.6	1.2	.2	28.2	1004
DEC		.9	18.8	4.4	19.1	.1	30.3	28.2	5.5	3.0		32.0	1023
TOTALS		13.4	29.9	1.6	7.8	.9	33.6	22.4	6.0	1.6	.2	25.4	12265

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

Air Force Stations:		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

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

724536 STATION SALINA MAP KS STATION NAME 42-49, 52-81 YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01 .04	.05 .09	.10 .24	.25 .49	.50 .99	1.00 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00					MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	.1 .4	.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	66.9	17.9	1.7	5.0	2.4	3.6	1.4	1.0	.2						15.3	1147	.75	2.88	TRACE
FEB	65.9	18.0	2.2	4.1	2.5	3.1	1.9	1.8	.5						16.1	1043	.90	3.20	TRACE
MAR	61.3	17.1	1.0	4.3	2.4	5.9	4.2	2.5	1.3						21.6	1143	2.07	10.82	TRACE
APR	53.4	15.2	2.2	3.9	4.1	5.9	3.9	4.2	2.2	.2					26.4	1110	2.99	7.98	.49
MAY	55.5	14.5	1.8	5.1	3.7	4.3	7.0	6.0	3.1	.3	.1				30.5	1147	4.25	9.38	.25
JUN	58.7	11.6	1.8	4.4	3.4	4.7	5.7	5.1	4.3	.3	.1				29.7	1078	4.34	10.04	.79
JUL	61.4	12.5	1.3	4.4	3.0	5.6	4.7	4.1	2.7	.3					26.1	1112	3.46	8.96	TRACE
AUG	66.5	11.9	1.3	4.1	2.9	3.9	3.5	3.5	2.2	.2	.1				21.7	1080	2.86	13.75	.13
SEP	68.3	10.5	.8	4.4	1.9	4.1	3.7	3.3	2.4	.5					21.2	1110	3.03	12.05	.11
OCT	73.3	9.2	1.0	3.1	1.9	3.9	3.1	2.5	1.4	.5					17.5	1146	2.29	6.77	TRACE
NOV	73.4	11.4	1.7	2.6	2.3	3.5	2.3	1.8	.9						15.1	1110	1.39	5.61	TRACE
DEC	68.1	16.3	1.4	4.8	1.8	3.7	2.2	1.2	.5						15.6	1147	1.03	3.12	TRACE
ANNUAL	64.8	13.8	1.4	4.2	2.7	4.3	3.6	3.1	1.8	.2	.0				21.4	13373	29.27		

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

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

[illegible]4556 SALINA MAP KS 42-49, 52-81
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
42											*TRACE		
43	.14	.80	.29	1.74	.56	1.67	1.74	.37	1.40	1.63	1.07		1.63
44	.19	.43	.97	2.48	.58	.75	1.29	1.67	1.14		.66	1.1	2.48
45	.19	.74	.32	1.51	.69	1.10	2.39		2.58	.2	TRACE		
46	.10	.35	1.04	.47	2.51	.87	.45	3.53	3.21	1.27	.93		
47	1.20	.25	.60	1.10	1.25*	1.60*	.66*	.71	.11	1.32	.58	1.03	1.73
48	.34*	1.42	.75	.87	1.43	2.21	2.04	.16	.87	.51	1.30		2.21
49	.41	.12*	.20	1.78	1.14	.96	1.16	.45	.44	.93*	.10		
50	.20	.34	.55	.93	.89	1.62	.55	1.25	.92	TRACE*	.28	.1	1.62
51	TRACE	.13	.92	.54	1.80	.72	1.42	.79	1.77	.12	1.01	1.	1.
52	.92	.59	.28	.86	1.26	1.76	1.43	.36	1.14	.68	TRACE		1.76
53	1.13	.58	.61	2.20	.57	1.23	1.09	1.12	1.87	3.26	.14		3.26
54	.69	.65	.20	1.10	1.32	.38	.50	.79	.90	.92	.26		1.32
55	.34	.34	.38	1.56	2.74	2.01	1.41	.55	2.04	3.13	.60		3.13
56	.48	1.63	.38	.80	.58	2.75	1.28	1.61	1.19	.30	.59		2.75
57	.65	.29	2.74	.46	1.85	.89	1.30	.35	1.98	1.73	.10	.67	2.74
58	1.47	1.14	.35	1.26	.82	1.36	.69	1.57	3.16	.90	.23	1.14	3.16
59	.39	.66	.37	1.76	2.70	1.37	.77	.87	2.09	.99	1.51		
60	.41	.26	.39	.60	2.35	2.97	2.09	2.45	1.47	.69	.61	.1	2.97
61	.53	TRACE	.93	.24	.47	.91	3.36	1.27	.93	1.61	.16		3.36
62	.11	.32	1.39	.32	1.68	1.43	.77	.97	.76	.66	2.22		2.22
63	.53	1.09	.23	.71	1.64	1.87	.96	.65	2.48	.77	.03	1.07	2.48
64	.07	.58	TRACE	.35	.23	.95	.53	1.30	.92	.23	TRACE	.73	1.30
65	.14	.34	.39	2.17	.94	2.15	.95	.26	4.82	1.38	.37	.34	4.82
66	.11	.10	TRACE	1.11	1.67	.51	.65	1.73	.12	2.91	.94	.49	2.91
67	.18	.61*	1.67	.98	1.99	1.59	1.39	.66	.27	.94	.17	.27	1.99
68	.11	.19	.49	1.66	.71	1.67	1.01	.75	2.93	1.60	.24	.75	2.93
69	.91	.90	.19	.78	5.84	1.57	2.55	.13	.61	2.12	.97	.26	5.84
70	.53	.54	.28	.93	1.31	1.32	1.56	2.18	1.18	.56	.94	.73	2.18
71	.31	1.22	1.54	1.53	.72	.45	3.83	1.12	2.36	2.80	.31	1.52	3.83
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

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

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] SALINA MAP KS — 42-49, 52-81

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
74	.28	.12	.75	1.41	2.14	1.16	.55	.83	.32*	1.55	.45	.22	2.14
75	.21	.65	.73	.81	1.22	1.73	TRACE	2.53	1.84	.01	1.65	.47	2.53
76	.17	.11	.46	3.25	.79	2.19	1.97	.26	.65	1.24	.14	TRACE	3.25
77	.20	.03	1.74	1.27	2.78	1.44	1.57	5.14	1.51	.48	1.23	.07	5.14
78	.13	.80	1.57	.99	1.82	.92	1.23	1.10	1.92	.13	.89	.15	1.92
79	.73	.29	1.11	3.21	.84	1.23	1.62	.25	.33	4.36	1.52	.36	4.36
80	.04	.72	1.17	.87	.51				.50	1.23	.74	1.76	
81	.19	.10	.36	.75	1.63	5.66	2.48	1.38	.84	.23	1.51	.25	5.66
MEAN	.351	.475	.725	1.186	1.447	1.516	1.382	1.188	1.442	1.167	.958	.932	2.316
S.D.	.351	.392	.575	.723	1.004	.943	.826	1.035	1.031	1.042	.774	.455	1.203
TOTAL OBS.	1147	1043	1143	1110	1147	1078	1112	1080	1114	1146	1120	1147	13377

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

4236 ALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42											*TRACE	1.37	
43	.13	.81	.91	1.98	2.33	4.58	4.50	.94	2.07	3.63	1.13	1.57	24.70
44	.46	1.72	4.32	7.98	2.50	2.40	4.52	5.52	1.56	.95	1.93	2.36	35.42
45	.96	1.64	.75	4.75	4.15	2.75	4.25		4.81	.36	TRACE	.46	
46	.19	.35	1.72	1.28	5.09	1.76	1.22	6.42	4.41	2.90	2.14	.67	28.15
47	1.06	.28	1.83	3.78	5.28*	4.90*	1.00*	1.42	.11	2.67	.76	7.95	*30.34
48	.71*	2.90	1.98	1.69	2.16	6.76	6.96	.19	2.20	1.08	2.71	.47	*29.82
49	1.67	.34*	.41	2.28	2.94	4.78	2.68	1.32	1.00	1.71*	.16		
52	.31	.58	2.17	5.21	4.28	2.51	1.42	4.92	1.04	TRACE*	.35	.34	*22.43
53	TRACE	.27	2.29	1.04	5.17	2.47	2.16	1.86	1.79	.31	1.64	1.93	23.95
54	.02	.65	.34	1.70	3.75	4.66	2.37	.84	1.43	1.75	TRACE	.75	18.26
55	1.66	1.53	1.18	3.52	1.65	3.31	2.10	1.40	4.93	3.38	.33	.27	25.27
56	1.33	.75	.35	2.14	4.36	.79	1.91	1.19	.90	2.35	.47	.34	16.93
57	.04	.54	2.36	4.69	9.38	7.44	3.13	1.71	5.92	5.76	1.49	1.63	44.59
58	1.09	3.20	3.74	1.87	2.71	7.35	5.62	2.03	3.96	.54	.84	.82	33.75
59	1.54	.32	2.64	1.06	6.11	1.36	5.47	1.06	3.98	5.39	.22	1.55	34.72
60	2.23	3.16	1.84	4.27	2.51	3.95	1.24	5.53	3.44	3.01	.27	1.60	33.04
61	.35	1.23	2.09	2.55	8.17	4.72	2.86	1.68	5.91	2.32	2.30	.58	33.77
62	1.49	.69	1.22	1.22	6.77	7.63	5.18	5.06	4.46	.94	1.28	.78	36.28
63	.74	TRACE	2.10	.49	1.68	4.65	6.90	2.20	2.53	4.17	.23	.19	26.68
64	.16	.59	2.22	1.50	1.98	5.44	2.41	3.51	1.60	.06	5.61	1.91	26.99
65	1.59	2.23	.79	1.68	4.81	7.91	1.82	1.94	4.86	.27	.03	1.72	29.65
66	.13	.90	TRACE	.30	.25	3.90	2.60	3.20	1.09	.34	TRACE	.77	12.99
67	.14	.08	.72	4.29	3.02	8.22	3.02	.61	12.05	2.96	.43	1.76	36.81
68	.13	.21	TRACE	3.50	3.41	1.69	2.02	4.92	.24	4.51	1.49	.94	23.16
69	.35	1.69*	2.29	2.93	6.91	2.17	2.50	1.55	.12	4.23	.18	.95	*25.75
70	.27	.28	1.29	3.82	2.15	7.04	1.91	1.18	6.83	1.84	.59	.78	27.26
71	.94	2.44	.41	1.86	8.30	4.44	8.96	.13	1.56	3.87	1.96	.41	35.28
72	.15	.08	1.01	2.55	5.77	2.44	4.50	4.88	3.53	1.72	3.76	1.91	31.55
73	1.31	1.38	10.82	4.13	2.98	.90	7.47	2.52	8.12	5.62	.69	3.12	49.12
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

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

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

74586 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	.22	.72	1.57	4.75	6.16	3.18	.56	3.93	.83*	4.21	.70	.74	*26.57
75	.66	1.77	1.23	1.70	5.35	6.93	TRACE	5.12	2.89	.01	4.13	.47	30.31
76	.10	.14	.86	6.64	3.37	2.34	2.42	.53	1.44	2.74	.14	TRACE	20.88
77	.74	.06	2.57	4.23	4.66	6.83	3.15	13.75	3.65	1.26	1.25	.15	42.94
78	.33	1.21	2.13	2.70	5.18	1.79	2.63	1.33	4.75	.17	3.66	.41	26.31
79	2.88	.53	5.13	4.45	3.47	4.59	4.34	.56	.39	6.77	2.27	.93	36.35
80	1.49	1.19	4.37	1.26	1.86				.65	2.28	.24	2.41	
81	.33	.17	2.41	1.86	6.50	10.04	6.14	4.35	1.26	2.19	3.54	.12	39.92
MEAN	.746	.896	2.073	2.903	4.251	4.343	3.456	2.859	3.234	2.233	1.395	1.027	31.162
S.D.	.777	.853	1.955	1.696	2.099	2.433	2.092	2.645	2.551	1.834	1.412	.923	8.358
TOTAL OBS.	1147	1043	1143	1111	1147	1078	1112	1080	1110	1146	1110	1147	13277

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 80 0-88-6 (OLA)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

7945[illegible]6 SALINA MAP KS 45-49, 52-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	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	.01-.04	.05-.14	.15-.24	.25-.34	.35-.44	.45-.64	.65-1.04	1.05-1.54	1.55-2.54	2.55-5.04	OVER 5.04						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	75.	14.8	2.5	4.2	1.6	.5	.4	.7	.5						13.2	1054	5.5	32.7	TRACE
FEB	76.8	14.7	1.6	3.3	.7	.7	.4	1.0	.6						8.5	958	5.3	25.6	.7
MAR	82.6	11.2	1.7	2.1	1.0	1.0	.8	.1	.3						6.2	1052	3.9	15.4	.0
APR	96.9	2.2	.2	.7					.1						1.0	1020	.4	7.0	.0
MAY	99.7	.3														1054	TRACE	TRACE	.0
JUN	100.															988	.0	.0	.0
JUL	100.															1019	.0	.0	.0
AUG	100.															1018	.0	.0	.0
SEP	100.0															1020	.0	.0	.0
OCT	99.1	.5	.2	.1	.1										.4	1053	.1	2.5	.0
NOV	91.3	5.8	1.0	.7	.8	.1	.2	.1							2.9	1002	1.2	7.0	.0
DEC	87.4	12.3	1.7	2.8	1.7	.5	.3	.3		.1					7.3	1023	3.5	12.0	TRACE
ANNUAL	91.8	5.1	.7	1.2	.5	.2	.2	.2	.1	.0					3.0	12261	19.9		

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

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

...6536 SALINA MAP KS 45-49, 52-61
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
45													
46	TRACE	.4	.1	.0	.1	.0	.0	.0	.1	.1	.6	1....	3.1
47	5.1*	2.2	3.1	TRACE	.0*	.0*	.0*	.0	.1	.2	.1	9.5	9.5
48	9.1*	6.2	4.9	.0	.1	.0	.0	.0	.0	.0	4.0	3....	9.1
49	3.1	1.0	1.9	.1	.0	.0	.0	.0	.0	.1*	.0		
52	2.2	1.0	7.0	TRACE	.1	.0	.0	.0	.0	.0*	1.6	1.3	7.2
53	TRACE	.3	7.5	1.2	TRACE	.0	.0	.0	.0	.2	4.1	1.4	7.5
54	.2	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.2	TRACE	....	2.2
55	2.4	5.5	3.2	.1	.0	.0	.0	.0	.0	.0	1.1	.5	5.5
56	6.9	5.9	2.0	TRACE	.0	.0	.0	.0	.0	.0	.5	TRACE	6.9
57	.4	3.7	1.2	1.4	.0	.0	.0	.0	.0	TRACE	1.7	.2	3.7
58	3.1	4.7	3.8	.0	.0	.0	.0	.0	.0	.0	3.3	3.8	4.7
59	7.2	.9	2.0	TRACE	.0	.0	.0	.0	.0	.0	.8	2.7	7.2
60	5.4	6.5	3.4	TRACE	.0	.0	.0	.0	.0	TRACE	.2	1.1	6.5
61	.9	5.5	2.9	TRACE	TRACE	.0	.0	.0	.0	.0	.4	1.8	5.5
62	3.8	.2	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	3.8
63	2.4	TRACE	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.6	2.4
64	1.1	1.0	4.0	.1	.0	.0	.0	.0	.0	.2	1.8	6.2	6.2
65	4.1	3.0	.9	.0	.0	.0	.0	.0	.0	.2	TRACE	2....	4.1
66	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.2	.0	11.1	11.1
67	1.1	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	3.0
68	1.1	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	2.0	2.1
69	1.0	5.0*	3.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.0
70	3.1	TRACE	3.5	7.0	.0	.0	.0	.0	.0	1.6	TRACE	TRACE	7.0
71	4.7	9.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9....
72	1.0	1.0	TRACE	TRACE	.1	.0	.0	.0	.0	.0	2.0	3.0	7.0
73	4.1	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	3.7	4.1
74	1.1	TRACE	3.0	1.1	.0	.0	.0	.0	.2*	.0	TRACE	1.0	3.2
75	2.2	6.0	8.1	.6	.0	.0	.0	.0	.0	.0	5.0	TRACE	8.1
76	2.1	1.0	.7	.0	.0	.0	.0	.0	.0	.1	2.4	TRACE	2.4
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

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

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

...5486 SALINA MAP KS 45-49, 52-81
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
77	4.9	TRACE	.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.9
78	2.1	4.4	5.8	.1	.0	.0	.0	.0	.2	.2	1.0	5.2	5.8
79	10.1	3.0	2.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	10.1
80	1.1	10.0	4.0	.0	.0				.0	TRACE	.2	3.9	
81	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	2.0
MEAN	2.86	2.82	2.29	.39	TRACE	.00	.00	.00	.00	.05	.89	2.18	5.33
S.D.	2.574	2.905	2.262	1.238	.001	.000	.000	.000	.000	.261	1.420	2.281	3.967
TOTAL OBS.	1054	958	1052	1020	1054	988	1019	1018	1020	1053	1032	1033	1201

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

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

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

7...56 SALINA MAP KS 45-49, 52-81
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
45													
46	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	4.6	4.8
47	6.1	2.5	6.5	TRACE	.0*	.0*	.0*	.0	.0	.0	.2	7.5	* 22.7
48	16.9*	11.2	15.4	.0	.0	.0	.0	.0	.0	.0	4.2	4.3	51.9
49	5.3	2.1	1.9	.1	.0	.0	.0	.0	.0	.0*	.0		
52	3.8	1.0	13.3	TRACE	.1	.0	.1	.0	.0	.0*	1.7	2.1	* 21.9
53	TRACE	.4	8.0	1.2	TRACE	.0	.0	.0	.0	.0	5.7	1.8	17.1
54	.2	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	3.3	3.5
55	4.1	11.4	3.4	.0	.0	.0	.0	.0	.1	.0	1.5	.0	20.9
56	13.3	6.8	3.5	TRACE	.0	.0	.0	.0	.0	.0	.5	TRACE	24.1
57	.5	3.7	2.3	3.1	.0	.0	.0	.0	.0	TRACE	3.2	.0	12.8
58	6.0	11.1	14.1	.0	.0	.0	.0	.0	.0	.0	3.3	7.3	43.8
59	14.2	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.9	4.4	22.6
60	7.1	25.6	10.9	TRACE	.3	.0	.0	.0	.0	TRACE	.2	1.9	45.6
61	.9	7.9	5.5	TRACE	TRACE	.0	.0	.0	.0	.0	.4	4.3	19.0
62	8.4	.4	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.2	12.0
63	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	2.2	5.7
64	1.3	1.0	5.4	.1	.0	.0	.0	.0	.0	.0	3.4	6.4	17.5
65	4.0	13.3	2.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	22.7
66	2.1	2.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	12.0	16.2
67	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.6	9.6
68	1.1	4.0	TRACE	TRACE	.0	.0	.0	.0	.0	.2	.1	2.0	7.3
69	1.1	8.0*	4.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	* 18.1
70	5.0	TRACE	5.5	7.0	.0	.0	.0	.0	.0	2.5	TRACE	TRACE	20.0
71	6.1	23.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	31.1
72	1.0	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.0	6.0	11.0
73	9.7	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	7.8	18.6
74	2.8	TRACE	3.0	1.7	.0	.0	.0	.0	.0*	.0	TRACE	2.0	* 9.5
75	3.2	7.0	8.0	.6	.0	.0	.0	.0	.0	.0	7.0	TRACE	25.2
76	3.0	1.0	.7	.0	.0	.0	.0	.0	.0	.2	2.4	TRACE	7.3
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

723566 SALINA MAP KS 45-49, 52-81
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
77	10.3	TRACE	.7	1.0	.2	.0	.0	.0	.2	.2	TRACE	TRACE	11.7
78	9.4	12.5	3.8	.1	.4	.0	.0	.0	.2	.2	1.0	5.1	32.5
79	32.7	3.0	3.2	TRACE	.3	.0	.0	.0	.2	TRACE	TRACE	2.0	41.2
80	2.3	20.1	6.7	.3	.3				.2	TRACE	.0	5.1	
81	2.0	3.0	TRACE	.3	.3	.0	.0	.0	.2	.2	TRACE	.4	5.4
MEAN	5.43	5.30	2.87	.44	TRACE	.00	.00	.00	.00	.08	1.16	3.49	12.21
S.D.	6.431	6.938	4.382	1.312	.000	.000	.000	.000	.000	.435	1.670	3.045	11.916
TOTAL OBS.	1054	958	1082	1020	1054	968	1019	1018	1020	1053	1082	1023	12351

NOTE * (BASED ON LESS THAN FULL MONTHS)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

723586 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)																PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 .00	1.00 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00								
SNOWFALL	NONE	TRACE	.01 .04	.05 .14	.15 .24	.25 .34	.35 .44	.45 .64	.65 1.04	1.05 1.54	1.55 2.54	2.55 5.04	OVER 5.04								
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120						MEAN	GREATEST	LEAST
JAN	67.6	11.2	9.0	3.8	3.1	6.3	3.6	.6									28.3	1139			
FEB	70.6	7.0	6.4	3.3	2.3	4.7	4.2	1.4									22.3	1039			
MAR	84.7	4.3	2.6	1.4	2.3	1.8	2.1	.7									11.0	1140			
APR	98.7	.5	.4	.2	.1	.1											.7	1109			
MAY	100.0																	1146			
JUN	100.0																	1078			
JUL	100.0																	1112			
AUG	100.0																	1080			
SEP	100.0																	1110			
OCT	99.9	.1		.1													.1	1146			
NOV	94.6	2.5	1.3	.4	.4	.8	.1										2.9	1117			
DEC	77.4	8.1	5.3	4.0	2.4	2.6	.5										14.9	1142			
ANNUAL	93.5	2.8	2.1	1.1	.9	1.5	.9	.2									6.7	13358			

USAFETAC FORM OCT 79 0.15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

7[illegible]4536 SALINA MAP KS 42-49, 52-61
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42													
43	3	TRACE	10	0	0	0	0	0	0	0	TRACE*		
44	3	1*	4	0	0	0	0	0	0	0	0		*
45	1	6	3	1	0	0	0	0	0	0	TRACE		
46	TRACE	0	0*	0	0	0	0	0	0	0	0		
47	7	TRACE	5	0	0*	0*	0*	0	0	0	0*		
48	11*	10	11	1*	0	0	0	0	0	0	4		
49	5	2	2	TRACE	0	0	0	0	0	0*	0		
52	3	1	6	0	0	0	0	0	0	0*	6		
53	1	TRACE	6	TRACE	0	0	0	0	0	0	0		
54	TRACE	TRACE	0	0	0	0	0	0	0	0	0	1	
55	4	8	3	1	0	0	0	0	0	0	1	TRACE	
56	1	12	2	2	0	0	0	0	0	0	1	TRACE	
57	TRACE	4	1	3	0	0	0	0	0	0	3		
58	3	4	7	0	0	0	0	0	0	0	3	1	
59	8	2	1	0	0	0	0	0	0	0	1		
60	3	17	18	0	0	0	0	0	0	0	TRACE	3	
61	1	5	1	TRACE	0	0	0	0	0	0	TRACE	4	
62	7	TRACE	1	0	0	0	0	0	0	0	TRACE		
63	4	TRACE	TRACE	0	0	0	0	0	0	0	0	1	
64	1	1	7	1	0	0	0	0	0	0	2	5	
65	4	7	1	1	0	0	0	0	0	0	0	0	
66	3	2	0	0	0	0	0	0	0	0	0	10	
67	11	1	0	0	0	0	0	0	0	0	0	0	
68	4	2	1	1	0	0	0	0	0	0	0	0	4
69	1	7	3	1	0	0	0	0	0	0	0	6	
70	5	3	2	4	0	0	0	0	0	0	0	0	
71	7	12	9	0	0	0	0	0	0	0	1	1	
72	1	1	0	1	0	0	0	0	0	0	2	5	
73	4	TRACE	0	TRACE	0	0	0	0	0	0	0	4	
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88 5 (OLA)

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

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

13986 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	6	TRACE	3	1	1	0	0	0	0*	0	TRACE	4	6
75	2	7	8	1	1	0	0	0	0	0	7	2	8
76	1	1	TRACE	0	1	0	0	0	0	0	1	TRACE	1
77	3	0	0	1	1	0	0	0	0	0	0	3	5
78	3	9	5	0	0	0	0	0	0	0	1	5	9
79	20	16	1	0	1	0	0	0	0	TRACE	TRACE	5	20
80	3	17	5	0	0				0	0	0	4	
81	1	3	1	1	0	0	0	0	0	0	0	TRACE	3
MEAN	4.3	4.1	3.1	.4	.3	.0	.0	.0	.0	.1	.9	2.7	7.2
S.D.	3.942	5.154	4.015	.899	.800	.000	.000	.000	.000	.333	1.652	2.674	4.543
TOTAL OBS.	1147	1043	1142	1179	1146	1078	1112	1083	1113	1146	1118	1143	13376

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

C

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

EXTREME VALUES

SURFACE WIND

FROM DAILY OBSERVATIONS

...45316 SALINA MAP KS 46-47, 56-6...
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	NW	52SW	49SSW	49WNW	50SSW	43SE	47WNW	52SSE	44N	41		* CALM	
47	NW	*42NNW	51W	35SE	*56N	43NNW	64NW	*41SSE	*48SSW	40S	42WNW	40W	36 NNW 64
56					S	*46NW	50SSE	49S	40S	52SW	66NNW	41SSW	3...
57	SSW	42S	33SSW	42SSE	46SSE	70WSW	54NW	*36N	35ESE	36N...	44N	*34N	46 SSE 70
58	NNW	32WNW	38ESE	32NW	43S	35S	65W	43WSW	36NNW	33SSE	35NNW	33N	37 S 65
59	NNW	36WNW	37N	49WSW	35E	39SSW	42S	42S	26S	31N...	43NNW	35SSW	36 N 49
60	WNW	38NNE	31N	41SSW	42S	55NNW	*35SSW	32NNW	46S	27N	29SW	37S	34 S 55
61	NNW	47NNE	30S	37S	42W	48NNW	49NNW	38NNW	35N	40S	*39WNW	*41SSW	*36 NNW 49
62	S	38S	42NW	41NNW	44W	52NNW	39SSW	65NNW	36N	*43N	*36SSW	36NNW	*33 SSW 65
63	N	38NNE	*41W	*48SSW	35S	*36N	57NW	*36S	*28N	*37S	*44N	*42NW	43 N 57
64	N	35S	46S	43W	55W	51W	42W	41N	36SSW	37S	36NW	36S	38 W 55
MEAN	39.3	39.5	41.5	45.3	46.2	50.9	45.3	41.0	37.2	42.1	37.1	36.8	54.5
S.D.	5.419	7.352	5.662	6.360	9.784	9.049	10.082	5.635	6.667	11.466	2.795	6.256	
TOTAL OBS.	352	332	336	325	348	320	312	329	314	295	283	325	3647

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88 5 (OLA)

§ (BASED ON LESS THAN FULL MONTHS AND *1... KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	JAN
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		1.7	2.5	2.6	1.8	.7	.4					9.7	13.0
NNE		.5	1.1	1.4	.2	.1						3.3	11.3
NE		.9	1.0	.7	.1							2.7	9.1
ENE		.2	1.1	.5								1.8	9.7
E	.2	1.3	.9	.9								3.0	8.3
ESE		.5	1.2	.5								2.2	8.9
SE	.4	.9	1.7	.4								3.3	7.4
SSE		2.7	1.1	.6	.2							4.7	7.1
S	.1	4.2	5.3	4.1	1.4	.5						15.5	10.2
SSW	.2	2.0	1.7	1.5								5.4	8.3
SW	.1	.6	2.1	.6								3.4	8.4
WSW	.1	1.2	.1	.1								1.6	5.9
W		2.2	2.7	1.2	.2							6.4	8.7
WNW		1.7	3.4	.7	.6	.1						6.6	9.5
NW	.2	1.4	3.8	2.8	1.0			.1				9.3	10.8
NNW	.1	1.7	2.6	2.1	1.7	.6						8.9	12.2
VARBL													
CALM												12.1	
	1.6	23.4	32.3	20.7	7.4	2.1	.4	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.6	2.4	2.9	2.8	.6	.1					10.6	12.9
NNE		.5	1.2	1.7	.2							3.6	10.7
NE	.2	.7	.7	1.3								3.0	9.3
ENE		.1	1.3	.2	.1							1.8	9.1
E		.9	1.1	.4								2.3	8.0
ESE	.1	1.0	1.5	.4								2.9	7.4
SE		1.5	.6	.5								2.6	6.9
SSE		2.8	1.1	.6	.1	.1						4.7	7.8
S	.1	4.0	4.4	4.7	1.7	.2	.1					15.3	10.7
SSW	.1	1.2	1.7	1.6								4.6	9.0
SW		.9	1.0	.4	.2							2.4	8.7
WSW		1.2	1.6									2.8	7.0
W		1.1	2.6	.9	.4							4.9	9.3
WNW		2.4	4.1	2.3	.6							9.5	9.4
NW		1.0	3.4	2.6	1.2	.2	.1					8.5	11.6
NNW	.1	1.6	2.7	2.1	1.0	.4	.5	.1				8.4	12.3
VARBL													
CALM												12.0	
	.9	22.4	31.3	22.5	8.4	1.6	.9	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	2.6	3.9	1.2	.7						10.5	11.9
NNE		.5	1.1	.7	.6							2.9	10.8
NE		.6	1.8	1.3								3.8	9.5
ENE		.6	.9									1.5	7.6
E		1.0	1.1	.4								2.4	7.7
ESE		.2	.7	.2								1.2	9.8
SE		2.1	1.5	.6								4.1	7.4
SSE		2.3	1.7	.4	.7							5.1	8.3
S	.2	4.3	4.1	4.3	1.3	.5	.1					14.8	10.5
SSW	.1	2.2	2.3	.4								5.0	7.4
SW	.1	1.5	.7	.2								2.6	6.8
WSW		1.1	1.5	.2								2.8	7.6
W		1.3	2.3	1.3	.2							5.2	9.2
WNW		1.8	5.2	2.1	.6							9.7	9.6
NW		1.1	2.3	3.0	1.1							7.5	11.2
NNW		1.5	2.8	2.3	1.7	.5	.1					8.9	12.4
VARBL													
CALM												11.9	
	.6	24.0	32.6	21.4	7.5	1.7	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	JAN
STATION	STATION NAME	YEARS	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		1.2	2.8	4.4	2.7	.2						11.4	12.8
NNE		.6	1.5	.9	.1							3.1	9.4
NE		1.6	.9	.6	.4							3.4	8.7
ENE	.1	.9	.7	.2								2.0	7.3
E		1.1	.9	.9								2.8	8.3
ESE		.5	.5	.9								1.8	9.5
SE		1.3	1.5	.7	.1							3.7	8.5
SSE	.2	.9	1.6	1.0	.5							4.2	9.7
S	.2	2.1	5.3	4.2	2.1	.4	.1	.1				14.4	11.6
SSW		1.3	3.5	1.1	.4							6.4	9.3
SW		.9	2.0	.5								3.3	7.9
WSW		1.0	1.1	.2								2.3	7.6
W		.9	1.5	1.2								3.5	9.1
WNW	.1	1.5	3.8	2.2	.5	.1						8.2	9.9
NW		2.0	3.7	3.3	1.7	.5						11.1	11.7
NNW		1.6	2.9	2.9	3.1	.9						11.4	13.2
VARBL													
CALM												7.1	
	.7	19.2	34.0	25.2	11.5	2.1	.1	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	4.1	3.6	3.5	.6						13.1	12.7
NNE		.5	.6	.9	.2							2.2	10.4
NE		.6	.9	.5								2.0	8.4
ENE		1.2	.6	.1	.1							2.1	6.9
E	.1	.7	1.0	.4								2.2	7.8
ESE		.7	1.1	1.2								3.1	9.6
SE		.5	1.1	.7	.1							2.5	9.8
SSE	.2	.7	1.2	1.2	.6							4.1	10.6
S		1.6	5.9	5.6	2.6	.4	.6					16.7	12.4
SSW	.1	1.1	1.9	1.7	.4							5.2	10.3
SW	.1	1.1	1.7	.6	.4	.2						4.2	9.4
WSW		1.0	1.4	.4	.2	.1						3.1	9.2
W	.1	.7	.7	1.1								2.7	8.9
WNW		1.0	2.7	2.0	1.7	.1						7.5	11.5
NW		1.1	3.1	3.8	2.7	.9						11.6	13.5
NNW		1.2	3.7	5.2	2.5	.5	.2					13.3	13.4
VARBL													
CALM												4.4	
	.7	15.3	31.7	29.0	15.1	2.8	.9					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		1.5	4.1	4.7	1.9	.1						12.3	11.8
NNE		.1	.4	.6	.2							1.3	12.5
NE		1.0	.7	.4	.4							2.4	8.8
ENE	.2	.7	1.5	.5	.2							3.1	8.6
E		1.8	1.9	.8								4.6	8.1
ESE		.5	1.2	.2								1.9	8.1
SE		.6	.6	.7	.2							2.2	9.8
SSE		1.0	3.3	1.9	.2							6.4	9.8
S	.2	1.8	4.4	5.7	1.9	.6						14.6	11.9
SSW	.2	.8	1.7	1.5	.2							4.5	9.7
SW		.6	1.6	1.1	.1	.1						3.5	10.6
WSW		1.0	1.6	.8	.4							3.8	9.5
W		1.5	1.6	.7	.1							3.9	8.5
WNW		1.8	2.4	2.1	1.1	.1						7.5	10.6
NW	.1	1.2	2.3	2.8	2.2	.4						9.0	12.6
NNW		1.1	3.5	6.3	2.4	.6						13.9	13.3
VARBL													
CALM												5.0	
	.8	16.9	32.7	30.9	11.7	1.9						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.6	3.4	3.8	1.1	.5						11.4	10.8
NNE		.2	1.2	1.6	.2							3.2	11.1
NE	.1	.9	1.6	.7								3.3	8.5
ENE	.1	1.2	1.5	.1								2.9	6.8
E		2.1	2.4	1.1								5.6	7.9
ESE		1.2	1.5	.1								2.8	7.3
SE		.6	1.2	1.0								2.8	9.4
SSE		1.6	3.3	1.3	.1							6.3	8.7
S		3.6	7.2	3.5	1.6	.1	.1					16.2	10.1
SSW	.1	1.6	2.2	.5								4.4	7.4
SW	.1	1.3	1.2	.5								3.2	7.6
WSW		1.6	1.2	.1	.1							3.0	7.1
W		1.7	2.7	.7	.2							5.3	8.3
WNW	.1	1.2	2.6	.5		.1						4.5	8.4
NW		1.7	2.8	1.9	.7	.1						7.3	10.3
NNW		1.2	2.7	3.2	1.3	.4						8.7	11.8
VARBL													
CALM												9.0	
	.7	24.3	38.5	20.7	5.5	1.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.6	3.4	2.2	1.5	.2						9.1	11.2
NNE		.4	1.5	2.0	.9							4.7	12.3
NE		.6	2.2	.4	.1							3.3	8.4
ENE		.5	.7	.4								1.6	8.3
E		1.1	1.6	.7								3.4	7.9
ESE		.6	1.6	1.1								3.3	9.1
SE		.7	1.6	.1								2.5	7.4
SSE		2.3	2.1	.6	.2							5.3	8.0
S	.1	3.9	5.3	4.7	1.6	.1						15.7	10.1
SSW		3.3	2.7	1.3	.4							7.7	8.0
SW	.1	2.2	2.1	.2								4.7	6.7
WSW	.1	1.5	.6	.4	.2							2.8	8.0
W		1.6	2.8	1.5	.2							6.1	8.9
WNW	.1	1.6	3.7	1.1		.2						6.7	9.1
NW		1.2	2.6	1.7	1.0							6.5	10.6
NNW		2.1	1.5	1.8	1.0	.4	.2					7.0	12.1
VARBL													
CALM												9.7	
	.6	25.2	35.9	20.2	7.1	1.0	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	3.2	3.5	2.1	.5	.1					11.0	12.1
NNE		.4	1.1	1.2	.4	.0						3.1	11.1
NE	.0	.9	1.2	.7	.1							3.0	8.9
ENE	.1	.7	1.0	.3	.1							2.1	8.0
E	.0	1.2	1.4	.7								3.3	8.0
ESE	.0	.7	1.2	.6								2.4	8.6
SE	.0	1.0	1.2	.6	.1							2.9	8.2
SSE	.1	1.8	1.9	1.0	.4	.0						5.1	8.7
S	.1	3.2	5.2	4.6	1.8	.4	.1	.0				15.4	10.9
SSW	.1	1.7	2.2	1.2	.2							5.4	8.7
SW	.1	1.1	1.5	.5	.1	.0						3.4	8.3
WSW	.0	1.2	1.1	.3	.1	.0						2.8	7.9
W	.0	1.4	2.1	1.1	.2							4.8	8.9
WNW	.0	1.6	3.5	1.6	.6	.1						7.5	9.8
NW	.0	1.3	3.0	2.7	1.5	.3	.0	.0				8.9	11.7
NNW	.0	1.5	2.8	3.2	1.8	.5	.1	.0				10.1	12.7
VARBL													
CALM												8.9	
	.8	21.3	33.6	23.8	9.3	1.8	.4	.0				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 6551

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	FEB
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		2.7	3.3	3.2	1.2	.5						10.9	10.8
NNE		.4	1.9	1.2		.1						3.6	10.1
NE		1.3	.8	1.7	.8							4.6	11.1
ENE		.4	1.2	.8								2.4	9.1
E	.1	1.1	2.0	.9								4.1	8.7
ESE		.8	1.5		.1							2.4	7.8
SE		1.2	1.3	.8	.4							3.7	9.4
SSE	.1	2.0	1.6	1.6	.1							5.4	8.8
S		3.1	6.4	7.3	2.0							18.7	11.1
SSW		.7	2.0	1.5	.3							4.4	10.1
SW		.5	1.9	.7								3.1	8.6
WSW	.1	.3	.9	.1	.1							1.6	8.0
W	.1	2.4	1.1	.8	.3							4.6	7.7
WNW	.1	1.6	2.7	2.4	.1							6.9	9.1
NW		1.7	2.4	2.3	.9	.5						7.8	11.5
NNW		.9	.8	2.4	1.9	.4	.1					6.5	14.2
VARBL													
CALM												9.3	
	.7	21.0	31.6	27.6	8.2	1.6	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 754

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	3.3	3.8	1.5	.5	.3					11.4	12.2
NNE		.1	1.5	1.2	.5							3.3	11.8
NE		.7	1.6	1.1	.3							3.6	9.8
ENE		.9	1.1	.3	.1	.3						2.7	9.6
E		1.6	1.3	.9								3.8	8.1
ESE		.9	.9	.4								2.3	7.8
SE	.1	.7	1.6	1.5	.1							4.0	9.8
SSE	.1	2.7	1.6	.9								5.3	7.4
S		2.7	7.0	6.4	1.3	.1						17.5	10.8
SSW	.1	1.6	1.1	1.3								4.1	8.5
SW		.8	.7	.1	.4							2.0	10.3
WSW		1.1	1.3	.1								2.5	7.1
W		2.0	1.6	1.5	.4							5.4	9.4
WNW	.1	1.6	3.2	2.4	.3							7.6	9.4
NW		.8	1.9	2.9	1.3	.3						7.2	12.4
NNW		1.6	1.7	2.5	1.6	.5	.1					8.1	12.9
VARBL													
CALM												9.3	
	.7	21.5	31.3	27.3	7.8	1.7	.4					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 754

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	2.6	2.6	2.0	.9	.4					10.4	13.1
NNE	.1	.8	1.8	1.1	.5							4.3	10.0
NE		.5	1.2	.5	.8							3.1	11.3
ENE	.1	.5	1.3	.1	.1							2.3	8.0
E		.9	1.2	1.2								3.4	9.0
ESE		.9	.9	.3	.1							2.3	8.1
SE		.8	1.2	1.5	.1							3.6	10.3
SSE	.1	1.9	1.8	.9	.1							4.9	7.9
S		2.8	6.7	4.5	1.8	.3						16.1	10.6
SSW		1.6	1.5	.9								4.0	8.1
SW		.7	1.2	.3	.4							2.6	9.5
WSW		1.1	.8	.1								2.0	7.0
W	.3	1.8	1.2	1.3	.4							5.0	9.1
WNW		3.4	2.6	1.9	.7	.1						8.6	9.6
NW	.1	1.2	2.0	2.4	.9							6.7	11.0
NNW		1.6	2.0	3.6	2.4	.4	.1					10.3	12.9
VARBL													
CALM												10.4	
	.8	22.5	30.1	23.3	10.5	1.8	.5					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	FEB
STATION	STATION NAME	YEARS	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		1.1	4.0	4.7	2.8	.5	.3					13.4	13.1
NNE	.3	.3	.7	1.9	.5							3.6	11.9
NE		.7	1.3	.8	.4	.3						3.5	11.0
ENE		.7	1.1	.4								2.1	8.5
E		.3	.8	1.5	.4							2.9	11.6
ESE		.8	.7	.3								1.7	7.8
SE		1.1	1.3	.7	.5							3.6	10.0
SSE		.7	1.1	1.1	.7							3.5	11.2
S	.1	2.0	3.6	7.6	2.3	.8						16.5	12.6
SSW		1.6	2.8	2.0	.7							7.1	9.9
SW		1.7	1.5	1.1	.1							4.4	8.7
WSW	.1	.7	.4	.4	.4							2.0	9.9
W		1.2	1.5	.9	.1	.7						4.4	10.8
WNW		1.9	1.9	2.5	.4							6.7	10.0
NW		1.1	1.9	4.0	2.8	.1						9.9	13.4
NNW	.1	.1	1.6	3.6	2.3	.8	.1					8.7	15.1
VARBL													
CALM												5.8	
	.7	15.8	26.1	33.5	14.5	3.2	.4					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	3.6	5.7	3.2	.7	.4					15.2	13.6
NNE		.5	.9	.8	.7	.1						3.1	12.1
NE			1.3	.4	.5	.3						2.5	12.7
ENE		.3	.8	.5	.4							2.0	10.9
E		.5	1.3	1.1	.1							3.1	10.2
ESE		.3	.9	.3	.1							1.6	10.2
SE		.5	.8	.1	.3							1.7	9.2
SSE		.4	.7	1.7	.9	.1						3.9	12.8
S		1.3	4.0	5.2	5.5	.4						16.4	13.5
SSW		.3	1.9	2.1	.8	.3						5.3	12.6
SW		1.1	1.3	1.3	1.2	.1						5.1	11.8
WSW		.7	2.4	1.2		.1						4.4	9.8
W		1.2	1.2	1.2			.1					3.7	9.3
WNW		2.1	1.7	2.8	.5	.4	.1					7.7	11.1
NW		.7	2.1	2.9	1.7	.7						8.1	13.8
NNW		.5	2.3	5.2	2.9	1.7	.3					12.9	15.2
VARBL													
CALM												3.5	
		12.0	27.3	32.6	18.9	4.9	.9					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	3.5	6.3	2.8	.9	.3	.1				14.6	14.0
NNE		.3	.5	1.1	.5							2.4	12.7
NE		.1	1.2	1.1	.4							2.8	12.0
ENE		.7	.7	.7	.1							2.1	9.2
E		.8	2.0	1.2								4.0	9.4
ESE		.3	1.1	.3	.3							1.9	10.6
SE		1.1	.9	.1								2.1	7.4
SSE		.1	1.7	1.9		.1						3.9	11.0
S		.4	4.6	6.6	4.4	1.1						17.0	14.2
SSW		.4	1.7	2.0	.8		.1					5.1	12.3
SW	.1	.7	1.9	1.5	.5							4.7	10.5
WSW	.1	.5	1.5	.9	.4	.1						3.6	10.4
W		.9	1.1	.9	.1							3.1	9.5
WNW		1.6	1.7	1.9	1.2	.7	.1					7.2	12.6
NW	.1	.9	2.8	2.3	2.0	.7						8.8	12.7
NNW	.1	.8	4.0	3.3	3.7	1.3	.1					13.5	14.1
VARBL													
CALM												3.1	
	.5	10.3	30.9	32.0	17.4	5.0	.7	.1				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.5	4.3	5.5	2.2	.3						15.8	11.2
NNE		.7	1.2	1.1	.5							3.5	10.5
NE		1.2	1.6	1.1								3.9	8.9
ENE		1.5	1.2	.9	.1							3.8	8.6
E		.8	1.8	.9	.1							3.6	8.7
ESE		1.1	2.2	.3	.1							3.6	8.0
SE		1.1	1.8	.7								3.5	8.0
SSE		.8	4.0	1.5	.4							6.7	9.6
S		1.6	8.4	5.0	1.9	.5						17.4	11.3
SSW		1.3	1.6	1.1								4.0	8.5
SW		.8	.7	.1	.1							1.8	7.6
WSW		1.1	.4									1.5	5.4
W	.3	2.0	1.9	.3								4.5	6.6
WNW		1.6	.8	.5	.5							3.5	8.9
NW		1.2	2.4	1.9	1.3	.3						7.2	11.7
NNW		2.0	1.2	2.7	1.9	.5	.1					8.5	13.0
VARBL													
CALM												7.2	
	.3	22.4	35.5	23.6	9.3	1.6	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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	.1	1.1	3.0	4.2	1.7	.1						10.2	12.1
NNE		.7	2.6	2.1	.8							6.2	11.1
NE		.9	1.9	1.3		.1						4.3	9.4
ENE		.7	1.7	.5	.3							3.2	9.6
E		.7	2.4	1.3								4.4	9.3
ESE		.5	1.5	.7	.1							2.8	9.0
SE		.9	1.2	.9								3.1	8.8
SSE		1.3	3.0	1.2	.1							5.6	8.5
S		1.9	7.2	7.5	2.3	.3						19.2	11.5
SSW		.8	2.6	.8	.3	.1						4.6	9.5
SW		1.3	2.3	.1								3.8	7.6
WSW	.1	.7	.4	.1								1.3	6.7
W	.3	2.7	1.9	.8	.3							5.9	8.0
WNW		2.0	1.5	.9	.4							4.8	8.8
NW		.9	1.3	1.9	1.2							5.4	12.5
NNW		.5	1.5	2.3	.5	.3						5.1	12.5
VARBL													
CALM												10.1	
	.5	17.7	35.8	26.8	8.1	.9						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.8	3.4	4.5	2.2	.6	.2	.0				12.7	12.5
NNE	.1	.5	1.4	1.3	.5	.0						3.7	11.2
NE		.7	1.4	1.0	.4	.1						3.5	10.6
ENE	.0	.7	1.1	.5	.2	.0						2.6	9.1
E	.0	.8	1.6	1.1	.1							3.7	9.3
ESE		.7	1.2	.3	.1							2.3	8.5
SE	.0	.9	1.3	.8	.2							3.2	9.2
SSE	.1	1.2	1.9	1.4	.3	.0						4.9	9.4
S	.0	2.0	6.0	6.3	2.7	.4						17.3	11.9
SSW	.0	1.0	1.9	1.5	.4	.1	.0					4.8	10.1
SW	.0	1.0	1.4	.7	.4	.0						3.4	9.5
WSW	.1	.8	1.0	.4	.1	.0						2.4	8.6
W	.1	1.8	1.4	1.0	.2	.1	.0					4.6	8.7
WNW	.0	2.0	2.0	1.9	.5	.2	.0					6.6	10.1
NW	.0	1.1	2.1	2.6	1.5	.3						7.6	12.4
NNW	.0	1.0	1.9	3.2	2.2	.8	.1					9.2	13.9
VARBL													
CALM												7.3	
	.5	17.9	31.1	28.4	11.8	2.6	.4	.0				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 5980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	2.0	2.1	2.2	.5	.1					7.8	14.0
NNE		.4	1.0	.9	.4	.1						2.7	12.1
NE		.7	1.6	1.5	.4							4.2	10.6
ENE		1.0	2.2	1.7								4.9	9.3
E	.1	1.6	1.2	.6	.2							3.8	8.1
ESE		.7	1.6	1.2	.5	.1						4.2	11.4
SE		1.3	2.2	1.6	1.1							6.2	10.9
SSE	.1	1.8	2.6	2.0	.6	.1						7.2	10.2
S		2.2	4.2	6.6	4.8	.7	.4					18.9	13.4
SSW		.5	1.8	1.0	.1	.1	.1					3.7	11.1
SW	.1	1.1	.6	.9								2.7	8.6
WSW		.4	.2	.1	.2							1.0	10.4
W		1.1	2.3	.4	.1	.2	.1					4.3	9.5
WNW		1.8	2.1	1.0	.1	.2						5.3	9.1
NW		1.1	1.2	2.2	1.2	.1						5.9	12.1
NNW		1.3	1.6	2.2	1.3	.4						6.9	12.1
VARBL													
CALM												10.4	
	.4	18.1	28.4	25.9	13.4	2.7	.7					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	MAP
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		1.2	2.3	3.5	1.8	.6						9.5	13.0
NNE		.4	1.0	.5	.1	.1						2.1	10.4
NE		.6	1.2	1.1	.5							3.4	10.8
ENE		.7	2.6	.5								3.8	8.6
E		.9	1.8	1.3	.4							4.4	10.4
ESE	.1	.9	1.8	1.1	.4	.2						4.5	10.4
SE	.2	1.2	2.2	1.3	.1							5.1	9.0
SSE	.1	1.5	2.2	1.8	1.0	.1						6.7	10.8
S		3.1	2.7	6.3	4.8	.5						17.3	13.1
SSW		.9	1.3	.9	.2	.1						3.4	9.9
SW	.1	.6	.7	.1	.2	.1						2.0	9.4
WSW		.7	.9	.7	.5							2.8	10.7
W		1.2	2.0	.7	.2							4.2	8.8
WNW		1.2	1.7	1.6	.4	.2	.2	.1				5.5	12.1
NW		1.1	1.8	2.1	1.7	.1						6.8	12.2
NNW		.7	1.8	2.0	.9	.4						5.7	12.2
VARBL													
CALM												12.7	
	.6	16.8	28.1	25.6	13.2	2.6	.2	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	2.4	3.8	2.6	.7						10.8	13.3
NNE			1.1	.6	.1							1.8	11.2
NE		.4	1.6	1.0	.1							3.0	10.1
ENE		.6	1.9	.9	.2							3.7	9.5
E		1.2	1.7	.9	.2							4.0	9.2
ESE		.6	1.3	1.3	.2							3.5	10.8
SE	.1	1.6	1.7	1.1	.7							5.2	9.6
SSE		2.7	2.3	1.8	.9	.2	.1					8.0	10.5
S	.1	3.2	3.0	5.2	3.5	.5						15.6	12.3
SSW		1.0	.7	1.3	.4							3.4	10.6
SW	.1	.7	.2	.9		.1						2.1	9.8
WSW	.1	.5	1.1	.5								2.2	9.2
W		1.5	1.5	1.3	.6							4.9	10.4
WNW		2.1	2.1	1.6	.7	.2						6.7	10.4
NW	.1	.9	2.6	1.5	1.5		.4					6.8	12.2
NNW		.7	1.7	1.8	1.5	.2						6.0	12.6
VARBL													
CALM												12.2	
	.6	18.9	27.0	25.5	13.3	2.1	.5					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			2.1	7.1	3.9	.7						13.8	14.8
NNE		.4	.4	.8	.6							2.2	12.6
NE		.4	1.7	.6	.2	.1						3.0	10.9
ENE		.5	.7	1.7	.2							3.1	11.2
E		.4	2.8	1.2	.2							4.6	9.9
ESE		.4	1.0	1.1	.5							2.9	11.6
SE		.2	1.7	1.3	.6	.4						4.2	12.6
SSE	.1	1.2	1.7	2.7	1.1	.2	.1					7.1	12.2
S		.8	3.0	4.8	4.8	1.3						14.9	14.9
SSW		.7	1.5	2.2	1.5	.2						6.1	13.2
SW		.8	.6	1.5	.5	.2						3.6	11.8
WSW		.7	.8	.5	.4		.1					2.5	11.1
W		.2	.7	1.3	.5	.2						3.0	13.4
WNW	.1	1.0	1.6	.7	1.5	.4						5.2	12.3
NW	.1	.7	2.1	2.7	1.0	.6						7.1	12.6
NNW		.5	1.5	4.4	2.3	.6						9.2	14.2
VARBL													
CALM												7.3	
	.4	9.0	23.7	34.6	19.7	5.1	.2					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		.7	2.3	5.2	3.5	.6						12.4	13.9
NNE	.1	1.0	.4	1.8	.8	.1						4.2	11.9
NE	.1	.6	.6	1.7	.1							3.2	10.5
ENE		.5	.7	1.8	.2							3.3	11.3
E		.6	1.7	1.0	.5							3.8	10.5
ESE		.5	.5	1.5	.5							2.9	11.7
SE		.5	.5	1.8	.8	.1	.1					3.9	13.5
SSE		.2	1.1	2.1	2.4	.8						6.7	15.4
S		1.2	2.4	5.7	5.5	1.8	.2					16.9	15.3
SSW		.5	1.1	2.3	1.9	.6						6.4	14.6
SW		.7	1.1	.7	.6	.5						3.6	12.6
WSW		.2	1.1	1.1	.6	.1	.1					3.3	13.3
W		.7	.7	1.1	.6	.4	.1					3.6	13.3
WNW	.1	.8	1.3	1.2	.6	.6	.1					4.9	12.3
NW	.1	.6	1.1	1.2	1.7	.4	.1					5.2	14.3
NNW		.5	2.3	5.1	3.3	1.1						12.3	14.7
VARBL													
CALM												3.5	
	.5	10.0	18.9	35.3	23.8	7.2	.8					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 824

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)

724086 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	4.4	4.3	2.8	.6						12.7	13.3
NNE		.5	1.5	1.8	.6	.2						4.6	12.2
NE		.4	1.0	1.1	.7	.1						3.3	12.6
ENE		1.3	.9	1.3	.4							3.9	10.1
E		.5	1.1	1.3								2.9	9.8
ESE		.2	.6	1.0	1.3							3.2	14.0
SE		.2	1.9	2.1	.6	.1						5.0	11.8
SSE	.2	.9	1.1	1.9	2.1	.5						6.7	13.4
S	.1	.7	2.9	6.0	5.4	1.9						17.0	15.3
SSW		.2	1.0	1.7	1.1	.5						4.5	14.8
SW		.4	.6	1.0	.7	.2						2.9	13.3
WSW		.5	.7	1.1	.7	.4						3.4	13.4
W	.1	.5	.9	.6	.6	1.0						3.6	14.6
WNW		.5	.9	1.5	1.1	.4	.1					4.4	14.5
NW	.1	.2	1.6	2.4	1.8	.1	.1					7.4	15.1
NNW		.6	1.3	4.6	2.8	.7	.2					10.3	14.8
VARBL													
CALM												4.1	
	.6	8.3	22.3	33.7	22.7	7.8	.5					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.7	4.3	3.8	1.6	.4						12.9	11.1
NNE	.1	.1	1.9	1.7	1.0	.4						5.2	13.0
NE		1.7	2.7	2.0	.6							7.0	9.8
ENE		.7	1.2	1.1	.1							3.2	9.8
E		1.5	1.4	1.4	.2							4.4	9.3
ESE		.5	1.5	1.1	.2							3.3	9.8
SE		.9	3.0	2.0	.7	.1						6.7	11.3
SSE	.1	.9	4.0	2.3	.4	.5						8.2	10.8
S	.1	1.9	4.8	4.9	3.2	.4	.1					15.5	12.2
SSW		.2	.6	.6	.1							1.6	10.4
SW		.4	1.6									2.0	7.8
WSW		.9	1.0	.1	.1							2.1	8.2
W		.5	.9	.7	.5	.2						2.8	12.5
WNW		.6	.7	1.1	.7	.1	.1					3.5	13.4
NW	.1	1.0	2.3	1.6	1.2	.2						6.6	11.7
NNW		1.0	2.1	3.3	2.3	.1						8.9	13.0
VARBL													
CALM												6.2	
	.5	15.5	34.0	27.9	13.2	2.5	.2					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 809

USAFF AL 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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	2.2	2.8	1.9							8.9	11.7
NNE	.2	.7	1.2	1.3	.5	.1						4.1	10.9
NE		1.3	1.3	1.9	.6	.1						5.4	10.7
ENE		1.2	1.5	1.8	.5							5.0	10.5
E	.1	1.0	1.8	1.3	.6							4.9	10.4
ESE		.9	1.1	1.1	.9							3.9	11.5
SE	.4	1.8	1.5	2.8	.6	.2						7.3	10.7
SSE	.1	1.5	2.4	2.1	1.3	.1						7.5	11.3
S		1.2	5.0	6.4	3.4	1.0						17.0	13.0
SSW	.1	.6	1.9	.2								2.9	7.5
SW		.7	1.8	.4	.1							3.0	8.5
WSW		1.0	.4	.1								1.5	6.7
W	.1	1.8	2.2	.2	.4							4.7	8.1
WNW		1.2	1.7	.6	1.0	.1						4.6	10.8
NW	.2	.9	1.3	2.2	.5	.1						5.2	11.1
NNW	.1	.9	1.8	2.3	1.3	.1	.1					6.7	12.6
VARBL													
CALM												7.3	
	1.5	18.6	29.2	27.7	13.6	1.9	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	2.7	4.1	2.5	.5	.0					11.1	13.2
NNE	.1	.4	1.0	1.2	.5	.1						3.4	11.9
NE	.0	.8	1.5	1.4	.4	.0						4.1	10.6
ENE		.8	1.5	1.4	.2							3.9	10.0
E	.0	.9	1.7	1.1	.3							4.1	9.7
ESE	.0	.6	1.2	1.2	.6	.0						3.6	11.3
SE	.1	1.0	1.8	1.8	.7	.1	.0					5.5	11.0
SSE	.1	1.3	2.2	2.1	1.2	.3	.0					7.3	11.8
S	.0	1.8	3.5	5.8	4.4	1.0	.1					16.6	13.7
SSW	.0	.6	1.3	1.3	.7	.2	.0					4.0	12.2
SW	.0	.7	.9	.7	.3	.2						2.7	10.5
WSW	.0	.6	.8	.5	.3	.1	.0					2.3	10.9
W	.0	.9	1.4	.8	.4	.3	.0					3.9	11.0
WNW	.0	1.2	1.5	1.2	.8	.3	.1	.0				5.0	11.7
NW	.1	.8	1.8	2.0	1.3	.3	.1					6.4	12.7
NNW	.0	.8	1.8	3.2	2.0	.5	.0					8.2	13.5
VARBL													
CALM												8.0	
	.6	14.4	26.4	29.5	16.6	4.0	.4	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 6559

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	2.0	1.8	.1	.3						5.2	10.6
NNE	.1		1.1	1.0	.3							2.5	11.2
NE		.3	.8	1.6	.3							2.9	11.9
ENE		.9	1.5	.6								3.0	8.3
E		2.0	2.1	.9	.5							5.5	8.8
ESE		.5	1.4	1.9	.8	.1						4.6	11.9
SE		1.5	2.3	2.3	.6							6.7	10.5
SSE		1.8	3.5	2.9	.6	.1						8.9	10.0
S	.1	1.9	6.8	6.9	3.9	.6						20.2	12.4
SSW	.1	1.8	2.1	1.0	.5							5.5	9.2
SW		.3	1.1	.5	.3							2.1	10.9
WSW		1.0	.4	.8	.3	.1						2.5	10.3
W		1.4	3.4	1.5	.4							6.7	9.5
WNW		1.1	1.9	2.1	.5							5.7	10.8
NW	.1	.5	2.5	1.8	.4	.1						5.4	10.8
NNW	.1	1.5	.8	2.0	.4	.1						4.9	10.4
VARBL													
CALM												7.7	
	.8	17.2	33.7	29.5	9.7	1.5						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	2.0	1.7	.4							5.7	9.7
NNE	.1	.4	.8	.8	.4							2.4	10.3
NE		.6	.4	1.5	.3							2.8	11.1
ENE		1.0	1.3	1.1								3.4	9.0
E	.3	1.4	1.0	1.8	.1							4.6	9.0
ESE	.1	1.0	2.3	1.5	.4	.1						5.5	9.9
SE	.3	1.9	2.2	.5	.5	.1						5.5	8.8
SSE		1.9	3.6	2.2	.4							8.0	9.6
S	.1	2.4	5.2	7.4	3.6	.6						19.3	12.4
SSW		1.1	1.3	1.3	.5							4.2	10.1
SW		.8	.6	.5	.3							2.2	9.0
WSW		.4	.5	.4	.3							1.5	10.6
W	.1	1.1	1.8	2.0	.3	.3						5.6	10.3
WNW		1.3	2.8	1.9	.5	.1						6.6	10.2
NW		1.9	2.9	2.8	.3							7.9	9.7
NNW		1.4	1.1	3.0	.5							6.1	10.9
VARBL													
CALM												8.8	
	1.0	20.3	29.7	30.4	8.5	1.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.9	2.4	.9							6.7	10.9
NNE		.3	1.1	1.4	.3		.1					3.2	12.1
NE		1.0	1.4	.8	.4							3.5	9.6
ENE		.9	1.5	.8	.1							3.3	9.0
E	.1	1.9	1.3	1.4	.1	.1						4.9	9.0
ESE		.8	1.0	1.9	.1							3.8	10.9
SE	.3	1.8	2.4	2.0	.6							7.1	9.8
SSE	.1	.9	2.2	2.4	1.0	.4						7.0	11.8
S	.1	1.1	3.9	7.6	3.7	.6						17.1	13.4
SSW		1.0	1.5	1.8	.1							4.4	10.0
SW		1.1	.8	.6	.1							2.7	8.7
WSW		.4	.3	.3	.3							1.1	10.8
W	.1	1.1	.8	1.4	.6							4.1	10.8
WNW		1.8	3.0	1.4	.9	.4						7.5	10.8
NW		1.1	2.3	2.5	.8							6.7	10.9
NNW		1.5	2.7	2.8	1.1	.4						8.5	11.5
VARBL													
CALM												8.5	
	.9	18.1	28.0	31.4	11.1	1.9	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 790

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)

724586	SALINA MAP KS	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	3.6	4.1	2.9	.1						12.2	12.4
NNE		.4	1.0	1.1	1.0							3.6	12.4
NE		.5	1.5	1.4	.1							3.6	10.4
ENE		.4	1.0	1.8	.3							3.4	11.0
E		.5	1.8	1.5	.5							4.3	11.0
ESE		.6	1.8	1.7	.4							4.5	10.8
SE	.1	.3	1.1	2.7	1.0	.3						5.5	13.3
SSE		.4	1.5	2.5	1.5	.3	.1					6.4	14.0
S	.1	.8	3.2	6.2	7.6	1.8	.4					20.1	15.6
SSW		.4	.8	2.8	1.8							5.7	14.0
SW	.3	.4	.6	1.4	.1							2.8	10.6
WSW		.3	.9	1.0	.4							2.5	12.0
W		.4	1.0	1.1	.5	.1						3.2	12.6
WNW		.5	.9	1.3	1.0	.5						4.2	13.8
NW		.5	1.4	2.3	.9	.8	.3					6.1	14.5
NNW		.5	2.0	4.3	2.3	.6	.1					9.9	14.1
VARBL													
CALM												1.9	
	.5	8.3	24.2	37.3	22.4	4.5	.9					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		1.1	1.8	3.9	3.7	.6						11.1	14.2
NNE	.1	.4	1.1	2.1	.8							4.6	11.8
NE	.1	.5	.4	1.5	.6							3.2	12.0
ENE		.4	.5	1.6	.1							2.7	11.8
E		.5	2.1	1.6	.9	.1						5.3	11.9
ESE	.1	.4	.8	.9	.4							2.5	11.0
SE		.3	1.1	3.4	.3							5.1	12.7
SSE	.1	.5	1.5	2.8	2.4	.8						8.1	14.7
S	.1	.6	2.5	6.7	8.2	2.4	.1					20.7	16.0
SSW		.1	1.3	3.0	1.4	.4						6.2	14.4
SW		.1	.4	1.3	.3							2.0	13.1
WSW		.3	.1	.8	.4							1.5	13.1
W		.6	.4	.5	1.4	.1						3.0	14.1
WNW	.3	.4	1.0	.9	.9	.5	.1					4.0	13.9
NW	.1	.5	1.4	3.2	1.4	.6	.3					7.5	14.6
NNW	.1	1.3	1.9	2.9	2.9	.9	.1					10.1	14.2
VARBL													
CALM												2.4	
	1.1	8.0	18.3	37.2	25.9	6.4	.6					100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 791

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.7	5.6	3.2	.3						11.8	13.5
NNE		.1	1.0	1.3	.3							2.7	11.7
NE	.1	.3	1.3	2.4	.5	.1						4.7	11.8
ENE		.5	.9	1.0	.5							2.9	11.5
E		.3	1.3	2.2	.8	.3						4.7	12.9
ESE		.4	1.0	.9	.1							2.4	10.0
SE	.1	.5	1.4	1.7	.4	.3						4.4	12.1
SSE	.1	.4	.6	2.9	3.2	.6						[illegible].9	15.6
S		.5	1.9	9.2	9.1	1.7	.1					[illegible].6	16.1
SSW		.1	.8	2.1	2.3	.4	.1					[illegible].8	15.5
SW			.6	1.2	.1							1.9	11.5
WSW			.1	.1	.3							.5	14.5
W		.5	.6	.6	.9							2.7	12.3
WNW		1.2	1.3	2.2	.3	.3						5.1	11.3
NW		.6	1.3	2.8	1.9	.9						7.6	14.4
NNW		1.2	1.8	1.7	2.6	.8						7.9	13.9
VARBL													
CALM												4.2	
	.4	7.6	17.7	37.9	26.4	5.5	.3					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	3.7	2.8	.8	.4						9.6	10.9
NNE		.6	1.9	1.3	.9	.1						4.9	11.6
NE		.4	1.5	1.2	.3							3.3	10.6
ENE		.9	2.3	1.3	.1							4.6	9.4
E		1.2	2.7	1.8	.4							6.0	9.8
ESE		1.4	1.8	1.5	.1							4.9	9.3
SE		.6	1.7	1.7	.9	.1						5.0	11.7
SSE		1.0	3.7	3.2	2.7		.1					10.8	12.4
S		1.2	5.6	8.6	4.4	.5						20.2	13.0
SSW		.3	1.2	.6	.8							2.8	12.2
SW		.1	.5	.4	.3							1.3	11.8
WSW		.6	.5		.1							1.3	7.0
W		1.0	1.2	.4								2.6	7.6
WNW	.1	.8	1.9	1.5	.5							4.9	10.8
NW	.1	1.0	1.9	.9	1.3	.4						5.6	11.9
NNW		1.8	2.2	2.4	1.2	.3						7.8	11.4
VARBL													
CALM												4.5	
	.3	14.9	34.3	29.6	14.6	1.8	.1					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 781

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	3.0	1.5	.6							6.7	9.9
NNE		.1	.5	.6								1.3	10.9
NE	.1	.5	.8	2.3								3.7	10.9
ENE		.8	1.0	1.1	.1							3.0	9.5
E		2.4	4.2	1.6	.3							8.4	8.6
ESE		1.1	3.9	1.5	.3							6.8	9.2
SE		1.9	2.6	2.6	.6	.1	.1					8.1	10.6
SSE		1.4	3.3	3.8	1.1							9.6	11.0
S		1.8	6.9	6.0	4.7							19.4	12.2
SSW		.8	2.1	.8	.3							3.9	9.4
SW		1.0	1.3	.5								2.8	7.9
WSW		.8	1.3	.4	.1							2.5	9.0
W	.1	1.4	2.1	.8								4.4	8.1
WNW	.1	1.1	2.1	1.4	.4		.1					5.3	9.9
NW	.1	1.1	1.1	.6	1.0	.6						4.7	12.3
NNW		1.0	1.6	.8	.8		.1					4.3	11.3
VARBL													
CALM												5.3	
	.5	18.6	37.9	26.3	10.2	.8	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.4	2.5	3.0	1.6	.2						8.6	11.9
NNE	.0	.3	1.1	1.2	.5	.0	.0					3.1	11.6
NE	.0	.5	1.0	1.6	.3	.0						3.5	11.0
ENE		.7	1.3	1.2	.2							3.3	9.9
E	.0	1.3	2.1	1.6	.4	.1						5.5	10.0
ESE	.0	.8	1.7	1.5	.3	.0						4.4	10.3
SE	.1	1.1	1.9	2.1	.6	.1	.0					5.9	11.1
SSE	.0	1.0	2.5	2.8	1.6	.3	.0					8.3	12.3
S	.1	1.3	4.5	7.3	5.6	1.0	.1					20.0	13.9
SSW	.0	.7	1.4	1.7	1.0	.1	.0					4.8	12.1
SW	.0	.5	.7	.8	.2							2.2	10.2
WSW		.5	.5	.5	.3	.0						1.7	10.6
W	.0	1.0	1.4	1.0	.5	.1						4.0	10.4
WNW	.1	1.0	1.9	1.6	.6	.2	.0					5.4	11.2
NW	.1	.9	1.9	2.1	1.0	.4	.1					6.4	12.4
NNW	.0	1.3	1.8	2.5	1.5	.4	.0					7.4	12.5
VARBL													
CALM												5.4	
	.7	14.1	28.0	32.4	16.1	3.0	.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 6304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	3.1	.8	.8							5.8	9.7
NNE		.3	.8	.9								1.9	10.1
NE		1.3	1.5	.6	.1							3.6	8.5
ENE		.6	1.5	.4		.1						2.7	8.8
E		2.2	3.2	1.7	.3							7.3	8.7
ESE		1.4	3.0	1.2	.1							5.7	8.7
SE	.1	1.3	2.1	.5	.3							4.3	8.7
SSE	.3	2.2	2.8	2.3	.4							8.0	9.3
S		5.0	8.0	4.6	4.0	.5						22.2	11.0
SSW		1.9	2.6	.5								5.0	7.0
SW		1.5	1.2	.8	.1	.1						3.7	9.1
WSW		.8	.3	.5	.1							1.7	9.5
W	.1	1.2	1.3	.3								2.8	7.5
WNW	.1	2.2	1.9	.8	.1							5.2	7.7
NW		1.8	1.2	.4	.4							3.7	8.5
NNW		1.3	1.3	.4	.3							3.2	8.6
VARBL													
CALM												13.1	
	.6	26.2	35.7	16.6	7.0	.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.3	2.6	1.7	.1							6.7	8.8
NNE		.1	.6	.5	.3							1.5	11.7
NE		.9	2.6	1.0			.1					4.6	9.7
ENE	.1	1.0	1.2	.3	.1							2.7	8.0
E		1.3	2.7	.8	.1							4.9	8.6
ESE		1.4	1.8	1.0								4.3	8.5
SE		1.7	1.7	.8	.1							4.3	8.1
SSE	.1	2.7	2.8	.9	.5							7.1	8.4
S	.1	4.9	6.7	6.6	2.6	.5						21.4	10.8
SSW		2.1	1.7	.4	.4							4.5	8.0
SW		.6	.8	.1	.1	.1						1.8	9.5
WSW		.4	.6	.9								1.9	9.7
W	.1	1.7	.9	.4	.1							3.2	7.3
WNW		3.5	3.1	.9	.1							7.6	7.5
NW	.1	1.8	1.4	1.3								4.6	8.1
NNW		.8	1.3	.5	.4							3.0	9.7
VARBL													
CALM												15.9	
	.6	27.2	32.5	18.0	5.0	.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	4.3	2.5	.1							7.9	9.5
NNE		.6	1.1	.9								2.6	8.8
NE		.4	1.7	.1	.5							2.7	9.8
ENE	.1	.7	2.0	.7	.1							3.7	8.9
E	.1	1.0	2.2	1.7	.1							5.2	9.8
ESE		1.4	1.6	.7	.1							3.8	[illegible]
SE	.1	1.1	1.7	1.0	.1							4.1	.9
SSE		3.3	4.4	1.0	.1							8.9	7.7
S	.1	3.6	5.2	8.8	1.6	.4						19.6	11.3
SSW		1.5	.9	1.4	.2							4.0	9.7
SW	.1	1.0	.7	.2	.1							2.2	7.5
WSW	.1	.5	.5	.2								1.4	7.7
W		1.1	.9	.7	.4							3.1	9.6
WNW	.2	2.7	2.6	.7	.4							6.7	7.7
NW		2.0	1.7	1.7								5.4	8.8
NNW		1.9	2.2	1.5	.6							6.2	9.5
VARBL													
CALM												12.6	
	1.0	23.7	33.8	24.0	4.6	.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.7	4.3	3.7	.4	.2						11.4	9.8
NNE		.7	1.0	1.5	.4							3.5	10.5
NE		.1	1.7	.6	.1							2.6	10.0
ENE		.6	1.6	1.1								3.3	9.0
E	.1	1.0	2.7	1.6	.1							5.5	9.1
ESE		1.2	2.1	1.7	.1							5.1	9.7
SE		1.7	2.3	2.0	.4							6.4	9.6
SSE		.5	3.2	3.3	.4							7.3	11.1
S		1.1	6.4	8.6	5.5	.4						21.9	13.2
SSW		.9	2.4	1.6	.5	.2						5.6	11.1
SW		.7	.6	1.2	.2							2.8	10.3
WSW		.5	.9	.6		.1						2.1	10.0
W		.9	.9	.7	.2	.1						2.8	10.2
WNW		1.3	1.1	1.0	.5	.1						4.0	10.3
NW	.1	.9	1.0	2.4	.6							5.0	11.6
NNW		.9	3.1	2.8	.1							6.9	10.4
VARBL													
CALM												3.7	
	.4	15.7	35.1	34.4	9.5	1.2						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	5.0	4.2	1.1							11.7	11.0
NNE	.1	.4	1.7	1.8								4.1	10.7
NE		.6	1.4	.9	.1							3.0	9.8
ENE		.9	1.5	1.4								3.7	9.4
E	.1	.4	2.5	2.5	.2							5.7	10.6
ESE		1.2	1.2	1.2	.1							3.8	9.3
SE		.7	1.6	2.2	.4							4.9	10.9
SSE		.6	3.6	3.1	1.1							8.4	11.2
S	.4	1.2	4.4	11.1	5.9	.9						23.9	13.8
SSW			1.1	2.3	1.1	.2						4.8	14.2
SW	.1	.4	1.0	1.0								2.5	10.2
WSW		.6	.7	.1								1.5	7.3
W	.1	.5	1.8	1.1	.4							3.9	10.3
WNW		.5	.9	.6	.4	.5						2.8	12.7
NW		.7	2.1	1.4	.2	.2						4.7	11.1
NNW	.2	1.1	1.4	3.9	.7							7.4	11.6
VARBL													
CALM												3.4	
	1.1	11.2	31.9	38.7	11.4	1.8						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		2.1	4.4	4.2	.6							11.3	10.4
NNE	.1	.9	1.1	1.6	.1							3.8	10.0
NE		.6	1.8	1.1	.1							3.7	10.0
ENE		1.1	2.1	.6	.1							3.9	9.1
E	.1	1.8	3.2	2.1	.4							7.6	9.6
ESE		.9	1.3	1.2	.2							3.7	10.3
SE	.1	.4	1.2	2.1	.4							4.2	11.7
SSE	.1	1.0	2.0	3.1	2.0	.1						8.2	12.7
S		.9	7.0	9.8	6.1	.1						23.9	13.4
SSW		.4	1.7	1.8	.7	.1						4.8	12.1
SW		.4	.6	.5	.1	.1						1.7	11.1
WSW		.1	.5	.9	.1							1.6	12.4
W		.5	.7	.7	.2							2.2	11.1
WNW		1.1	2.2	.9	.4	.4						4.9	10.3
NW		.9	1.6	1.8	.4	.1						4.8	11.6
NNW		.9	2.7	2.8	.4		.1					6.9	11.3
VARBL													
CALM												2.9	
	.5	13.7	34.2	35.2	12.4	1.0	.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.3	3.9	1.8								8.1	8.5
NNE		.7	1.1	.4	.2							2.5	9.1
NE		1.6	3.3	1.0								5.9	8.1
ENE	.1	2.5	3.3	.7								6.7	7.3
E		2.8	4.3	1.8								9.0	8.4
ESE		1.1	2.7	1.1	.1							5.0	9.3
SE		1.5	2.5	1.5								5.4	9.2
SSE	.1	1.4	4.7	4.3	1.0							11.5	10.5
S	.1	2.8	7.8	6.5	2.8							20.1	10.9
SSW		.6	.9	.2								1.7	8.0
SW		.6	1.0	.2								1.8	8.4
WSW	.2	1.0	1.2	.4	.2							3.1	8.5
W	.1	.5	.5	.2								1.4	7.5
WNW	.1	1.8	.9	.5	.4							3.7	8.2
NW		.7	2.2	1.2	.1							4.3	9.8
NNW	.1	2.1	1.8	1.4								5.4	8.5
VARBL													
CALM												4.4	
	1.0	24.1	42.1	23.4	4.9							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	2.1	1.0	.1							5.1	8.4
NNE		.9	1.4	1.0								3.2	9.0
NE		1.6	2.1	.9	.1							4.7	8.3
ENE	.1	1.5	1.5	.1	.1							3.4	7.3
E		3.5	2.9	2.1	.2							8.7	8.5
ESE		1.7	2.6	1.5	.1							6.0	8.8
SE	.1	2.6	3.5	1.5	.7	.1						8.6	9.1
SSE		2.5	4.7	3.6	.9							11.7	10.1
S		3.4	7.2	5.0	1.5	.1						17.1	10.1
SSW		1.2	1.4	.2	.4							3.2	8.3
SW		1.1	1.5	.5								3.1	8.1
WSW		1.2	.5	.1	.1							2.0	7.0
W	.1	1.1	1.2	.5								3.0	7.5
WNW		2.2	.9	.5								3.6	7.0
NW		1.2	1.0	.5	.5							3.2	9.7
NNW	.1	2.2	1.5	.5	.1							4.5	7.4
VARBL													
CALM												8.9	
	.5	29.9	35.9	19.5	5.0	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 805

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.9	3.7	2.5	.4	.0						8.5	9.7
NNE	.0	.6	1.1	1.1	.1							2.9	10.0
NE		.9	2.0	.8	.1		.0					3.8	9.1
ENE	.1	1.1	1.8	.7	.1	.0						3.8	8.4
E	.1	1.7	3.0	1.8	.2							6.7	9.1
ESE		1.3	2.0	1.2	.1							4.7	9.1
SE	.1	1.4	2.1	1.4	.3	.0						5.3	9.5
SSE	.1	1.8	3.5	2.7	.8	.0						8.9	10.2
S	.1	2.8	6.6	7.6	3.8	.4						21.3	11.9
SSW		1.1	1.6	1.1	.4	.1						4.2	10.1
SW	.0	.8	.9	.6	.1	.0						2.5	9.2
WSW	.0	.6	.7	.5	.1	.0						1.9	9.0
W	.1	.9	1.0	.6	.2	.0						2.8	8.9
WNW	.1	1.9	1.7	.7	.3	.1						4.8	8.6
NW	.0	1.2	1.5	1.4	.3	.0						4.5	10.0
NNW	.1	1.4	1.9	1.7	.3		.0					5.4	9.9
VARBL													
CALM												8.0	
	.7	21.4	35.2	26.4	7.5	.8	.0					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 6425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-79,81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	1.1	1.1	.3							4.1	9.0
NNE	.1		.6	.1	.3							1.1	11.0
NE		.6	.7	.7								2.0	9.2
ENE	.1	.6	.9	.4	.1							2.1	9.0
E		2.1	1.6	.7	.3							4.7	8.3
ESE		1.0	2.6	.7								4.3	8.5
SE		1.4	3.4	2.0								6.9	9.2
SSE		3.3	3.9	2.6	.6							10.3	9.4
S	.1	6.2	13.0	11.0	5.7	.4						36.5	11.3
SSW		1.9	1.0	.4	.3							3.6	8.1
SW	.1	1.1	.9									2.1	6.1
WSW		1.4	.3									1.7	5.7
W	.1	1.0	1.0									2.1	6.3
WNW		2.6	1.6	.1								4.3	6.4
NW		.9	.4		.3							1.6	8.5
NNW		1.4	.6	.4	.1							2.6	8.3
VARBL													
CALM												9.9	
	.7	27.0	33.5	20.5	8.0	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 699

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.5	.7	.1							3.6	8.7
NNE		.3	1.2	.4	.3							2.2	10.1
NE		.8	1.2	1.4	.1							3.6	9.7
ENE		.3	1.0	.6	.1							1.9	10.0
E		1.7	2.3	1.2	.1							5.4	8.6
ESE	.1	1.2	2.3		.4							4.1	8.4
SE		1.4	3.7	.7								5.8	8.4
SSE		2.3	2.6	1.8	.3							7.0	8.6
S	.4	5.8	10.5	10.6	4.4	.1						31.9	10.9
SSW		1.7	.8	1.9	.6							5.0	10.5
SW		1.1	.6	.1	.1							1.9	7.1
WSW		1.1	.6	.1	.1							1.9	7.1
W		1.0	1.0	.3	.3							2.5	8.0
WNW		1.8	1.7	.3								3.7	7.1
NW	.1	1.7	.6	.6								2.9	7.1
NNW		1.0	.7	.3	.3							2.2	8.2
VARBL													
CALM												14.2	
	.7	24.3	32.3	21.0	7.3	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	1.8	1.1	.3							4.8	9.2
NNE		.3	1.0	.4		.1						1.8	10.5
NE		.8	2.0	.5	.3							3.5	9.4
ENE		.6	1.6	.6								2.9	9.2
E		1.1	2.0	1.0	.3							4.4	9.3
ESE		1.3	2.6	1.1								5.0	8.7
SE	.1	1.1	2.1	1.3	.3							4.9	9.3
SSE		2.5	3.4	3.2	.5							9.6	9.7
S	.1	3.0	9.5	9.5	5.5	.6						28.2	12.2
SSW		2.4	2.1	2.1	.5							7.2	9.6
SW		1.0	1.3	.4								2.6	7.1
WSW		1.0	.5	.4								1.9	7.7
W		1.3	.9	.5	.1							2.8	8.1
WNW		1.8	1.3	.4								3.4	7.0
NW		1.3	.8	.8	.1							2.9	8.6
NNW		1.9	1.3	1.0	.4							4.5	8.9
VARBL													
CALM												9.5	
	.3	23.0	34.2	29.2	8.2	.8						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 793

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.0	1.9	1.3	.8							6.0	9.8
NNE		1.0	.9	1.3	.1	.1						3.4	9.9
NE		.6	1.5	1.7	.3							4.1	10.8
ENE		.4	1.5	1.1	.4							3.4	11.1
E		1.1	2.0	1.1								4.3	8.5
ESE		.4	2.0	1.5	.1							4.1	10.0
SE		1.0	2.2	2.2	.6							6.0	10.7
SSE		.6	2.3	3.3	1.7							7.9	12.3
S		2.0	6.6	12.5	5.8	1.4						28.3	13.3
SSW		1.0	2.7	3.7	1.9							9.3	12.3
SW		.5	1.3	1.9	.1							3.8	11.2
WSW	.1	1.1	.8	.9	.4							3.3	9.6
W		.8	1.4	.1	.3		.1					2.7	9.6
WNW		1.3	1.0	.8								3.0	8.1
NW		.5	1.0	1.1	.3							2.9	10.7
NNW		1.3	.5	1.4	.4							3.6	10.0
VARBL													
CALM												3.9	
	.1	15.8	29.6	35.8	13.1	1.5	.1					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		1.4	2.0	1.7	1.0	.1						6.0	11.2
NNE		.6	.9	1.0	.9							3.4	12.5
NE		1.3	1.9	1.1	.3							4.6	9.3
ENE		1.0	1.1	1.4	.1							3.7	9.8
E		1.0	2.8	1.5	.1							5.5	9.9
ESE		1.1	2.8	1.8	.1							5.8	9.7
SE		.5	2.3	2.4	.6							5.8	11.1
SSE		.9	2.3	2.7	1.9	.3						8.0	12.5
S		1.9	5.3	11.3	7.6	.1						26.3	13.5
SSW		.4	1.7	4.2	1.1	.1						7.5	12.9
SW		.6	2.2	1.3	.3	.1						4.4	10.4
WSW		.6	1.1	.6								2.4	8.8
W		.6	1.9	.8		.1						3.4	9.2
WNW	.1	.3	1.5	1.8	.1	.1	.1					4.1	11.9
NW		.6	.9	1.0	.1							2.7	10.1
NNW		.9	1.1	1.1	.1							3.3	10.0
VARBL													
CALM												3.0	
	.1	13.6	31.9	35.7	14.5	1.0	.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		.6	2.0	3.5	.6							6.8	11.9
NNE	.1	.3	1.1	1.0	.1							2.7	10.4
NE		.4	1.0	1.1	.4							2.9	11.0
ENE		.5	2.5	1.6	.3							4.9	9.9
E		.3	3.3	3.5	.3			.1				7.5	11.5
ESE		.6	2.4	1.8	.5							5.3	10.6
SE		1.1	2.4	2.3	.4							6.2	10.6
SSE	.3	.5	2.2	4.7	1.8	.1						9.5	12.8
S		1.4	5.3	10.8	7.3	.8						25.6	13.9
SSW	.1	1.1	1.9	1.0	1.8	.1						6.1	12.1
SW		.5	1.5	1.5	.3							3.8	11.0
WSW		.8	1.1	.3	.3							2.4	9.2
W	.1	.4	1.0	.9	.3							2.7	10.2
WNW		1.1	1.0	.8	.3	.4						3.5	10.9
NW		.4	1.5	1.1	.3							3.3	10.0
NNW		.8	2.2	1.0	.4							4.3	9.7
VARBL													
CALM												2.5	
	.6	10.8	32.5	37.0	15.1	1.4		.1				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 790

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

(CONDITION)

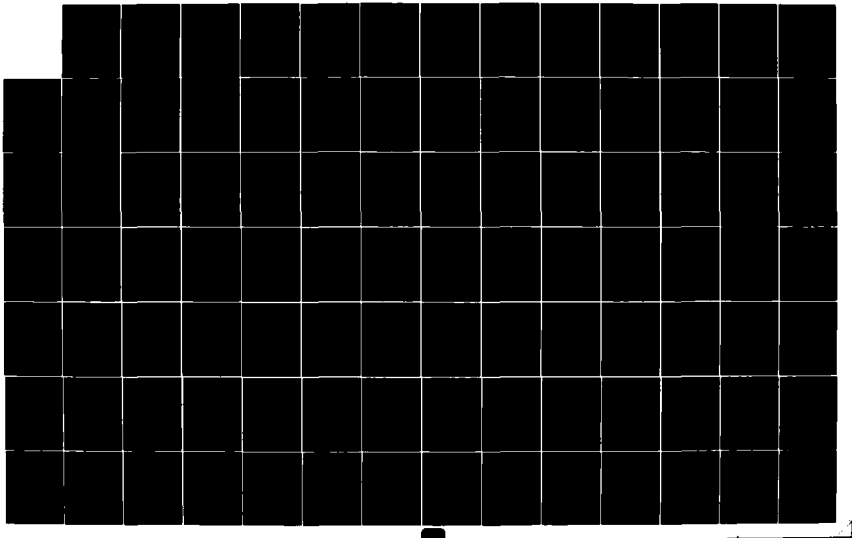
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	2.7	2.0	.4							6.6	9.8
NNE		.4	1.5	1.6								3.5	10.5
NE		1.1	1.9	.6								3.7	8.0
ENE		.8	2.5	.6	.4							4.3	9.6
E		2.1	4.0	2.3	.3							8.7	9.2
ESE		2.1	3.5	2.3	.1							8.1	9.1
SE		1.1	3.2	3.4	.8							8.5	10.9
SSE		1.3	5.9	4.9	1.3	.1						13.5	10.9
S	.1	1.0	7.6	10.1	3.8	.1						22.8	12.4
SSW		.6	1.3	1.3	.1							3.3	10.2
SW		.5	.5	.3	.1							1.4	8.9
WSW		.5	.3		.1							.9	7.6
W		.5	.6	.4	.1							1.6	9.8
WNW		.6	.6	.6	.3							2.1	10.0
NW		.8	1.3	.6								2.7	8.4
NNW		1.4	1.8	.9								4.0	8.4
VARBL													
CALM												4.3	
	.1	16.4	39.2	32.0	7.7	.3						100.0	10.0

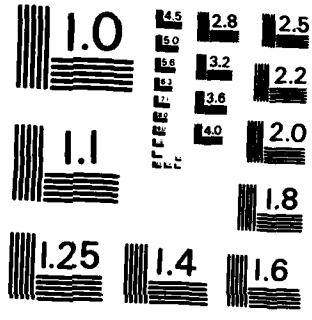
TOTAL NUMBER OF OBSERVATIONS 791

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

AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82 2/6

UNCLASSIFIED USAFETAC/DS-82/068 SBI-AD-E850 213 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 2100-2300 (HOURS (LST))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	2.4	.4	.1							4.1	8.2
NNE		.9	1.2	.5	.3							2.9	9.5
NE		.7	2.1	.4	.1							3.3	8.8
ENE		1.2	1.5	.4								3.0	7.7
E		1.3	2.6	1.1								5.0	8.5
ESE		1.5	3.6	2.0	.1							7.1	9.1
SE	.3	2.4	5.4	2.5								10.6	8.7
SSE		2.8	5.1	7.1	1.6							16.6	11.2
S		4.1	8.7	9.4	2.8	.1						25.1	11.2
SSW		1.8	1.5	.8	.3	.1						4.5	8.5
SW		.9	.7	.1								1.7	6.8
WSW		.5	.1	.1								.8	7.5
W		1.2	.8	.1	.1							2.2	7.4
WNW		.4	.8	.1								1.3	7.5
NW		.4	1.2	.1								1.7	8.0
NNW	.1	.7	1.6	.5	.1							3.0	8.8
VARBL													
CALM												7.0	
	.4	21.9	39.2	25.7	5.5	.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	1.9	1.5	.5	.0						5.3	10.0
NNE	.0	.5	1.1	.8	.2	.0						2.7	10.6
NE		.8	1.6	.9	.2							3.5	9.5
ENE	.0	.7	1.6	.9	.2							3.3	9.6
E		1.3	2.6	1.6	.2			.0				5.7	9.4
ESE	.0	1.2	2.7	1.4	.2							5.5	9.3
SE	.0	1.3	3.1	2.1	.3							6.8	9.8
SSE	.0	1.7	3.5	3.8	1.2	.1						10.3	11.0
S	.1	3.1	8.2	10.6	5.4	.5						27.9	12.3
SSW	.0	1.4	1.6	2.0	.8	.0						5.8	11.0
SW	.0	.8	1.1	.7	.1	.0						2.8	9.2
WSW	.0	.9	.6	.3	.1							1.9	8.2
W	.0	.8	1.1	.4	.1	.0	.0					2.5	8.7
WNW	.0	1.2	1.2	.6	.1	.1	.0					3.2	8.7
NW	.0	.8	1.0	.7	.1							2.6	9.0
NNW	.0	1.2	1.2	.8	.2							3.5	9.1
VARBL													
CALM												6.7	
	.4	18.9	34.1	29.2	10.0	.7	.0	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 6129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-79,81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	.7	.7								2.5	8.8
NNE		.6	.6	.6								1.7	8.8
NE		1.1	2.1	.8	.1							4.1	9.3
ENE	.1	1.0	1.7	.3	.1							3.2	7.9
E		2.1	2.9	.7								5.6	7.9
ESE	.1	1.7	2.2	.8								4.8	8.2
SE		2.3	2.3	1.0								5.6	7.6
SSE		2.6	5.2	3.2	.6	.1						11.7	9.8
S		5.6	13.6	15.0	2.8	.7						37.7	11.0
SSW		1.5	2.5	.7								4.7	8.1
SW		.3	.4	.3	.3							1.2	11.0
WSW	.1	.7	.3	.1								1.2	6.0
W		1.2	.6	.1	.1							2.1	7.5
WNW	.1	.4	1.1	.3	.1							2.1	8.3
NW		.7	1.2	.4								2.3	8.3
NNW		.7	1.0	.4								2.1	8.4
VARBL													
CALM												7.3	
	.6	23.6	38.3	25.3	4.1	.8						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 726

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.4	.4	.3							3.0	9.0
NNE		.4	1.2	.5	.1							2.2	10.2
NE		1.1	1.1	.3								2.4	6.8
ENE		1.6	1.4	.3	.1							3.4	7.7
E		2.0	1.7	.9								4.6	7.9
ESE		.8	1.8	.7								3.3	8.3
SE		1.7	1.4	.5								3.7	7.6
SSE		2.5	4.2	.9		.1						7.8	8.1
S		5.5	16.3	14.7	1.3	.3						38.2	10.3
SSW		1.6	2.5	.7	.3							5.0	8.7
SW		1.4	.9	.4								2.8	7.0
WSW		.5	.3									.8	5.8
W		1.2	.1	.3								1.6	6.8
WNW		1.7	1.2	.4								3.3	6.8
NW	.1	2.4	1.1	.1								3.7	6.0
NNW		1.1	1.1	.4								2.5	7.6
VARBL													
CALM												11.8	
	.1	26.3	37.8	21.4	2.1	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 760

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	2.1	.5								3.8	8.0
NNE		.2	1.0	1.0	.2							2.5	10.7
NE		.7	2.1	1.1								3.9	9.3
ENE		.2	1.7	.7	.1							2.8	9.9
E	.1	1.0	1.7	1.1	.1							4.0	9.0
ESE		1.5	1.3	.9	.1							3.8	8.7
SE		1.2	2.3	.7	.5	.1						4.9	9.9
SSE		1.3	3.3	.9	.4							5.9	9.0
S	.1	5.8	13.1	13.5	3.4	.1						36.1	10.8
SSW	.1	1.5	2.6	4.0	.7							9.0	11.1
SW	.1	1.5	1.1	.9								3.6	7.9
WSW		1.1	.5									1.6	5.9
W		.5	1.1									1.6	7.1
WNW		1.2	.6	.2								2.1	6.2
NW		1.2	2.0	.4								3.6	7.7
NNW		1.5	.9	.5	.1							2.9	7.8
VARBL													
CALM												8.0	
	.6	21.6	37.4	26.4	5.8	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	3.1	1.2	.6							5.9	9.9
NNE		.7	1.2	.5								2.5	8.6
NE		.5	2.1	.9	.4							3.8	10.6
ENE		1.1	1.4	2.0	.1							4.6	10.0
E		1.0	1.5	2.1	.1							4.7	9.9
ESE	.1	1.2	1.6	1.0	.2							4.2	9.1
SE	.1	.6	1.2	1.6	.6	.1						4.3	11.4
SSE		1.6	1.7	2.0	1.0							6.3	10.5
S	.4	1.7	7.5	12.2	5.9	.1						27.8	12.6
SSW		.5	3.1	5.9	4.3	.1						13.9	13.8
SW	.1	1.0	2.6	2.6	.7	.1						7.1	11.1
WSW		1.2	1.0	1.1								3.3	8.6
W		.2	2.0	.4								2.6	9.0
WNW		.5	1.0	.5								2.0	8.9
NW		.2	.4	.2								.9	8.6
NNW		.6	.5	.7								1.8	9.1
VARBL													
CALM												4.3	
	.7	13.8	31.8	34.9	14.0	.5						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	2.1	2.0	.2							5.5	10.0
NNE		.6	2.2	2.0	.1							4.9	10.2
NE		.5	2.7	1.7								4.9	9.8
ENE		.6	2.3	.7	.2							3.9	9.0
E		.6	2.6	1.8	.4							5.4	10.5
ESE		1.5	1.7	2.4								5.6	9.7
SE	.1	1.0	2.9	1.8	.2							6.1	9.7
SSE		.9	2.7	3.1	.7	.1						7.5	11.3
S	.2	1.3	4.6	12.3	7.2	.5						26.3	13.9
SSW	.2	.9	3.1	6.2	3.3	.5						14.2	13.5
SW		.4	1.6	1.3	.6	.1						4.0	11.8
WSW		.5	.9	.9	.1							2.3	10.7
W		.6	.9	.5								2.0	8.2
WNW			.4	.1								.5	10.0
NW		.2	.7	.5								1.5	9.1
NNW			1.3	.7								2.1	10.5
VARBL													
CALM												3.4	
	.6	10.8	32.6	38.1	13.2	1.2						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 818

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		.5	2.4	1.7	.1							4.7	9.9
NNE		.6	1.9	2.2	.2							5.0	10.6
NE		.6	3.6	1.7	.6							6.5	10.5
ENE		.4	2.1	1.5	.1							4.0	9.9
E		1.1	3.0	2.2	.1	.1						6.5	10.1
ESE		.7	2.8	2.5	.6							6.7	10.9
SE		1.0	2.1	2.4	.2							5.7	10.7
SSE		.5	1.9	4.1	1.5							8.0	12.9
S	.1	1.5	5.2	15.0	7.4	.2						29.5	13.8
SSW		.6	2.3	4.0	2.7	.1						9.7	13.6
SW		.5	1.5	1.8	.6	.1						4.5	11.9
WSW		.7	.5	.4	.1	.1						1.8	10.3
W		.4	.5		.1							1.0	8.3
WNW		.2	.4	.5								1.1	9.2
NW		.6	.4	.1								1.1	6.6
NNW		.2	1.0	.6	.1							1.9	10.1
VARBL													
CALM												2.3	
	.1	10.1	31.5	40.7	14.5	.7						100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 825

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.6	1.5	.6			.1				4.4	11.6
NNE		.6	2.1	1.7	.4							4.8	10.7
NE		1.1	3.2	2.2	.4							6.9	9.9
ENE		.5	2.9	2.0	.1							5.5	10.1
E		1.0	4.0	2.8	.2							8.1	10.0
ESE		.7	3.6	1.8		.1						6.3	9.8
SE		.6	4.7	3.8	.1							9.2	10.7
SSE		.7	3.7	5.4	.9							10.7	11.7
S	.2	3.2	8.0	13.0	4.5	.4						29.3	12.1
SSW	.1	.9	2.0	2.0	.4							5.3	10.4
SW		.4	.5	.2		.1						1.2	10.5
WSW		1.1	.5	.2								1.8	7.3
W		.2	.5									.7	8.2
WNW		.2	.2	.1	.1							.7	9.7
NW		.1	.1	.4	.1							.7	11.3
NNW		.4	.7	.7	.1			.1				2.1	12.1
VARBL													
CALM												2.2	
	.3	12.4	38.3	37.9	8.0	.6		.2				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 815

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	1.5	.8								3.3	8.3
NNE		.5	1.3	.8	.3							2.8	10.2
NE		1.0	3.1	1.3	.4							5.8	9.5
ENE		1.3	2.5	1.5		.1						5.4	9.3
E		2.0	5.2	1.6	.1							8.9	8.5
ESE		.8	4.2	.9	.1							5.9	8.6
SE		1.0	5.5	3.5	.1							10.2	9.9
SSE		2.1	7.0	8.6	1.1							18.9	11.0
S		3.9	11.1	7.3	1.5	.1						23.9	10.2
SSW		1.0	1.3	.5								2.8	8.0
SW		.3	.8									1.0	7.1
WSW		.6	.3		.1							1.0	7.9
W		.6	.4		.1							1.1	7.4
WNW		.4	.4									.8	6.8
NW		.5	.4	.1								1.0	7.5
NNW		.5	.3	.5	.3							1.5	10.2
VARBL													
CALM												5.8	
		17.5	45.0	27.3	4.2	.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 795

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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	.0	.9	1.9	1.1	.2			.0				4.2	9.6
NNE		.5	1.4	1.2	.2							3.3	10.2
NE		.8	2.5	1.3	.2							4.8	9.7
ENE	.0	.8	2.0	1.1	.1	.0						4.1	9.3
E	.0	1.3	2.8	1.7	.1	.0						6.0	9.3
ESE	.0	1.1	2.4	1.4	.1	.0						5.1	9.4
SE	.0	1.2	2.8	1.9	.2	.0						6.2	9.8
SSE		1.5	3.7	3.5	.8	.0						9.5	10.7
S	.1	3.5	9.8	12.9	4.3	.3						31.0	11.8
SSW	.1	1.0	2.4	3.1	1.5	.1						8.2	12.1
SW	.0	.7	1.2	1.0	.3	.1						3.2	10.3
WSW	.0	.8	.5	.3	.0	.0						1.8	8.3
W		.6	.8	.2	.0							1.6	7.9
WNW	.0	.6	.6	.3	.0							1.5	7.8
NW	.0	.7	.8	.3	.0							1.8	7.7
NNW		.6	.8	.6	.1			.0				2.1	9.3
VARBL													
CALM												5.6	
	.4	16.8	36.5	31.7	8.9	.6		.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 6366

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.2	.8	.3							3.2	9.5
NNE		.3	.6	.6								1.6	9.8
NE		.6	1.2	1.0								2.8	9.2
ENE		.8	1.6	.8								3.1	8.2
E		.9	1.0	.9								2.8	8.6
ESE		.9	2.1	.5								3.5	8.1
SE		2.3	4.3	1.7	.3							8.5	9.0
SSE		3.2	6.0	3.4	.1							12.7	8.9
S	.1	5.0	12.9	16.0	3.8	.3						38.2	11.2
SSW		.3	1.4	.6	.1							2.5	10.1
SW		.6	.5	.1	.1							1.4	7.8
WSW		1.2		.3								1.4	6.6
W	.1	.9	1.0	.3	.3							2.6	8.3
WNW		1.3	1.2	.3	.1							2.8	7.8
NW		1.8	1.4	.3	.4							3.9	8.4
NNW		.9	.6	.3	.3							2.1	9.1
VARBL													
CALM												6.9	
	.3	22.1	37.0	27.8	5.7	.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 773

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)

724586	SALINA MAP KS	73-81	AUG
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		1.4	1.8	.4								3.5	7.8
NNE		.1	.8	.4	.1							1.4	10.2
NE	.1	.6	1.1	1.0		.1						3.0	10.0
ENE		.9	1.6	1.1	.1							3.8	8.9
E		1.4	1.1	.5	.1							3.2	8.2
ESE		1.4	.8	.3								2.4	6.9
SE	.1	2.7	2.2	.6	.3							5.8	8.1
SSE		3.2	4.6	1.6	.4							9.7	8.7
S	.4	6.7	12.8	14.7	3.5	.1						38.2	10.7
SSW		.5	1.0	1.1	.1							2.8	10.1
SW		.8	.5	.1			.1					1.5	8.8
WSW		.6	.3	.5	.3	.1						1.8	10.9
W		1.1	1.4	.3	.1							2.9	7.7
WNW		2.7	1.6	.3	.1							4.7	7.1
NW		1.5	1.5	.1	.1							3.3	7.7
NNW	.1	1.0	.3	.3								1.6	6.6
VARBL													
CALM												10.3	
	.8	26.6	33.3	23.3	5.3	.4	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	1.6	.7								3.9	8.2
NNE	.1	.6	.6	.7	.4							2.4	10.1
NE		.6	.7	.6								2.0	8.6
ENE		1.1	1.3	.9	.2							3.5	9.5
E		1.2	1.0	1.1								3.3	8.7
ESE		1.3	1.2	.4								2.9	7.5
SE	.4	1.7	2.3	.7	.4							5.5	8.4
SSE	.1	2.6	4.0	3.1	.1							9.9	9.0
S	.4	4.3	15.0	14.8	8.0	.1						38.3	11.0
SSW		.7	2.1	2.1	.7							5.6	11.3
SW		.6	1.0	.5	.2							2.3	9.7
WSW		.9	.4	.2								1.5	7.5
W	.1	1.0	.9	.2								2.2	7.2
WNW		.7	1.1	.8								2.2	7.9
NW	.1	1.2	1.6	.5								3.4	7.4
NNW	.1	.9	.7	.5	.1							2.3	8.0
VARBL													
CALM												8.7	
	1.3	21.0	35.6	27.0	6.2	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	2.3	1.5	.4							4.9	10.4
NNE		1.0	1.2	1.5	.1							3.8	9.5
NE		1.2	1.2	.9								3.3	8.4
ENE		.4	2.0	.4	.2							2.9	9.6
E		.6	2.8	1.1	.1							4.6	9.6
ESE		1.6	2.1	.5	.1							4.3	7.8
SE		.5	1.3	1.3	.5							3.7	11.1
SSE		.7	3.2	2.1	.7	.2						7.0	11.2
S		1.6	7.9	16.4	7.6	.2						33.7	13.2
SSW		.5	2.2	5.9	2.8	.1						11.5	13.7
SW	.1	.2	1.5	1.6	.7							4.2	11.6
WSW		.6	.6	.4	.1							1.7	9.0
W		.7	.6	.5								1.8	8.3
WNW		.5	1.0	.2	.1							1.8	9.1
NW	.1	.5	1.1	1.6								3.3	10.7
NNW		.5	2.0	.9	.1							3.4	9.3
VARBL													
CALM												4.0	
	.2	11.9	33.0	36.6	13.7	.6						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.6	2.0	.6							5.0	10.7
NNE		.9	1.7	2.3								4.9	9.9
NE	.1	.9	1.6	1.0	.2							3.8	8.8
ENE		.7	2.9	1.6	.2							5.5	10.2
E		.6	2.6	1.3								4.5	9.4
ESE	.1	.5	2.1	1.8								4.5	9.9
SE		.6	2.0	1.7								4.3	10.1
SSE	.2	.7	2.2	4.5	1.5							9.2	12.2
S	.1	1.2	5.9	14.2	8.1	1.5						31.0	14.1
SSW		.2	1.7	5.4	2.9	.1						10.4	14.2
SW		.4	1.8	2.2	.6							5.0	11.9
WSW		.1	.9	.4	.2							1.6	11.1
W		.2	.5		.1							.9	8.9
WNW		.1	.1	.9	.4							1.5	13.7
NW	.1	.6	.9	.2	.1							2.0	8.6
NNW		.6	1.1	1.1	.4							3.2	10.7
VARBL													
CALM												2.6	
	.7	9.3	29.6	40.7	15.5	1.6						100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	2.0	1.7	.6							5.0	11.2
NNE	.1	.5	2.1	1.5			.1					4.3	10.7
NE		.7	2.6	1.3	.1							4.8	9.7
ENE		.5	1.1	1.0	.4							2.9	10.5
E	.1	.7	2.2	1.5	.5							5.0	10.0
ESE		.5	2.8	1.6								4.9	9.7
SE		1.0	2.3	2.1	.6							6.0	10.5
SSE		.9	2.9	4.7	1.1	.4						9.9	12.4
S		.7	5.8	16.4	8.7	2.7						34.3	14.7
SSW		.5	1.7	5.0	1.5							8.7	13.0
SW		.4	1.7	1.3	.2							3.7	10.8
WSW		.5	.2	.5								1.2	8.4
W		.2	.6		.2							1.1	9.8
WNW		.2	.2	.5								1.0	9.9
NW		.6	.6	.4	.7							2.3	11.7
NNW		.4	1.0	1.0	.5							2.8	11.7
VARBL													
CALM												2.0	
	.2	9.1	29.9	40.4	15.2	3.1	.1					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	1.9	1.7								4.7	9.7
NNE		.1	2.0	1.0		.4						3.5	11.5
NE		1.2	3.1	1.7	.5							6.6	9.9
ENE		1.0	3.0	.9	.1	.1						5.1	9.1
E		2.5	3.5	1.2	.4							7.5	8.9
ESE		1.5	3.0	2.8	.9							8.2	10.5
SE	.1	1.0	3.3	4.8	.1							9.4	10.8
SSE		1.2	5.9	5.4	1.4							14.0	11.3
S		1.4	8.8	14.5	4.3	.6						29.6	12.6
SSW		.2	1.2	1.5	.1							3.1	11.1
SW		.2	.2	.2	.1							.9	11.1
WSW		.1	.4									.5	8.3
W		.4	.5	.2								1.1	8.1
WNW		.1	.1	.2								.5	8.8
NW		.6	.4	.1	.1	.1						1.4	9.9
NNW		.5	.6	.9	.1							2.1	10.6
VARBL													
CALM												2.0	
	.1	13.2	37.9	37.4	8.2	1.2						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 808

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.7	1.4								4.0	9.1
NNE		.5	1.2	.5	.1							2.4	9.9
NE		.6	1.9	.9								3.3	8.8
ENE	.1	.9	3.0	.7	.4							5.1	9.1
E		2.5	2.6	.5	.1							5.7	7.5
ESE		2.0	2.4	2.6								6.9	9.2
SE		2.0	4.7	4.2	.2							11.2	10.1
SSE		1.5	9.0	8.6	1.7	.2	.1					21.2	11.2
S		2.5	9.7	11.4	3.7	.1						27.4	11.9
SSW		.2	1.0	.5								1.7	9.1
SW		.4	.4									.7	6.8
WSW		.4	.1		.1							.6	8.6
W	.1	.7	1.1	.2								2.2	7.4
WNW		.4	.6	.2								1.2	8.5
NW	.1	.4	.6	.1								1.2	7.6
NNW		1.1	.7	.1	.1							2.1	7.5
VARBL													
CALM												3.0	
	.6	16.6	40.8	32.0	6.6	.4	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 807

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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	.0	1.0	1.8	1.3	.2							4.3	9.7
NNE	.0	.5	1.3	1.1	.1	.0	.0					3.0	10.2
NE	.0	.8	1.7	1.1	.1	.0						3.7	9.3
ENE	.0	.8	2.1	.9	.2	.0						4.0	9.4
E	.0	1.3	2.1	1.0	.2							4.6	8.9
ESE	.0	1.2	2.0	1.3	.1							4.7	9.1
SE	.1	1.5	2.8	2.2	.3							6.8	9.8
SSE	.0	1.7	4.7	4.2	.9	.1	.0					11.7	10.7
S	.1	2.9	9.8	14.8	5.5	.7						33.8	12.4
SSW		.4	1.6	2.8	1.1	.0						5.8	12.6
SW	.0	.4	1.0	.8	.3		.0					2.5	10.6
WSW		.5	.4	.3	.1	.0						1.3	9.0
W	.0	.7	.8	.2	.1							1.8	8.0
WNW		.7	.7	.4	.1							2.0	8.5
NW	.1	.9	1.0	.4	.2	.0						2.6	8.9
NNW	.0	.7	.9	.6	.2							2.5	9.4
VARBL													
CALM												4.9	
	.5	16.2	34.6	33.2	9.6	1.0	.0					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 6495

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	1.5	2.3	.6							5.9	10.5
NNE		.5	.9	1.0	.3							2.7	10.5
NE		1.1	1.5	.8								3.4	8.1
ENE		.4	1.0	.1								1.5	7.8
E		1.1	2.0	.3								3.4	7.6
ESE	.1	.5	2.6	.5								3.7	8.9
SE		2.2	2.2	1.0	.1							5.5	8.4
SSE		2.6	4.1	3.2								9.8	9.0
S		5.9	12.0	9.7	5.6	.4						33.5	11.1
SSW	.1	1.3	2.0	.8	.1							4.3	8.3
SW		1.4	.3									1.7	5.6
WSW		.6	.1		.1							.9	7.6
W		1.1	1.1	.1		.1						2.6	7.5
WNW	.1	1.9	2.0	.1								4.2	6.6
NW		1.4	1.3	.4	.3							3.3	7.9
NNW	.1	2.2	1.5	.1	.3	.3						4.5	8.3
VARBL													
CALM												9.1	
	.5	25.6	36.2	20.4	7.4	.8						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	2.4	2.5	.9	.4						8.4	10.9
NNE		.6	.6	.3	.3							1.8	9.6
NE		.8	1.1	.5	.1							2.5	8.6
ENE		.6	1.3	.5								2.4	8.1
E		1.9	1.9	.4								4.2	7.5
ESE		1.1	.9	.3								2.3	7.1
SE		1.6	1.6	.3	.1							3.7	7.7
SSE		2.3	5.1	1.6	.1							9.1	8.5
S		5.6	12.9	9.8	2.4	.8						31.4	10.6
SSW	.1	1.9	1.8	.4								4.2	7.5
SW		.8	.9									1.6	6.7
WSW		.8	.4									1.1	5.9
W		1.4	1.0									2.4	6.3
WNW	.3	3.2	2.2									5.6	6.1
NW		2.2	1.6	.4	.1							4.3	7.4
NNW		3.0	1.6	1.1	.1							6.0	8.0
VARBL													
CALM												9.0	
	.8	29.5	37.4	18.0	4.2	1.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 789

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	2.9	2.9	.5							7.9	10.4
NNE		.4	1.0	.8	.3							2.4	10.3
NE		.5	1.0	.6								2.2	9.0
ENE		.5	1.5	1.0								3.0	9.6
E		.9	1.9	.5								3.3	8.3
ESE		.5	1.7	.4								2.5	8.7
SE	.1	1.3	1.1	1.0								3.6	8.7
SSE		2.5	4.3	1.5	.1							8.5	8.5
S		8.3	10.9	9.8	2.9	.5						32.4	9.3
SSW		1.1	2.0	.8	.3							4.2	9.0
SW		.9	.1									1.0	5.3
WSW	.1	1.0	.5									1.7	5.4
W		.9	.5									1.4	5.8
WNW	.3	3.0	1.8	.1								5.2	6.5
NW	.3	1.8	1.7	.6	.1							4.4	7.9
NNW		2.4	2.0	1.4	.4							6.2	8.5
VARBL													
CALM												10.0	
	.8	27.6	35.1	21.5	4.6	.5						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	3.9	4.6	2.2	.1						12.2	12.1
NNE		.6	1.4	1.7	.6							4.3	11.4
NE		.8	1.0	.9								2.7	9.0
ENE		1.1	1.1	1.0	.3							3.6	9.4
E		1.1	2.4	1.1	.1							4.8	9.0
ESE		.5	1.3	1.3	.3							3.3	10.8
SE		.6	1.5	1.4	.1							3.7	10.5
SSE		.5	1.8	2.8	.5							5.6	11.6
S		1.9	8.3	11.2	7.1	.9						29.4	13.2
SSW		1.3	2.7	2.8	1.1	.4						8.3	12.0
SW		.8	1.9	.8								3.4	8.7
WSW		.5	1.1	.3								1.9	8.1
W		.8	.6	.1								1.5	7.1
WNW		.1	1.1	.5								1.8	10.0
NW		.8	2.2	.8	.3							3.9	9.3
NNW		.8	1.4	1.8	.6	.1						4.7	11.4
VARBL													
CALM												4.8	
	.1	13.5	33.8	33.0	13.2	1.5						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	3.1	4.1	2.6							10.6	12.6
NNE		1.4	1.9	2.2	.6							6.1	10.6
NE		.6	1.8	1.3								3.7	9.7
ENE		.9	1.3	1.3	.1							3.6	9.6
E		.6	3.7	1.0	.1							5.5	9.0
ESE		.6	2.3	.4								3.3	8.8
SE		1.3	1.3	2.0	.4							5.0	10.4
SSE		.9	1.7	3.6	.8							6.9	12.0
S	.3	1.8	6.0	11.1	7.5	.5						27.2	13.4
SSW		.8	2.3	3.4	2.0	.5						9.1	13.3
SW		.6	.8	1.4	.3	.1						3.2	11.1
WSW		.8	1.0	.3								2.0	8.2
W		.8	1.1	.3	.1							2.3	8.4
WNW		.4	.9	.4	.1	.1						1.9	10.5
NW		.1	1.7	.6	.1							2.6	10.4
NNW		.9	1.8	2.0	.4							5.1	10.8
VARBL													
CALM												2.0	
	.4	13.3	32.5	35.3	15.2	1.3						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	3.4	5.0	3.2	.3						13.7	12.5
NNE		.4	1.5	1.1	.1							3.2	9.8
NE		.5	2.2	1.4								4.1	9.9
ENE		.5	2.7	.6								3.8	9.2
E		1.0	2.8	1.4	.3							5.5	9.2
ESE		1.3	1.5	1.1	.4							4.3	9.4
SE		1.3	2.3	2.4	.4							6.4	10.6
SSE		.9	2.7	3.7	.8							8.0	11.6
S		1.4	5.8	10.9	8.3	.9						27.3	14.0
SSW		1.0	1.9	3.4	.8							7.1	11.8
SW		.3	1.1	.9	.1							2.4	10.2
WSW		.6	.6	.8								2.0	9.1
W		.6	.8		.1							1.5	8.2
WNW		.1	.8	.9								1.8	10.4
NW		.4	.4	.9	.5	.1						2.3	12.5
NNW		1.0	2.4	2.2	.4							6.0	10.7
VARBL													
CALM												.6	
		13.2	32.9	36.7	15.2	1.3						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 787

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.0	5.3	3.9	1.3							12.7	10.5
NNE		.4	2.3	2.2								4.8	10.7
NE		1.4	3.3	1.0								5.7	8.6
ENE		1.8	2.5	.5	.1							4.9	8.1
E		1.9	3.2	1.1								6.2	8.1
ESE		2.0	2.0	1.5								5.6	8.3
SE		1.9	3.3	5.1	.3							10.5	[illegible]
SSE	.1	2.3	5.1	5.1	1.4							13.9	10.6
S	.1	1.6	9.1	9.5	2.0							22.4	11.4
SSW	.1	.6	.4	.4								1.5	7.7
SW		.6	.4	.1								1.1	6.9
WSW		.4	.4									.8	6.5
W		1.4	1.0									2.4	6.4
WNW		.3	.4	.1	.1							.9	9.7
NW	.1	.9	.8	.3								2.0	7.3
NNW		.4	1.0	.5	.3							2.2	9.9
VARBL													
CALM												2.4	
	.6	19.9	40.4	31.3	5.4							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 790

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	4.4	1.8	.5							8.2	9.6
NNE		.9	1.3	1.4	.4							3.9	10.5
NE		1.4	1.4	1.0	.1							3.9	8.8
ENE	.1	.4	1.9	.3								2.6	7.8
E	.1	2.1	4.2	.5								6.9	7.6
ESE	.1	1.0	2.1	.9	.4							4.5	9.4
SE		1.4	3.1	2.9	.4							7.8	10.1
SSE	.1	3.0	5.5	5.2	1.4	.1						15.3	10.4
S		4.3	9.7	7.8	3.6	.5						25.9	11.1
SSW	.1	.9	1.3	.1								2.4	7.1
SW		.5	.8		.1							1.4	7.9
WSW		.5	.5									1.0	6.1
W		1.5	.3									1.8	5.8
WNW	.1	1.3	1.1	.1								2.6	6.3
NW		1.0	.8	.3								2.0	7.0
NNW	.1	1.3	1.8	.4								3.5	7.4
VARBL													
CALM												6.2	
	.9	22.9	40.0	22.5	6.9	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	3.4	3.4	1.5	.1						9.9	11.3
NNE		.7	1.4	1.3	.3							3.6	10.5
NE		.9	1.7	.9	.0							3.5	9.0
ENE	.0	.8	1.7	.7	.1							3.2	8.8
E	.0	1.3	2.8	.8	.1							5.0	8.3
ESE	.0	1.0	1.8	.8	.1							3.7	9.0
SE	.0	1.4	2.1	2.0	.2							5.8	9.8
SSE	.0	1.9	3.8	3.3	.6	.0						9.7	10.2
S	.0	3.8	9.3	10.0	4.9	.6						28.7	11.9
SSW	.1	1.1	1.8	1.5	.5	.1						5.1	10.6
SW		.7	.8	.4	.1	.0						2.0	8.5
WSW	.0	.7	.6	.2	.0							1.4	7.4
W		1.1	.8	.1	.0	.0						2.0	7.0
WNW	.1	1.3	1.3	.3	.0	.0						3.0	7.4
NW	.0	1.1	1.3	.5	.2	.0						3.1	8.6
NNW	.0	1.5	1.7	1.2	.3	.0						4.8	9.4
VARBL													
CALM												5.5	
	.5	20.7	36.1	27.3	9.0	.9						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 6302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	2.4	3.1	.9	.4						7.3	12.1
NNE		.5	1.3	1.3	.1							3.3	10.7
NE		.9	.5	.1								1.5	6.8
ENE		.5	.7	.1								1.3	7.1
E		1.3	.9	.5								2.7	7.2
ESE		1.2	.9	.7	.1							2.9	8.6
SE		1.3	2.6	1.3								5.3	9.3
SSE		3.3	2.7	1.1	.6							7.7	8.5
S		5.6	9.9	9.7	5.7	.7						31.7	11.6
SSW		2.0	2.2	.6								4.8	7.7
SW		1.1	.5									1.6	5.7
WSW		1.0	.6									1.6	6.1
W		1.1	2.2	.4								3.7	7.9
WNW		2.0	3.5	1.1	.2							6.8	8.5
NW	.1	1.0	1.2	1.5	.4							4.2	10.1
NNW	.1	1.0	1.0	1.2	.5							3.8	10.3
VARBL													
CALM												9.9	
	.2	24.3	33.1	22.7	8.6	1.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	2.1	3.3	1.3	.2						8.4	11.8
NNE		.2	1.0	.7	.1							2.1	10.7
NE		.6	1.0	.2								1.8	8.2
ENE	.1	.2	.4	.1								.9	6.9
E		1.5	1.2	.9	.1							3.7	8.7
ESE		.6	1.1	.4								2.1	8.3
SE	.2	1.1	2.7	1.2								5.3	8.9
SSE	.1	3.8	1.8	1.2	.6							7.6	8.3
S		6.1	8.6	7.8	4.4	.7	.1					27.8	11.3
SSW		1.3	2.1	1.1								4.5	8.2
SW		1.6	.9	.1								2.6	6.2
WSW	.1	1.1	1.0	.1	.1							2.4	7.2
W		1.7	1.6									3.3	6.8
WNW		2.6	3.5	.9	.4							7.3	8.3
NW		2.1	2.4	1.2	.1	.1						6.0	9.0
NNW		.9	2.2	1.3	.5	.1						5.0	10.7
VARBL													
CALM												9.3	
	.6	26.9	33.5	20.7	7.7	1.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	OCT
STATION	STATION NAME	YEARS	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		2.0	2.1	1.7	1.6	.1						7.4	11.1
NNE			.7	.5	.5							1.7	12.0
NE		.2	.9	.2								1.3	8.3
ENE		1.0	.6									1.6	6.5
E		1.3	.5	.7	.2							2.8	9.0
ESE	.1	.9	1.2	1.0								3.2	8.5
SE		1.6	3.3	1.0	.1	.1						6.1	8.6
SSE	.1	2.4	2.8	1.7	.9							7.9	9.5
S	.5	4.3	7.8	8.2	4.3	1.0	.1					26.1	11.7
SSW		2.6	1.0	1.7								5.2	8.1
SW	.1	1.2	.6	.4	.1							2.4	7.1
WSW	.1	.9	.6									1.6	5.6
W		1.0	1.5	.1	.1							2.7	7.9
WNW		2.7	3.8	1.7	.2							8.4	8.5
NW		2.1	2.4	1.8	.6	.2						7.2	10.3
NNW		1.1	3.0	1.8	.4	.1						6.5	10.4
VARBL													
CALM												7.8	
	1.0	25.1	32.8	22.6	9.0	1.6	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 820

USAFETAC FORM AIR 64 0-8-5 OL-A1 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)

724596 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	3.3	5.4	2.1	.6						12.7	12.9
NNE		.2	1.1	1.2	.5							3.1	11.5
NE		.4	1.7	.6	.2							3.0	9.6
ENE		.4	.7	.5								1.6	9.1
E	.1	.2	1.2	.4								2.0	8.8
ESE	.1	.7	.4	.7	.6							2.6	11.1
SE		1.0	.6	2.2	1.1							4.9	12.1
SSE		.5	2.7	2.2	1.0	.2						6.7	11.8
S	.1	2.1	5.9	9.7	8.5	1.1	.2					27.7	14.0
SSW		.5	1.8	2.1	.6	.2						5.3	12.2
SW		.7	1.2	1.5	.5	.1						4.1	11.5
WSW		1.1	.4	.2	.1							1.8	7.6
W		.6	.9	.2	.2							2.0	9.2
WNW		.7	1.1	1.5	.7							4.1	11.6
NW		.4	2.3	1.8	1.6	.5						6.7	13.4
NNW		1.2	2.8	3.2	1.1	.4						8.7	11.7
VARBL													
CALM												3.2	
	.4	12.1	28.3	33.6	19.0	3.2	.2					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	2.1	5.2	3.3	1.0						12.9	13.9
NNE		.6	1.6	1.7	.1							4.1	10.7
NE		.5	1.8	.9		.1						3.3	10.0
ENE		.2	1.5	.5								2.2	9.0
E		.5	1.4	.4	.4							2.6	9.8
ESE		.4	1.4	1.0	.4							3.1	10.8
SE		.4	1.0	1.5	.2	.1						3.2	12.2
SSE		.4	2.1	2.8	1.4	.5						7.2	13.4
S		1.7	3.6	10.4	9.9	2.3	.1					28.0	15.1
SSW	.1	.6	2.3	1.7	1.6	.4						6.8	12.8
SW		.2	.5	1.4	.6	.2						3.0	13.5
WSW		.1	.4	.4	.4	.1						1.4	13.5
W		.4	1.5	.5	.4							2.7	10.6
WNW		.5	1.8	1.4	.7	.4						4.8	12.6
NW		.5	1.0	2.2	2.0	.4						6.0	14.3
NNW		.7	1.6	2.5	1.5	.5						6.8	13.3
VARBL													
CALM												2.0	
	.1	9.1	25.5	34.3	22.8	6.0	.1					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	2.9	4.7	1.7	.1						10.5	12.5
NNE		.4	2.2	1.7	.2							4.5	10.6
NE		.6	1.1	1.3	.4							3.4	10.6
ENE		1.1	1.5	.6	.1							3.3	8.4
E		.7	1.7	1.0	.4							3.8	9.5
ESE		.2	1.3	.4	.6							2.6	11.7
SE		.5	1.7	1.1	.7							4.0	11.7
SSE		.4	1.2	1.7	1.7	.1						5.1	13.9
S		1.1	6.2	9.9	8.8	1.7	.4					28.0	14.6
SSW		.7	1.3	1.8	1.8	.1						5.8	13.3
SW		.1	.9	1.1	.4	.1						2.6	13.1
WSW		.6	.6	.2	.1							1.6	8.2
W	.1	.7	.4	1.1	.1							2.4	9.9
WNW		.2	.6	2.7	.6	.1						4.3	12.9
NW		.2	2.4	2.9	1.9	.5						8.0	13.7
NNW		.6	1.6	4.5	1.1	.1						7.9	13.0
VARBL													
CALM												2.3	
	.2	9.1	27.6	36.7	20.7	2.9	.4					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.0	3.8	2.8	1.2	.2						10.1	10.7
NNE		1.0	2.5	.7		.1						4.3	8.9
NE		1.2	1.8	.6	.4							4.1	9.0
ENE		1.0	1.4	.6	.1							3.1	8.8
E		1.1	2.1	.2								3.4	7.5
ESE		1.7	1.7	.9	.5							4.8	9.2
SE		1.8	3.7	2.2	1.1							8.8	10.2
SSE		1.6	4.9	2.2	.6	.2						9.6	10.1
S		2.5	10.4	8.6	4.1							25.6	11.6
SSW		.7	1.0	.7	.1							2.6	9.1
SW		.6	1.6	.1								2.3	7.3
WSW	.1	.9	.7									1.7	6.3
W		1.7	1.1	.1								2.9	6.6
WNW		2.0	1.0	.2								3.2	7.2
NW		1.1	2.5	1.2	.1							4.9	9.1
NNW		1.2	1.4	1.6	.5							4.7	10.2
VARBL													
CALM												3.9	
	.1	22.1	41.5	23.0	8.7	.6						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	2.3	2.2	1.7	.2						7.9	11.9
NNE		1.3	1.5	.7	.2	.1						3.9	9.2
NE	.2	.9	.9	.4								2.3	7.5
ENE		.4	1.3	.2	.1							2.1	8.6
E		.9	1.6	.5	.1							3.1	8.7
ESE	.1	.4	1.2	.6	.5							2.8	10.3
SE		1.2	3.2	2.2	.9	.1						7.6	10.7
SSE		1.8	2.6	3.5	.5							8.4	10.4
S	.4	6.2	11.2	8.8	4.4	.4						31.4	10.8
SSW	.1	1.5	2.2	.6	.1							4.5	8.2
SW	.1	.9	.6	.7								2.3	8.5
WSW		.9	.1	.5								1.5	8.0
W		2.1	1.7	.7								4.5	7.6
WNW		1.7	2.4	.2	.1							4.5	7.6
NW	.1	1.3	1.0	1.0								3.4	8.6
NNW	.1	.7	1.5	1.0	.1							3.4	9.6
VARBL													
CALM												6.3	
	1.2	23.6	35.3	23.9	8.8	.9						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	2.6	3.6	1.7	.4						9.7	12.2
NNE		.5	1.5	1.1	.2	.0						3.4	10.4
NE	.0	.7	1.2	.6	.1	.0						2.6	9.1
ENE	.0	.6	1.0	.3	.0							2.0	8.3
E	.0	.9	1.3	.6	.2							3.0	8.7
ESE	.0	.8	1.1	.7	.3							3.0	9.8
SE	.0	1.1	2.3	1.6	.5	.0						5.6	10.3
SSE	.0	1.8	2.6	2.1	.9	.1						7.5	10.5
S	.1	3.7	8.0	9.1	6.2	1.0	.1					28.3	12.6
SSW	.0	1.2	1.7	1.3	.5	.1						4.9	10.3
SW	.0	.8	.8	.7	.2	.1						2.6	9.6
WSW	.0	.8	.6	.2	.1	.0						1.7	7.6
W	.0	1.2	1.3	.4	.1							3.0	8.1
WNW		1.5	2.2	1.2	.4	.1						5.4	9.4
NW	.0	1.1	1.9	1.7	.8	.2						5.8	11.4
NNW	.0	.9	1.9	2.1	.7	.2						5.8	11.5
VARBL													
CALM												5.6	
	.5	19.1	32.2	27.2	13.1	2.2	.1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 6534

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586	SALINA MAP KS	73-81	NOV
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		1.9	3.3	2.6	.9	.4						9.3	10.9
NNE		.5	.8	1.0								2.3	9.9
NE		.5	1.3	1.0								2.8	9.1
ENE		.5	.4	.6								1.5	8.6
E	.1	.6	1.0	.9								2.6	8.6
ESE		1.5	.8	.5								2.8	7.4
SE		1.4	1.9	.4								3.6	7.7
SSE		2.5	2.5	1.1	.1							6.3	8.1
S		5.5	8.9	5.4	3.8	.8	.1					24.4	10.9
SSW		1.5	2.1	1.5	.5							5.6	9.4
SW		1.0	.6	.5								2.1	7.9
WSW		.6	.5	.5								1.6	8.3
W		1.4	2.9	1.5								5.8	8.7
WNW	.1	1.5	4.5	1.8	.8	.1						8.8	9.7
NW	.1	2.0	2.4	2.1	1.8	.1	.1					8.6	11.3
NNW	.1	1.4	1.0	2.0	1.0							5.5	11.4
VARBL													
CALM												6.8	
	.5	24.3	34.7	23.4	8.8	1.4	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.8	2.3	1.0	.4						6.7	11.9
NNE		.4	1.0	2.3								3.6	11.2
NE		.6	1.1	.4	.1							2.3	8.8
ENE		.3	.4	.3								.9	8.0
E	.1	.5	1.5	.1	.1							2.4	8.4
ESE		1.0	.6	.9								2.5	8.4
SE		1.3	1.3	.8								3.3	8.3
SSE	.1	2.5	2.1	.5	.3							5.5	7.5
S	.1	4.9	8.4	5.7	2.9	.3						22.2	10.4
SSW		1.6	2.4	1.1	.1							5.3	8.4
SW		.9	1.3	.4								2.5	7.6
WSW		.8	1.6	.3								2.6	7.7
W	.1	.9	2.4	1.9	.4							5.7	10.4
WNW	.1	2.6	4.0	2.4	.5							9.7	9.2
NW		1.1	3.4	2.3	1.3	.6	.4					9.0	12.5
NNW	.1	1.4	1.6	1.5	1.4	.3						6.3	11.7
VARBL													
CALM												9.5	
	.9	21.9	34.9	22.9	8.0	1.5	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724566 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.9	2.5	.9	.1						6.1	12.1
NNE		.6	1.0	.6	.1	.1						2.5	10.1
NE	.1		1.4	1.3	.1							2.9	10.4
ENE	.1	.9	1.0	.5	.1							2.7	8.3
E	.1	.6	.9	.4								2.0	8.1
ESE		.4	.9	.4								1.6	8.3
SE		1.4	1.4	1.1								3.9	8.5
SSE		2.8	2.9	1.6								7.3	7.9
S		4.2	6.1	5.8	3.0	.3						19.3	10.9
SSW		1.9	1.3	.6								3.8	7.5
SW		1.3	2.1	.4								3.8	7.6
WSW		1.3	.6	.5								2.4	7.5
W		1.3	1.3	1.6								4.2	9.2
WNW		2.3	5.2	2.0	.5							10.0	9.1
NW		1.9	3.8	2.5	1.1		.4					9.7	11.0
NNW		1.8	2.0	2.8	2.0	.5						9.1	12.4
VARBL													
CALM												8.6	
	.4	27.1	33.8	24.8	8.0	1.0	.4					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 791

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	2.4	4.3	1.9							9.7	12.2
NNE		.3	1.1	1.1	.4	.1						3.0	11.9
NE		.6	1.9	1.1	.1	.1						3.9	10.4
ENE	.3	.3	1.5	.4								2.4	8.3
E	.1	.8	.8	.6	.1							2.4	8.4
ESE	.1	.3	.9	.5								1.8	9.3
SE		1.0	.9	.4	.1							2.4	8.5
SSE	.1	.6	2.1	1.4	.8	.1						5.2	10.9
S	.1	2.0	7.2	7.7	3.1	1.1						21.3	12.2
SSW		1.0	2.1	1.5	.9							5.5	11.0
SW		1.1	2.0	.4	.1							3.7	8.3
WSW	.3	1.4	1.0	.4	.1							3.1	7.2
W	.1	1.0	1.9	1.0								4.0	8.7
WNW	.3	.3	3.1	2.9	1.3	.3						8.1	12.3
NW		1.5	2.1	2.5	2.5	1.0	.3					9.9	13.9
NNW		.6	2.6	3.4	1.8	.9						9.3	13.4
VARBL													
CALM												4.3	
	1.4	13.9	33.8	29.6	13.2	3.7	.3					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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		.9	2.8	5.4	2.0	.6						11.8	13.2
NNE	.1	1.3	1.3	1.5	.6	.1						5.0	10.7
NE		1.2	1.4	.9								3.5	8.7
ENE		.6	.9	.5								2.0	9.1
E		.8	1.4	.9								3.1	9.0
ESE		.4	.3	.9	.1							1.7	11.1
SE		.6	.3	.1								1.0	7.5
SSE		.4	2.0	1.5	.8	.1						4.9	11.5
S		1.5	5.9	7.8	4.9	1.4						21.5	13.6
SSW		1.3	3.5	2.4	1.0							8.2	10.7
SW		.5	1.4	1.0	.6	.1						3.7	11.5
WSW	.1	.5	.8	.4	.1							1.9	8.8
W		.6	1.0	1.7	.3							3.6	10.6
WNW		.3	1.3	2.6	1.0	.4						5.5	13.5
NW	.1	.6	2.4	3.1	3.2	.6	.1					10.2	14.1
NNW		1.0	1.2	4.9	2.2	.8	.4					10.4	14.6
VARBL													
CALM												2.2	
	.4	12.5	27.7	35.5	16.9	4.2	.5					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.8	3.6	5.0	1.7	1.0						13.2	12.4
NNE			1.9	1.4								3.3	10.3
NE		1.3	1.3	.4								2.9	8.0
ENE		.4	1.0	1.2								2.6	9.9
E		1.2	2.1	.6	.3							4.1	8.9
ESE		.5	.6	.3								1.4	8.4
SE		.6	.8	.6								2.1	8.6
SSE	.1	.5	2.7	2.8	1.2							7.3	11.7
S		1.8	6.4	7.2	4.1	1.0						20.5	12.9
SSW		.8	2.4	1.9	.3	.1						5.5	10.7
SW		.5	1.7	.9	.3	.1						3.5	10.2
WSW		.6	.8	.4		.1						1.9	9.2
W		.5	1.4	1.4	.5							3.8	11.2
WNW		.5	2.1	2.1	.8	.5						5.9	12.4
NW	.1	.9	2.8	3.1	2.4	.9						10.3	13.1
NNW	.1	.8	2.1	4.2	1.3	.8	.1					9.4	13.5
VARBL													
CALM												2.3	
	.5	12.7	33.6	33.5	12.7	4.6	.1					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	3.9	2.5	1.1	.4						10.1	10.7
NNE		.3	2.0	1.3								3.6	9.9
NE		1.0	2.0	.3								3.3	8.0
ENE		1.3	.9	.5								2.7	7.7
E		3.3	2.0	.3	.3							5.9	7.1
ESE		.9	1.3	.3								2.4	8.1
SE	.1	1.1	1.9	.6	.5							4.3	9.1
SSE		1.5	3.4	1.9	.3							7.1	9.2
S		2.3	10.8	6.7	2.8							22.6	10.8
SSW		.8	2.4	.4								3.6	8.4
SW		1.0	.8	.1								1.9	6.8
WSW	.1	1.0	2.2	.4								3.7	7.7
W		2.3	1.9	.8	.1							5.1	7.6
WNW		1.4	1.5	1.0	.6	.3	.1					5.0	10.8
NW		.5	2.9	2.3	.6	.3						6.6	11.5
NNW	.1	1.4	1.9	2.0	1.8	.8						8.0	12.8
VARBL													
CALM												4.2	
	.5	22.0	42.0	21.4	8.1	1.7	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	3.2	2.4	.9	.4						8.1	11.3
NNE		.3	1.6	1.5	.3							3.7	10.8
NE		1.6	1.9	.5								4.0	8.0
ENE		1.5	1.4	.4								3.3	7.4
E		1.0	1.5	.5	.1							3.2	8.2
ESE		1.1	.9	.1								2.1	6.6
SE	.1	1.6	2.0	.8								4.6	7.9
SSE		2.3	2.3	1.3	.5							6.3	8.8
S		4.4	8.6	5.9	3.0	1.0						23.0	11.0
SSW	.1	.9	3.5	1.6	.3							6.4	9.4
SW		1.3	1.3	.4	.1							3.0	8.0
WSW		1.5	.5	.3								2.3	6.6
W		1.1	2.9	.4		.1	.1					4.7	9.2
WNW		1.3	2.9	2.0	.5	.1						6.8	10.4
NW	.1	1.5	1.9	1.5	.9	.3						6.2	10.7
NNW	.1	1.4	1.6	2.0	1.1	.6						7.0	11.9
VARBL													
CALM												5.3	
	.5	24.1	38.1	21.6	7.7	2.5	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.3	2.8	3.4	1.3	.4						9.3	11.9
NNE	.0	.4	1.3	1.3	.2	.0						3.4	10.7
NE	.0	.9	1.5	.7	.0	.0						3.2	8.9
ENE	.0	.7	.9	.5	.0							2.2	8.4
E	.1	1.1	1.4	.5	.1							3.2	8.2
ESE	.0	.8	.8	.5	.0							2.0	8.3
SE	.0	1.1	1.3	.6	.1							3.1	8.3
SSE	.0	1.6	2.5	1.5	.5	.0						6.2	9.4
S	.0	3.3	7.8	6.5	3.4	.7	.0					21.9	11.6
SSW	.0	1.2	2.5	1.4	.4	.0						5.5	9.7
SW		.9	1.4	.5	.1	.0						3.0	8.7
WSW	.1	1.0	1.0	.4	.0	.0						2.5	7.8
W	.0	1.1	2.0	1.3	.2	.0	.0					4.6	9.4
WNW	.1	1.3	3.1	2.1	.7	.2	.0					7.5	10.7
NW	.1	1.3	2.7	2.4	1.7	.5	.2					8.8	12.4
NNW	.1	1.2	1.8	2.8	1.6	.6	.1					8.1	12.9
VARBL													
CALM												5.4	
	.6	19.3	34.8	26.6	10.4	2.6	.3					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 6319

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.9	4.4	1.8	.2						9.7	12.7
NNE		.5	.6	1.1	.1							2.3	10.6
NE		.6	.7	.4								1.7	8.1
ENE	.1	.5	.7	.4								1.7	7.8
E		1.1	1.5	.7								3.3	8.5
ESE	.1	1.0	1.8	.2								3.2	7.6
SE		.7	1.0	.2	.1							2.1	8.3
SSE		2.3	3.0	.7	.2							6.3	7.9
S	.1	4.5	8.4	7.3	2.4	.2						23.0	10.5
SSW		.6	2.7	.9	.1							4.3	9.0
SW		1.8	1.5	.4								3.7	7.3
WSW		1.0	.5	.2								1.7	7.3
W		1.5	2.9	1.3								5.7	8.6
WNW	.1	1.9	3.0	1.7	.7	.4						7.9	10.4
NW	.1	1.7	2.3	2.4	.5							7.1	9.8
NNW		1.1	1.7	3.2	1.2	.2						7.4	12.3
VARBL													
CALM												8.9	
	.6	22.2	34.3	25.6	7.3	1.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 821

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)

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.7	5.1	2.0	.6						10.7	13.2
NNE		.1	1.5	1.0	.1							2.7	10.4
NE		.6	.6	.7	.1	.1						2.2	10.5
ENE		.9	.7	.4								2.0	7.8
E		.4	.2	.5								1.1	9.6
ESE		.7	1.2	.7	.2							2.9	9.5
SE		1.5	1.1	.9								3.4	8.2
SSE		1.6	1.6	.6	.4	.1						4.3	8.9
S	.2	4.0	7.7	6.6	1.5	.2						20.3	10.2
SSW	.1	2.0	3.5	1.3	.1							7.1	8.6
SW	.1	1.2	.9	.2								2.4	6.8
WSW		1.3	.9	.6								2.8	7.7
W	.1	1.8	2.3	1.2								5.5	8.2
WNW	.1	1.8	3.5	2.1	.4	.4						8.3	10.1
NW	.1	2.3	2.6	2.7	.4	.2						8.3	10.1
NNW		1.1	1.0	3.4	1.0	.2						6.7	12.3
VARBL													
CALM												9.3	
	.9	22.7	31.0	28.1	6.1	2.0						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.5	3.5	2.3	1.1						9.7	14.1
NNE		.6	.5	.7								1.8	8.7
NE		.7	.2	1.2	.5							2.7	11.5
ENE		1.0	.7	.1								1.8	6.5
E		.9	1.2	.4								2.4	8.0
ESE		.5	1.2	.4								2.1	8.3
SE		.5	1.2	.4	.1							2.2	8.9
SSE		2.7	1.9	1.3	.4							6.3	8.7
S	.2	3.3	6.6	5.7	3.2	.1						19.1	10.9
SSW		1.5	1.9	.9								4.3	8.3
SW		1.2	1.3	.1								2.7	6.7
WSW		1.7	1.7	.2	.1							3.8	7.1
W		1.7	2.4	1.3								5.5	8.5
WNW		1.8	3.9	2.1	.2	.1						8.2	9.5
NW		2.3	3.3	3.5	.9							10.0	10.4
NNW		1.0	2.3	4.1	.6	.1						8.2	11.7
VARBL													
CALM												9.4	
	.2	22.6	32.0	26.0	8.3	1.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	2.3	4.6	3.2	1.3						13.7	13.8
NNE		.2	.6	.7	.2	.1						2.0	12.4
NE		.4	.5	1.0	.2							2.1	11.2
ENE		.2	.7	.1	.1							1.2	9.4
E		.6	1.2									1.8	7.5
ESE		.2	.5	1.2								2.0	10.9
SE		.5	1.1	.2								1.8	8.2
SSE		1.1	.9	.7								2.7	8.4
S		2.6	5.4	6.5	5.0	.5	.1					20.0	12.8
SSW	.2	1.1	2.3	2.4	.7	.1						7.0	10.7
SW		1.2	2.0	.6	.2							4.0	8.8
WSW		1.2	.6	.4								2.2	7.3
W		1.0	1.8	.5	.1							3.4	8.1
WNW		1.2	2.7	2.9	.4	.1						7.3	10.8
NW		1.8	3.1	3.2	1.3	.9						10.3	12.2
NNW	.1	1.2	2.4	4.3	1.8	.4						10.3	12.5
VARBL													
CALM												8.2	
	.4	16.9	28.1	29.5	13.4	3.4	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	2.7	4.6	3.8	1.0						13.4	13.9
NNE		.2	1.0	.9	.5							2.6	11.4
NE		.5	.9	.2	.5							2.1	10.6
ENE		.6	.7	.2	.1							1.7	8.6
E		.7	.7	.1								1.6	6.7
ESE		.5	.5	.5	.4							1.9	10.4
SE		.4	.6	.5								1.5	9.0
SSE		.5	1.0	.9								2.4	8.9
S		.9	5.3	7.3	4.2	.6	.1	.1				18.6	13.5
SSW		1.1	2.2	2.5	1.0	.5						7.3	12.2
SW	.1	1.4	1.7	2.1	.2	.1						5.7	10.0
WSW		.7	1.6	1.0	.2							3.6	10.1
W	.1	1.1	1.4	1.9								4.5	9.4
WNW		.7	2.0	1.2	.7	.2	.1					5.1	12.0
NW		1.1	2.1	2.5	2.2	.5	.2					8.7	13.7
NNW		1.6	3.8	4.5	2.7	1.0	.1					13.7	11.3
VARBL													
CALM												5.8	
	.2	13.4	28.3	30.8	16.7	4.0	.6	.1				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	4.1	5.7	2.2	.5	.1					14.5	12.6
NNE		.4	.5	1.9	.2							3.0	12.4
NE		.6	1.0	.7								2.3	9.5
ENE		.5	1.5	.1								2.1	7.9
E		1.9	1.2	.2								3.4	6.6
ESE		.1	.2	.1	.2	.1						.8	13.1
SE	.1	.8	.7	.4								2.1	7.7
SSE		1.5	2.4	1.2	.1							5.2	8.9
S		1.1	6.3	7.0	4.1	.2	.1					18.9	12.6
SSW		1.1	1.6	1.2	.7							4.6	10.9
SW	.1	1.0	1.6	1.5	.1							4.2	9.4
WSW		.7	1.3	.1	.1	.1						2.4	9.1
W		.7	1.0	1.2	.1							3.0	9.5
WNW		.6	1.8	1.7	.2	.2						4.6	11.1
NW		1.2	1.9	2.7	1.6	.6						8.0	12.9
NNW		2.3	3.8	5.5	1.8	1.3						14.7	12.6
VARBL													
CALM												6.1	
	.2	16.5	30.9	31.3	11.6	3.2	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.5	5.3	4.8	1.9	.4	.1					15.0	11.6
NNE		.5	1.2	.5	.4							2.6	10.0
NE		.9	1.0	.5	.1							2.5	8.9
ENE		1.0	.9	.2								2.1	6.9
E		1.1	2.6	.2								4.0	7.6
ESE		1.7	.9									2.6	6.6
SE		2.0	2.4									4.3	6.7
SSE		1.7	3.5	.9	.1							6.2	8.2
S		2.4	8.9	5.1	1.9	.1						18.4	10.6
SSW		1.1	2.9	1.4	.1							5.5	9.2
SW	.1	1.2	1.7									3.1	6.8
WSW		1.0	.7									1.7	6.5
W		1.9	2.9									4.7	6.9
WNW	.1	1.4	2.1	.5	.2	.1						4.5	8.8
NW		1.1	2.0	2.0	.9	.1						6.1	11.3
NNW	.1	2.6	2.2	3.0	1.6	.4						9.9	11.3
VARBL													
CALM												6.7	
	.4	24.1	41.2	19.1	7.2	1.1	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	2.5	4.8	1.4	.5						11.0	12.3
NNE	.1	.5	1.2	1.2	.1							3.2	10.2
NE		1.2	.6	.4	.1							2.4	7.4
ENE	.1	.5	.5	.4								1.5	8.2
E	.2	1.1	1.9	.4								3.6	7.3
ESE	.1	1.1	.9									2.1	6.2
SE	.1	1.5	1.7	.7								4.1	8.0
SSE	.1	1.6	1.9	1.2	.1	.1						5.1	8.7
S		3.7	9.2	5.9	3.1	.4						22.3	10.7
SSW		1.4	2.8	.9	.5							5.6	9.5
SW		1.1	1.6	.2								3.0	7.1
WSW		.9	1.0	.4								2.2	7.6
W	.1	2.0	2.6	.2	.1							5.1	7.4
WNW	.4	2.0	3.2	.7	.6	.4						7.3	9.5
NW		.4	2.2	1.5	.6	.1						4.8	11.5
NNW		1.1	1.6	3.2	1.2	.2						7.4	12.3
VARBL													
CALM												9.4	
	1.4	21.9	35.4	22.3	7.9	1.7						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.8	4.7	2.3	.7	.0					12.2	13.0
NNE	.0	.4	.9	1.0	.2	.						2.5	10.8
NE		.7	.7	.6	.2	.0						2.2	9.8
ENE	.0	.6	.8	.2	.0							1.8	7.8
E	.0	1.0	1.3	.3								2.7	7.6
ESE	.0	.7	.9	.4	.1	.0						2.2	8.6
SE	.0	1.0	1.2	.4	.0							2.7	8.0
SSE	.0	1.6	2.0	1.0	.2	.0						4.8	8.5
S	.1	2.8	7.2	6.4	3.2	.3	.0	.0				20.1	11.4
SSW	.0	1.2	2.5	1.4	.4	.1						5.7	9.9
SW	.1	1.3	1.5	.6	.1	.0						3.6	8.2
WSW		1.1	1.0	.4	.1	.0						2.6	8.0
W	.0	1.5	2.2	1.0	.0							4.7	8.3
WNW	.1	1.4	2.8	1.6	.4	.2	.0					6.7	10.2
NW	.0	1.5	2.4	2.6	1.0	.3	.0					7.9	11.5
NNW	.0	1.5	2.4	3.9	1.5	.5	.0					9.8	12.4
VARBL													
CALM												8.0	
	.5	20.0	32.7	26.6	9.8	2.2	.1	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 6526

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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	.0	1.4	2.7	3.0	1.4	.3	.0	.0				8.9	11.8
NNE	.0	.5	1.2	1.1	.3	.0	.0					3.2	10.8
NE	.0	.8	1.5	1.0	.2	.0	.0					3.4	9.7
ENE	.0	.8	1.3	.7	.1	.0						3.0	9.1
E	.0	1.2	2.0	1.1	.2	.0		.0				4.4	9.0
ESE	.0	.9	1.6	.9	.2	.0						3.6	9.4
SE	.0	1.2	2.0	1.5	.3	.0	.0					5.0	9.8
SSE	.0	1.6	2.9	2.4	.8	.1	.0					7.8	10.5
S	.1	2.9	7.2	8.5	4.3	.6	.0	.0				23.5	12.2
SSW	.0	1.1	1.9	1.7	.7	.1	.0					5.4	10.8
SW	.0	.8	1.1	.7	.2	.0	.0					2.8	9.4
WSW	.0	.8	.7	.3	.1	.0	.0					2.0	8.6
W	.0	1.1	1.4	.7	.2	.0	.0					3.4	9.0
WNW	.0	1.3	1.9	1.1	.4	.1	.0	.0				4.9	9.9
NW	.0	1.1	1.8	1.6	.8	.2	.0	.0				5.5	11.4
NNW	.0	1.1	1.7	2.2	1.0	.3	.0	.0				6.4	12.0
VARBL													
CALM												6.6	
	.6	18.3	32.9	28.5	11.0	1.9	.2	.0				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 76990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.4	4.6	7.5	4.3	1.1	.1	.0				19.0	13.6
NNE	.0	.6	2.4	2.9	.9	.1	.0					7.0	11.8
NE		1.1	2.6	2.2	.5	.1						6.5	10.4
ENE	.0	1.1	2.3	1.7	.3	.0						5.5	9.8
E	.0	1.5	3.2	2.5	.3	.0						7.5	9.8
ESE		1.1	2.0	1.4	.3							4.8	9.6
SE	.1	.8	2.0	1.6	.4	.1	.0					5.0	10.6
SSE	.0	.9	1.9	2.0	.7	.1	.0					5.7	11.2
S	.1	1.2	3.5	4.0	2.4	.3	.0					11.5	12.5
SSW	.0	.3	.7	.5	.1	.0	.0					1.6	9.9
SW		.3	.4	.2	.0							1.0	8.4
WSW	.1	.3	.3	.1	.1	.0						.9	8.4
W	.0	.4	.5	.2	.1	.1						1.3	9.8
WNW		.6	.9	.8	.4	.2	.1	.0				3.0	11.9
NW	.1	.5	1.6	1.7	1.2	.3	.1					5.4	13.1
NNW	.0	.8	2.6	3.7	1.9	.6	.1	.0				9.7	13.4
VARBL													
CALM												4.6	
	.5	13.0	31.5	33.2	13.8	2.9	.4	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 7662

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

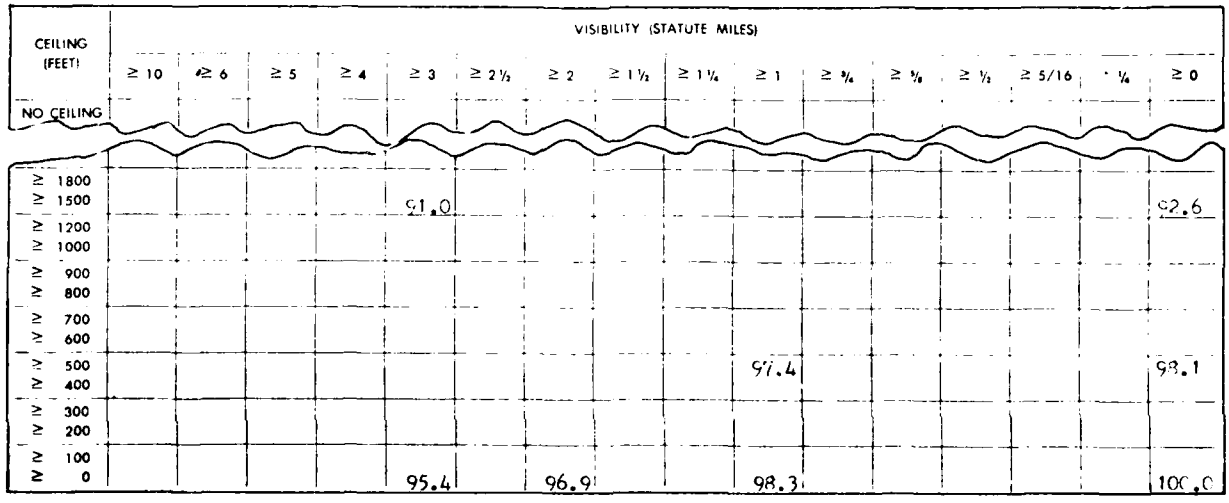
D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



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

724586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FT)	VISIBILITY (STATUTE MILES)																
	10	25	24									2	1½	1	½	¼	0
	41.1	63.3	63.7	64.1	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
	44.1	68.1	68.5	68.8	69.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
	44.1	68.1	68.5	68.8	69.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
	44.1	68.1	68.5	68.8	69.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
	45.0	69.2	69.6	70.0	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
	45.4	69.6	70.0	70.3	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
	47.4	72.4	72.9	73.3	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
	47.4	72.4	72.9	73.3	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
	48.6	74.1	74.6	74.9	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
	49.1	74.7	75.2	75.6	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
	49.8	75.3	75.8	76.2	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1
	49.9	76.1	76.7	77.1	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
	49.9	76.4	77.1	77.4	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
	50.0	76.9	77.7	78.1	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
	50.1	77.2	77.9	78.3	78.8	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
	51.9	79.7	80.4	80.8	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7
	52.4	80.3	81.2	81.5	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
	53.1	82.0	82.9	83.3	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2
	53.4	82.4	83.3	83.7	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
	53.4	83.5	84.4	84.9	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
	53.9	84.8	86.2	86.7	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
	54.0	85.8	87.3	88.0	89.4	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
	54.0	86.0	87.5	88.4	90.0	90.1	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
	54.0	86.0	87.7	88.8	90.4	90.6	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8
	54.0	86.0	87.9	89.0	91.0	91.3	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
	54.0	86.2	88.4	89.9	91.9	92.1	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
	54.0	86.2	88.5	90.3	92.5	92.8	94.1	94.6	94.9	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.6
	54.0	86.2	88.7	90.4	93.1	93.4	95.4	96.0	96.3	96.5	96.5	96.5	97.0	97.0	97.0	97.0	97.1
	54.1	86.2	88.7	90.4	93.3	93.5	95.9	96.5	96.8	97.0	97.0	97.0	97.8	97.8	97.8	97.8	97.9
	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.8	98.8	98.8	99.0	99.1
	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.8	98.8	98.8	99.0	99.1
	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.8	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	10	9	8	7	6	5	4	3½	3	2½	2	1½	1¼	1	½	0
NO CEILING	39.0	60.7	60.8	61.0	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	40.8	65.1	65.2	65.5	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
18000	40.8	65.1	65.2	65.5	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
17000	40.8	65.1	65.2	65.5	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
16000	41.6	66.3	66.5	66.7	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
15000	41.9	67.0	67.1	67.3	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
14000	43.4	68.7	68.8	69.1	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
13000	43.5	68.8	68.9	69.2	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
12000	44.3	70.3	70.4	70.7	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
11000	45.5	71.5	71.6	71.9	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
10000	46.2	72.6	72.7	73.0	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
9000	47.8	75.0	75.3	75.6	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
8000	47.8	75.1	75.5	75.7	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
7000	47.8	75.3	75.7	76.0	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
6500	48.3	76.0	76.3	76.6	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
6000	49.2	77.3	77.7	77.9	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
5500	49.8	78.1	78.4	78.7	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
5000	50.7	79.3	79.8	80.0	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
4500	50.7	79.5	80.0	80.3	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
4000	50.8	80.4	80.9	81.5	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
3500	51.2	82.0	82.5	83.2	84.1	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
3000	51.3	82.7	83.6	84.6	85.7	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
2500	51.5	83.0	84.5	85.7	86.8	86.9	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2000	51.9	83.7	85.3	86.6	87.8	88.0	88.9	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1800	51.9	83.8	85.9	87.4	88.9	89.1	90.0	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1600	51.9	84.1	86.4	88.5	90.0	90.5	91.5	92.1	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1400	51.9	84.2	86.8	88.9	90.6	91.4	92.5	93.2	93.5	93.7	93.8	93.8	94.2	94.2	94.2	94.2	94.2
1200	51.9	84.2	86.9	89.0	91.1	92.1	93.2	94.2	94.5	94.7	94.8	94.8	95.2	95.2	95.2	95.2	95.2
1000	51.9	84.2	86.9	89.1	91.5	92.5	94.1	95.1	95.3	95.7	96.1	96.1	96.8	96.9	96.9	96.9	96.9
900	51.9	84.2	86.9	89.1	91.5	92.5	94.2	95.3	95.6	96.1	96.7	96.7	98.0	98.2	98.3	98.3	98.3
800	51.9	84.2	86.9	89.1	91.5	92.5	94.2	95.3	95.6	96.1	96.7	96.7	98.4	98.5	98.6	98.9	98.9
< 800	51.9	84.2	86.9	89.1	91.5	92.5	94.2	95.3	95.6	96.1	96.7	96.7	98.4	98.5	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

774586 SALINA MAP KS | 73-81 | JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING IN HUNDREDS OF FEET	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥
≥ 22000	36.9	58.0	58.0	58.3	58.4	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
20000	39.4	63.7	63.7	64.0	64.1	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
18000	39.4	63.7	63.7	64.0	64.1	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
17000	39.4	63.7	63.7	64.0	64.1	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
16000	39.7	64.9	64.9	65.1	65.2	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
15000	40.5	66.1	66.1	66.3	66.5	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
14000	42.3	69.3	69.4	69.7	69.8	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
13000	42.3	69.3	69.4	69.7	69.8	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
12000	42.6	69.9	70.2	70.4	70.5	70.5	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
11000	43.6	70.9	71.2	71.4	71.5	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
10000	44.6	72.2	72.4	72.6	72.8	72.8	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
9000	45.7	73.6	74.3	74.6	74.8	74.8	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
8500	46.2	74.4	75.0	75.5	75.6	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
8000	47.2	75.7	76.4	76.9	77.0	77.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
7500	47.8	76.4	77.0	77.5	77.6	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
7000	48.1	77.0	77.6	78.1	78.2	78.2	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
6500	49.0	78.0	78.6	79.1	79.2	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
6000	49.8	79.0	79.7	80.2	80.4	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
5500	49.8	79.2	80.0	80.6	80.9	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
5000	50.4	80.0	81.3	82.2	82.5	82.5	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
4500	51.1	81.2	82.8	83.8	84.3	84.3	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
4000	51.9	82.4	84.4	85.8	86.5	86.6	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
3500	51.7	83.0	85.3	86.9	87.6	87.7	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3000	51.9	83.3	85.8	87.7	88.9	89.0	89.9	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6
2500	51.9	83.4	86.4	88.5	89.9	90.0	91.0	91.2	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7
2000	51.9	83.4	86.6	88.9	90.5	90.6	91.8	92.1	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6
1800	51.9	83.5	86.8	89.1	91.0	91.4	93.3	93.6	93.6	93.9	94.1	94.1	94.3	94.3	94.3	94.3
1700	51.9	83.5	86.8	89.1	92.0	92.7	94.6	94.9	94.9	95.8	96.2	96.2	96.4	96.4	96.4	96.4
1600	51.9	83.5	86.8	89.1	92.1	92.8	95.2	95.7	95.7	97.3	97.6	97.6	98.3	98.3	98.3	98.3
1500	51.9	83.5	86.8	89.1	92.1	92.9	95.2	95.7	95.7	97.4	98.1	98.1	98.9	99.0	99.0	99.1
1400	51.9	83.5	86.8	89.1	92.1	92.9	95.2	95.7	95.7	97.4	98.3	98.3	99.1	99.3	99.4	99.5
0	51.9	83.5	86.8	89.1	92.1	92.9	95.2	95.7	95.7	97.4	98.3	98.3	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0		
22000	32.1	49.4	49.5	49.5	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
20000	37.3	58.5	59.0	59.1	59.6	59.6	60.0	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3
18000	37.5	58.6	59.1	59.3	59.8	59.8	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4
17000	37.5	58.6	59.1	59.3	59.8	59.8	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4
16000	38.3	59.[illegible]	[illegible]0	60.2	60.7	60.7	61.0	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.3
15000	39.2	60.7	61.2	61.3	61.8	61.8	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4
14000	42.1	66.0	66.5	66.7	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8
13000	42.1	66.0	66.5	66.7	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8
12000	43.4	67.9	68.4	68.5	69.0	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.7	69.7	69.7	69.7
11000	43.9	68.4	68.9	69.0	69.5	69.5	69.9	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2
10000	44.7	69.8	70.3	70.4	70.9	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6
9000	46.2	71.9	72.4	72.7	73.2	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9
8000	46.4	72.2	72.7	73.1	73.6	73.6	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
7000	47.4	73.4	74.1	74.7	75.3	75.3	75.8	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1
6000	48.5	74.7	75.3	75.9	76.6	76.6	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3
5000	49.2	76.1	76.7	77.7	78.4	78.4	78.9	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2
4500	49.7	76.7	77.3	78.3	79.1	79.1	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8
4000	50.4	78.1	78.7	79.9	80.7	80.7	81.2	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.5
3500	50.4	78.4	79.1	80.3	81.1	81.1	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8
3000	51.0	79.3	80.3	81.7	82.5	82.5	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
2500	51.0	80.6	82.0	83.5	84.2	84.3	85.0	85.0	85.0	85.2	85.2	85.2	85.5	85.5	85.5	85.5
2000	51.4	81.5	83.7	85.8	86.8	87.0	87.6	87.7	87.7	88.0	88.0	88.0	88.2	88.2	88.2	88.2
1800	51.4	81.8	84.8	87.1	88.1	88.2	88.8	89.1	89.1	89.3	89.3	89.3	89.7	89.7	89.7	89.7
1600	51.4	82.0	85.3	88.1	89.3	89.5	90.5	90.7	90.7	91.1	91.1	91.1	91.5	91.5	91.5	91.5
1400	51.4	82.1	85.5	88.2	89.6	89.7	90.7	91.1	91.1	91.5	91.5	91.5	91.9	91.9	91.9	91.9
1200	51.4	82.1	85.5	88.5	90.0	90.1	91.1	91.5	91.5	91.9	91.9	91.9	92.2	92.2	92.2	92.2
1000	51.4	82.2	86.1	89.2	91.2	91.5	93.1	93.5	93.6	94.4	94.9	94.9	95.7	95.7	95.7	95.7
900	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.2	95.4	96.2	96.9	96.9	97.9	97.9	97.9	97.9
800	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.0	99.0	99.0	99.0
700	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.2	99.2	99.4	99.6
600	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.2	99.2	99.4	99.7
500	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
NO CEILING	33.4	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	38.2	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	38.2	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000	38.2	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4500	39.5	61.8	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	62.5	62.5
≥ 3500	39.9	62.5	62.9	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
≥ 3000	41.8	67.3	67.6	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	68.0
≥ 2500	41.9	67.4	67.8	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
≥ 2000	44.8	70.7	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1800	45.0	70.8	71.2	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	71.6
≥ 1600	45.7	71.8	72.2	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	72.6
≥ 1400	46.9	73.5	74.0	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
≥ 1200	47.3	74.3	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1000	47.9	74.9	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 900	49.3	76.4	77.2	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 800	50.1	77.6	78.6	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 700	50.7	78.2	79.2	79.6	79.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 600	51.3	80.0	81.7	82.0	82.3	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 500	51.3	80.5	82.2	82.5	82.8	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 450	52.1	82.3	84.1	85.0	85.2	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 400	52.4	83.4	85.6	86.5	86.8	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 350	52.5	84.1	86.2	87.9	88.9	89.2	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 300	52.5	84.3	86.6	88.5	89.7	89.9	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 250	52.6	84.7	87.6	90.1	91.2	91.5	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	
≥ 200	52.6	85.0	88.2	90.7	91.8	92.2	93.4	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	
≥ 175	52.6	85.0	88.2	91.0	92.1	92.5	93.6	94.0	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.4	
≥ 150	52.6	85.0	88.3	91.3	92.7	93.8	95.3	95.8	96.2	96.7	96.8	96.8	96.8	96.9	96.9	96.9	
≥ 100	52.6	85.0	88.4	91.6	93.1	94.1	95.8	96.4	96.8	97.3	97.5	97.5	97.5	97.6	97.6	97.6	
≥ 70	52.7	85.1	88.5	92.1	93.6	94.6	96.4	97.1	97.5	98.1	98.5	98.5	98.6	98.7	99.0	99.0	
≥ 50	52.7	85.1	88.5	92.1	93.6	94.6	96.4	97.1	97.5	98.2	98.7	98.7	99.4	99.6	100.0	100.0	
≥ 30	52.7	85.1	88.5	92.1	93.6	94.6	96.4	97.1	97.5	98.2	98.7	98.7	99.4	99.6	100.0	100.0	
≥ 0	52.7	85.1	88.5	92.1	93.6	94.6	96.4	97.1	97.5	98.2	98.7	98.7	99.4	99.6	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
≥ 22000	36.9	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 14000	42.8	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	43.7	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	46.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	46.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	47.7	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	47.9	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	48.3	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	48.7	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	49.1	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	50.2	78.1	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	50.6	78.8	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	50.8	80.1	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	51.2	81.6	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	51.9	83.1	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	52.1	83.9	85.3	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	52.8	85.6	87.0	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	53.3	86.8	88.7	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	53.3	87.7	89.9	90.7	90.8	91.0	91.2	91.4	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	53.3	87.8	90.0	91.0	91.2	91.4	91.5	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	53.3	87.9	90.3	91.8	92.0	92.4	92.8	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	53.3	88.2	90.7	92.3	92.8	93.4	93.8	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	53.3	88.3	91.5	93.2	93.9	94.5	94.9	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	53.3	88.3	91.5	93.3	94.1	95.0	95.5	96.4	96.4	96.5	96.6	96.6	97.0	97.0	97.0	97.0
≥ 400	53.3	88.3	91.5	93.3	94.1	95.1	95.8	96.6	96.8	97.0	97.3	97.3	97.9	97.9	98.0	98.0
≥ 300	53.3	88.3	91.5	93.3	94.3	95.3	96.0	96.9	97.3	97.9	98.3	98.3	98.9	98.9	99.0	99.0
≥ 200	53.3	88.3	91.5	93.3	94.3	95.3	96.1	97.0	97.4	98.0	98.9	98.9	99.8	99.9	100.0	100.0
≥ 100	53.3	88.3	91.5	93.3	94.3	95.3	96.1	97.0	97.4	98.0	98.9	98.9	99.8	99.9	100.0	100.0
≥ 0	53.3	88.3	91.5	93.3	94.3	95.3	96.1	97.0	97.4	98.0	98.9	98.9	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0				
22000	37.3	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
20000	41.2	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
18000	41.2	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
16000	41.2	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
14000	42.4	66.7	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	67.2
12000	43.5	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4
10000	47.0	72.2	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
9000	47.0	72.2	72.7	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	73.0
8000	48.0	73.4	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
7000	48.4	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
6000	49.0	75.2	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
5000	49.6	76.2	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
4500	49.8	76.3	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
4000	51.1	78.0	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
3500	51.7	79.2	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
3000	52.0	80.3	80.8	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	81.6
2500	52.2	81.6	82.1	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
2000	52.7	83.3	83.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4
1800	53.1	83.6	84.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
1700	53.2	85.0	85.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
1600	53.6	86.1	87.2	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
1500	53.7	86.6	88.0	89.3	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
1400	53.7	86.6	88.5	90.0	90.6	90.7	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
1300	53.7	87.1	89.2	90.8	91.8	92.1	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
1200	53.7	87.1	89.2	90.8	91.8	92.1	92.1	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.3
1100	53.7	87.2	89.3	91.4	92.7	92.9	93.1	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.5
1000	53.7	87.2	89.3	91.4	92.7	92.9	93.1	94.5	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.8
900	53.7	87.5	89.7	91.9	93.3	93.8	94.0	95.5	95.8	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.3
800	53.7	87.5	89.8	92.3	93.7	94.2	94.4	95.9	96.3	97.3	97.8	97.8	97.9	97.9	97.9	97.9	98.1
700	53.7	87.5	89.8	92.3	93.7	94.2	94.7	96.2	96.7	97.6	98.9	98.9	99.3	99.3	99.3	99.5	
600	53.7	87.5	89.8	92.3	93.7	94.2	94.7	96.2	96.7	97.6	98.9	98.9	99.4	99.5	99.5	100.0	
CIG	53.7	87.5	89.8	92.3	93.7	94.2	94.7	96.2	96.7	97.6	98.9	98.9	99.4	99.5	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
≥ 22000	39.3	59.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	42.8	65.2	66.2	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	42.8	65.2	66.2	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
≥ 17000	42.8	65.2	66.2	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	43.9	66.5	67.5	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
≥ 15000	44.4	67.0	68.0	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	68.4
≥ 14000	47.2	70.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 13000	47.2	70.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	47.9	71.9	72.9	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
≥ 11000	47.9	72.8	73.8	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
≥ 10000	49.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	49.6	74.9	75.9	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
≥ 8000	49.6	75.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	50.2	76.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6500	50.6	76.9	77.9	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	50.9	78.3	79.3	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5500	51.6	79.9	81.1	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	81.7
≥ 5000	52.4	81.8	83.1	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	52.8	82.3	83.7	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	53.7	84.1	85.6	86.4	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	54.2	85.3	86.8	87.7	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	54.7	85.9	87.8	88.8	89.8	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	54.7	86.2	88.5	90.0	91.3	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	54.7	86.3	88.8	90.7	92.3	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	54.7	86.3	89.1	91.3	93.0	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	54.7	86.3	89.1	92.1	93.7	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	54.7	86.3	89.2	92.6	94.2	94.4	94.9	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6
≥ 1200	54.7	86.4	89.3	92.8	94.5	94.9	95.7	96.4	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7
≥ 1000	54.7	86.4	89.3	93.0	94.6	95.0	96.1	96.7	96.9	96.9	96.9	97.0	97.4	97.4	97.4	97.4	97.4
≥ 900	54.7	86.4	89.3	93.0	94.6	95.2	96.5	97.2	97.5	97.9	98.1	98.2	98.9	98.9	98.9	99.0	99.0
≥ 800	54.7	86.4	89.3	93.0	94.6	95.2	96.5	97.2	97.5	97.9	98.1	98.2	98.9	99.1	99.1	99.4	99.4
< 800	54.7	86.4	89.3	93.0	94.6	95.2	96.5	97.2	97.5	97.9	98.1	98.2	98.9	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

774586 SALINA MAP KS 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	≥22	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 22000	37.0	57.1	57.4	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9
≥ 20000	40.7	63.9	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	40.7	64.0	64.3	64.5	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 17000	40.7	64.0	64.3	64.5	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	41.7	65.3	65.7	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 15000	42.3	66.1	66.5	66.7	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	44.7	69.9	70.3	70.5	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 13000	44.7	70.0	70.4	70.6	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	45.9	71.6	72.0	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 11000	46.4	72.2	72.7	72.9	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	47.2	73.3	73.8	74.0	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
≥ 9000	48.0	74.7	75.2	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0
≥ 8000	48.2	75.1	75.7	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5
≥ 7000	49.0	76.1	76.7	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 6500	49.6	76.9	77.6	78.0	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	50.3	78.3	79.0	79.5	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
≥ 5500	50.8	79.3	80.0	80.6	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	51.5	80.8	81.8	82.4	82.7	82.7	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 4500	51.7	81.2	82.2	82.9	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	52.2	82.5	83.7	84.6	85.0	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 3500	52.6	83.8	85.2	86.1	86.7	86.8	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3
≥ 3000	52.8	84.6	86.4	87.6	88.5	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
≥ 2500	52.9	84.9	87.0	88.4	89.4	89.6	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.5
≥ 2000	52.9	85.1	87.5	89.3	90.5	90.7	91.3	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9
≥ 1800	52.9	85.2	87.8	89.8	91.1	91.4	92.0	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8
≥ 1500	52.9	85.3	88.1	90.4	91.8	92.1	92.9	93.4	93.5	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1200	52.9	85.4	88.3	90.8	92.4	92.9	94.0	94.6	94.8	95.1	95.3	95.3	95.6	95.6	95.6
≥ 1000	52.9	85.4	88.5	91.0	92.9	93.6	94.9	95.7	95.9	96.3	96.6	96.6	96.9	97.0	97.0
≥ 900	52.9	85.4	88.5	91.1	93.2	93.8	95.3	96.2	96.5	97.1	97.5	97.5	98.1	98.1	98.2
≥ 800	52.9	85.4	88.5	91.1	93.2	93.9	95.5	96.4	96.7	97.5	98.1	98.2	99.0	99.1	99.2
≥ 700	52.9	85.4	88.5	91.1	93.2	93.9	95.5	96.4	96.7	97.5	98.2	98.2	99.1	99.2	99.4
≥ 600	52.9	85.4	88.5	91.1	93.2	93.9	95.5	96.4	96.7	97.5	98.2	98.2	99.1	99.2	99.4
< 600	52.9	85.4	88.5	91.1	93.2	93.9	95.5	96.4	96.7	97.5	98.2	98.2	99.1	99.2	99.4
VISIBILITY (MILES)	100.0														

TOTAL NUMBER OF OBSERVATIONS 6410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586 SALINA MAP KS 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ UNL	41.6	61.3	63.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	44.2	65.3	67.2	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	44.2	65.3	67.2	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 17000	44.2	65.3	67.2	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	44.8	66.1	67.9	68.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 15000	44.9	66.2	68.1	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	46.1	67.5	69.4	70.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 13000	46.1	67.5	69.4	70.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	46.4	68.1	69.9	70.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 11000	46.6	68.7	70.6	71.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	47.2	69.8	71.7	72.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	47.8	70.9	72.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	47.8	70.9	72.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	48.5	72.1	74.0	75.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	49.0	73.0	75.0	75.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	49.9	74.0	76.2	77.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	50.1	75.5	77.7	78.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	50.7	77.6	80.0	80.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	51.3	78.5	81.1	82.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	51.5	80.0	82.8	83.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	52.1	81.6	84.8	86.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	52.5	82.1	85.4	87.2	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	52.5	82.4	85.7	87.5	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	52.5	82.4	86.0	88.1	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	52.5	82.4	86.2	88.5	91.5	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	52.5	82.4	86.5	88.7	92.1	92.3	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	52.5	82.4	86.5	88.9	92.7	93.0	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	52.5	82.4	86.5	89.0	93.1	93.4	94.4	95.2	95.4	95.6	95.6	95.8	96.0	96.0	96.2	96.2
≥ 700	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	96.3	96.6	96.7	97.0	97.0	97.1	97.1
≥ 600	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	97.1	97.4	97.5	98.5	98.5	98.9	98.9
≥ 500	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	97.1	97.4	97.5	99.1	99.1	99.5	99.5
< 500	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	97.1	97.4	97.5	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 755

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

CEILING FEET	≥ 22	≥ 20	≥ 17	≥ 14	≥ 12	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ 0
≥ UNLIM	42.3	60.0	60.3	60.5	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 25000	44.9	64.5	65.3	65.6	66.1	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
≥ 18000	44.9	64.5	65.3	65.6	66.1	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
≥ 17000	44.9	64.5	65.3	65.6	66.1	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
≥ 14000	45.3	65.4	66.2	66.5	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	45.3	65.6	66.4	66.6	67.2	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
≥ 11000	46.8	67.7	68.5	68.7	69.3	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
≥ 9000	46.8	67.8	68.6	68.9	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	47.4	68.6	69.4	69.7	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	70.6
≥ 7000	47.8	69.1	69.9	70.2	70.7	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
≥ 6000	48.2	69.7	70.5	70.7	71.3	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
≥ 5000	49.1	71.0	71.8	72.1	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	49.3	71.3	72.3	72.6	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	73.5
≥ 4000	49.3	71.3	72.3	72.6	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	73.5
≥ 3500	49.5	72.1	73.2	73.5	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3000	49.9	73.1	74.3	74.6	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	49.9	73.9	75.2	75.5	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2000	50.3	75.5	76.8	77.1	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	50.9	76.2	77.5	77.7	78.5	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
≥ 1600	51.7	78.1	79.7	80.0	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1400	52.3	80.0	82.3	83.3	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	52.6	80.8	83.0	84.5	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	52.6	80.9	83.4	85.0	86.2	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 900	52.6	81.1	83.6	85.4	87.3	87.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 800	52.6	81.1	84.0	86.2	88.2	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	52.6	81.2	84.1	86.5	88.6	89.8	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	52.6	81.3	84.4	86.8	89.5	90.7	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 500	52.6	81.3	84.4	86.8	89.7	90.9	92.5	93.1	93.2	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	52.6	81.3	84.4	86.8	90.1	91.3	93.1	93.8	93.9	94.4	95.0	95.0	96.2	96.4	96.4	96.4	96.4	96.4
≥ 300	52.6	81.3	84.4	86.8	90.1	91.4	93.4	94.2	94.3	94.8	95.4	95.4	97.6	97.9	98.1	98.1	98.1	98.1
≥ 200	52.6	81.5	84.5	86.9	90.2	91.5	93.5	94.3	94.4	95.1	96.0	96.0	99.3	99.6	99.9	99.9	99.9	99.9
≥ 100	52.6	81.5	84.5	86.9	90.2	91.5	93.5	94.3	94.4	95.1	96.0	96.0	99.3	99.6	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 755

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0			
NO CEILING	35.3	55.1	55.3	55.6	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	38.6	59.2	59.8	60.2	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	38.6	59.2	59.8	60.2	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 15000	38.6	59.2	59.8	60.2	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	39.6	60.3	60.8	61.2	61.5	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	39.7	60.7	61.2	61.6	61.9	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	41.7	64.2	64.7	65.1	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	41.7	64.2	64.7	65.1	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	42.1	64.6	65.1	65.5	65.8	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	42.5	65.1	65.7	66.1	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	43.6	66.6	67.6	68.0	68.2	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	44.4	67.8	68.8	69.2	69.4	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	44.5	68.1	69.0	69.4	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000	44.8	68.4	69.3	69.7	70.0	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	45.1	69.0	70.3	70.8	71.1	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	45.1	69.3	70.8	71.3	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500	45.4	69.9	71.3	71.9	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	46.3	72.0	73.6	74.2	74.6	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	46.4	72.9	74.7	75.4	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	47.0	73.9	75.6	76.3	76.7	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200	48.2	76.6	78.5	80.1	80.8	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1000	48.2	77.1	79.0	81.3	82.0	82.1	82.5	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8
≥ 900	48.2	77.1	79.0	81.3	82.8	83.3	83.7	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3
≥ 800	48.2	77.3	79.3	82.0	83.6	84.3	84.8	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5
≥ 700	48.2	77.3	79.3	82.4	84.3	84.9	85.6	85.9	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	48.2	77.3	79.4	82.6	84.7	85.3	86.1	86.4	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2
≥ 500	48.2	77.3	79.5	82.8	85.2	86.0	87.5	88.0	88.4	89.0	89.4	89.4	89.5	89.5	89.5	89.5
≥ 400	48.2	77.4	79.7	82.9	85.5	86.4	88.8	89.6	90.0	90.6	91.3	91.4	91.7	91.7	91.7	91.7
≥ 300	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.0	91.8	92.9	93.0	94.1	94.1	94.2	94.2
≥ 200	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.3	92.6	94.1	94.2	96.4	96.4	97.0	97.0
≥ 100	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.3	92.7	94.6	95.0	97.7	97.7	98.8	99.2
≥ 0	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.3	92.7	94.6	95.0	97.7	97.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼			
NO CEILING	31.7	50.9	51.5	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	35.9	56.4	57.2	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	35.9	56.5	57.3	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	35.9	56.5	57.3	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	37.2	58.0	58.8	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	37.8	58.8	59.6	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	40.4	61.7	62.5	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	40.4	62.0	62.8	63.2	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	40.8	62.5	63.3	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	41.5	63.3	64.1	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	42.3	64.7	65.5	65.9	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	43.0	65.3	66.1	66.5	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	43.1	65.5	66.4	66.8	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	43.6	66.1	67.1	67.5	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	43.6	66.5	67.5	68.0	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	43.6	66.5	67.5	68.0	68.5	68.7	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 2500	44.2	67.2	68.5	69.6	70.1	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2000	45.1	69.5	71.2	72.4	73.0	73.2	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1800	45.1	69.5	71.2	72.4	73.0	73.2	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1500	45.9	71.0	73.2	74.6	75.2	75.5	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1200	46.3	72.8	75.1	77.0	77.6	77.9	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 1000	46.3	73.5	76.6	79.1	80.5	80.7	81.7	81.8	81.8	81.9	81.9	81.9	82.1	82.1	82.1	82.1
≥ 900	46.3	73.9	77.1	79.7	81.4	81.7	82.6	83.1	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7
≥ 800	46.3	73.9	77.4	80.2	82.1	82.6	83.7	84.5	84.5	84.7	84.7	84.9	85.1	85.1	85.1	85.1
≥ 700	46.5	74.0	78.2	81.1	83.1	84.1	85.3	86.2	86.2	86.5	86.5	86.6	86.9	86.9	86.9	86.9
≥ 600	46.5	74.0	78.4	81.5	83.9	84.9	86.3	87.4	87.4	87.7	87.8	88.0	88.5	88.5	88.5	88.5
≥ 500	46.5	74.2	78.7	81.8	84.7	86.3	88.0	89.7	89.8	90.4	90.5	90.8	91.6	91.6	91.6	91.6
≥ 400	46.5	74.2	78.7	81.8	84.7	86.3	88.2	90.2	90.6	91.4	91.8	92.1	93.0	93.0	93.0	93.0
≥ 300	46.5	74.2	78.8	82.1	85.1	86.9	88.8	91.3	91.8	93.4	94.1	94.5	96.0	96.1	96.1	96.1
≥ 200	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	94.9	95.3	97.2	97.3	97.5	97.5
≥ 100	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 0	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7245 66	SALINA MAP KS	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400
HOUR

VISIBILITY (STATUTE MILES)

CEILING (FEET)	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
UNLIM	33.8	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
20000	38.3	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
15000	38.3	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
12000	38.3	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
10000	39.3	59.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
9000	40.1	60.5	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
8000	40.9	61.5	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
7000	41.0	61.9	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	41.3	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
5000	42.2	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
4500	43.0	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
4000	43.9	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
3500	44.3	66.4	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
3000	44.9	67.2	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
2500	45.3	68.0	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
2000	46.3	69.2	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
1500	47.3	70.8	72.2	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
1000	47.8	73.0	74.6	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
800	48.2	73.6	75.5	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
600	48.6	75.9	78.0	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
400	48.6	77.5	80.3	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
200	48.6	78.4	81.4	83.4	84.6	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
100	48.6	78.7	82.2	84.4	85.9	86.0	86.3	86.7	86.8	86.8	87.0	87.0	87.0	87.0
0	48.9	79.4	83.5	86.0	88.0	88.3	88.9	89.3	89.5	89.5	89.9	89.9	89.9	89.9
M	48.9	79.4	83.6	86.4	88.4	88.9	89.6	90.0	90.1	90.1	90.5	90.5	90.5	90.5
M	48.9	79.5	83.9	87.0	89.1	89.7	90.5	90.9	91.1	91.3	91.7	91.7	91.9	91.9
M	48.9	79.6	84.3	88.3	90.5	92.3	93.6	94.0	94.1	94.5	94.9	94.9	95.2	95.2
M	48.9	79.6	84.3	88.4	90.9	92.9	94.3	94.8	94.9	95.5	96.3	96.3	96.5	96.5
M	48.9	79.6	84.3	88.4	90.9	93.1	94.4	95.3	95.5	96.3	97.6	98.0	98.3	98.4
M	48.9	79.6	84.3	88.4	90.9	93.1	94.4	95.3	95.5	96.4	97.7	98.3	98.7	98.8
M	48.9	79.6	84.3	88.4	90.9	93.1	94.4	95.3	95.5	96.4	97.7	98.3	98.7	98.8
M	48.9	79.6	84.3	88.4	90.9	93.1	94.4	95.3	95.5	96.4	97.7	98.3	98.7	98.8

99.2 99.6
99.3 100.0

TOTAL NUMBER OF OBSERVATIONS 751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
GMT

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	36.2	54.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	40.5	61.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	40.5	61.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	40.5	61.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	41.2	62.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	41.7	63.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	43.2	64.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	43.4	64.9	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	43.7	65.4	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
≥ 7000	44.2	66.1	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
≥ 6000	44.5	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	45.1	69.0	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
≥ 4500	45.2	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4000	46.5	70.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	46.9	71.4	72.8	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	48.4	72.9	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2500	49.2	75.5	76.8	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 2000	49.6	77.6	79.8	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 1800	49.7	77.9	80.0	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0
≥ 1500	50.1	79.9	82.4	83.0	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8
≥ 1200	50.8	81.5	85.0	86.2	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.3	87.3	87.3
≥ 1000	50.9	83.1	87.3	88.9	89.7	89.9	89.9	90.2	90.3	90.3	90.3	90.3	90.6	90.6	90.6
≥ 900	50.9	83.1	87.3	89.1	90.3	90.8	90.8	91.0	91.2	91.2	91.2	91.2	91.4	91.4	91.4
≥ 800	50.9	83.4	87.8	89.7	90.9	91.4	91.4	91.7	91.8	91.8	91.8	91.8	92.1	92.1	92.1
≥ 700	50.9	83.4	87.8	89.8	91.6	92.4	92.4	92.8	92.9	92.9	92.9	92.9	93.2	93.2	93.2
≥ 600	50.9	83.4	88.2	91.0	92.9	93.7	93.7	94.1	94.2	94.2	94.2	94.2	94.5	94.5	94.5
≥ 500	50.9	84.0	88.9	91.8	93.8	95.1	95.7	96.2	96.4	96.5	96.5	96.5	96.8	96.8	96.8
≥ 400	50.9	84.0	89.0	92.1	94.4	96.0	96.5	97.1	97.3	97.5	97.5	97.5	97.7	97.7	97.7
≥ 300	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	99.1	99.1	99.1
≥ 200	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	99.5	99.5	99.5
≥ 100	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	99.5	99.6	99.6
≥ 0	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 746

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
NO CEILING	37.3	57.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	40.7	64.7	66.1	66.1	66.	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	40.7	64.7	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	40.7	64.7	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	41.6	65.8	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	41.8	65.9	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	43.5	68.4	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	43.5	68.4	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	44.1	68.9	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	44.7	69.9	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	46.2	71.5	72.8	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	46.6	73.5	75.0	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	46.9	73.8	75.3	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	47.4	74.3	75.9	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	47.8	75.3	77.0	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	49.1	77.6	79.3	79.7	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	49.5	79.5	81.4	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	49.9	80.5	82.8	83.6	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	50.1	80.8	83.4	84.2	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	50.9	82.4	85.8	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	50.9	83.6	87.7	88.9	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	51.1	84.1	88.4	89.9	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	51.2	84.2	88.8	90.7	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	51.2	84.3	89.1	91.2	92.0	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	51.2	84.3	89.2	91.8	92.8	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	51.2	84.3	89.2	91.9	93.4	94.2	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	51.2	84.6	89.5	92.6	94.1	95.0	95.3	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	51.2	84.6	89.5	92.6	94.2	95.3	95.8	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	51.2	84.6	89.5	92.6	94.2	95.5	96.1	96.9	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	51.2	84.6	89.5	92.6	94.3	95.7	96.2	97.0	98.0	98.6	99.1	99.3	99.5	99.5	99.5	99.5
≥ 100	51.2	84.6	89.5	92.6	94.3	95.7	96.2	97.0	98.0	98.8	99.3	99.6	99.9	99.9	99.9	99.9
≥ 0	51.2	84.6	89.5	92.6	94.3	95.7	96.2	97.0	98.0	98.8	99.3	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	6	5	4	3	2½	2	1½	1¼	1	¾	½	⅜	¼	0
NO CEILING	40.8	62.7	64.2	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	42.9	67.3	68.9	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	42.9	67.3	68.9	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	42.9	67.3	68.9	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	43.4	68.2	69.8	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	43.8	68.6	70.2	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	45.2	71.3	73.2	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	45.2	71.3	73.2	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	45.8	72.1	74.0	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
≥ 7000	46.0	72.4	74.3	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
≥ 6000	46.6	73.1	75.1	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	47.5	74.3	76.3	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	47.5	74.4	76.4	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	48.1	75.1	77.1	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	48.7	76.1	78.2	79.0	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	49.7	78.3	80.4	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	49.9	79.4	81.5	82.3	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	50.1	81.9	84.5	85.3	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	50.3	82.2	85.1	86.1	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	50.5	83.2	86.7	88.1	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	50.5	83.9	88.3	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	50.5	83.9	88.5	90.3	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	50.5	83.9	88.5	90.6	90.9	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	50.5	83.9	89.0	91.4	91.7	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	50.5	84.0	89.4	92.2	92.8	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	50.5	84.2	89.7	92.6	93.3	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	50.5	84.2	89.7	92.8	93.8	94.0	94.5	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	50.5	84.2	89.7	93.0	94.4	94.8	95.4	95.8	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	50.5	84.2	89.7	93.0	94.5	94.9	95.6	96.1	97.1	97.2	97.3	97.3	97.6	97.6	97.6	97.6
≥ 200	50.5	84.2	89.7	93.0	94.6	95.0	95.7	96.2	97.3	98.1	98.4	98.4	99.2	99.2	99.2	99.2
≥ 100	50.5	84.2	89.7	93.0	94.6	95.0	95.7	96.2	97.3	98.4	98.7	98.7	99.5	99.5	99.5	99.6
≥ 0	50.5	84.2	89.7	93.0	94.6	95.0	95.7	96.2	97.3	98.4	98.7	98.7	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 746

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	≥1	≥¾	≥½	≥½	≥¼	≥¼	≥¼	≥0
NO CEILING	37.3	56.8	57.7	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	40.8	62.2	63.3	63.6	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
≥ 18000	40.8	62.2	63.3	63.7	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
≥ 16000	40.8	62.2	63.3	63.7	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
≥ 14000	41.6	63.2	64.4	64.7	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	41.9	63.7	64.8	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	43.5	65.9	67.0	67.4	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	43.5	66.0	67.2	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	44.0	66.6	67.8	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	44.5	67.3	68.5	68.8	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	45.2	68.5	69.7	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	45.9	69.7	71.0	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	46.1	69.9	71.3	71.6	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	46.6	70.6	72.0	72.3	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	47.0	71.4	72.9	73.3	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	47.7	72.6	74.2	74.6	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
≥ 2500	48.2	73.9	75.6	76.3	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 2000	48.7	75.9	77.9	78.6	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1800	49.0	76.4	78.6	79.3	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 1500	49.6	78.1	80.5	81.4	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	50.0	79.7	82.7	84.1	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1000	50.1	80.4	83.7	85.6	86.5	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 900	50.1	80.5	84.0	86.0	87.3	87.6	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 800	50.1	80.7	84.4	86.7	88.3	88.7	89.1	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7
≥ 700	50.2	80.7	84.7	87.3	89.1	89.7	90.1	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥ 600	50.2	80.8	84.9	87.7	89.7	90.4	91.1	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 500	50.2	80.9	85.2	88.2	90.6	91.6	92.6	93.1	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9
≥ 400	50.2	81.0	85.2	88.3	90.9	92.0	93.2	94.0	94.4	94.8	95.0	95.1	95.4	95.4	95.4	95.4	95.4
≥ 300	50.2	81.0	85.2	88.4	91.1	92.4	93.6	94.7	95.1	95.7	96.3	96.4	97.0	97.1	97.1	97.1	97.1
≥ 200	50.2	81.0	85.2	88.4	91.1	92.4	93.7	94.8	95.3	96.3	96.9	97.1	98.3	98.4	98.6	98.6	
≥ 100	50.2	81.0	85.2	88.4	91.1	92.4	93.7	94.8	95.3	96.4	97.2	97.5	99.0	99.1	99.4	99.5	
≥ 0	50.2	81.0	85.2	88.4	91.1	92.4	93.7	94.8	95.3	96.4	97.2	97.5	99.0	99.1	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 5983

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0 (0)	≥ ¼	≥ 0
NO CEILING	37.4	55.0	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	40.0	60.8	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
≥ 18000	40.0	60.8	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
≥ 16000	40.0	60.8	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
≥ 14000	40.3	61.4	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	40.4	61.6	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	41.7	63.2	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 9000	41.8	63.4	64.1	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	42.6	64.6	65.3	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
≥ 7000	43.4	65.7	66.4	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
≥ 6000	44.1	67.2	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	45.2	68.9	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4500	45.7	69.5	70.2	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
≥ 4000	46.2	71.1	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
≥ 3500	46.8	72.8	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	47.2	73.7	74.5	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	47.7	74.8	75.9	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000	48.1	77.5	78.7	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	48.1	77.9	79.3	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1600	49.0	79.1	81.3	82.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1400	49.3	80.6	83.1	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	49.8	82.0	84.6	86.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	49.9	82.2	85.0	86.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	50.0	82.4	85.4	87.9	90.7	90.7	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	50.1	82.7	86.2	89.1	92.8	92.9	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	50.1	83.1	87.0	90.4	94.9	95.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	50.1	83.1	87.1	90.7	95.1	95.3	96.7	96.7	96.7	96.7	96.9	96.9	97.1	97.1	97.1	97.1
≥ 500	50.1	83.1	87.1	90.7	95.2	95.5	97.2	97.2	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5
≥ 400	50.1	83.1	87.1	90.7	95.3	95.6	97.5	97.5	97.5	97.5	97.9	97.9	98.2	98.2	98.2	98.2
≥ 300	50.1	83.1	87.1	90.7	95.3	95.7	97.7	97.7	97.7	97.8	98.3	98.3	99.3	99.3	99.3	99.3
≥ 200	50.1	83.1	87.1	90.7	95.3	95.7	97.7	97.7	97.7	97.8	98.4	98.5	99.9	99.9	99.9	99.9
< 200	50.1	83.1	87.1	90.7	95.3	95.7	97.7	97.7	97.7	97.8	98.4	98.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 816

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	1¾	1½	1¼	1	¾	½	¼	0
NO CEILING	35.1	52.9	53.3	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	37.1	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	37.1	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	37.1	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	37.8	59.1	59.6	60.0	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	37.9	59.2	59.7	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	39.2	61.4	61.9	62.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	39.3	61.5	62.0	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	40.3	63.2	63.8	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	41.0	63.9	64.6	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	41.5	64.8	65.4	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	42.8	66.9	67.6	68.1	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	43.0	67.1	67.8	68.3	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4000	43.7	69.1	69.9	70.5	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3500	44.6	70.3	71.1	71.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	44.8	71.1	72.0	72.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	45.7	72.6	73.7	74.4	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	46.2	73.8	75.3	76.0	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	46.7	74.7	76.6	77.3	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1500	47.0	76.5	79.2	80.0	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1200	47.5	77.5	81.0	82.3	84.9	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	47.6	78.3	82.2	83.8	86.8	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
900	47.6	78.4	82.3	83.9	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 800	48.0	79.2	83.1	85.0	89.4	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	48.0	79.4	83.6	85.7	90.4	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	48.0	79.5	83.8	86.0	91.6	92.1	92.8	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	48.0	79.5	83.8	86.1	92.7	93.2	94.9	95.6	95.6	96.1	96.3	96.3	96.5	96.5	96.5	96.5
≥ 400	48.0	79.5	83.8	86.1	93.1	93.7	95.6	96.3	96.3	96.8	97.1	97.1	97.2	97.2	97.2	97.2
≥ 300	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.1	97.9	98.2	98.2	98.5	98.5	98.8	98.8
≥ 200	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.2	98.1	98.3	98.4	98.9	98.9	99.1	99.1
≥ 100	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.2	98.1	98.4	98.5	99.3	99.3	99.5	99.5
≥ 0	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.2	98.1	98.4	98.5	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 821

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

CEILING FEET	≥10	6	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
NO CEILING	31.2	45.1	46.1	46.8	47.3	47.3	47.8	48.2	48.2	48.3	48.3	48.3	48.3	48.5
≥ 20000	33.0	50.7	51.7	52.7	53.4	53.5	54.0	54.4	54.4	54.5	54.5	54.5	54.5	54.7
≥ 18000	33.1	50.7	51.7	52.7	53.4	53.5	54.0	54.4	54.4	54.5	54.5	54.5	54.5	54.7
≥ 17000	33.0	50.7	51.7	52.7	53.4	53.5	54.0	54.4	54.4	54.5	54.5	54.5	54.5	54.7
≥ 14000	33.4	51.5	52.4	53.4	54.1	54.2	54.7	55.1	55.1	55.2	55.2	55.2	55.2	55.5
≥ 12000	33.7	52.7	53.6	54.6	55.3	55.5	55.9	56.3	56.3	56.4	56.4	56.4	56.4	56.7
≥ 10000	36.0	55.8	56.9	58.1	58.9	59.0	59.5	59.8	59.8	60.0	60.0	60.0	60.0	60.2
≥ 9000	36.2	56.3	57.4	58.6	59.3	59.5	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.7
≥ 8000	36.9	58.4	59.5	60.7	61.4	61.5	62.0	62.4	62.4	62.5	62.5	62.5	62.5	62.7
≥ 7000	37.3	58.7	60.1	61.3	62.0	62.1	62.6	63.0	63.0	63.1	63.1	63.1	63.1	63.3
≥ 6500	37.9	59.7	61.0	62.3	63.0	63.1	63.6	64.0	64.0	64.1	64.1	64.1	64.1	64.3
≥ 5000	39.0	61.9	64.0	65.2	65.9	66.0	66.5	66.9	66.9	67.0	67.0	67.0	67.0	67.2
≥ 4500	39.3	62.4	64.6	65.8	66.5	66.6	67.1	67.5	67.5	67.6	67.6	67.6	67.6	67.8
≥ 4000	40.5	64.3	66.6	67.8	68.6	68.7	69.3	69.7	69.7	69.8	69.8	69.8	69.8	70.0
≥ 3500	41.4	65.5	67.8	69.1	69.8	69.9	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.2
≥ 3000	41.6	66.5	68.9	70.4	71.2	71.4	72.0	72.3	72.3	72.5	72.5	72.5	72.5	72.7
≥ 2500	42.4	67.7	70.5	72.1	73.1	73.3	73.9	74.3	74.3	74.5	74.5	74.5	74.5	74.8
≥ 2000	43.6	69.9	72.9	74.5	75.5	75.8	76.5	76.8	76.8	77.1	77.1	77.1	77.1	77.3
≥ 1800	43.8	70.9	74.4	76.0	76.9	77.3	77.9	78.3	78.3	78.5	78.5	78.5	78.5	78.8
≥ 1700	44.3	72.7	76.3	77.9	79.2	79.6	80.2	80.6	80.6	80.8	80.8	80.8	80.8	81.1
≥ 1500	44.7	73.5	77.5	79.7	81.3	81.7	82.4	82.9	82.9	83.1	83.1	83.1	83.1	83.4
≥ 1400	44.7	74.4	78.6	81.2	83.1	83.5	84.5	85.2	85.2	85.6	85.6	85.6	85.6	85.8
≥ 1300	44.7	74.8	79.2	82.2	84.6	85.2	86.4	87.3	87.3	87.7	87.7	87.7	87.7	88.0
≥ 1200	44.7	75.2	80.0	83.0	85.7	86.3	87.6	88.6	88.6	89.1	89.1	89.1	89.1	89.3
≥ 1100	44.7	75.6	80.6	83.7	87.1	87.9	89.4	90.4	90.4	91.3	91.3	91.3	91.3	91.5
≥ 1000	44.1	76.1	81.1	84.3	88.0	88.7	90.4	91.5	91.5	92.4	92.4	92.4	92.4	92.6
≥ 900	44.8	76.3	81.7	85.3	89.6	90.7	92.7	94.3	94.3	95.1	95.3	95.3	95.3	95.5
≥ 800	44.8	76.3	81.7	85.3	89.7	90.8	93.1	95.0	95.1	96.1	96.5	96.5	96.5	96.7
≥ 700	44.8	76.3	81.7	85.3	89.8	91.0	93.4	95.6	95.8	96.8	97.3	97.3	97.7	97.9	98.2
≥ 600	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	97.9	98.1	98.7	98.7	98.9	99.2
≥ 500	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.9	99.0	99.5	99.8
< 500	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.9	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0	≥0
NO CEILING	29.2	41.0	41.6	41.8	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 25000	35.2	51.0	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	35.2	51.0	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	35.2	51.0	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	36.0	52.6	53.5	53.8	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	36.2	53.5	54.3	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	38.5	56.1	57.0	57.3	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	38.7	56.2	57.1	57.5	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 6000	39.4	58.8	59.9	60.2	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 5000	40.0	59.9	61.0	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	40.6	60.7	61.9	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 4000	42.7	63.5	64.7	65.2	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	42.7	63.6	65.0	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	43.2	64.4	65.7	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2500	44.1	65.6	66.9	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 2000	44.0	66.5	68.0	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1800	45.3	68.4	69.8	70.8	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1600	46.7	71.9	73.8	74.9	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1400	46.8	72.2	74.2	75.4	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1200	47.8	74.7	77.2	78.7	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1000	48.6	76.2	79.0	80.7	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 900	48.7	77.8	81.0	82.7	83.6	84.0	84.4	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 800	48.7	78.1	81.8	83.5	84.6	85.0	85.3	85.3	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 700	48.7	78.2	82.1	84.2	85.3	85.8	86.4	86.5	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 600	49.0	79.3	83.8	86.5	88.2	88.7	89.3	89.7	89.9	90.7	90.8	90.8	90.8	90.8	90.8	90.8
≥ 500	49.0	80.0	85.0	87.8	89.8	90.4	91.3	91.6	91.9	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 450	49.1	80.1	85.9	89.3	92.1	92.7	93.9	94.3	94.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	49.1	80.1	85.9	89.8	93.2	93.8	95.2	96.0	96.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 350	49.1	80.1	85.9	89.8	93.2	93.8	95.4	96.5	97.1	98.5	98.8	98.8	98.9	98.9	99.2	99.2
≥ 300	49.1	80.1	85.9	89.8	93.2	93.8	95.5	96.7	97.3	98.8	99.2	99.2	99.5	99.5	99.9	100.0
≥ 250	49.1	80.1	85.9	89.8	93.2	93.8	95.5	96.7	97.3	98.8	99.2	99.2	99.5	99.5	99.9	100.0
≥ 200	49.1	80.1	85.9	89.8	93.2	93.8	95.5	96.7	97.3	98.8	99.2	99.2	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	33.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	38.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	38.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	38.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	39.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	40.3	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	41.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 9000	41.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	43.0	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	63.4
≥ 7000	43.4	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	64.4
≥ 6000	43.7	65.7	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
≥ 5000	44.8	67.7	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
≥ 4500	45.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	45.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3500	46.1	69.9	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
≥ 3000	46.9	71.9	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
≥ 2500	48.2	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	50.3	77.3	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800	50.5	77.9	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1500	51.9	81.2	82.0	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	52.5	82.9	84.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	52.7	84.4	86.0	87.7	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	52.9	84.8	87.0	88.9	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	52.9	85.2	87.8	90.0	90.9	90.9	90.9	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	52.9	85.5	88.5	91.6	92.8	93.0	93.0	93.2	93.3	93.6	93.6	93.6	93.7	93.7	93.7
≥ 600	52.9	86.8	89.8	93.1	94.9	95.0	95.4	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1
≥ 500	52.9	87.2	90.5	94.3	96.2	96.4	96.8	97.1	97.2	97.4	97.4	97.4	97.7	97.8	97.8
≥ 400	52.9	87.2	90.5	94.4	96.6	96.8	97.3	97.9	98.2	98.5	98.5	98.5	99.1	99.3	99.3
≥ 300	52.9	87.2	90.5	94.4	96.8	97.1	97.7	98.4	98.7	99.1	99.1	99.1	99.8	99.9	99.9
≥ 200	52.9	87.2	90.5	94.4	96.8	97.1	97.7	98.4	98.7	99.1	99.1	99.1	99.8	99.9	99.9
≥ 100	52.9	87.2	90.5	94.4	96.8	97.1	97.7	98.4	98.7	99.1	99.1	99.1	99.8	99.9	99.9
≥ 0	52.9	87.2	90.5	94.4	97.0	97.2	97.8	98.5	98.8	99.3	99.3	99.3	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	32.3	47.5	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	36.6	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000	36.6	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 6000	36.6	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	36.9	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 3000	37.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 2500	40.0	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2000	40.0	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 1800	40.6	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1500	40.8	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1200	41.4	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 1000	43.5	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 900	43.7	67.8	67.9	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 800	45.7	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
≥ 700	46.4	72.2	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 600	48.2	75.1	75.2	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 500	49.7	77.5	77.9	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 400	51.0	80.7	81.2	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 300	51.3	80.9	81.5	82.1	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 200	52.6	83.8	84.4	85.3	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 150	52.9	85.2	86.1	87.0	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 100	53.0	86.8	87.8	89.2	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 90	53.0	87.1	88.3	89.8	90.4	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 80	53.0	87.2	88.7	90.6	91.5	91.7	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7
≥ 70	53.0	87.2	88.8	91.3	92.2	92.6	93.1	93.4	93.4	93.7	93.7	93.7	93.7	93.7
≥ 60	53.0	87.6	89.3	92.5	93.7	94.0	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6
≥ 50	53.1	87.8	89.7	93.1	94.3	94.7	95.7	96.1	96.1	96.6	96.6	96.6	96.6	96.6
≥ 40	53.1	87.8	89.8	93.4	95.4	96.0	97.3	97.7	97.7	98.4	98.4	98.4	98.4	98.4
≥ 30	53.1	87.8	89.8	93.4	95.4	96.0	97.6	98.1	98.1	98.9	99.0	99.0	99.1	99.1
≥ 20	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.9	100.0
≥ 10	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.9	100.0
< 10	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	36.2	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	54.9	54.9	54.9
≥ 20000	40.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	40.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	40.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	40.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	40.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	42.5	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	65.3	65.3
≥ 9000	42.5	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	65.3	65.3
≥ 8000	44.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	44.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	45.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	47.1	72.2	72.2	72.2	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
≥ 4500	47.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	48.8	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	48.9	75.3	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	50.4	77.3	77.4	77.4	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500	51.8	80.0	80.1	80.1	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	53.0	82.8	83.1	83.3	83.7	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	53.0	82.8	83.1	83.3	83.8	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1600	53.4	84.3	85.2	85.5	86.4	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1400	53.4	85.4	86.9	87.3	88.1	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	53.4	86.8	88.0	88.9	90.0	90.2	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	53.5	87.0	88.8	89.7	91.1	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	53.5	87.0	88.9	90.1	91.8	92.3	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	53.5	87.4	89.5	90.9	93.2	93.9	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	53.5	87.4	89.9	91.3	93.7	94.6	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	53.6	87.6	90.4	92.1	94.4	95.4	96.5	97.2	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	53.6	87.6	90.4	92.5	94.9	95.9	97.8	98.4	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.6	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.8	99.0	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.8	99.0	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.8	99.0	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	37.8	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	40.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	40.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	40.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	40.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	41.0	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	62.7	62.7
≥ 10000	42.8	65.3	65.3	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	65.6
≥ 9000	43.2	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	44.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	44.9	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	45.6	69.6	69.6	69.6	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
≥ 5000	47.4	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	48.1	73.1	73.1	73.1	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
≥ 4000	48.7	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	49.3	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	50.1	78.6	78.7	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2500	50.2	79.1	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	51.5	82.5	82.8	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	51.7	82.8	83.2	83.7	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
≥ 1500	52.2	83.8	84.5	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	52.6	85.2	86.7	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	52.6	85.9	87.8	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	52.6	86.0	88.6	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	52.6	86.6	89.5	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	52.6	86.9	90.3	92.0	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	52.7	87.3	91.5	93.8	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	52.8	87.5	91.8	94.4	96.1	96.5	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	52.8	87.5	91.8	94.8	96.7	97.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	52.9	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.4	99.4	99.9	99.9	99.9	99.9	99.9
≥ 200	52.8	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0
≥ 100	52.8	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0
≥ 0	52.8	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	34.0	50.0	50.3	50.6	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	37.6	56.8	57.3	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 18000	37.6	56.8	57.3	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 15000	37.6	56.8	57.3	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 14000	38.1	58.0	58.4	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 12000	38.5	58.5	59.0	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 10000	40.3	61.2	61.6	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
≥ 9000	40.4	61.4	61.8	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	41.5	63.3	63.8	64.1	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	41.9	64.1	64.6	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 6000	42.5	65.2	65.7	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	44.0	67.5	68.2	68.5	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	44.4	68.0	68.7	69.0	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	45.3	69.7	70.4	70.8	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	45.9	70.9	71.7	72.1	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	46.7	72.6	73.4	73.9	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2500	47.6	74.2	75.2	75.8	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 2000	48.8	77.0	78.2	78.9	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1800	49.0	77.5	78.8	79.6	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	49.8	79.6	81.3	82.2	83.0	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	50.2	80.8	83.1	84.2	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 1000	50.3	82.0	84.5	86.0	87.3	87.5	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	50.3	82.3	85.1	86.8	88.4	88.6	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 800	50.4	82.6	85.7	87.7	89.6	89.9	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	50.4	83.0	86.4	88.8	91.3	91.6	92.2	92.5	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	50.5	83.5	87.2	89.9	92.7	93.1	94.0	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	50.5	83.7	87.6	90.1	93.8	94.3	95.5	96.0	96.1	96.6	96.7	96.7	96.7	96.8	96.8	96.8
≥ 400	50.5	83.7	87.6	90.9	94.3	95.0	96.5	97.1	97.2	97.8	97.9	97.9	98.0	98.1	98.1	98.1
≥ 300	50.5	83.7	87.6	90.9	94.4	95.0	96.8	97.6	97.7	98.4	98.6	98.6	98.9	99.0	99.1	99.1
≥ 200	50.5	83.7	87.6	90.9	94.4	95.1	96.9	97.7	97.9	98.7	99.0	99.0	99.5	99.5	99.6	99.7
≥ 100	50.5	83.7	87.6	90.9	94.4	95.1	96.9	97.7	97.9	98.7	99.0	99.1	99.6	99.7	99.8	99.9
≥ 0	50.5	83.7	87.6	90.9	94.4	95.1	96.9	97.7	97.9	98.7	99.0	99.1	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6563

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	0		
NO CEILING	39.1	62.2	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
≥ 20000	42.5	67.1	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
≥ 18000	42.5	67.1	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
≥ 16000	42.5	67.1	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
≥ 14000	43.1	67.7	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	68.1
≥ 12000	43.2	68.1	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	68.5	68.5
≥ 10000	44.7	70.1	70.6	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
≥ 9000	44.7	70.1	70.6	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
≥ 8000	45.7	72.9	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	73.5
≥ 7000	46.2	74.1	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	47.4	75.8	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	49.1	79.0	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	49.4	79.6	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	50.1	81.3	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	50.5	82.5	83.2	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	51.1	83.5	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	51.9	85.3	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	52.3	86.6	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	52.5	87.1	87.8	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	88.3
≥ 1500	52.8	88.6	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	52.9	90.1	91.1	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	52.9	91.0	92.3	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	53.1	91.3	93.0	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	53.0	91.3	93.1	94.2	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	53.0	91.6	94.0	95.9	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	53.1	92.0	94.7	96.9	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	53.1	92.0	94.7	96.9	98.5	98.5	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	53.1	92.0	94.7	96.9	98.5	98.5	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	36.6	57.7	58.4	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1
≥ 20000	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 18000	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 15000	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 14000	39.8	62.2	63.0	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 12000	39.9	62.5	63.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
≥ 10000	41.1	65.0	65.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 9000	41.1	65.0	65.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 8000	41.8	67.3	68.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0
≥ 7000	42.6	68.4	69.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
≥ 6000	44.0	70.7	71.9	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8
≥ 5000	46.5	74.4	75.7	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6
≥ 4500	46.6	74.5	75.8	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 4000	47.1	75.7	77.2	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
≥ 3500	47.4	77.1	78.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 3000	47.9	78.5	80.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3
≥ 2500	48.5	80.0	82.1	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 2000	49.3	81.6	84.2	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6
≥ 1800	49.3	81.7	84.3	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1500	49.6	83.7	86.6	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1200	49.7	85.3	88.3	90.7	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 1000	49.7	86.2	89.2	91.6	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
≥ 900	49.7	86.3	89.4	91.8	92.6	92.8	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
> 800	49.7	86.7	90.4	92.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 700	49.7	87.1	90.9	93.5	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8
≥ 600	49.7	87.1	91.0	93.9	95.9	96.1	96.5	96.7	96.7	96.7	96.8	96.8	97.0	97.0	97.0	97.0
≥ 500	49.7	87.1	91.4	94.3	96.5	96.6	97.3	98.0	98.0	98.0	98.1	98.1	98.4	98.4	98.4	98.4
≥ 400	49.7	87.1	91.4	94.4	97.0	97.1	97.8	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.0	99.0
≥ 300	49.7	87.1	91.5	94.6	97.2	97.3	98.1	98.9	98.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4
≥ 200	49.7	87.1	91.5	94.6	97.2	97.3	98.2	99.0	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5
≥ 100	49.7	87.1	91.5	94.6	97.3	97.5	98.4	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.7	99.7
≥ 0	49.7	87.1	91.5	94.6	97.3	97.5	98.4	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 789

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEAR) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	≥1½	1½	≥1¼	≥1	1	≥¾	≥½	≥¼	≥0
NO CEILING	28.8	47.9	49.3	50.6	51.1	51.2	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2
≥ 20000	31.8	53.1	54.6	55.9	56.5	56.7	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 18000	31.8	53.1	54.6	55.9	56.5	56.7	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 16000	31.8	53.1	54.6	55.9	56.5	56.7	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 14000	32.1	53.7	55.3	56.5	57.2	57.3	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 12000	32.4	54.4	55.9	57.2	57.8	57.9	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9
≥ 10000	34.2	57.0	58.8	60.1	60.7	60.8	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.9
≥ 9000	34.6	57.4	59.2	60.5	61.1	61.2	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 8000	36.8	60.5	62.2	63.5	64.1	64.3	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3
≥ 7000	37.0	61.5	63.2	64.5	65.1	65.3	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3
≥ 6000	39.0	64.4	66.2	67.4	68.2	68.3	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3
≥ 5000	40.8	67.3	69.2	70.5	71.2	71.5	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.5
≥ 4500	40.9	67.8	69.7	71.0	71.7	72.0	72.5	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 4000	41.1	68.4	70.6	71.9	72.6	72.9	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9
≥ 3500	41.7	70.1	72.2	73.5	74.3	74.5	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 3000	42.7	72.1	74.4	75.7	76.6	76.8	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 2500	43.3	73.5	75.9	77.3	78.5	78.7	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8
≥ 2000	44.2	75.5	78.5	80.0	81.2	81.5	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6
≥ 1800	44.2	75.5	78.5	80.0	81.2	81.5	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.8
≥ 1500	45.0	77.2	80.1	81.7	83.0	83.3	83.9	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5
≥ 1200	45.5	78.8	82.4	84.2	85.8	86.1	86.8	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.6
≥ 1000	45.8	79.3	83.4	85.7	87.8	88.2	89.2	89.4	89.4	89.7	89.7	89.7	89.9	89.9	89.9	89.9	90.1
≥ 900	45.8	79.5	83.5	85.9	88.1	88.5	89.6	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.6
≥ 800	46.3	80.6	84.9	87.5	89.7	90.2	91.8	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.8
≥ 700	46.3	81.0	85.8	89.2	91.9	92.5	94.0	94.3	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.8	95.1
≥ 600	46.3	81.1	85.9	89.9	92.6	93.3	94.9	95.4	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.2
≥ 500	46.3	81.2	86.1	90.1	93.2	94.2	96.5	97.1	97.1	97.5	97.6	97.6	97.7	97.7	97.7	97.7	98.0
≥ 400	46.3	81.2	86.1	90.5	93.8	94.8	97.3	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.2
≥ 300	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9
≥ 200	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9
≥ 100	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9
≥ 0	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 789

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥	≥	≥
NO CEILING	31.1	49.9	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8
≥ 20000	34.9	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 18000	34.9	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 16000	34.9	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 14000	35.8	57.1	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 12000	36.3	57.8	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 10000	39.3	61.7	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
≥ 9000	39.9	62.3	63.1	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
≥ 8000	41.2	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3
≥ 7000	41.6	65.1	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2
≥ 6000	43.1	66.9	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 5000	44.5	69.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9
≥ 4500	44.5	69.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	.9
≥ 4000	45.2	70.2	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 3500	45.8	71.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 3000	46.6	72.6	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6
≥ 2500	47.6	74.9	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 2000	48.3	77.0	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3
≥ 1800	48.7	77.4	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
≥ 1500	49.9	80.5	81.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 1200	50.0	82.1	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 1000	50.6	83.8	86.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5
≥ 900	50.8	84.1	87.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3
≥ 800	50.8	84.4	88.3	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.6	90.6	90.6	90.6
≥ 700	50.9	85.5	90.1	92.4	93.5	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 600	50.9	86.1	91.3	93.8	95.3	95.7	95.9	96.2	96.2	96.3	96.4	96.4	96.6	96.6	96.6	96.6
≥ 500	51.0	86.8	92.6	95.3	97.2	97.8	98.3	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.1
≥ 400	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.6	99.6
≥ 300	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0
≥ 100	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0
≥ 0	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 786

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING	28.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	33.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	33.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	33.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	34.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	35.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	38.2	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
≥ 9000	38.5	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	60.2
≥ 8000	40.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	40.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	42.2	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
≥ 5000	43.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4500	43.8	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	67.3	67.3
≥ 4000	44.6	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	46.1	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	48.3	74.4	74.4	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
≥ 2500	50.1	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2000	52.0	82.8	82.8	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
≥ 1800	52.1	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	53.2	87.3	87.5	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
≥ 1200	54.0	89.7	90.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	54.2	91.3	92.1	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	54.2	91.7	92.6	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
≥ 800	54.2	92.1	93.1	95.5	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	54.2	92.4	93.6	96.0	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	54.2	92.4	93.6	96.2	97.5	97.9	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	54.2	92.7	93.9	96.7	98.1	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 793

USAF ETAC A4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2		≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0		
NO CEILING	29.8	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 22000	36.1	57.4	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	57.6	57.6
≥ 20000	36.1	57.4	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	57.6	57.6
≥ 18000	36.1	57.4	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	57.6	57.6
≥ 17000	37.1	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	37.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	39.8	62.7	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
≥ 12000	39.8	62.7	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	42.4	65.8	66.3	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
≥ 7000	43.0	66.5	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
≥ 6000	43.8	67.2	67.7	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
≥ 5000	45.8	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	46.2	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	47.0	73.1	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
≥ 3500	48.7	76.6	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	49.4	78.7	79.4	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
≥ 2500	50.4	82.3	83.1	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
≥ 2000	51.2	84.6	85.4	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	51.3	85.1	85.9	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	87.1
≥ 1500	51.6	87.3	88.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	52.1	89.2	90.3	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	52.4	90.3	92.2	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	52.5	90.6	93.3	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	52.5	90.8	93.9	96.8	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	52.6	91.2	94.6	97.6	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	52.9	91.5	95.1	98.2	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.9	91.5	95.1	98.2	99.2	99.4	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 781

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	35.8	55.5	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	55.8	55.8
≥ 20000	41.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	41.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	41.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	43.0	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000	43.0	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	45.3	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	45.3	70.8	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
≥ 8000	47.3	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	47.3	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	48.1	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	49.4	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	49.4	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	50.5	81.1	81.5	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
≥ 3500	51.3	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	51.9	84.1	84.7	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
≥ 2500	52.0	85.8	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	52.7	87.1	88.0	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	88.6
≥ 1800	52.7	87.1	88.0	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	52.7	89.0	90.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	52.8	90.0	91.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	53.1	90.9	93.2	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	53.5	91.3	93.7	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	53.5	91.3	94.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	53.5	91.6	94.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	53.9	91.7	95.5	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	53.9	91.7	95.5	98.0	98.1	98.2	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	53.6	91.8	95.7	98.1	98.3	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR

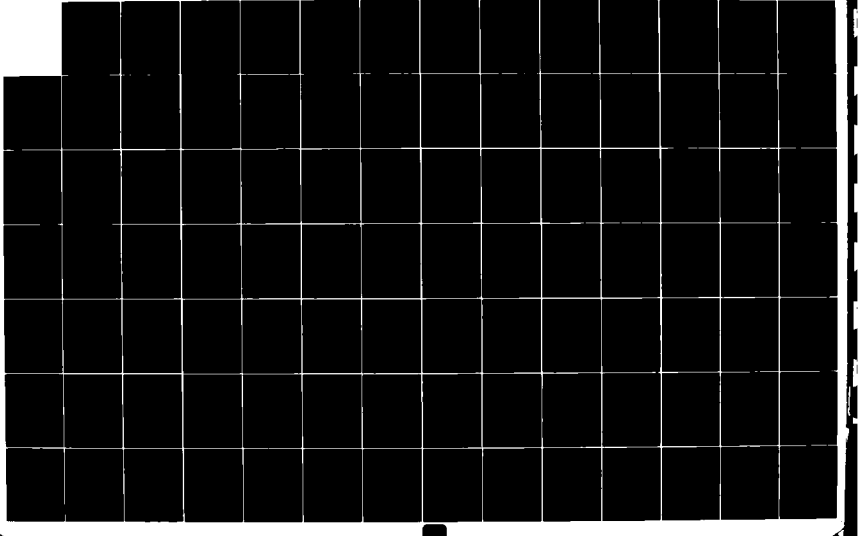
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

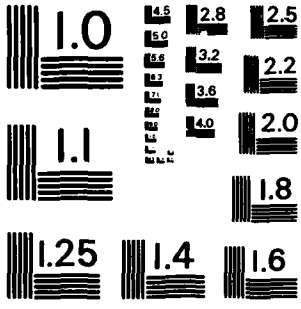
CEILING IN HUNDREDS OF FEET	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	¾	½	¼	0
≥22	43.5	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥20	47.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥18	47.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥17	47.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥16	47.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥15	47.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥14	48.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥13	48.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥12	50.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥11	50.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥10	51.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥9	52.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥8	52.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥7	52.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥6	53.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥5	53.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥4½	53.9	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥4	54.4	88.5	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥3½	54.5	88.7	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥3	54.8	89.5	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥2½	54.9	91.3	92.6	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥2	55.0	92.4	94.0	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1½	55.3	92.8	94.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1	55.4	93.2	95.2	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1
¾	55.4	93.3	95.5	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
½	55.4	93.5	96.2	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
¼	55.4	93.5	96.2	98.1	98.7	98.7	99.1	99.1	99.2	99.5	99.5	99.5
0	55.4	93.5	96.2	98.2	98.9	98.9	99.2	99.5	99.6	99.9	99.9	99.9
VV	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0
Sky Obscured	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0
Indefinite Ceiling	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0
Estimated Ceiling	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82 3/6

UNCLASSIFIED USAFETAC/DS-82/088 SBI-AD-E850 213 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	½	¼	0	≥5/8	≥½	≥¼	0
NO CEILING	34.2	54.0	54.5	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 20000	38.4	60.8	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 10000	38.4	60.8	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 8000	38.4	60.8	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 7000	39.2	61.7	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
≥ 6000	39.4	62.2	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 5000	41.4	65.2	65.7	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 4500	41.6	65.3	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	43.2	68.0	68.6	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 3500	43.6	68.8	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3000	44.8	70.5	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500	46.5	73.7	74.3	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2200	46.7	74.0	74.7	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 2000	47.3	75.3	76.1	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 1800	48.1	77.0	77.8	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 1600	49.0	78.7	79.6	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 1400	49.7	81.0	82.0	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 1200	50.6	83.0	84.2	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 1000	50.7	83.3	84.5	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 900	51.2	85.4	86.8	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 800	51.5	87.1	88.9	90.3	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	51.7	88.2	90.4	91.9	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	51.8	88.5	91.0	92.6	93.3	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	51.9	88.8	91.6	93.7	94.5	94.6	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 450	51.9	89.2	92.4	94.8	96.0	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 400	52.0	89.4	92.9	95.6	96.9	97.1	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0
≥ 350	52.0	89.6	93.2	95.9	97.4	97.7	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	52.1	89.6	93.2	96.0	97.7	98.0	98.8	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 250	52.0	89.6	93.3	96.1	97.8	98.1	99.0	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	52.0	89.6	93.3	96.1	97.8	98.1	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 150	52.0	89.6	93.3	96.1	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
< 150	52.0	89.6	93.3	96.1	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6310

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	10	9	8	7	6	5	4	3½	3	2½	2	1½	1	¾	½	<½
NO CEILING	32.1	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
≥ 20000	36.2	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 14000	36.2	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 9000	36.2	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 7000	37.0	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
≥ 5000	38.0	65.0	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	65.8
≥ 3500	40.6	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
≥ 3000	40.6	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
≥ 2500	44.1	74.3	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	75.2
≥ 2000	45.0	76.2	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	77.1
≥ 1800	45.5	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 1500	48.1	82.5	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	83.5	83.7
≥ 1200	48.1	82.5	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	83.5	83.7
≥ 1000	48.7	84.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.6
≥ 900	48.8	85.0	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.4
≥ 800	49.2	86.0	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.8
≥ 700	50.5	87.9	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	90.0
≥ 600	51.2	89.6	91.0	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.3
≥ 500	51.2	89.6	91.0	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.3
≥ 450	51.4	90.0	91.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.2
≥ 400	51.9	90.7	92.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.1
≥ 350	51.9	90.9	92.9	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6
≥ 300	51.9	90.9	92.9	94.5	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.8
≥ 250	51.9	91.0	93.2	94.7	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 200	51.9	91.1	93.7	95.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9
≥ 150	51.9	91.1	93.8	95.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 100	51.9	91.4	94.3	96.0	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 50	51.9	91.4	94.3	96.0	97.8	97.8	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	99.0
≥ 0	51.9	91.4	94.3	96.0	98.1	98.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6
	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7
	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7
	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	2	2	2	2	2	2	2	2	2	0
NO CEILING	29.6	55.7	57.2	57.5	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 20000	32.4	60.7	62.3	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 18000	32.4	60.7	62.3	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 16000	32.4	60.7	62.3	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 14000	32.6	61.1	62.7	63.2	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 12000	33.2	61.9	63.4	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5
≥ 10000	35.7	65.0	66.5	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 9000	35.8	65.1	66.7	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 8000	38.0	69.4	70.9	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0
≥ 7000	38.5	70.5	72.1	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 6000	39.1	73.1	74.7	75.2	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 5000	42.0	78.2	79.8	80.5	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 4500	42.4	79.2	80.9	81.5	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 4000	43.0	80.5	82.2	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 3500	43.4	81.5	83.2	84.2	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8
≥ 3000	44.1	83.6	85.4	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 2500	44.7	84.4	86.4	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
≥ 2000	45.9	86.7	89.0	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 1800	45.9	86.7	89.0	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 1500	46.1	87.1	89.5	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥ 1200	46.1	87.3	90.2	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 1000	46.3	87.6	91.0	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 900	46.3	88.2	91.6	93.8	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 800	46.4	88.6	92.0	94.2	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	46.4	89.0	92.5	94.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 600	46.4	89.0	92.8	95.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 500	46.4	89.3	93.3	95.6	96.8	96.9	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.8
≥ 400	46.6	89.5	93.5	95.9	97.2	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6
≥ 300	46.6	89.5	93.5	95.9	97.2	97.3	97.8	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8
≥ 200	46.6	89.7	93.7	96.0	97.3	97.4	97.9	98.6	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.5
≥ 100	46.6	89.7	93.7	96.0	97.3	97.4	97.9	98.6	98.7	99.0	99.0	99.0	99.5	99.5	99.6	99.7	
≥ 0	46.6	89.7	93.7	96.0	97.3	97.4	97.9	98.6	98.7	99.0	99.0	99.0	99.5	99.5	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
NO CEILING	24.4	44.3	46.7	47.7	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5
≥ 20000	28.1	51.0	53.7	54.9	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
≥ 18000	28.1	51.0	53.7	54.9	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
≥ 16000	28.1	51.0	53.7	54.9	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
≥ 14000	28.9	52.5	55.2	56.7	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9
≥ 12000	29.4	53.2	56.0	57.5	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 10000	32.6	57.9	61.0	62.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
≥ 9000	32.6	58.0	61.1	62.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 8000	34.7	62.3	65.5	67.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.5
≥ 7000	35.3	63.1	66.3	67.7	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2
≥ 6000	36.3	65.5	68.8	70.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
≥ 5000	40.0	71.8	75.5	77.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 4500	40.4	72.2	75.9	77.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2
≥ 4000	41.3	73.2	77.0	78.8	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4
≥ 3500	41.5	74.1	78.3	80.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.8
≥ 3000	41.9	75.2	79.7	81.8	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	93.5
≥ 2500	42.2	75.7	80.3	82.4	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
≥ 2000	43.3	77.7	82.3	84.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
≥ 1800	43.5	78.1	82.6	84.7	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
≥ 1600	44.2	79.4	84.1	86.3	87.9	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5
≥ 1400	44.2	79.8	84.6	87.1	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3
≥ 1200	44.7	80.7	85.6	88.3	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9
≥ 1000	45.0	81.5	86.6	89.4	91.4	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1
≥ 900	45.0	81.7	87.2	89.8	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
≥ 800	45.1	82.1	87.9	90.8	92.9	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
≥ 700	45.3	82.9	89.0	92.0	94.3	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
≥ 600	45.3	83.4	89.9	93.0	95.4	95.7	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
≥ 500	45.3	83.5	90.3	93.5	96.2	96.4	97.5	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.6
≥ 400	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.6
≥ 300	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0	
≥ 200	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0	
≥ 100	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0	
≥ 0	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 812

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	0
NO CEILING	29.1	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	32.4	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	59.0	59.0
≥ 18000	32.4	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	59.0	59.0
≥ 16000	32.4	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	59.0	59.0
≥ 14000	33.9	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	34.6	61.7	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
≥ 11000	37.2	65.6	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	37.2	66.0	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	39.4	69.4	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
≥ 8000	40.0	70.0	70.5	70.5	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	40.5	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	41.8	73.6	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	41.8	73.6	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	41.8	74.0	74.8	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	42.8	75.3	76.3	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	44.0	76.9	77.9	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	44.9	78.7	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	46.6	81.1	82.4	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	47.1	81.7	83.0	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	48.2	84.7	86.2	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	48.5	86.6	88.5	89.0	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	49.3	88.9	91.1	91.6	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	49.6	89.4	91.8	92.3	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	49.6	89.7	92.3	92.9	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	50.5	90.7	93.4	94.1	95.0	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	50.5	90.8	93.5	94.7	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	50.7	91.7	94.6	96.6	97.9	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	50.9	91.9	95.1	97.4	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	50.9	91.9	95.1	97.4	98.8	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 818

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
NO CEILING	28.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	34.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	34.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	34.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	36.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	36.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	37.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000	37.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	39.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	40.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	41.1	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	42.7	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	43.0	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	45.2	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	47.7	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	51.0	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	52.5	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	53.8	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	54.1	87.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	55.5	91.7	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	56.2	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	56.7	95.1	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	57.0	95.6	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	57.0	95.6	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	57.3	96.1	96.7	97.4	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	57.3	96.4	97.0	97.8	98.0	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	57.3	96.4	97.3	98.0	98.4	98.5	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	57.3	96.4	97.3	98.2	98.5	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	≥10	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	28.9	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	36.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	36.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	36.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	37.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	38.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	39.7	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
≥ 9000	39.7	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
≥ 8000	41.3	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
≥ 7000	42.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 6000	43.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	45.9	75.6	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	46.7	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	49.6	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	52.9	84.5	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	54.9	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	56.9	91.0	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	58.2	92.9	93.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	58.4	93.1	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	59.0	93.8	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	59.3	94.7	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	59.5	95.4	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	59.7	95.6	95.9	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	59.7	95.7	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	59.9	96.3	96.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	60.0	96.6	97.0	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	60.0	97.0	97.5	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	60.0	97.2	97.7	98.5	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 813

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	6	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0		
NO CEILING	35.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 20000	40.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 18000	40.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 16000	40.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 14000	43.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 12000	44.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 10000	47.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000	47.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 8000	49.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 7000	49.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 6000	50.7	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 5000	52.3	85.1	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 4500	52.5	85.3	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
≥ 4000	54.1	87.0	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 3500	55.7	89.0	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 3000	57.0	90.6	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥ 2500	57.9	92.0	92.3	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
≥ 2000	58.6	93.2	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3
≥ 1800	58.6	93.2	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3
≥ 1500	58.8	93.6	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.2
≥ 1200	58.8	94.2	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.9
≥ 1000	59.1	94.8	95.6	96.0	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 900	59.4	95.2	95.9	96.5	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.5
≥ 800	59.5	95.8	96.7	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.4
≥ 700	59.5	95.8	97.0	97.9	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 600	59.5	95.8	97.0	97.9	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 500	59.5	95.9	97.2	98.0	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.3
≥ 400	59.5	96.0	97.3	98.1	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 300	59.5	96.0	97.3	98.3	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9
≥ 200	59.5	96.0	97.3	98.3	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9
≥ 100	59.5	96.0	97.3	98.3	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0	59.6	96.2	97.4	98.4	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	36.0	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
≥ 20000	40.6	66.6	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	40.6	66.6	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
≥ 16000	40.6	66.6	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	41.7	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	42.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	45.8	74.0	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
≥ 9000	45.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	48.8	79.3	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
≥ 7000	48.9	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	49.7	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
≥ 5000	51.2	85.3	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
≥ 4500	51.2	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	52.3	87.8	88.4	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
≥ 3500	52.7	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	54.3	90.4	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	55.0	91.9	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	55.8	93.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	55.8	93.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	56.1	94.2	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	56.4	94.8	95.8	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	56.5	95.0	96.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	56.6	95.3	96.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	56.6	95.7	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	56.6	95.9	96.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	56.8	96.0	97.0	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	56.8	96.0	97.0	98.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	56.8	96.0	97.0	98.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	56.8	96.0	97.0	98.4	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	56.8	96.0	97.0	98.4	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	56.8	96.0	97.0	98.4	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	56.8	96.0	97.0	98.4	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 805

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	30.4	53.0	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 20000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	36.3	62.7	63.4	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 12000	37.2	63.9	64.6	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 10000	39.6	67.5	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 9000	39.6	67.6	68.4	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 8000	41.8	71.3	72.1	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 7000	42.4	72.4	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
≥ 6000	43.4	74.5	75.3	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 5000	45.5	77.9	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 4500	45.7	78.4	79.4	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 4000	47.0	80.2	81.2	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 3500	48.2	82.1	83.2	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 3000	49.6	84.2	85.4	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4
≥ 2500	50.6	85.9	87.2	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 2000	51.7	87.8	89.2	89.9	90.3	9 .3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 1800	51.8	88.0	89.4	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 1600	52.5	89.3	90.9	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.4
≥ 1400	52.7	90.3	92.0	93.0	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 1200	53.0	91.1	93.0	94.1	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1000	53.2	91.5	93.4	94.6	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	53.3	91.7	93.8	95.0	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 800	53.4	92.2	94.4	95.7	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 700	53.5	92.4	94.7	96.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6
≥ 600	53.5	92.7	95.2	96.7	97.9	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6
≥ 500	53.6	92.8	95.3	97.0	98.3	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 400	53.6	92.8	95.3	97.0	98.4	98.6	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 300	53.6	92.8	95.4	97.1	98.5	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	53.6	92.8	95.4	97.1	98.5	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	53.6	92.8	95.4	97.1	98.5	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 6422

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-79,81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	⅛	0
NO CEILING	39.4	70.5	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
≥ 20000	44.8	78.7	79.0	79.2	79.	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	44.8	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	44.8	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	45.5	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	45.9	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	47.4	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	47.4	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000	49.4	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	49.5	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	49.9	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	52.1	91.0	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	52.2	91.3	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	52.9	92.4	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
≥ 3500	53.6	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	54.9	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	55.5	95.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	55.6	96.0	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	55.6	96.1	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	55.6	96.9	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
≥ 1200	56.1	97.3	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	56.2	97.7	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	56.2	97.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	56.2	97.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	56.2	97.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	56.2	97.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	56.2	97.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 400	56.2	97.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	56.2	97.7	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200	56.2	97.7	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 100	56.2	97.7	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	56.2	97.7	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 701

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (FEET)																
	35.1	62.4	63.8	64.1	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
	39.2	70.0	71.7	71.9	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	39.2	70.0	71.7	71.9	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	39.2	70.0	71.7	71.9	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
4000	39.8	70.8	72.5	72.8	73.6	73.6	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
3000	40.0	71.9	73.6	73.9	74.7	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	41.0	75.4	77.0	77.3	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
2000	41.0	75.4	77.0	77.3	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
1800	43.6	79.0	80.6	80.9	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
1700	44.0	79.6	81.3	81.6	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
1600	44.8	81.2	82.8	83.1	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
1500	47.5	85.4	87.3	87.6	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1400	47.5	85.4	87.5	87.8	88.6	88.6	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1300	48.6	87.2	89.3	89.5	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1200	48.6	87.6	89.7	90.1	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
1100	49.9	89.1	91.3	91.7	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
1000	50.2	89.5	91.7	92.3	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
900	50.5	90.1	92.4	93.0	93.8	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
800	50.5	90.5	92.8	93.4	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
700	50.5	91.2	93.9	94.5	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
600	50.5	91.6	94.4	94.9	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
500	50.5	92.3	95.0	95.6	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
450	50.5	92.3	95.0	95.6	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
400	50.5	92.6	95.3	95.9	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
350	50.5	93.0	95.7	96.3	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
300	50.6	93.1	96.0	96.6	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
250	50.6	93.5	96.6	97.1	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
200	50.6	93.5	96.8	97.4	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
150	50.6	93.5	96.8	97.4	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	50.6	93.5	96.8	97.4	98.8	98.8	99.0	99.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
50	50.6	93.5	96.8	97.4	98.8	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	50.6	93.5	96.8	97.4	98.8	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	0		
≥ 12000	34.4	54.0	54.8	55.3	55.8	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 10000	39.4	62.9	64.2	65.5	66.	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6
≥ 9000	39.4	62.9	64.2	65.5	66.1	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6
≥ 8000	39.4	62.9	64..	65.5	66.1	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6
≥ 7000	40.0	64.2	65.6	66.9	67.5	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0
≥ 6000	41.0	65.5	66.9	68.1	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.3	69.3
≥ 5000	43.5	69.4	70.9	72.1	72.9	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.4	73.4
≥ 4900	43.8	70.1	71.6	72.9	73.7	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.2	74.2
≥ 4800	46.2	74.8	76.3	77.7	78.4	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
≥ 4700	46.7	75.8	77.3	78.7	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9
≥ 4600	47.4	77.5	79.0	80.6	81.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 4500	49.4	80.6	82.2	83.8	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1
≥ 4400	49.6	80.7	82.3	83.9	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 4300	50.7	82.2	83.8	85.4	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 4200	50.9	82.9	84.6	86.2	87.1	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 4100	51.3	83.6	85.2	86.8	87.8	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.5	88.5
≥ 4000	51.7	84.1	85.7	87.3	88.3	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	89.0	89.0
≥ 3900	51.9	84.7	86.6	88.2	89.2	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	90.0	90.0
≥ 3800	51.9	85.2	87.1	88.7	89.7	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.5	90.5
≥ 3700	52.4	86.2	88.1	89.8	90.8	91.2	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 3600	53.6	88.0	89.8	91.6	92.7	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6
≥ 3500	53.7	88.5	90.3	92.1	93.4	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.4	94.4
≥ 3400	54.1	89.1	91.0	92.7	94.0	94.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 3300	54.1	89.6	91.5	93.4	94.6	95.1	95.2	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7
≥ 3200	54.1	90.2	92.1	94.1	95.4	95.9	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.5	96.5
≥ 3100	54.1	90.2	92.1	94.2	95.5	96.0	96.1	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 3000	54.2	90.6	92.5	95.0	96.2	97.0	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.7	97.7
≥ 2900	54.2	90.6	92.6	95.5	96.7	97.5	98.1	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 2800	54.2	90.6	92.6	95.5	96.9	97.7	98.4	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.1	99.1
≥ 2700	54.2	90.6	92.6	95.6	97.0	97.9	98.6	98.7	98.7	99.0	99.4	99.4	99.5	99.6	99.7	99.7
≥ 2600	54.2	90.6	92.6	95.6	97.0	97.9	98.6	98.7	98.7	99.0	99.4	99.4	99.5	99.6	99.7	99.7
≥ 2500	54.2	90.6	92.6	95.6	97.0	97.9	98.6	98.7	98.7	99.0	99.4	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEAR) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	37.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	42.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	42.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	42.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	43.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	44.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	47.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	47.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	49.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	50.3	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
≥ 6000	50.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	52.5	84.3	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
≥ 4500	52.5	84.3	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	53.0	85.8	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	53.2	86.5	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
≥ 3000	53.9	87.3	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	54.6	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	55.1	90.4	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	55.1	90.7	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	56.3	92.6	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	57.4	94.3	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	57.7	95.1	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	57.7	95.1	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
≥ 800	57.7	96.1	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	57.7	96.1	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	57.7	96.1	97.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	57.7	96.3	97.2	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	57.7	96.7	97.7	98.9	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0	0	0
NO CEILING	42.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	46.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	46.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	46.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	47.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	49.0	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	74.5
≥ 10000	50.5	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	76.3
≥ 9000	50.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	53.0	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	79.8
≥ 7000	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
≥ 6000	53.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	55.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	56.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	57.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	58.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	59.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	61.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	61.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	61.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	62.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	62.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	62.7	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	62.7	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	62.7	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	62.7	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	62.7	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	62.7	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 450	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 350	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
< 300	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

USAF ETAC 0-14-5 OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING	45.7	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
≥ 25000	49.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	49.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	49.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	50.4	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	73.7	73.7
≥ 14000	51.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	53.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	53.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	54.9	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
≥ 8000	55.4	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	81.3
≥ 7000	56.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	57.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	58.2	86.8	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
≥ 4500	59.9	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	60.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	61.4	94.9	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
≥ 3000	62.4	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	96.1	96.1
≥ 2500	62.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	62.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	63.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	63.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	63.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	63.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	63.4	98.5	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	99.0
≥ 800	63.4	98.5	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	99.0
≥ 700	63.4	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	63.4	98.7	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	63.4	98.9	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	63.4	98.9	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	63.4	98.9	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	63.4	98.9	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 150	63.4	98.9	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	63.4	98.9	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	45.2	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
20000	51.7	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
15000	51.9	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
12000	51.9	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
10000	53.2	80.4	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	53.6	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	81.6
8000	55.5	84.0	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
7000	55.6	84.2	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	84.5
6000	57.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
5000	57.5	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
4500	58.6	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
4000	61.3	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
3500	61.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
3000	61.6	94.6	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	95.1
2500	62.6	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2000	63.4	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1800	63.6	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1600	63.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1400	63.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1200	63.9	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	63.9	98.1	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	98.6
900	64.4	99.0	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	99.5
800	64.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	64.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	64.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	64.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
400	64.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
300	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
100	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING IN FEET	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
≥ 22000	46.8	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	51.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	51.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 17000	51.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	52.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 15000	53.2	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	54.5	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 13000	54.7	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 12000	56.5	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 11000	57.0	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000	57.1	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 9000	60.0	93.3	93.3	93.8	93.8	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	60.3	93.8	93.8	94.3	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 7000	60.9	94.6	94.7	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	61.2	95.3	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	62.1	96.6	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	62.4	96.8	97.1	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	62.5	97.0	97.2	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	62.5	97.1	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	62.7	97.2	97.5	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	62.8	97.6	97.9	98.5	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2200	62.8	98.0	98.4	99.1	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	62.8	98.0	98.4	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	62.8	98.0	98.4	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1700	62.8	98.0	98.4	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1600	62.8	98.0	98.4	99.2	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1400	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 600	62.9	98.2	98.5	99.3	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	≥10	≥A	≥4	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥
NO CEILING	40.9	65.1	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
≥ 20000	45.8	73.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	45.8	73.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	45.8	73.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	46.6	74.1	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	47.4	75.4	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	49.2	78.2	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 9000	49.4	78.5	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000	51.4	81.7	82.1	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	51.8	82.4	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	52.4	83.7	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	54.6	87.1	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	54.8	87.5	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	55.7	89.2	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	56.2	90.5	91.1	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 3000	57.1	92.0	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	57.8	92.9	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	58.1	93.7	94.5	94.9	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	58.1	93.9	94.7	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1600	58.5	94.7	95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1400	58.9	95.4	96.3	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	59.0	95.9	96.8	97.3	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	59.1	96.0	96.9	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	59.1	96.2	97.2	97.7	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	59.1	96.4	97.4	98.0	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	59.1	96.5	97.5	98.1	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	59.1	96.7	97.7	98.4	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	59.1	96.7	97.9	98.6	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	59.1	96.7	97.9	98.6	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6144

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-79,81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	44.9	72.6	73.0	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 20000	47.5	76.9	77.4	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 18000	47.5	76.9	77.4	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	47.5	76.9	77.4	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	48.2	77.8	78.4	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	48.5	78.1	78.7	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 11000	53.1	85.5	86.4	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	53.9	85.7	86.5	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	56.5	88.6	89.4	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 8000	56.9	89.0	89.8	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	57.6	90.1	90.9	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	58.1	91.0	92.1	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	58.1	91.0	92.1	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	58.7	91.7	92.8	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	59.0	92.0	93.1	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	59.2	92.3	93.4	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	59.6	92.7	93.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	60.1	93.1	94.5	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	60.1	93.1	94.5	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	60.1	93.5	95.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1600	60.1	93.5	95.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1400	60.1	93.8	95.1	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	60.1	93.8	95.7	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	60.1	93.9	95.9	97.9	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	60.1	94.1	96.1	98.2	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	60.1	94.4	96.6	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	60.1	94.4	96.6	98.6	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	60.1	94.4	96.6	98.6	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	60.1	94.4	96.6	98.6	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	60.1	94.4	96.6	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.1	94.4	96.6	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.1	94.4	96.6	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.1	94.4	96.6	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.1	94.4	96.6	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
	39.8	66.3	67.1	68.4	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
	42.3	70.2	71.3	72.3	73.4	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	42.3	70.2	71.3	72.3	73.4	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	42.3	70.2	71.3	72.3	73.4	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	43.2	71.4	72.4	73.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	43.6	71.8	72.8	73.9	74.9	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
	48.0	77.8	78.9	79.9	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	48.0	77.8	78.9	79.9	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	50.5	81.0	82.0	83.1	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	51.1	81.9	83.1	84.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
	52.6	83.5	84.6	85.8	86.9	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	54.1	85.4	86.6	87.8	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	54.2	85.6	86.7	87.9	89.2	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	55.2	86.7	87.9	89.1	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	55.5	87.1	88.3	89.5	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
	56.6	88.6	90.0	91.6	93.0	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	56.7	88.7	90.2	91.7	93.2	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	57.2	89.8	91.2	92.9	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	57.6	90.2	91.6	93.3	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
	57.9	90.6	92.0	93.7	95.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	58.1	90.9	92.4	94.1	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	58.3	91.6	93.2	94.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	58.3	91.6	93.2	94.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	58.3	91.6	93.2	94.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	58.7	92.1	93.7	95.4	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	58.7	92.1	94.0	95.7	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	58.7	92.8	94.6	96.3	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	58.7	92.8	94.8	96.5	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
	58.7	92.8	94.8	96.5	98.4	98.4	99.3	99.3	99.3	99.5	99.5	99.5	99.9	99.9	99.9	99.9
	58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
	58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
	58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

CEILING FEET	≥ 0	≥ 1/16	≥ 1/8	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6
NO CEILING	37.1	59.4	60.9	62.0	63.2	63.5	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	41.7	66.1	67.9	69.4	70.8	71.1	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	41.7	66.1	67.9	69.4	70.8	71.1	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	41.7	66.1	67.9	69.4	70.8	71.1	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	43.3	67.6	69.5	71.0	72.4	72.7	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	44.1	68.6	70.7	72.2	73.7	73.9	75.0	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	47.5	72.5	74.6	76.1	77.6	77.8	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	47.5	72.5	74.6	76.1	77.6	77.8	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000	51.2	77.1	79.2	80.8	82.2	82.5	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	51.6	77.5	79.5	81.1	82.6	82.8	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	52.6	78.9	81.0	82.6	84.1	84.3	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	53.4	80.9	83.5	85.0	86.5	86.8	87.9	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	53.8	81.3	83.8	85.4	86.9	87.1	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	54.0	82.0	84.6	86.2	87.6	87.9	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	54.2	82.1	84.7	86.3	87.7	88.0	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	54.7	83.1	85.7	87.3	88.7	89.0	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	54.9	83.5	86.0	87.6	89.1	89.3	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	55.5	84.2	87.0	88.6	90.2	90.6	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	55.6	84.3	87.1	88.7	90.3	90.7	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	55.6	84.3	87.1	88.7	90.3	90.7	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	55.9	84.6	87.4	89.1	90.8	91.2	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	57.4	86.6	89.5	91.2	93.4	93.8	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	57.4	86.9	89.8	91.7	93.9	94.2	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	57.4	87.4	90.3	92.2	94.4	94.7	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	57.5	87.6	90.8	92.9	95.2	95.7	96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	57.5	87.6	91.1	93.1	95.5	96.0	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	57.6	88.0	91.4	93.6	96.1	96.6	97.8	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	57.6	88.0	91.5	93.8	96.2	96.7	97.9	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816

USAF ETAC FORM 0-14-5 /OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	41.2	65.2	66.4	66.9	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	45.1	70.4	72.0	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	45.1	70.4	72.0	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	45.1	70.4	72.0	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	46.2	71.5	73.1	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	46.8	72.1	73.7	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	50.6	76.5	78.1	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	50.9	76.9	78.5	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	52.5	79.7	81.3	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	53.1	80.2	81.8	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	53.6	81.4	83.0	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	55.5	85.0	86.7	87.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	55.8	85.4	87.1	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	56.3	86.7	88.6	89.1	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	56.3	87.0	88.8	89.3	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	57.2	87.9	89.9	90.4	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	57.3	88.1	90.0	90.5	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	58.3	89.9	91.9	92.5	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	58.3	90.2	92.1	92.7	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	59.0	91.5	93.6	94.3	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	59.2	91.8	93.8	94.6	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	59.5	92.4	95.0	95.7	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	59.9	92.7	95.3	96.1	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	59.9	93.0	95.8	96.7	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	60.0	93.1	95.9	96.9	97.5	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	60.0	93.4	96.2	97.4	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	60.1	93.6	96.6	97.8	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.1	93.6	96.6	97.9	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	60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0	≥0	≥0
NO CEILING	45.9	67.0	67.0	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	67.3
≥ 20000	48.7	72.2	72.2	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
≥ 18000	48.7	72.2	72.2	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
≥ 16000	48.7	72.2	72.2	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	49.1	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	49.7	73.3	73.3	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	73.7
≥ 10000	52.0	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	52.9	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000	54.8	79.9	79.9	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	80.4
≥ 7000	55.3	80.5	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	56.8	82.4	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.	82.9	82.9
≥ 5000	58.6	84.9	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	58.8	85.4	85.8	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	86.4
≥ 4000	60.1	87.6	88.5	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	60.5	88.5	89.4	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	61.8	90.1	90.9	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	62.4	91.1	91.9	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	64.1	93.4	94.2	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	64.1	93.4	94.2	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1600	65.2	94.9	95.8	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1400	65.4	95.8	96.8	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	65.5	96.1	97.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	65.5	96.1	97.2	97.9	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
≥ 900	65.6	96.2	97.4	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	65.6	96.2	97.4	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	65.6	96.2	97.4	98.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	65.6	96.2	97.4	98.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	65.6	96.3	97.6	98.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	65.6	96.3	97.6	98.5	99.9	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	96.3	97.6	98.5	99.9	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	96.3	97.6	98.5	99.9	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	96.3	97.6	98.5	99.9	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	96.3	97.6	98.5	99.9	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 817

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																
	20	15	12	10	9	8	7	6	5	4	3	2½	2	1½	1	½	0
NO CEILING	45.3	65.5	66.0	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
≥ 25000	49.0	71.6	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	49.0	71.6	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 15000	49.0	71.6	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	49.6	72.2	72.7	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
≥ 9000	49.8	72.6	73.1	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	73.7
≥ 8000	52.5	76.2	76.7	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
≥ 7000	53.3	76.8	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	56.3	81.1	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	56.6	81.9	82.4	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	83.0
≥ 4500	58.3	84.3	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	60.4	87.3	88.0	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
≥ 3500	60.7	87.6	88.3	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
≥ 3000	63.0	90.5	91.3	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
≥ 2500	63.6	91.5	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	65.2	93.2	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	65.8	93.9	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	66.7	95.1	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1400	66.7	95.1	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1300	67.1	96.5	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	67.6	97.1	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1100	67.7	97.2	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	67.7	97.2	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	67.7	97.2	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	67.7	97.2	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	67.7	97.2	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	67.7	97.2	98.1	99.2	99.9	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	67.7	97.2	98.1	99.2	99.9	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	67.7	97.2	98.1	99.2	99.9	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	67.7	97.2	98.1	99.2	99.9	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	67.7	97.2	98.1	99.2	99.9	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	67.7	97.2	98.1	99.2	99.9	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 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

	47.9	69.3	69.4	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
	53.8	77.0	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	53.8	77.0	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	53.8	77.0	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	56.1	79.3	79.7	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
	56.6	80.1	80.5	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
	60.8	84.9	85.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	61.2	85.7	86.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
	62.7	88.5	89.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	63.1	89.0	89.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	64.1	90.3	91.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
	65.9	92.5	93.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	65.9	92.5	93.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	66.4	93.4	94.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	66.9	93.9	94.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	67.2	94.5	95.2	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
	67.2	94.6	95.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	67.5	95.3	96.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	67.6	95.5	96.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	68.1	96.1	96.8	98.2	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
	68.1	96.1	96.8	98.2	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
	68.1	96.1	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	68.1	96.1	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	68.1	96.2	97.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	68.1	96.2	97.1	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	68.1	96.2	97.1	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	68.1	96.3	97.2	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	68.1	96.3	97.2	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	68.1	96.3	97.2	98.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	68.1	96.3	97.2	98.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.1	96.3	97.2	98.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.1	96.3	97.2	98.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]4586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

CEILING IN FEET																	
[illegible]	50.3	73.7	74.1	74.4	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
[illegible]	54.9	79.9	80.7	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	54.9	79.9	80.7	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	54.9	79.9	80.7	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	56.0	81.2	81.9	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
[illegible]	56.5	82.0	82.8	83.0	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
[illegible]	61.1	87.3	88.1	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
[illegible]	61.3	87.9	88.7	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	89.9
[illegible]	62.4	89.8	90.6	91.2	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
[illegible]	62.7	90.2	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	63.6	91.1	91.8	92.5	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
[illegible]	64.1	92.3	93.1	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
[illegible]	64.1	92.3	93.1	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
[illegible]	64.4	93.2	94.1	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
[illegible]	64.4	93.3	94.2	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	64.8	93.7	94.8	95.5	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
[illegible]	65.2	94.1	95.2	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
[illegible]	66.2	95.4	96.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	66.2	95.4	96.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	66.2	95.4	96.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	66.3	95.5	96.9	97.5	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
[illegible]	66.3	95.7	97.2	97.9	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
[illegible]	66.5	95.9	97.5	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	66.5	95.9	97.5	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	66.5	96.0	97.6	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	66.5	96.0	97.9	98.5	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
[illegible]	66.5	96.1	98.0	98.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	66.5	96.1	98.0	98.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 796

USAF ETAC [illegible] 0-14-5 OL A [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)																	
	44.1	67.3	67.9	68.7	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
	47.9	73.0	73.8	74.6	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	47.9	73.0	73.8	74.6	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	47.9	73.0	73.8	74.6	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	49.1	74.2	75.0	75.8	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
	49.5	74.8	75.7	76.5	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	53.3	79.6	80.5	81.4	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	53.6	80.0	80.9	81.9	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
	55.9	83.1	84.1	85.0	85.5	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	56.3	83.7	84.6	85.6	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	57.4	85.2	86.1	87.1	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
	58.8	87.4	88.5	89.5	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	59.1	87.6	88.7	89.7	90.3	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	59.8	89.0	90.2	91.2	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	60.1	89.4	90.6	91.6	92.3	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	60.9	90.4	91.7	92.8	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	61.2	90.8	92.2	93.3	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	62.0	92.0	93.4	94.6	95.4	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	62.1	92.1	93.5	94.7	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	62.5	92.8	94.3	95.5	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	62.7	93.2	94.6	95.9	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	62.9	93.7	95.3	96.6	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	63.0	93.8	95.5	96.7	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	63.0	93.9	95.7	96.9	97.8	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	63.1	94.1	95.9	97.2	98.2	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	63.1	94.1	96.0	97.4	98.5	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	63.1	94.3	96.2	97.6	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	63.1	94.3	96.3	97.7	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
	63.1	94.3	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6370

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	2	1½	1	¾	½	¼	0										
6 (1800)	50.5	70.5	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
5 (1500)	55.5	77.1	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
4 (1200)	55.5	77.1	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
3 (1000)	55.5	77.1	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2½ (800)	56.5	78.3	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
2 (600)	57.1	78.8	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
1½ (500)	59.9	82.8	83.3	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	83.7
1 (400)	59.9	82.8	83.3	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	83.7
¾ (300)	61.8	86.5	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
½ (200)	62.6	87.8	88.5	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
¼ (150)	63.6	89.3	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
Less than ¼	64.7	91.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
4 (1800)	64.8	92.0	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3½ (1500)	65.2	92.4	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
3 (1200)	65.3	92.6	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
2½ (1000)	65.6	93.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2 (800)	66.1	94.2	95.2	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1½ (600)	66.1	94.4	95.6	96.2	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1 (500)	66.1	94.7	95.9	96.5	96.5	96.5	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
¾ (400)	66.1	95.0	96.1	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
½ (300)	66.5	95.5	96.6	97.4	97.4	97.4	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
¼ (150)	66.5	95.5	97.0	97.8	97.9	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0 (Sky Clear)	66.8	95.7	97.3	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
8 (800)	66.8	95.7	97.3	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
7 (700)	67.0	96.1	97.7	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
6 (600)	67.0	96.1	97.7	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
5 (500)	67.0	96.1	97.8	98.6	98.7	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4 (400)	67.0	96.1	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 (300)	67.0	96.1	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
2 (200)	67.0	96.1	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1 (100)	67.0	96.1	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0 (Sky Obscured)	67.0	96.1	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2	2A	3	3A	4	5	6	7	8	9	10	11	12	13	14	15
	46.8	68.0	68.9	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	49.9	72.4	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	49.9	72.4	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	49.9	72.4	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	50.3	73.0	73.9	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	50.4	73.2	74.1	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	53.0	76.5	77.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	53.0	76.5	77.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	56.5	82.2	83.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	57.5	83.7	84.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
	58.4	84.7	85.7	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
	61.1	88.7	89.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	61.1	88.7	89.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	61.5	89.6	90.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	62.0	90.3	91.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	62.5	90.8	91.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	62.5	91.4	92.5	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	62.7	91.8	93.4	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	62.7	92.0	93.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	62.8	92.3	93.9	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	62.9	92.4	94.3	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
	62.9	92.4	94.6	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
	63.0	92.7	94.9	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	63.1	92.8	95.2	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	63.0	92.9	95.4	96.7	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	63.0	93.2	95.8	97.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	63.0	93.2	95.8	97.1	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	63.0	93.2	95.8	97.1	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	63.0	93.2	95.8	97.1	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6
	63.0	93.2	95.8	97.1	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6
	63.0	93.2	95.8	97.1	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.7	99.7	99.9	99.9
	63.0	93.2	95.8	97.1	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

CEILING (FEET)	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
NO CEILING	39.3	58.2	60.4	61.5	61.8	62.0	62.1	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.6
20000+	43.6	64.4	66.9	68.2	68.6	68.7	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4
15000+	43.6	64.5	67.0	68.3	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6
12000+	43.6	64.5	67.0	68.3	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6
10000+	44.5	65.9	68.5	69.8	70.2	70.3	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	71.0
9000+	44.8	66.3	68.8	70.2	70.6	70.7	70.9	71.0	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.4
8000+	47.5	70.9	73.5	75.3	75.8	76.0	76.2	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.7
7000+	47.6	71.0	73.6	75.5	76.0	76.1	76.3	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.8
6000+	52.0	76.9	79.5	81.3	81.8	82.0	82.2	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.8
5000+	52.8	78.3	80.9	82.7	83.2	83.3	83.6	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.2
4500+	53.5	79.9	82.5	84.3	84.8	84.9	85.2	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.8
4000+	56.0	82.6	85.2	87.0	87.6	87.7	88.0	88.1	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.6
3500+	56.1	82.7	85.3	87.1	87.7	87.9	88.1	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.7
3000+	56.9	83.7	86.3	88.1	88.7	88.8	89.1	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.7
2500+	57.3	84.0	86.6	88.5	89.1	89.2	89.4	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.1
2000+	57.9	84.5	87.1	89.0	89.7	89.8	90.1	90.2	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.7
1800+	57.8	84.8	87.4	89.2	89.9	90.1	90.4	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.0
1500+	58.0	85.9	88.6	90.4	91.4	91.5	92.0	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.6
1400+	58.0	85.9	88.6	90.4	91.4	91.5	92.0	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.6
1300+	58.0	86.3	89.1	90.9	92.0	92.1	92.6	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.3
1200+	58.5	87.4	90.2	92.5	93.6	93.7	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.8
1100+	58.5	87.7	90.7	93.0	94.1	94.2	94.7	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.3
1000+	58.5	87.9	90.8	93.1	94.2	94.4	94.8	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.5
900+	58.7	88.0	91.0	93.5	94.7	94.8	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	96.0
800+	58.8	88.1	91.3	93.7	95.0	95.1	95.6	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.3
700+	58.9	88.3	92.0	94.5	95.8	96.0	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.2
600+	58.9	88.3	92.1	94.7	96.3	96.6	97.1	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.9
500+	59.0	88.7	92.5	95.1	96.8	97.1	97.7	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.5
400+	59.0	88.7	92.5	95.1	96.9	97.2	98.0	98.4	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.1
300+	59.0	88.7	92.5	95.1	96.9	97.2	98.0	98.4	98.4	98.8	98.9	99.0	99.1	99.1	99.1	99.3
200+	59.1	88.8	92.6	95.2	97.1	97.3	98.2	98.5	98.5	98.9	99.0	99.1	99.3	99.3	99.3	99.6
100+	59.1	88.8	92.6	95.2	97.1	97.3	98.2	98.5	98.5	98.9	99.0	99.1	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

	47.1	65.0	65.9	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
	51.4	70.6	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
	51.4	70.6	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
	51.4	70.6	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
	52.6	72.0	72.8	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	54.0	73.3	74.2	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	56.5	77.4	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	56.8	77.6	78.8	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	58.5	80.2	81.4	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
	59.1	81.4	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
	60.3	83.4	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
	61.3	85.2	86.5	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	61.6	85.4	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	62.1	86.2	87.5	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	62.1	86.2	87.5	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	62.5	87.3	88.9	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	62.8	88.0	89.7	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
	63.3	89.2	91.1	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	63.4	89.4	91.2	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	63.5	90.3	92.4	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	64.1	91.6	93.6	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	64.7	93.5	95.7	96.2	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	64.7	93.8	96.0	96.6	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	64.7	93.8	96.0	96.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	64.9	93.9	96.1	96.8	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	64.9	93.9	96.2	97.1	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	64.9	94.6	96.9	97.8	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	65.0	94.7	97.1	97.9	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724536 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING (FEET) / VISIBILITY (STATUTE MILES)	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	50.4	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 22000	53.9	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	53.9	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	53.9	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	54.7	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	56.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	58.9	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	59.9	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	60.2	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	60.4	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	61.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	62.9	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	63.4	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	64.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	65.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	66.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	67.1	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	68.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1600	68.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1400	69.0	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	69.8	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	69.9	96.2	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	70.1	96.6	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	70.1	96.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	70.1	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	70.1	97.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	70.1	98.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

	50.1	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	54.4	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	54.4	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	54.4	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	55.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	56.1	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	59.2	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	59.3	78.0	78.9	78.9	78.9	78.	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
	60.4	80.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	61.2	81.7	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
	62.2	83.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
	65.8	87.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	66.3	88.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	68.2	90.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	69.1	91.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	70.0	93.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	70.8	94.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	71.3	95.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	71.5	95.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	71.7	96.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	71.7	96.9	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	72.1	97.4	98.4	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	72.1	97.5	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	72.1	97.7	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	72.1	98.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	72.1	98.0	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	10	9	8	7	6	5	4	3	2	1½	1	¾	½	¼	0	
NO CEILING	52.4	69.1	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	69.3	
≥ 20000	59.5	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
≥ 18000	59.5	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
≥ 16000	59.5	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
≥ 14000	60.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
≥ 12000	61.6	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
≥ 10000	63.8	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
≥ 9000	63.8	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
≥ 8000	65.8	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
≥ 7000	66.6	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
≥ 6000	67.7	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
≥ 5000	69.3	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
≥ 4500	69.3	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
≥ 4000	69.8	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
≥ 3500	70.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 3000	71.2	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
≥ 2500	71.2	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
≥ 2000	71.2	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
≥ 1800	71.2	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
≥ 1500	71.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
≥ 1000	71.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
≥ 900	71.7	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 800	71.7	98.1	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 700	71.7	98.1	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 600	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 500	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 400	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9	
≥ 300	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9	
≥ 200	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9	
≥ 150	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9	
≥ 100	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9	
< 100	71.7	98.6	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING IN FEET																	
	52.2	72.5	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	57.7	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	57.7	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	57.7	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
4000	59.3	82.0	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
	59.6	82.5	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	62.2	87.1	87.7	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
	62.2	87.1	87.7	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
	63.3	88.5	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	64.1	89.6	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
5000	65.4	93.9	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	67.2	93.9	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
4500	67.2	93.9	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
4000	67.5	95.0	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
3500	67.7	95.5	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
3000	68.1	96.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
2500	68.2	96.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2000	68.5	96.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1800	68.5	96.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1500	68.5	97.0	98.1	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	98.5
1200	68.5	97.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1000	68.5	97.3	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
900	68.6	97.4	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	68.6	97.6	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	68.6	97.6	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	68.6	97.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	2½	2	1¾	1½	1¼	1	¾	½	¼	0	TOTAL
NO CEILING	48.6	66.9	67.6	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.2
≥ 20000	53.2	73.1	73.9	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 8000	53.2	73.1	73.9	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5
≥ 6000	53.2	73.1	73.9	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5
≥ 4500	54.3	74.4	75.2	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9
≥ 3000	54.9	75.2	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7
≥ 2500	57.6	79.4	80.3	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1
≥ 2000	57.7	79.5	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.2
≥ 1500	59.8	82.8	83.7	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5
≥ 1000	60.5	84.0	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 600	61.5	85.5	86.5	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 500	63.6	88.4	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2
≥ 450	63.7	88.6	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 400	64.5	89.8	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 350	64.9	90.4	91.4	91.9	92.1	92.1	92.1	92.2	92.2	92.3	92.3
≥ 300	65.5	91.4	92.5	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5
≥ 250	65.8	92.0	93.2	93.7	94.0	94.0	94.1	94.1	94.1	94.2	94.2
≥ 200	66.2	92.9	94.2	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3
≥ 150	66.2	93.1	94.3	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.5
≥ 100	66.4	93.6	94.9	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.1
≥ 70	66.7	94.2	95.6	96.2	96.6	96.6	96.7	96.7	96.7	96.8	96.8
≥ 60	66.9	94.7	96.3	97.0	97.3	97.4	97.5	97.5	97.5	97.6	97.6
≥ 50	67.0	95.0	96.5	97.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9
≥ 40	67.0	95.1	96.7	97.4	97.8	97.9	98.0	98.0	98.0	98.1	98.1
≥ 30	67.0	95.4	97.0	97.8	98.2	98.3	98.4	98.4	98.4	98.5	98.5
≥ 20	67.0	95.4	97.2	98.0	98.5	98.6	98.7	98.8	98.8	98.9	98.9
≥ 15	67.0	95.6	97.4	98.2	98.8	98.9	99.1	99.2	99.2	99.3	99.3
≥ 10	67.1	95.6	97.5	98.3	99.0	99.1	99.3	99.4	99.4	99.5	99.5
≥ 7	67.1	95.6	97.5	98.3	99.0	99.1	99.4	99.5	99.5	99.7	99.7
≥ 5	67.1	95.6	97.5	98.3	99.0	99.1	99.4	99.6	99.6	99.7	99.7
≥ 4	67.1	95.7	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7
≥ 2	67.1	95.7	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7
0	67.1	95.7	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7

≥ 2½	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1¾	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1½	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1¼	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ ¾	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ ½	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ ¼	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

≥ 22000	54.8	72.3	72.8	70.9	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1
≥ 20000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 18000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 17000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 16000	57.8	73.6	74.1	74.2	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 15000	58.9	75.0	75.5	75.6	76.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 14000	61.1	78.1	78.6	78.7	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 13000	61.1	78.1	78.6	78.7	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.6
≥ 12000	61.6	79.6	80.2	80.4	80.9	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 11000	61.9	81.0	81.6	81.8	82.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 10000	62.9	82.7	83.3	83.4	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6
≥ 9000	64.5	85.1	85.7	85.8	86.4	86.5	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 8000	64.5	85.3	86.0	86.1	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 7000	65.3	86.9	87.5	87.6	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
≥ 6000	65.4	87.0	87.6	87.8	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 5000	65.7	88.1	88.8	89.2	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 4500	66.1	89.5	90.3	90.8	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0
≥ 4000	66.7	91.3	92.1	92.6	93.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8
≥ 3500	66.7	91.5	92.2	92.7	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 3000	66.7	91.8	92.6	93.1	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3
≥ 2500	66.7	92.1	93.2	93.8	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 2200	66.7	92.7	93.8	94.4	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7
≥ 2000	66.7	93.1	94.1	94.8	95.4	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1800	66.7	93.2	94.3	94.9	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥ 1700	66.7	93.4	94.5	95.2	95.8	95.9	96.3	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1600	66.7	93.4	94.5	95.2	96.0	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1500	66.8	93.8	95.3	96.0	97.2	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 1400	66.8	93.9	95.4	96.2	97.4	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6
≥ 1300	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.7	98.9	99.0	99.2	99.2	99.2	99.2
≥ 1200	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.7	98.9	99.0	99.5	99.5	99.5	99.5
≥ 1100	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.7	98.9	99.0	99.5	99.5	99.5	99.6
≥ 1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.7	98.9	99.0	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724536 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

	53.7	67.7	69.4	69.9	70.5	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.3
	55.8	70.3	71.9	72.4	73.0	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8
	55.8	70.3	71.9	72.4	73.0	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8
	55.8	70.3	71.9	72.4	73.0	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8
	56.1	70.5	72.2	72.7	73.3	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.1
	56.7	71.1	72.8	73.3	73.9	74.3	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.7
	59.5	74.6	76.5	77.0	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.4
	59.5	74.6	76.5	77.0	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.4
	60.5	76.5	78.4	78.9	79.5	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.3
	60.8	77.7	79.7	80.3	80.9	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6
	61.8	79.5	81.5	82.0	82.7	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4
	62.4	81.4	83.4	83.9	84.6	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3
	62.5	81.8	83.8	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.7
	62.7	82.2	84.2	84.7	85.3	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.1
	62.9	82.7	84.7	85.2	85.8	86.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.6
	63.0	83.3	85.3	86.1	86.7	87.2	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.6
	63.5	84.1	86.2	87.0	87.6	88.1	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.5
	64.2	85.6	87.7	88.5	89.2	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1
	64.2	85.8	88.0	88.7	89.5	90.0	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.4
	64.2	86.1	88.4	89.1	89.9	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.8
	64.2	87.1	89.4	90.1	90.9	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.8
	64.3	87.7	90.1	90.9	91.8	92.3	92.4	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.8
	64.6	88.4	90.9	91.9	93.0	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.1
	64.7	88.9	91.6	92.7	93.9	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.1
	64.7	89.1	92.0	93.2	94.6	95.2	95.3	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.8
	64.7	89.1	92.5	93.8	95.2	96.2	96.5	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	97.0
	64.7	89.4	92.8	94.2	95.9	97.0	97.2	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7
	64.7	89.4	92.8	94.2	96.1	97.2	97.5	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	98.0
	64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.2	98.5	98.5	98.7	98.7	98.7	98.9
	64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.5	98.7	98.7	99.2	99.2	99.2	99.4
	64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.5	98.7	98.7	99.5	99.5	99.5	99.6
	64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.5	98.7	98.7	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

72456 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

	43.4	55.1	57.8	59.8	61.1	61.7	62.1	62.5	62.5	62.8	62.8	62.8	63.0	63.0	63.0	63.1
	45.7	58.7	61.3	63.6	64.9	65.5	65.9	66.3	66.3	66.7	66.7	66.7	66.8	66.8	66.8	66.9
	45.7	58.7	61.3	63.6	64.9	65.5	65.9	66.3	66.3	66.7	66.7	66.7	66.8	66.8	66.8	66.9
	45.7	58.7	61.3	63.6	64.9	65.5	65.9	66.3	66.3	66.7	66.7	66.7	66.8	66.8	66.8	66.9
	46.1	59.0	61.7	64.0	65.3	65.9	66.3	66.7	66.7	67.0	67.0	67.0	67.2	67.2	67.2	67.3
	47.1	60.1	62.7	65.0	66.3	66.9	67.3	67.7	67.7	68.1	68.1	68.1	68.2	68.2	68.2	68.3
	50.0	63.9	66.5	68.8	70.1	70.7	71.1	71.5	71.5	71.9	71.9	71.9	72.0	72.0	72.0	72.1
	50.1	64.0	66.7	69.0	70.2	70.9	71.2	71.6	71.6	72.0	72.0	72.0	72.1	72.1	72.1	72.3
	52.7	67.2	69.8	72.4	73.7	74.3	74.7	75.1	75.1	75.4	75.4	75.4	75.6	75.6	75.6	75.7
	52.7	67.8	70.5	73.0	74.3	75.1	75.4	75.8	75.8	76.2	76.2	76.2	76.3	76.3	76.3	76.5
	53.8	69.5	72.1	74.8	76.1	76.8	77.2	77.6	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.2
	54.7	71.8	74.6	77.5	78.8	79.5	79.9	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9	81.0
	55.1	72.1	75.1	78.0	79.3	80.0	80.4	80.9	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.6
	56.0	73.7	76.7	79.8	81.0	81.8	82.2	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.3
	56.7	74.3	77.4	80.5	81.8	82.6	83.0	83.5	83.5	83.8	83.8	83.8	84.0	84.0	84.0	84.1
	56.1	75.2	78.2	81.6	82.8	83.6	84.1	84.6	84.6	85.0	85.0	85.0	85.1	85.1	85.1	85.2
	56.4	76.0	79.1	82.7	84.1	84.9	85.4	85.9	85.9	86.3	86.3	86.3	86.4	86.4	86.4	86.5
	56.9	77.5	80.7	84.2	85.6	86.4	86.9	87.4	87.4	87.8	87.8	87.8	87.9	87.9	87.9	88.0
	57.1	78.4	81.6	85.1	86.5	87.3	87.8	88.3	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.9
	57.1	78.8	81.9	85.8	87.2	87.9	88.4	88.9	88.9	89.3	89.3	89.3	89.4	89.4	89.4	89.6
	57.3	79.6	82.8	86.6	88.4	89.3	89.8	90.3	90.3	90.7	90.7	90.7	90.8	90.8	90.8	91.0
	57.4	80.7	84.1	88.2	90.1	9..0	91.5	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.6
	57.4	80.8	84.2	88.4	90.3	91.3	91.9	92.4	92.4	92.7	92.7	92.7	92.9	92.9	92.9	93.0
	57.5	81.7	85.4	89.6	91.5	92.5	93.0	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.1
	57.6	82.2	86.1	90.3	92.2	93.3	93.9	94.5	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.2
	57.8	82.3	86.3	90.5	92.7	93.8	94.5	95.2	95.2	95.5	95.5	95.5	95.7	95.7	95.7	95.8
	57.9	82.8	87.0	91.3	93.9	94.9	95.7	96.3	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.9
	57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.0	98.0	98.0	98.3	98.3	98.3	98.5
	5 .9	82.9	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.0	98.1	98.1	98.5	98.5	98.5	98.6
	57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.7	98.7	99.2	99.4	99.4	99.5
	57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.7	98.7	99.2	99.4	99.4	99.5
	57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.7	98.7	99.2	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

774566 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0				
22000	49.7	62.2	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
20000	53.8	67.8	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
18000	53.9	67.8	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
16000	53.9	67.8	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
14000	54.3	68.3	69.0	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
12000	54.4	68.5	69.3	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
10000	57.0	71.7	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
9000	57.1	71.8	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
8000	58.2	73.9	75.0	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
7000	58.4	74.7	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
6000	59.6	76.3	77.4	78.0	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	60.7	77.7	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
4500	60.9	78.0	79.6	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
4000	61.8	79.3	80.8	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
3500	61.9	79.6	81.1	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
3000	62.2	80.5	82.0	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
2500	62.2	81.1	82.7	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2000	63.5	83.1	84.9	85.8	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
1800	63.8	83.6	85.4	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1600	64.3	85.0	87.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
1400	65.1	86.8	89.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1200	65.2	88.2	90.7	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	92.5
1000	65.4	88.8	91.5	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
900	65.4	89.2	91.9	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
800	65.5	90.2	93.0	94.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
700	65.5	90.7	93.7	95.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
600	65.5	91.4	94.4	95.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
500	65.5	91.8	94.8	96.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
400	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
300	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
200	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9
100	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.4	99.5	99.6	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

	49.2	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
	55.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
	55.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
	55.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
	56.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
	56.7	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
	58.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
	58.5	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
	59.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
	61.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
	61.2	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
	62.0	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
	62.3	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
	63.1	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
	63.5	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
	64.6	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
	65.6	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
	67.3	86.9	87.5	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
	67.9	87.8	88.4	88.8	88.8	88.8	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
	68.3	90.2	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
	69.3	93.0	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
	69.5	93.6	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
	69.5	94.4	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
	69.5	94.4	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
	69.5	95.3	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
	69.5	95.9	96.7	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
	69.5	96.2	97.1	98.7	98.7	98.7	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
	69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
	69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
	69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
	69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
	69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	⅜	¼	0
NO CEILING	49.2	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	61.1
20000	55.8	70.5	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
15000	55.8	70.5	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
12000	55.8	70.5	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
10000	56.5	71.3	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
9000	57.9	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
8000	60.5	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
7000	60.9	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
6000	62.1	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
5000	62.4	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
4500	63.2	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
4000	64.8	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
3500	65.1	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3000	66.3	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2500	67.1	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2000	68.1	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1800	69.1	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1500	70.1	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
1200	70.3	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1000	70.8	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
900	71.2	95.2	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
800	71.4	96.1	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
700	71.4	96.8	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
600	71.4	96.8	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
500	71.4	97.1	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
400	71.4	97.1	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
300	71.4	97.6	98.0	98.6	98.9	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
200	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
100	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
0	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74586 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING FEET																
[illegible]	53.2	68.1	68.1	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
[illegible]	58.9	75.0	75.0	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
[illegible]	58.9	75.0	75.0	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
[illegible]	58.9	75.0	75.0	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
[illegible]	60.1	76.6	76.6	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
[illegible]	60.8	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
[illegible]	64.0	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
[illegible]	64.0	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
[illegible]	65.7	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
[illegible]	66.0	85.3	85.3	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
[illegible]	66.8	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
[illegible]	67.9	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
[illegible]	68.2	88.2	88.2	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
[illegible]	68.6	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
[illegible]	69.3	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
[illegible]	69.3	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	69.3	91.0	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
[illegible]	70.2	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
[illegible]	70.2	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
[illegible]	71.1	94.2	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	71.5	95.3	95.3	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
[illegible]	71.7	96.1	96.1	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	71.7	96.3	96.3	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	71.7	96.5	96.5	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	71.7	96.7	96.7	97.5	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	71.7	96.8	96.8	97.7	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	71.7	97.1	97.1	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	71.7	97.1	97.1	98.5	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	71.7	97.1	97.1	98.6	99.1	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	2½	2	1½	1¼	1	¾	½	¼	0								
NO CEILING	55.3	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	
20000	58.6	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	
18000	58.6	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	
16000	58.6	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	
14000	60.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	
12000	60.6	78.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	
10000	63.5	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	
9000	63.5	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	
8000	64.7	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	
7000	65.5	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	
6000	66.4	86.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	
5000	67.9	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	
4500	67.9	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	
4000	68.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	
3500	68.7	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	
3000	68.9	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	
2500	69.1	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	
2200	69.6	93.6	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	
2000	69.6	93.7	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5	
1800	69.7	94.2	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	
1600	69.7	94.5	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	
1400	70.1	95.3	95.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	
1200	70.1	95.6	95.8	97.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	
1000	70.1	95.8	96.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	
900	70.1	96.2	96.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	
800	70.1	96.2	96.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	
700	70.1	96.2	96.6	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	
600	70.1	96.4	97.1	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	
500	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	
400	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	
300	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	
200	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	≥ 0	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING	51.1	64.6	65.4	65.9	66.2	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
≥ 18000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
≥ 17000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
≥ 16000	55.9	70.8	71.5	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 15000	56.7	71.7	72.5	73.0	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8
≥ 14000	59.2	75.2	76.0	76.5	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
≥ 13000	59.3	75.2	76.1	76.6	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	60.7	77.3	78.2	78.8	79.1	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 11000	61.0	78.4	79.3	79.9	80.2	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥ 10000	62.0	79.7	80.6	81.2	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0
≥ 9000	63.1	81.5	82.5	83.1	83.5	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8500	63.3	82.0	82.9	83.6	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	64.0	83.2	84.2	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7500	64.4	83.9	84.9	85.6	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	64.8	85.2	86.2	87.0	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 6500	65.2	86.1	87.2	88.1	88.4	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	66.1	87.9	89.0	89.9	90.2	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8
≥ 5500	66.2	88.3	89.4	90.3	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	66.5	89.2	90.4	91.4	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	66.9	90.5	91.7	92.8	93.3	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4400	67.0	91.3	92.6	93.9	94.5	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	67.1	91.8	93.1	94.4	95.1	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 3500	67.1	92.1	93.5	94.8	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	67.2	92.5	94.1	95.4	96.2	96.5	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 2500	67.2	92.7	94.3	95.8	96.6	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 2200	67.2	93.1	94.8	96.4	97.4	97.7	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 2000	67.2	93.1	95.0	96.7	97.9	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1600	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1400	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.3	99.4	99.5	99.7	99.7	99.8	99.8		
≥ 1200	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.3	99.4	99.5	99.7	99.8	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 6305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

774586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2½	2	1½	1	¾	½	¼	0								
12000	56.3	73.6	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.4
10000	57.6	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.5
9000	57.6	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.5
8000	57.6	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.5
7000	57.9	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.7
6000	58.4	76.4	76.6	76.6	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2
5000	60.2	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.2
4500	60.2	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.2
4000	60.6	80.2	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	81.0
3500	60.7	80.4	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.3
3000	60.7	80.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.8
2500	62.1	82.5	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.6
2400	62.4	83.4	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.5
2200	63.1	84.5	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.6
2000	63.8	85.6	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.8
1800	64.4	86.7	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1
1600	64.6	87.0	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7
1400	65.0	87.6	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	90.0
1200	65.0	88.0	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3
1000	65.6	89.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.7
900	65.6	89.5	91.7	91.9	92.3	92.3	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.7
800	65.6	89.6	91.9	92.4	92.9	92.9	93.0	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.4
700	65.6	89.8	92.2	92.7	93.3	93.3	93.5	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.9
600	65.6	90.2	92.9	93.5	94.2	94.2	94.6	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.0
500	65.6	90.9	94.0	94.6	95.8	95.8	96.2	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.6
400	65.6	91.1	94.1	94.9	96.1	96.1	97.1	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.8
300	65.6	91.1	94.4	95.1	96.5	96.5	97.6	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.4
200	65.6	91.1	94.4	95.1	96.6	96.6	97.7	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.5
100	65.6	91.1	94.4	95.2	96.7	96.7	97.8	98.2	98.2	98.4	98.5	98.5	99.0	99.0	99.0	99.1
50	65.6	91.1	94.4	95.2	96.7	96.7	97.8	98.2	98.2	98.4	98.5	98.5	99.1	99.1	99.3	99.4
0	65.6	91.1	94.4	95.2	96.7	96.7	97.8	98.2	98.2	98.4	98.5	98.5	99.1	99.1	99.3	99.5
	65.6	91.1	94.4	95.2	96.7	96.7	97.8	98.2	98.2	98.4	98.5	98.5	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 817

L RAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7145 36 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

51.5	68.2	68.4	69.2	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	
52.6	70.7	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	
52.6	70.7	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	
52.6	70.7	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	
52.7	70.8	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.4	
53.1	71.1	71.8	72.1	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	
56.2	75.2	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	
56.5	75.4	76.0	76.4	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	
56.9	76.5	77.1	77.5	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	
57.1	76.9	77.5	77.9	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.5	
57.2	77.4	78.1	78.5	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	
58.8	79.5	80.2	80.6	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.2	
58.9	80.1	80.9	81.3	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	
59.7	82.0	82.9	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.9	
60.3	82.6	83.5	83.9	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	
61.1	84.0	85.5	85.8	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6	
61.5	84.8	86.4	86.8	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	
61.7	85.3	87.3	87.7	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	
61.9	85.6	87.7	88.0	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	
62.5	87.2	89.6	90.0	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	
62.5	88.3	91.2	91.6	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	
62.5	88.9	91.9	92.3	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.2	
62.5	89.0	92.3	92.7	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	
62.5	89.5	93.0	93.4	94.1	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	
62.5	89.7	93.5	93.9	94.9	94.9	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	
62.5	89.7	93.9	94.3	95.4	95.4	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	
62.6	90.0	94.1	94.7	95.8	96.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	
62.6	90.0	94.3	95.0	96.3	96.5	97.8	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.3	
62.6	90.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.1	99.1	99.3	
62.6	90.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.1	99.1	99.3	
62.6	90.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.3	99.3	99.5	
62.6	90.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
≥ 12000	49.5	64.4	64.9	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.3	66.3
≥ 10000	50.7	66.3	66.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
≥ 8000	50.7	66.3	66.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
≥ 7000	50.8	66.4	66.9	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3
≥ 6000	51.4	67.5	68.1	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5
≥ 5000	51.8	68.0	68.6	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0
≥ 4500	54.3	71.1	71.7	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2
≥ 4000	54.6	71.4	72.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4
≥ 3500	55.3	72.6	73.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.8	74.8
≥ 3000	55.4	72.8	73.4	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.3	75.3
≥ 2500	56.0	74.2	74.9	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7
≥ 2000	57.5	76.5	77.2	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4
≥ 1800	57.5	76.9	77.8	79.3	79.5	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0
≥ 1500	58.5	78.4	79.8	81.2	81.5	81.6	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0
≥ 1200	58.8	78.9	80.3	81.7	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.5	82.5
≥ 1000	60.3	81.0	82.6	84.0	84.3	84.4	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.8
≥ 900	60.4	81.6	83.3	84.9	85.3	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.9	85.9
≥ 800	61.0	82.5	84.3	85.9	86.2	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8
≥ 700	61.0	82.6	84.4	86.0	86.4	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	87.0	87.0
≥ 600	61.6	83.9	86.1	87.7	88.2	88.3	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8
≥ 500	61.9	85.3	87.7	89.3	89.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5
≥ 400	62.1	86.0	88.8	90.4	91.0	91.1	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7
≥ 300	62.2	86.2	89.0	90.6	91.2	91.4	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	92.0	92.0
≥ 200	62.2	86.7	89.9	91.5	92.1	92.2	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	93.1	93.1
≥ 100	62.2	87.2	90.5	92.1	93.1	93.3	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.2	94.2
≥ 50	62.2	87.2	90.7	92.6	93.7	93.9	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.8	94.8
≥ 200	62.2	87.7	91.6	93.8	95.1	95.5	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5
≥ 400	62.2	87.7	91.8	94.3	95.6	96.1	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6
≥ 300	62.2	87.7	91.8	94.4	95.7	96.3	97.7	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.4
≥ 200	62.2	87.7	92.0	94.5	95.9	96.5	97.8	97.8	97.9	98.2	98.3	98.3	98.5	98.5	98.7	98.8
≥ 100	62.4	87.8	92.1	94.6	96.0	96.6	97.9	97.9	98.1	98.3	98.4	98.4	98.8	98.8	98.9	99.3
0	62.4	87.8	92.1	94.6	96.0	96.6	97.9	97.9	98.1	98.3	98.4	98.4	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 821

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	2½	2	1½	1	¾	½	¼	0	½	1	1½	2	2½	3	4	5	6+
	50.8	64.3	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	
	53.3	68.3	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	
	53.3	68.3	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	
	53.3	68.3	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	
	54.0	69.1	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	
	54.7	69.9	70.4	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	
	57.2	72.8	73.4	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	
	57.3	73.3	73.9	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	
	57.8	74.1	74.7	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	
	57.8	74.1	74.7	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	
	58.5	75.6	76.2	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	
	59.0	76.4	77.1	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2	
	59.1	76.7	77.4	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	
	59.3	77.5	78.3	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	
	59.5	78.0	78.8	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	
	60.4	79.8	80.6	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	
	61.5	81.0	82.0	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	
	62.1	81.7	83.1	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	
	62.1	81.8	83.2	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	
	62.6	83.9	85.3	86.1	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	
	63.8	85.9	87.5	88.3	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	
	64.3	87.9	89.7	90.6	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	
	64.3	87.9	89.8	90.8	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	
	64.3	88.2	90.3	91.3	92.1	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	
	64.3	88.8	90.9	92.1	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	
	64.3	89.0	91.3	92.8	94.5	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	
	64.3	89.7	92.1	93.7	95.8	96.3	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	
	64.3	89.9	92.5	94.1	96.6	97.1	98.2	98.3	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	
	64.3	89.9	92.5	94.2	96.9	97.4	98.7	98.8	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	
	64.3	89.9	92.5	94.2	96.9	97.4	98.7	98.8	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	
	64.3	89.9	92.5	94.2	96.9	97.4	98.7	98.8	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	
	64.3	89.9	92.5	94.2	96.9	97.4	98.7	98.8	99.1	99.3	99.3	99.4	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	52.1	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	66.5
[illegible]	56.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
[illegible]	56.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
[illegible]	56.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
[illegible]	56.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
[illegible]	56.8	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	73.7	73.7
[illegible]	58.7	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	76.3
[illegible]	59.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
[illegible]	59.2	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	77.2	77.2
[illegible]	59.6	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	78.1
[illegible]	60.0	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
[illegible]	60.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
[illegible]	60.9	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	79.5
[illegible]	61.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
[illegible]	61.9	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
[illegible]	62.4	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	81.5	81.5
[illegible]	63.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
[illegible]	65.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
[illegible]	65.8	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
[illegible]	66.3	89.1	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
[illegible]	66.7	90.8	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	67.1	91.9	93.1	93.5	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
[illegible]	67.2	92.2	93.5	93.8	94.2	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
[illegible]	67.2	93.1	94.5	95.1	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
[illegible]	67.2	93.5	94.8	96.2	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	67.2	93.5	94.8	96.4	97.3	97.3	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	67.2	93.7	95.4	97.0	98.4	98.4	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	67.2	93.8	95.6	97.4	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	67.2	93.8	95.6	97.4	99.0	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	67.2	93.8	95.6	97.4	99.0	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	67.2	93.8	95.6	97.4	99.0	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	67.2	93.8	95.6	97.4	99.0	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0				
	52.5	67.8	68.1	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
	58.1	74.4	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
	58.1	74.4	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
	58.1	74.4	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
	59.0	75.2	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	75.6
	59.8	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	61.5	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	79.4	79.4
	61.5	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	79.4	79.4
	62.4	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
	62.5	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	62.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	63.3	83.5	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	63.5	83.6	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	65.7	86.3	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
	65.9	86.9	87.1	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	87.4
	66.6	88.1	88.3	88.5	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
	67.5	89.3	89.7	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	89.9
	67.8	91.4	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	68.3	92.1	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	68.3	92.5	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
	68.7	93.3	93.7	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	68.9	93.9	94.4	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	68.9	94.1	94.7	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	96.0
	68.9	94.3	94.9	96.0	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	68.9	94.5	95.1	96.4	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	68.9	94.8	95.5	96.8	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	68.9	95.1	96.4	97.8	98.8	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	68.9	95.1	96.4	97.8	98.8	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	68.9	95.1	96.4	97.8	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.9	95.1	96.4	97.8	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.9	95.1	96.4	97.8	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.9	95.1	96.4	97.8	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

	53.7	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
	58.7	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	76.9	76.9
	58.7	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	76.9	76.9
	58.7	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	76.9	76.9
	59.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	60.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
	61.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	61.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	62.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
	62.9	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	83.1	83.1
	62.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
	64.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	64.4	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	66.1	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	66.7	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
	67.4	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	67.6	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	68.1	93.1	93.6	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
	68.5	93.6	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	68.7	94.0	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	68.7	94.1	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	68.7	94.1	95.6	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	68.7	94.2	95.8	96.3	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	68.7	94.2	95.8	96.4	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	68.7	94.4	96.0	96.7	97.2	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	68.7	94.4	96.3	97.3	97.8	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	68.7	94.8	96.8	98.0	98.7	98.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	68.7	95.0	96.9	98.2	98.8	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	68.7	95.0	96.9	98.2	98.8	98.9	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.7	95.0	96.9	98.2	98.8	98.9	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.7	95.0	96.9	98.2	98.8	98.9	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	68.7	95.0	96.9	98.2	98.8	98.9	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 815

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

CEILING (FEET)																	
	55.1	73.6	73.6	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	58.3	77.5	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
	58.3	77.5	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
	58.3	77.5	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
	58.6	77.8	77.8	77.9	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
	59.0	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	60.9	80.7	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	60.9	80.7	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	62.6	82.9	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	63.3	83.6	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	84.1
	63.4	83.9	84.1	84.2	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
	64.1	85.3	85.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	64.3	85.7	85.9	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
	65.2	87.0	87.4	87.9	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
	65.3	87.4	87.8	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
	66.1	89.0	89.5	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	66.5	89.4	89.9	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	66.7	90.8	91.7	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	66.7	91.0	91.8	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
	66.9	91.2	92.1	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
	67.0	91.4	92.5	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	67.2	91.9	93.5	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	67.2	92.1	93.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	67.2	92.4	94.4	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	67.2	92.7	94.9	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	67.4	93.0	95.5	96.6	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	67.4	93.3	95.8	97.2	98.5	98.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	67.4	93.3	95.8	97.2	98.5	98.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	52.7	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4
≥ 25000	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 20000	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 15000	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 12000	56.2	73.4	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
≥ 10000	56.8	74.1	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 9000	58.8	76.9	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 8000	59.0	77.1	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 7000	59.7	78.3	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.2
≥ 6500	59.9	78.8	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.7
≥ 6000	60.2	79.4	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 5500	61.2	81.2	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 5000	61.4	81.6	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8
≥ 4500	62.4	83.1	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 4000	62.8	83.8	84.4	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 3500	63.6	85.2	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 3000	64.2	86.1	86.9	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.8
≥ 2500	64.7	87.4	88.5	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4
≥ 2000	64.9	87.8	88.9	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 1800	65.3	88.9	90.2	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2
≥ 1500	65.6	89.8	91.3	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	65.8	90.5	92.4	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1000	65.8	90.7	92.6	93.4	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 900	65.8	91.1	93.2	94.1	94.7	94.7	95.0	95.0	95.0	95.0	95.1	95.1	95.1
≥ 800	65.8	91.5	93.7	94.7	95.5	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.1
≥ 700	65.9	91.6	94.0	95.2	96.1	96.2	96.8	96.9	96.9	96.9	97.0	97.0	97.0
≥ 600	65.9	91.9	94.6	95.9	97.2	97.3	98.0	98.2	98.3	98.3	98.4	98.4	98.4
≥ 500	65.9	92.0	94.7	96.1	97.5	97.7	98.5	98.6	98.7	98.8	98.9	98.9	98.9
≥ 400	65.9	92.0	94.7	96.2	97.6	97.9	98.7	98.9	99.1	99.2	99.3	99.5	99.5
≥ 300	65.9	92.0	94.7	96.2	97.7	97.9	98.8	98.9	99.1	99.3	99.4	99.6	99.6
≥ 200	65.9	92.0	94.7	96.2	97.7	97.9	98.8	99.0	99.1	99.3	99.4	99.6	99.8
≥ 100	65.9	92.0	94.7	96.2	97.7	97.9	98.8	99.0	99.1	99.3	99.4	99.6	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 6539

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2½	2	1½	1¼	1	¾	½	¼	0	½	¾	1	1¼	1½	1¾	2
NO CEILING	44.9	61.4	61.8	62.1	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
20000	47.4	65.0	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
15000	47.4	65.0	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
10000	47.4	65.0	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
9000	48.5	66.1	66.5	66.9	67.0	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
8000	48.8	66.5	66.9	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
7000	51.1	69.5	69.9	70.3	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
6000	51.4	69.8	70.1	70.5	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
5000	52.9	71.3	71.6	72.0	72.1	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
4500	53.4	71.9	72.3	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
4000	54.5	73.3	73.6	74.0	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
3500	56.1	75.4	75.9	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
3000	56.7	75.5	76.0	76.4	76.5	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2500	56.5	77.4	78.1	78.5	78.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
2200	56.5	77.9	78.8	79.1	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2000	56.8	79.1	80.4	80.8	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1800	57.3	80.1	81.4	81.9	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
1700	57.8	81.5	82.9	83.4	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1600	57.9	82.0	83.4	83.9	84.0	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1500	58.5	83.9	85.3	85.8	85.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1400	59.5	86.0	87.4	88.1	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
1300	59.8	86.8	88.5	89.3	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1200	60.1	87.4	89.1	90.0	90.8	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1100	60.1	87.9	89.6	90.5	91.8	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1000	60.3	88.0	89.8	90.9	92.4	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
900	60.3	88.1	90.0	91.3	93.0	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
800	60.3	88.1	90.3	91.9	94.0	94.1	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
700	60.3	88.1	90.4	92.1	94.5	94.6	96.0	96.6	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4
600	60.3	88.1	90.4	92.4	95.1	95.3	96.6	97.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4
500	60.3	88.1	90.4	92.6	95.4	95.5	97.1	98.3	98.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
400	60.3	88.1	90.4	92.6	95.4	95.5	97.1	98.3	98.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8
300	60.3	88.1	90.4	92.6	95.4	95.5	97.1	98.3	98.3	99.3	99.5	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
≥ UNLIM	44.2	58.5	60.2	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	
≥ 20000	46.2	61.7	63.5	63.9	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
≥ 8000	46.2	61.7	63.5	63.9	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
≥ 5000	46.2	61.7	63.5	63.9	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
≥ 4000	47.1	62.6	64.4	64.7	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
≥ 3000	47.3	63.5	65.2	65.6	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
≥ 2500	48.8	66.0	67.8	68.1	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
≥ 2000	48.8	66.1	67.9	68.3	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
≥ 1800	50.4	68.3	70.0	70.4	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
≥ 1600	50.7	68.6	70.4	70.8	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
≥ 1400	51.1	69.1	70.9	71.3	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
≥ 1200	51.7	70.4	72.3	72.6	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
≥ 1000	51.7	70.8	72.6	73.0	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
≥ 900	52.3	71.8	74.0	74.4	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
≥ 800	52.7	72.5	74.8	75.2	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
≥ 700	52.8	73.8	76.0	76.4	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
≥ 600	53.2	74.7	77.0	77.4	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
≥ 500	54.3	77.4	79.9	80.3	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
≥ 400	54.3	77.9	80.4	80.8	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
≥ 300	55.6	80.4	83.4	83.8	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	
≥ 200	56.6	82.7	85.9	86.6	87.8	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
≥ 150	56.7	83.2	86.7	87.6	89.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
≥ 100	57.1	83.7	88.1	89.1	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
≥ 50	57.3	84.2	89.3	90.5	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
≥ 30	57.3	84.8	90.2	91.3	93.1	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
≥ 20	57.3	84.9	90.5	91.7	93.6	93.6	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
≥ 15	57.3	84.9	90.8	92.6	94.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
≥ 10	57.3	85.3	91.2	93.2	96.0	96.0	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 7	57.3	85.3	91.2	93.2	96.1	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
≥ 5	57.3	85.3	91.2	93.2	96.1	96.1	98.4	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 4	57.3	85.3	91.2	93.2	96.1	96.1	98.5	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	
0	57.3	85.3	91.2	93.2	96.1	96.1	98.5	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES															
	10 OR MORE	7	5	4	3	2½	2	1½	1	¾	½	¼	0			
22000 OR MORE	41.7	55.0	57.3	58.5	59.0	59.0	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7
20000	43.9	57.9	60.3	61.8	62.3	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
18000	43.9	57.9	60.3	61.8	62.3	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
16000	43.9	57.9	60.3	61.8	62.3	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
14000	44.1	58.4	60.8	62.3	62.8	62.8	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
12000	44.8	59.2	61.6	63.1	63.6	63.6	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
10000	46.4	61.7	64.1	65.6	66.1	66.1	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
9000	46.4	62.1	64.5	66.0	66.5	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3
8000	47.3	63.5	65.9	67.4	67.9	67.9	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
7000	47.7	64.3	66.8	68.3	69.0	69.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
6000	48.5	65.7	68.1	69.7	70.4	70.5	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
5000	49.2	67.0	69.7	71.2	72.1	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
4500	49.3	67.1	69.8	71.3	72.2	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1
4000	49.3	67.3	70.3	71.9	72.8	72.9	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
3500	49.7	68.0	71.2	72.8	73.7	73.8	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
3000	49.8	69.4	72.7	74.5	75.3	75.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4
2500	50.7	70.7	74.1	75.9	76.7	76.9	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
2200	52.3	72.9	76.6	78.5	79.5	79.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
2000	52.5	73.2	76.9	78.8	79.8	79.9	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
1800	53.6	75.2	79.0	80.9	82.0	82.2	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
1600	54.6	77.7	81.8	83.9	85.1	85.2	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3
1400	54.6	78.5	82.8	85.0	86.1	86.2	86.7	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.4
1200	55.0	79.1	83.4	85.8	87.1	87.2	87.7	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.4
1000	55.1	79.8	85.0	87.5	89.0	89.3	89.8	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.5
900	55.1	80.2	86.0	88.7	90.4	90.6	91.2	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.9
800	55.1	80.2	86.5	89.9	91.8	92.0	92.5	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.3
700	55.1	80.4	87.0	90.5	93.3	93.6	94.6	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.3
600	55.1	80.7	87.4	90.9	93.9	94.2	95.7	96.2	96.2	96.6	96.8	96.8	96.8	97.0	97.0	97.1
500	55.1	80.7	87.4	90.9	93.9	94.2	96.1	96.7	96.7	97.2	97.6	97.6	97.9	98.0	98.0	98.1
400	55.1	80.7	87.4	91.0	94.1	94.3	96.2	97.0	97.0	98.0	98.4	98.4	98.6	98.7	98.9	99.0
300	55.1	80.7	87.4	91.0	94.1	94.3	96.2	97.0	97.0	98.0	98.4	98.4	98.7	98.9	99.0	99.1
200	55.1	80.7	87.4	91.0	94.1	94.3	96.2	97.0	97.0	98.0	98.4	98.4	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 791

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	¾	½	¼	0
≥ 22000	39.3	52.5	53.4	53.5	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	43.9	59.7	60.6	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	43.9	59.7	60.6	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 17000	43.9	59.7	60.6	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	45.1	61.4	62.3	62.5	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
≥ 15000	46.0	62.3	63.2	63.3	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	48.0	64.7	65.6	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 13000	48.0	64.9	65.7	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	49.4	67.3	68.4	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 11000	49.6	67.6	68.8	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	50.4	68.9	70.0	70.3	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	51.3	70.0	71.3	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	51.6	70.3	71.7	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	51.7	70.7	72.1	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6500	52.0	71.2	72.6	72.8	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	52.6	72.9	74.3	74.6	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	53.2	74.2	75.7	76.1	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	53.9	76.0	77.6	78.3	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	54.1	76.5	78.1	78.8	79.0	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	55.1	78.9	80.5	81.2	81.5	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	56.4	81.8	83.7	84.5	84.8	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	56.8	83.1	85.3	86.1	86.5	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2200	56.8	83.7	86.0	87.0	87.4	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	56.9	84.7	87.4	88.5	88.9	88.9	89.4	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	57.1	85.1	88.2	90.1	90.6	90.6	91.2	91.4	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1700	57.1	85.5	88.9	91.4	92.0	92.0	92.7	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1600	57.1	85.8	89.8	92.3	93.2	93.4	94.7	95.1	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1400	57.1	85.8	89.8	92.3	93.3	93.8	95.3	96.0	96.1	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	57.1	85.8	89.8	92.4	93.4	93.9	95.7	96.6	96.7	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2
≥ 1000	57.1	85.8	89.8	92.4	93.4	93.9	95.7	97.0	97.1	98.4	98.6	98.6	99.2	99.2	99.2	99.5	
≥ 800	57.1	85.8	89.8	92.4	93.4	93.9	95.7	97.0	97.1	98.4	98.6	98.6	99.4	99.4	99.7	100.0	
≥ 0	57.1	85.8	89.8	92.4	93.4	93.9	95.7	97.0	97.1	98.4	98.6	98.6	99.4	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥	≥
NO CEILING	44.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	49.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	49.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 17000	49.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	51.2	65.0	65.0	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
≥ 12000	51.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	54.3	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	54.3	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
≥ 8000	55.3	70.4	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
≥ 7000	55.7	70.8	71.0	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
≥ 6000	56.4	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	56.8	72.2	72.4	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
≥ 4500	57.0	72.4	72.7	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
≥ 4000	57.2	73.2	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
≥ 3500	58.0	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	59.3	76.4	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	60.0	77.7	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	60.8	80.3	80.8	81.0	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	60.9	80.7	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1600	61.6	82.8	83.3	83.4	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1400	62.5	85.2	86.3	86.5	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	62.8	87.0	89.0	89.3	89.7	89.7	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	63.2	87.7	89.8	90.0	90.4	90.5	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	63.2	88.0	90.5	90.8	91.2	91.3	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	63.6	88.9	91.8	92.3	92.8	93.0	93.5	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	63.6	89.1	92.2	93.1	93.6	93.9	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	63.6	89.4	92.6	93.7	94.6	95.3	96.7	96.9	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	63.6	89.5	92.7	94.0	95.0	95.9	97.4	97.8	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 450	63.6	89.5	92.7	94.0	95.1	96.0	97.6	98.0	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	63.6	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0
≥ 350	63.6	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	63.6	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	25	20	15	12	10	9	8	7	6	5	4	3	2½	2	1½	1
25000	43.1	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
22000	49.9	64.8	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	65.2
18000	50.1	65.0	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
16000	50.1	65.0	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
14000	51.5	66.5	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
12000	52.1	67.8	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
11000	55.6	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
10000	55.7	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
9000	57.1	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
8000	57.1	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
7000	58.4	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
6000	59.4	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
5000	59.4	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
4500	60.1	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	77.8
4000	61.2	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
3500	61.9	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
3000	62.8	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2500	63.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
2000	64.1	85.1	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
1800	65.0	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
1500	65.3	88.2	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1200	66.1	89.6	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
1000	66.1	90.4	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
900	66.1	90.8	92.4	92.7	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
800	66.1	91.1	93.2	94.0	94.0	94.0	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
700	66.1	91.3	93.7	94.5	94.6	94.7	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
600	66.1	91.3	93.7	95.0	95.5	95.6	96.5	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
500	66.1	91.3	93.7	95.0	95.8	96.0	96.9	97.2	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7
400	66.1	91.3	93.7	95.1	96.1	96.4	97.4	97.8	97.8	98.6	98.7	98.7	98.8	98.8	98.8	98.8
300	66.1	91.3	93.7	95.3	96.3	96.5	97.6	98.1	98.1	99.1	99.2	99.2	99.6	100.0	100.0	100.0
200	66.1	91.3	93.7	95.3	96.3	96.5	97.6	98.1	98.1	99.1	99.2	99.2	99.6	100.0	100.0	100.0
100	66.1	91.3	93.7	95.3	96.3	96.5	97.6	98.1	98.1	99.1	99.2	99.2	99.6	100.0	100.0	100.0
0	66.1	91.3	93.7	95.3	96.3	96.5	97.6	98.1	98.1	99.1	99.2	99.2	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	2	2½	3	4	5	6	7	8	9	10							
NO CEILING	45.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
20000	50.6	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	64.9	64.9	64.9
15000	51.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
12000	51.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
10000	52.5	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	66.8	66.8
9000	53.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
8000	56.0	71.4	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	71.6	71.6
7000	56.4	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
6000	57.5	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
5000	57.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
4500	58.0	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
4000	58.9	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
3500	58.9	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
3000	59.8	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
2500	60.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2000	61.5	80.2	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	80.7	80.7
1500	62.5	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1000	63.1	84.9	85.5	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
900	63.4	85.2	85.9	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.	86.3	86.3	86.3	86.3
800	64.0	87.3	88.3	88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
700	64.1	88.5	89.7	89.9	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
600	64.2	89.2	90.8	91.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
500	64.2	89.4	91.2	91.9	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
400	64.2	89.7	92.1	92.9	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
300	64.2	90.1	92.6	93.5	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
200	64.2	90.2	92.9	93.9	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
150	64.2	90.2	93.3	94.7	95.7	95.9	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
100	64.2	90.2	93.5	95.2	96.6	96.8	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
50	64.2	90.2	93.5	95.3	96.8	97.1	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	64.2	90.2	93.5	95.5	97.2	97.5	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	64.2	90.2	93.5	95.5	97.2	97.5	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	
	64.2	90.2	93.5	95.5	97.2	97.5	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0			
NO CEILING	45.3	61.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	49.4	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 18000	49.7	66.4	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	66.9
≥ 16000	49.7	66.4	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	66.9
≥ 14000	50.3	66.9	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	67.4
≥ 12000	50.5	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 10000	52.7	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 9000	53.4	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 8000	55.2	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9
≥ 7000	55.7	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9
≥ 6000	56.4	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 5000	57.3	76.0	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	57.3	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8
≥ 4000	58.1	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 3500	58.2	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 3000	58.7	80.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 2500	59.5	82.2	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 2200	60.2	84.7	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 2000	60.4	85.1	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 1800	60.6	87.1	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 1600	61.0	88.3	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
≥ 1400	61.2	89.0	90.4	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2
≥ 1200	61.4	89.4	90.9	91.0	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1000	61.4	89.6	91.4	91.7	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1
≥ 900	61.4	90.2	92.2	92.6	93.1	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 800	61.4	90.4	92.6	92.9	93.4	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 700	61.4	90.4	93.2	93.8	94.6	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 600	61.4	90.5	93.4	94.4	95.2	95.3	97.0	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 500	61.4	90.5	93.6	94.8	95.7	95.8	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4
≥ 400	61.4	90.5	93.6	95.2	96.1	96.2	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300	61.4	90.5	93.6	95.2	96.1	96.2	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.6
≥ 200	61.4	90.5	93.6	95.2	96.1	96.2	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET																	
NO CEILING	43.6	57.2	58.0	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
22000	47.6	62.8	63.6	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
18000	47.7	63.0	63.7	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
17000	47.7	63.0	63.7	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
16000	48.8	64.2	65.0	65.3	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
15000	49.3	65.1	65.8	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	
14000	51.6	67.9	68.7	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	
13000	51.8	68.2	69.0	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
12000	53.1	69.9	70.7	71.1	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
11000	53.4	70.4	71.3	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	
10000	54.2	71.5	72.4	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	
9000	55.1	72.8	73.8	74.1	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
8500	55.1	73.0	74.0	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	
8000	55.6	74.0	75.0	75.4	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
7500	56.1	74.8	75.9	76.3	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
7000	56.6	76.5	77.7	78.1	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
6500	57.4	77.9	79.3	79.7	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
6000	58.2	80.2	81.6	82.1	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
5500	58.4	80.7	82.1	82.6	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
5000	59.2	82.8	84.4	84.9	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
4500	60.0	84.8	86.6	87.3	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
4400	60.3	85.8	88.0	88.8	89.3	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
4300	60.5	86.3	88.8	89.6	90.2	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
4200	60.5	86.8	89.7	90.6	91.4	91.4	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	
4100	60.6	87.3	90.5	91.7	92.5	92.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	
4000	60.6	87.5	90.9	92.3	93.3	93.4	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	
3900	60.6	87.6	91.3	93.1	94.5	94.7	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	
3800	60.6	87.7	91.5	93.4	95.0	95.3	96.8	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.8	97.8	
3700	60.6	87.7	91.5	93.5	95.3	95.6	97.2	97.6	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.6	
3600	60.6	87.7	91.5	93.7	95.5	95.8	97.4	98.1	98.2	98.9	99.2	99.2	99.4	99.4	99.4	99.5	
3500	60.6	87.7	91.5	93.7	95.5	95.8	97.4	98.1	98.2	99.0	99.2	99.3	99.5	99.6	99.7	99.7	
0	60.6	87.7	91.5	93.7	95.5	95.8	97.4	98.1	98.2	99.0	99.2	99.3	99.5	99.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 6319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	50.1	68.5	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
	54.4	74.5	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	54.4	74.5	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	54.4	74.5	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	54.7	74.8	74.9	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
	54.7	74.8	74.9	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
	56.2	76.9	77.0	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	77.5
	56.2	76.9	77.0	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	77.5
	56.9	78.0	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	57.4	78.8	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	58.0	79.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
	58.9	81.0	81.1	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	81.6
	58.9	81.1	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
	59.1	81.3	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
	59.1	81.4	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	59.9	82.4	82.5	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	83.1	83.1
	60.2	83.2	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	60.9	84.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
	61.2	86.1	86.4	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	87.0
	61.7	87.2	87.7	88.3	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
	61.7	87.8	88.6	89.2	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	61.8	88.3	89.3	90.0	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	61.8	88.4	89.5	90.3	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	61.8	88.8	89.9	90.8	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	61.9	89.1	90.5	91.5	92.9	92.9	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	61.9	89.3	90.8	91.8	93.8	94.0	94.6	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
	61.9	89.3	91.1	92.3	94.6	95.1	95.9	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	61.9	89.3	91.1	92.5	94.9	95.4	96.2	97.2	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
	61.9	89.3	91.1	92.5	94.9	95.4	96.4	97.4	97.4	97.7	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4
	61.9	89.3	91.1	92.5	95.0	95.5	96.7	97.9	97.9	98.5	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8
	61.9	89.3	91.1	92.5	95.0	95.5	96.7	97.9	97.9	98.5	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9
	61.9	89.3	91.1	92.5	95.0	95.5	96.7	97.9	97.9	98.5	99.0	99.0	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (FT)	VISIBILITY (STATUTE MILES)															
	10	6	5	4	3	2½	2	1½	1	¾	½	¼	0			
NO CEILING	48.5	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
22000	52.1	72.2	72.2	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
20000	52.3	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
18000	52.3	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
16000	53.2	73.8	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
14000	53.4	74.0	74.0	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
12000	55.5	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
10000	55.5	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
9000	55.7	77.0	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
8000	56.1	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
7000	56.8	78.9	78.9	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
6000	57.8	80.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
5000	57.8	80.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
4500	57.8	80.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
4000	58.2	80.9	81.3	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
3500	58.9	81.8	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
3000	58.9	82.2	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
2500	59.1	83.7	84.1	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2000	59.3	84.3	84.8	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1800	59.5	84.6	85.4	86.5	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
1600	59.6	85.9	87.1	88.3	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1400	59.9	86.2	87.8	89.1	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1200	59.9	86.6	88.2	89.5	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
1000	59.9	86.6	88.7	90.1	91.5	91.6	91.8	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1
900	59.9	86.6	88.7	90.1	91.7	91.8	92.2	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7
800	59.9	86.8	88.9	90.6	92.2	92.3	92.9	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5
700	59.9	86.8	89.0	91.1	93.2	93.3	94.3	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6
600	59.9	87.0	89.1	91.5	93.7	93.9	95.0	95.9	95.9	96.1	96.1	96.1	96.8	96.8	96.8	96.8
500	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.6	97.0	97.0	97.7	97.8	97.8	97.8
400	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.7	97.1	97.1	98.7	98.9	98.9	98.9
300	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.7	97.1	97.1	98.9	99.1	99.1	99.1
200	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.7	97.1	97.1	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2	1 1/2	1 1/4	1	7/8	3/4	5/8	1/2	3/8	1/4	1/8	0			
NO CEILING	42.8	59.0	59.5	59.7	59.8	59.8	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 22000	47.2	65.2	65.7	65.9	66.0	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	47.2	65.2	65.7	65.9	66.0	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	47.2	65.2	65.7	65.9	66.0	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	47.8	66.0	66.5	66.7	66.9	66.9	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	48.2	66.6	67.1	67.4	67.5	67.5	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	50.8	69.8	70.3	70.5	70.6	70.6	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	51.1	70.4	70.9	71.1	71.2	71.2	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	51.9	71.5	72.0	72.2	72.3	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	52.5	72.5	72.9	73.2	73.3	73.3	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	53.2	73.1	73.5	73.8	73.9	73.9	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	54.1	74.3	74.8	75.0	75.1	75.1	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	54.1	74.3	74.8	75.0	75.1	75.1	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500	54.1	74.4	74.9	75.1	75.2	75.2	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	54.7	75.4	75.8	76.1	76.2	76.2	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500	55.2	76.2	76.7	76.9	77.1	77.1	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2200	55.3	77.1	77.8	78.0	78.3	78.3	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	55.8	78.9	79.7	80.1	80.7	80.7	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	56.2	79.5	80.3	80.7	81.4	81.4	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1600	56.7	80.8	81.7	82.3	83.0	83.0	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1400	56.9	82.8	83.7	84.3	85.1	85.1	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	57.3	83.9	85.2	85.9	86.8	86.8	87.1	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	57.3	84.3	85.7	86.4	87.3	87.6	88.0	88.1	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	57.3	84.5	86.2	87.3	88.5	88.8	89.2	89.4	89.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	57.4	84.8	86.5	87.6	89.1	89.4	90.4	90.8	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700	57.4	85.1	87.0	88.1	89.6	90.0	91.1	91.6	91.7	92.4	92.6	92.6	92.7	92.7	92.7	92.7
≥ 600	57.4	85.1	87.1	88.5	90.3	90.8	91.9	92.8	93.1	93.7	94.2	94.2	94.4	94.4	94.4	94.4
≥ 500	57.4	85.1	87.1	88.7	90.9	91.4	93.0	93.9	94.3	95.0	95.5	95.5	96.2	96.2	96.2	96.2
≥ 400	57.4	85.1	87.1	88.7	90.9	91.4	93.2	94.3	95.0	96.0	96.7	96.8	97.6	97.6	97.7	97.7
≥ 300	57.4	85.1	87.1	88.8	91.0	91.5	93.4	94.7	95.4	96.8	97.8	98.1	98.8	98.8	99.0	99.0
≥ 200	57.4	85.1	87.1	88.8	91.0	91.5	93.4	94.7	95.5	97.0	98.2	98.5	99.4	99.4	99.6	99.6
0	57.4	85.1	87.1	88.8	91.0	91.5	93.4	94.7	95.5	97.0	98.2	98.5	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

	41.8	53.7	54.2	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4
	46.0	59.8	60.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
	46.0	59.8	60.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
	46.0	59.8	60.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
	46.8	60.8	61.3	61.9	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6
	48.0	62.0	62.5	63.1	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9	63.9	63.9
	50.4	65.8	66.3	66.9	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6
	50.4	66.1	66.5	67.2	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9
	51.3	67.5	68.0	68.6	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4
	51.3	68.5	69.0	69.6	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3
	52.1	69.7	70.2	70.8	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6
	53.1	71.9	72.5	73.1	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9
	53.7	72.2	72.8	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1
	54.5	72.9	73.5	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
	54.7	73.1	73.7	74.4	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1
	54.9	74.2	75.3	75.9	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
	55.3	75.1	76.2	76.8	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7
	57.6	78.0	79.4	80.1	80.6	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
	57.6	78.0	79.4	80.1	80.6	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
	58.9	80.6	82.1	82.8	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9
	59.7	81.9	83.4	84.9	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0
	60.1	82.9	84.6	86.3	87.1	87.4	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0
	60.1	83.0	84.7	86.7	87.4	88.3	88.5	88.6	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0
	60.1	83.0	84.9	87.1	87.9	88.8	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7
	60.1	83.0	84.9	87.1	87.9	88.9	89.5	89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0
	60.1	83.8	85.8	88.5	89.5	90.5	91.1	91.7	91.8	91.9	92.1	92.1	92.1	92.2	92.2	92.2
	60.1	83.9	86.0	88.6	90.2	91.8	93.0	93.9	94.0	94.4	94.9	94.9	94.9	95.0	95.0	95.0
	60.1	83.9	86.1	89.0	91.1	92.8	94.3	95.4	95.7	96.5	97.2	97.2	97.3	97.4	97.6	97.6
	60.1	83.9	86.1	89.0	91.5	93.2	94.7	96.1	96.7	97.7	98.7	98.7	98.8	98.9	99.0	99.3
	60.1	83.9	86.1	89.1	91.6	93.3	95.0	96.3	97.1	98.0	99.0	99.0	99.1	99.3	99.4	99.6
	60.1	83.9	86.1	89.1	91.6	93.3	95.0	96.3	97.1	98.0	99.1	99.1	99.3	99.4	99.5	99.9
	60.1	83.9	86.1	89.1	91.6	93.3	95.0	96.3	97.1	98.0	99.1	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 919

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES																
	2	2½	3	4	5	6	7	8	9	10	12	15	20	25	30	35	40
NO CEILING	44.6	58.2	58.5	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	50.7	65.6	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	50.7	65.6	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	50.7	65.6	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	51.9	67.2	67.5	67.7	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
≥ 12000	52.4	67.7	68.0	68.2	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
≥ 11000	53.7	69.8	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	53.7	69.8	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	54.6	71.5	71.9	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	54.6	71.6	72.0	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
≥ 7000	54.6	72.0	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	56.0	73.7	74.2	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
≥ 5000	56.8	74.7	75.2	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	57.6	76.0	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	58.1	76.5	77.0	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	58.7	77.8	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	59.6	78.9	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	60.6	80.8	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	60.7	81.5	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	62.2	84.3	85.1	85.5	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	62.5	85.3	86.2	87.5	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	62.5	85.9	87.1	88.4	88.7	89.1	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	62.5	86.6	87.9	89.5	89.8	90.2	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	62.5	86.7	88.6	90.3	90.7	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	62.5	87.1	89.1	90.8	91.4	92.1	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	62.5	87.2	89.7	91.4	92.3	93.1	94.3	94.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	62.5	87.2	89.8	91.9	93.2	94.1	95.4	95.5	95.5	96.0	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 500	62.5	87.2	90.0	92.4	94.2	95.0	96.7	96.9	97.1	97.6	98.3	98.3	98.6	98.6	98.8	98.8	98.8
≥ 400	62.5	87.2	90.0	92.4	94.3	95.2	96.8	97.0	97.4	98.1	98.9	99.1	99.5	99.5	99.6	99.6	99.6
≥ 300	62.5	87.2	90.0	92.4	94.3	95.2	96.8	97.0	97.4	98.1	98.9	99.1	99.5	99.5	99.6	99.8	99.8
≥ 200	62.5	87.2	90.0	92.4	94.3	95.2	96.8	97.0	97.4	98.1	98.9	99.1	99.6	99.6	99.8	99.9	99.9
≥ 100	62.6	87.4	90.1	92.6	94.4	95.3	96.9	97.1	97.5	98.3	99.0	99.3	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	2½	2	1½	1¼	1	¾	½	¼	2	1½	1	¾	½	¼	0		
12000	47.6	59.1	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
10000	53.4	68.0	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
9000	53.5	68.2	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
8000	53.5	68.2	68.6	68.6	68.6	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	54.2	69.1	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
6000	55.7	70.6	71.1	71.1	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
5000	56.9	72.4	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
4500	56.9	72.6	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
4000	58.0	74.2	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
3500	58.1	74.3	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
3000	58.4	74.7	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2500	59.1	75.8	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
2000	59.2	75.9	76.6	76.6	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
1800	60.2	77.2	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
1600	60.2	77.7	78.6	78.6	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
1400	60.9	79.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
1200	61.4	80.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
1000	62.2	83.1	84.5	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
900	62.2	83.2	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
800	63.7	85.7	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
700	64.0	87.0	88.5	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
600	64.0	87.4	89.0	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
500	64.0	87.7	89.2	90.4	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
400	64.0	88.0	90.1	91.4	91.8	91.9	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
300	64.0	88.3	90.6	92.0	93.3	93.8	94.2	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
200	64.0	88.6	91.2	93.0	94.4	95.0	95.4	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
150	64.0	89.0	91.6	93.6	95.5	96.1	96.5	97.1	97.2	97.6	97.9	98.3	98.4	98.4	98.4	98.4	98.4
100	64.0	89.0	91.8	93.7	95.6	96.2	96.7	97.3	97.5	98.1	98.3	98.7	98.8	98.8	98.8	98.8	98.8
50	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.0	99.4	99.6	99.6	99.6	99.6	
0	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.0	99.4	99.6	99.6	99.6	99.8	
	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.2	99.5	99.8	99.8	99.8	100.0	
	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.2	99.5	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0		
NO CEILING	48.2	63.0	63.5	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
≥ 20000	53.3	70.4	70.9	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
≥ 8000	53.4	70.6	71.1	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
> 6000	53.4	70.6	71.1	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
≥ 4000	54.5	72.3	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2000	55.3	73.0	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1000	56.5	74.7	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	75.7	75.7
≥ 900	56.5	74.8	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 800	56.9	75.7	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	76.6	76.6
≥ 700	57.5	76.6	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 600	58.3	77.6	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 500	59.4	79.0	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
> 450	59.4	79.3	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 400	59.8	80.2	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 350	59.8	80.2	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
> 300	59.9	81.0	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	82.1	82.1
≥ 250	60.9	83.0	83.7	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 200	61.9	85.8	86.7	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 180	62.6	86.7	87.6	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 150	63.0	87.2	88.1	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 120	63.2	88.1	89.1	89.9	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 100	63.5	88.4	89.6	90.4	90.9	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 90	63.5	88.6	90.1	91.1	92.0	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 80	63.5	88.8	90.4	91.6	92.8	92.8	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 70	63.5	89.1	90.8	92.2	94.3	94.3	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 60	63.5	89.6	91.6	93.0	95.4	95.4	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
> 50	63.5	89.6	91.7	93.7	96.1	96.4	96.9	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 40	63.5	89.6	91.8	94.2	96.6	96.9	97.9	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
> 30	63.5	89.6	91.8	94.2	96.8	97.1	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	63.5	89.6	91.8	94.3	96.9	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
> 10	63.5	89.6	91.8	94.3	96.9	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	63.5	89.6	91.8	94.3	96.9	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VIS (STATUTE MILES)																
	10+	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0		
22000+	50.7	66.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0	
20000	54.4	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	
18000	54.4	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	
17000	54.4	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	
16000	55.3	73.2	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	
15000	55.6	73.7	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	
14000	56.1	75.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	
13000	56.7	75.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	
12000	56.9	76.8	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.5	
11000	57.6	77.8	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5	
10000	57.8	78.1	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.9	
9000	58.3	78.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.5	
8000	58.3	78.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.5	
7000	58.7	79.5	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	
6500	59.2	80.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.1	
6000	59.6	81.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	
5500	60.1	82.1	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	
5000	61.4	84.7	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	
4500	61.6	85.3	86.3	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	
4000	61.7	86.0	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4	
3500	61.8	87.1	88.6	89.4	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	
3000	61.9	87.8	89.2	90.1	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	
2900	61.9	87.9	89.5	90.4	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5	
2800	61.9	88.4	90.2	91.2	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	
2700	61.9	89.5	91.3	92.3	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.6	
2600	61.9	89.5	91.5	93.0	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	
2500	61.9	89.5	92.0	93.8	95.9	96.0	96.4	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.3	
2400	61.9	89.5	92.0	94.1	96.2	96.9	96.8	97.2	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.1	
2300	61.9	89.5	92.0	94.2	96.5	97.0	97.4	97.8	98.0	98.8	98.8	98.8	98.9	98.9	98.9	99.0	
2200	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.8	
2100	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	99.1	99.5	99.5	99.6	99.6	99.9	100.0	
2000-	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	99.1	99.5	99.5	99.6	99.6	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	46.8	61.7	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	51.4	68.4	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 18000	51.5	68.5	68.9	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	51.5	68.5	68.9	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	52.3	69.6	70.1	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 12000	52.9	70.3	70.7	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 11000	54.6	72.6	73.1	73.4	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	54.6	72.8	73.3	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 9000	55.3	74.0	74.5	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	55.6	74.7	75.2	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 7000	56.1	75.5	76.0	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	57.1	76.8	77.4	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	57.3	77.0	77.6	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	57.7	77.7	78.2	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9
≥ 4000	58.3	78.2	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	58.9	79.2	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 3000	59.0	80.2	81.0	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	60.0	82.5	83.3	83.9	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	60.2	83.1	83.9	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 1800	60.9	84.6	85.5	86.2	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1600	61.2	85.7	86.9	87.8	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1400	61.4	86.3	87.7	88.7	89.4	89.5	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	61.4	86.6	88.1	89.3	90.0	90.2	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	61.4	86.8	88.6	90.0	90.9	91.2	91.5	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	61.4	87.2	89.0	90.4	91.9	92.2	92.7	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	61.4	87.5	89.5	91.2	92.8	93.2	93.8	94.1	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 700	61.4	87.5	89.8	91.7	93.6	94.2	95.0	95.7	95.8	96.2	96.4	96.5	96.6	96.6	96.6	96.6
≥ 600	61.4	87.6	89.9	92.0	94.1	94.7	95.8	96.5	96.8	97.2	97.5	97.6	97.8	97.9	97.9	97.9
≥ 500	61.4	87.6	89.9	92.0	94.3	95.0	96.1	96.9	97.2	97.9	98.3	98.4	98.8	98.8	98.8	98.9
≥ 400	61.4	87.6	89.9	92.1	94.4	95.0	96.3	97.1	97.5	98.2	98.8	98.9	99.4	99.4	99.5	99.6
≥ 300	61.4	87.6	89.9	92.1	94.4	95.0	96.3	97.1	97.5	98.3	98.8	99.0	99.5	99.6	99.7	99.8
≥ 200	61.4	87.6	89.9	92.1	94.4	95.1	96.3	97.1	97.5	98.3	98.9	99.0	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6532

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS 73-81 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	41.7	60.2	60.7	61.0	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥20000	45.8	66.5	67.1	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
≥18000	45.8	66.5	67.1	67.5	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥17000	45.8	66.5	67.1	67.5	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥14000	46.7	67.6	68.3	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥12000	47.3	68.4	69.0	69.4	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥10000	49.5	71.6	72.3	72.7	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥9000	49.6	71.8	72.5	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥8000	51.1	74.0	74.7	75.1	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥7000	51.5	74.8	75.5	75.9	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥6000	52.3	76.0	76.8	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥5000	53.7	78.2	79.0	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥4500	53.8	78.6	79.4	79.9	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥4000	54.6	79.8	80.7	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥3500	55.1	80.8	81.7	82.2	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥3000	55.9	82.2	83.2	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥2500	56.5	83.4	84.4	85.0	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥2000	57.3	85.1	86.3	87.0	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥1800	57.4	85.5	86.7	87.4	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥1500	57.9	86.8	88.2	89.0	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥1200	58.3	87.9	89.6	90.5	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥1000	58.5	88.7	90.6	91.7	92.4	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥900	58.6	89.0	91.0	92.2	93.0	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥800	58.6	89.3	91.5	92.8	93.7	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥700	58.6	89.6	91.9	93.5	94.6	94.8	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥600	58.7	89.7	92.3	94.0	95.2	95.5	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥500	58.7	89.9	92.6	94.5	95.9	96.3	96.9	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.7
≥400	58.7	90.0	92.7	94.7	96.3	96.7	97.5	97.9	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5
≥300	58.7	90.0	92.7	94.7	96.5	96.9	97.8	98.2	98.3	98.7	98.9	98.9	99.1	99.1	99.1	99.2
≥200	58.7	90.0	92.7	94.8	96.5	96.9	97.8	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.6	99.6
≥100	58.7	90.0	92.7	94.8	96.5	96.9	97.9	98.3	98.5	98.9	99.2	99.2	99.6	99.7	99.7	99.8
0	58.7	90.0	92.7	94.8	96.5	96.9	97.9	98.3	98.5	98.9	99.2	99.2	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 76336

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

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ ≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ ≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ ≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ ≥ 1800 ≥ 1500																
≥ ≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ ≥ 700 ≥ 600																
≥ ≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

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

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

2

724586	SALINA MAP KS	73-81	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	50.8			11.3						6.7	31.2	4.1	615
	03-05	47.1			10.9						7.7	34.3	4.5	826
	06-08	40.8			13.9						9.0	36.4	4.9	822
	09-11	29.3			13.8						18.2	38.6	5.9	818
	12-14	30.0			15.3						16.4	38.2	5.8	809
	15-17	29.3			18.0						19.5	33.2	5.6	825
	18-20	35.9			17.4						13.7	33.0	5.1	824
	21-23	44.9			13.8						10.5	30.8	4.4	818
TOTALS		38.5			14.3						12.7	34.5	5.0	6558

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

724586 SALINA MAP KS 73-81 FEB

STATION STATION NAME PERIOD

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 NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	50.3			12.5						6.4	30.8	4.0	751
	03-05	51.2			7.9						8.1	32.8	4.2	756
	06-08	40.4			12.9						11.0	35.7	4.9	743
	09-11	29.6			15.9						15.0	39.5	5.8	747
	12-14	27.9			15.4						17.2	39.5	6.0	752
	15-17	28.4			19.7						15.1	36.8	5.6	747
	18-20	34.4			20.6						14.3	30.7	5.0	739
	21-23	46.8			16.1						6.7	30.4	4.1	744
TOTALS		38.6			15.1						11.7	34.5	5.0	5979

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

2

724586	SALINA MAP KS	73-81	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	43.6			13.4						7.5	38.5	4.8	816
	03-05	38.9			12.8						9.4	38.8	5.1	819
	06-08	31.0			13.3						15.1	40.5	5.8	819
	09-11	24.6			12.1						19.4	43.9	6.5	825
	12-14	22.4			18.8						18.4	40.4	6.3	825
	15-17	22.1			18.5						17.6	41.8	6.3	823
	18-20	29.8			19.4						13.6	37.2	5.5	811
	21-23	40.8			13.5						7.8	38.0	4.9	822
TOTALS		31.7			14.9						13.6	39.9	5.7	6560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

724586 SALINA MAP KS 73-81 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	47.2			12.9						10.8	29.0	4.3	796
	03-05	42.6			15.0						10.3	32.1	4.6	787
	06-08	31.4			16.5						19.0	33.1	5.5	783
	09-11	27.6			18.3						18.2	35.9	5.8	786
	12-14	24.1			17.8						22.4	35.7	6.1	793
	15-17	20.9			22.2						21.1	35.9	6.2	781
	18-20	29.4			22.4						19.9	28.3	5.3	782
	21-23	47.1			15.7						11.0	26.2	4.1	794
TOTALS		33.8			17.6						16.6	32.0	5.2	6302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

2

724586 SALINA MAP KS 73-81 MAY
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	41.8			13.0						9.9	35.3	4.8	778
	03-05	37.9			17.7						11.1	33.2	4.9	773
	06-08	22.3			21.2						21.5	35.0	6.1	806
	09-11	21.5			23.7						22.7	32.1	6.0	819
	12-14	18.7			22.7						30.1	28.5	6.2	814
	15-17	18.4			27.3						27.9	26.3	6.0	816
	18-20	25.9			28.6						20.1	25.5	5.2	812
	21-23	40.4			18.3						12.8	28.6	4.6	605
TOTALS		29.4			21.6						19.5	30.6	5.5	6423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

7 4 5 0 6 | SALINA MAP KS | 73-81 | JUN

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	51.4			17.3						13.6	17.8	3.5	701
	03-05	42.6			20.2						14.0	23.2	4.2	723
	06-08	29.4			21.6						22.5	26.4	5.3	795
	09-11	32.1			23.2						24.4	20.3	4.9	788
	12-14	29.6			30.1						27.3	13.1	4.7	788
	15-17	28.1			34.6						26.6	10.7	4.5	793
	18-20	35.7			29.3						22.9	12.2	4.2	796
	21-23	43.9			27.3						13.5	15.2	3.6	761
TOTALS		36.6			25.5						20.6	17.4	4.4	6145

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

2

724586 SALINA MAP KS 73-81 JUL
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 SKY COVER	TOTAL NO. OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	55.1			17.6						10.6	16.7	3.1	720
	03-05	48.0			19.9						14.5	17.6	3.7	754
	06-08	32.7			30.0						20.0	17.4	4.4	811
	09-11	33.8			28.7						23.6	13.9	4.4	811
	12-14	26.6			36.0						26.3	11.1	4.6	820
	15-17	24.6			38.6						27.0	9.9	4.6	822
	18-20	35.6			30.7						22.8	10.9	4.1	810
	21-23	46.2			26.5						14.2	13.2	3.4	790
TOTALS		37.8			28.5						19.9	13.8	4.0	6338

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

4586	SALINA MAP KS	73-81	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	53.2			16.2						12.7	18.0	3.4	773
	03-05	48.4			20.5						9.7	21.4	3.6	790
	06-08	30.6			27.9						22.3	19.1	4.3	815
	09-11	31.9			29.7						20.7	17.7	4.5	818
	12-14	28.3			32.9						23.6	15.2	4.6	815
	15-17	26.6			35.6						25.2	12.6	4.6	817
	18-20	35.7			30.8						20.0	13.5	4.1	809
	21-23	47.0			24.0						13.5	15.5	3.5	807
TOTALS		37.7			27.2						18.5	16.6	4.1	6445

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

2

724566	SALINA MAP KS	73-81	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	56.0			15.5						7.0	21.5	3.2	782
	03-05	58.7			11.9						6.7	22.6	3.2	787
	06-08	39.5			19.1						16.0	25.4	4.6	782
	09-11	37.4			19.9						17.2	25.5	4.7	787
	12-14	32.8			22.9						21.1	23.3	4.9	787
	15-17	29.1			29.2						22.1	19.7	4.8	788
	18-20	39.5			26.7						15.9	17.9	4.0	787
	21-23	52.5			19.1						10.3	18.0	3.3	794
TOTALS		43.2			20.5						14.5	21.7	4.1	6294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

724586	SALINA MAP KS	73-81	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	64.4			8.9						5.5	21.2	2.9	817
	03-05	61.9			6.8						8.2	23.1	3.2	819
	06-08	49.1			13.2						11.6	26.1	4.0	820
	09-11	42.4			17.3						14.1	26.1	4.4	813
	12-14	40.3			18.6						20.1	21.0	4.5	811
	15-17	38.5			23.1						19.3	19.1	4.3	823
	18-20	46.3			22.2						14.2	17.3	3.7	815
	21-23	57.3			15.0						7.8	19.8	3.1	818
TOTALS		50.0			15.6						12.6	21.7	3.8	6536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

2

723586	SALINA MAP KS	73-81	NOV
STATION	STATION NAME	PERIOD	

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NUMBER OF
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	50.3			9.7						9.2	30.9	4.2	797
	03-05	50.8			8.9						8.8	31.5	4.2	797
	06-08	43.7			12.6						10.8	32.9	4.6	787
	09-11	34.6			14.9						16.2	34.3	5.3	794
	12-14	29.0			18.9						19.5	32.6	5.6	783
	15-17	28.5			19.4						19.3	32.9	5.6	779
	18-20	38.5			17.4						12.7	31.4	4.8	787
	21-23	44.0			14.5						9.2	32.3	4.5	793
TOTALS		39.9			14.5						13.2	32.4	4.9	6317

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

7 4586 | SALINA MAP KS | 73-81 | DEC

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	53.0			13.4						7.3	26.3	3.7	821
	03-05	51.6			12.7						8.3	27.4	3.9	820
	06-08	41.0			16.0						12.4	30.7	4.7	825
	09-11	29.1			18.9						16.7	35.2	5.6	820
	12-14	30.0			20.0						17.7	32.3	5.4	810
	15-17	32.5			20.1						18.7	28.7	5.2	827
	18-20	41.4			17.7						14.6	26.3	4.5	807
	21-23	48.9			15.0						8.5	27.6	4.0	809
TOTALS		40.9			16.7						13.0	29.3	4.6	6539

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

2

724566	SALINA MAP KS	73-81	ALL
STATION	STATION NAME	PERIOD	

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 NUMBER OF OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	38.5			14.3						12.7	34.5	5.0	6558
FEB		38.6			15.1						11.7	34.5	5.0	5979
MAR		31.7			14.9						13.6	39.9	5.7	6560
APR		33.8			17.6						16.6	32.0	5.2	6302
MAY		28.4			21.6						19.5	30.6	5.5	6423
JUN		36.6			25.5						20.6	17.4	4.4	6145
JUL		37.8			28.5						19.9	13.8	4.0	6338
AUG		37.7			27.2						18.5	16.6	4.1	6445
SEP		43.2			20.5						14.5	21.7	4.1	6294
OCT		50.0			15.6						12.6	21.7	3.8	6536
NOV		39.9			14.5						13.2	32.4	4.9	6317
DEC		40.9			16.7						13.0	29.3	4.6	6539
TOTALS		38.1			19.3						15.5	27.0	4.7	76436

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

E

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.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
72456 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.2	.5	.2	.1				.1
105						1.4	4.7	4.1	.6				.9
100					.3	7.0	18.1	16.2	3.7	.1			3.7
95					1.3	20.5	41.3	38.2	11.4	.6			9.3
90			.1	.7	7.0	39.5	64.7	60.0	26.8	2.8			16.5
85			.6	5.2	20.0	64.0	84.8	80.5	40.8	10.5	.2		25.2
80		.6	3.0	13.0	38.0	82.1	94.7	91.5	60.7	23.4	.5		33.5
75		1.3	7.5	26.8	56.3	91.1	98.4	96.5	76.8	40.2	3.0		41.1
70	.3	3.7	15.5	43.2	73.6	95.7	99.5	99.0	88.4	57.8	10.1	.4	48.6
65	1.7	9.5	26.0	59.9	85.6	98.5	100.0	99.9	94.3	70.6	21.2	2.6	55.5
60	5.4	16.6	37.3	73.5	93.3	99.6		100.0	97.9	82.7	35.1	8.6	62.3
55	12.5	26.8	49.9	84.9	97.8	100.0			99.2	91.4	50.1	18.3	69.1
50	23.2	37.8	60.8	92.9	99.5				99.9	96.9	64.5	30.9	75.4
45	35.1	47.9	70.9	96.9	100.0				100.0	98.9	78.7	44.1	81.0
40	48.7	60.6	81.6	99.3						99.6	88.1	59.1	86.4
35	63.6	73.0	89.9	99.7						99.9	94.3	74.4	91.2
30	73.4	83.9	95.7	99.9						100.0	97.5	85.0	94.6
25	82.3	91.8	98.3	100.0							99.4	92.9	97.0
20	88.7	96.5	99.1								99.8	96.6	98.4
15	94.1	99.3	99.7								100.0	98.3	99.3
10	98.3	99.8	100.0									100.0	99.8
5	99.6	100.0											100.0
0	100.0												100.0
MEAN	38.3	44.4	53.8	66.8	75.6	86.9	92.3	91.2	81.9	70.7	54.1	42.5	66.5
S.D.	13.913	14.356	14.657	11.246	9.938	8.939	7.625	8.266	10.517	11.215	11.922	12.237	21.903
TOTAL OBS.	1196	1043	1144	1110	1196	1078	1102	1080	1110	1196	1119	1147	13371

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

DAILY TEMPERATURES

13986 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							.1						.0
85							.2						.0
80						.4	2.7	1.8	.1				.4
75					.1	7.5	19.8	15.2	2.2	.1			3.7
70					1.8	22.5	52.1	43.1	12.1	.5			10.6
65				.9	9.2	49.7	81.9	69.6	25.3	3.2			19.6
60			.3	4.3	26.3	75.8	94.8	89.5	45.4	9.5	.3		28.4
55			1.6	12.7	46.8	91.0	98.5	98.3	65.9	20.2	1.3		35.9
[illegible]	.2	.2	4.6	27.4	68.1	98.2	99.9	99.5	81.7	35.8	4.5	.3	43.0
45	.3	.5	10.7	46.1	84.2	99.8	100.0	100.0	94.5	57.3	10.5	1.0	53.1
40	1.0	3.1	22.3	66.8	94.7	100.0			98.8	75.7	22.3	2.7	57.1
35	3.7	11.7	37.2	83.4	99.0				99.9	90.1	40.1	7.2	64.2
33	6.7	17.8	45.4	87.7	99.4				100.0	93.8	49.7	12.4	67.6
30	15.6	28.5	58.0	94.2	99.9					97.1	66.7	24.0	73.6
25	35.5	47.7	76.5	98.8	100.0					99.4	84.5	49.7	82.6
20	51.6	65.8	87.3	99.5						100.0	93.7	68.4	88.8
15	64.6	80.4	93.9	99.9							96.8	81.6	93.1
10	76.1	89.0	97.1	100.0							98.5	90.9	95.9
5	86.3	94.3	98.1								99.1	96.3	97.8
0	92.8	96.7	99.4								99.6	98.0	98.9
-5	96.5	98.8	99.8								100.0	99.6	99.6
-10	99.3	99.6	99.9									100.0	99.9
-15	99.8	99.8	100.0										100.0
-20	100.0	100.0											100.0
MEAN	13.1	22.8	31.3	43.6	53.5	64.1	69.4	67.8	58.3	46.5	32.8	22.9	44.3
S D	11.568	10.555	10.939	9.176	8.320	6.916	5.777	6.342	8.824	9.397	9.452	9.513	19.846
TOTAL OBS.	1146	1043	1144	1110	1146	1078	1102	1080	1110	1146	1119	1147	13371

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

724536 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
≥ 95						.2	.6	.6	.1				.1
≥ 90						2.3	8.1	6.6	.5				1.4
≥ 85					.1	12.2	30.7	25.6	5.9	.1			6.1
≥ 80					2.8	30.5	60.2	51.9	16.9	.6			13.3
≥ 75				1.2	11.9	57.6	84.8	77.4	32.2	3.5			22.0
≥ 70			.8	6.3	31.6	80.9	96.6	92.8	53.6	13.8	.1		38.9
≥ 65		.1	2.8	16.8	51.7	92.7	99.4	98.8	73.5	28.6	1.2		58.4
≥ 60	.1	.4	7.5	34.8	72.2	98.0	100.0	99.8	88.6	46.6	5.0		45.7
≥ 55	.3	2.9	18.0	54.6	88.4	99.8		100.0	96.3	66.6	13.2	.5	53.1
≥ 50	1.2	7.6	29.7	73.0	96.4	100.0			99.0	83.3	27.2	3.3	59.9
≥ 45	6.4	16.7	44.0	87.0	99.4				99.9	93.5	46.5	11.2	67.1
≥ 40	18.7	33.3	61.4	95.5	100.0				100.0	98.2	67.1	26.9	75.3
≥ 35	35.5	49.8	75.9	99.0						99.1	84.2	46.9	82.5
≥ 30	52.9	66.5	86.8	99.8						99.9	93.7	67.6	88.9
≥ 25	64.7	78.0	93.7	99.9						100.0	96.3	80.0	92.7
≥ 20	76.4	87.8	96.8	100.0							98.7	89.7	95.8
≥ 15	83.7	94.0	98.7								99.4	94.7	97.5
≥ 10	91.4	97.4	99.2								99.8	97.9	98.8
≥ 5	96.6	99.3	99.7								100.0	99.7	99.6
≥ 0	98.8	99.8	100.0									100.0	99.9
≥ -5	100.0	100.0											100.0
MEAN	28.4	33.8	42.7	55.4	64.7	75.7	81.0	79.7	70.3	58.8	43.6	32.9	55.6
S.D.	12.068	11.568	11.914	9.272	8.323	7.364	6.151	6.687	8.799	9.296	9.7391	.040	20.473
TOTAL OBS.	1146	1043	1143	1110	1146	1078	1102	1080	1110	1146	1119	1147	1337

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

724566 — STATION
SALINA MAP KS — STATION NAME
42-49, 52-61 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
42										*	77	6[illegible]	
43	62	72	84	90	91	100	104	107	94	85	73	67	1 7
44	67	71	67	77	90	105	103	108	93	82	77	49	1[illegible]
45	58	65	84	82	89	96	102		103	88	78	62	
46	60	74	90	85	90	106	111	112	93	94	67	72	112
47 *	66	66	81	85	87*	99*	101*	109	112	100	61	63	112
48	59*	66	74	89	93	97	96	103	100	84	69	59	1 3
49	53	61	75	85*	89	99	107	100	91	94*	79		
52	65	69	80	87	90	102	107	105	99	91*	80	69	[illegible]
53	65	74	84	92	100	110	107	105	106	93	77	6[illegible]	11[illegible]
54	65	82	74	89	90	105	112	108	105	96	79	60	112
55	61	54	77	90	94	98	105	104	105	86	74	70	1[illegible]
56	73	70	83	90	100	111	107	111	105	95	76	67	111
57	57	66	77	77	83	98	105	105	96	86	76	65	105
58	59	69	58	77	90	99	97	103	96	91	76	64	1[illegible]
59	59	65	78	89	91	100	97	103	103	79	77	65	1[illegible]
60	61	58	77	85	88	105	105	105	95	86	70	60	1[illegible]
61	65	65	79	90	91	103	106	102	103	85	69	63	106
62	61	75	77	86	94	92	100	104	91	87	71	7[illegible]	104
63	67	71	84	85	97	100	103	103	91	96	75	64	1[illegible]
64	60	61	75	87	98	100	107	107	97	85	77	62	107
65	69	63	67	88	88	93	102	104	96	93	78	70	104
66	55	60	85	90	94	99	107	100	94	88	73	65	107
67	64	77	89	86	99	93	100	97	87	89	74	62	100
68	67	66	93	84	90	103	102	103	93	92	68	60	103
69	55	58*	73	78	88	99	107	106	96	89	73	59	107
70	62	75	78	86	92	100	107	106	100	86	71	69	108
71	66	63	80	84	87	102	99	97	99	89	70	61	102
72	63	83	86	89	88	96	107	100	97	89	67	66	107
73	61	62	71	81	91	106	104	104	92	85	73	66	106
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 (OLA)

...L SAL CLIMATOLOGY BRANCH
...-ETAC
AI ...EATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7.4526 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	64	67	82	82	89	105	107	99	99*	86	69	56	107
75	67	56	76	84	91	95	100	102	100	94	85	66	102
76	65	82	86	86	84	100	105	105	102	96	75	70	105
77	54	80	77	84	87	100	106	98	91	85	70	62	106
78	51	48	89	81	90	104	107	106	105	89	81	66	107
79	41	56	79	84	87	100	101	100	97	96	69	68	101
80	64	70	73	88	92				101	93	86	67	
81	73	80	75	91	85	102	102	101	94	80	70	65	102
MEAN	61.3	67.8	78.7	85.2	88.8	100.7	104.1	143.7	97.5	89.1	73.2	63.7	105.6
S.D.	6.217	8.563	6.673	4.577	4.162	4.419	3.779	3.624	5.566	4.985	4.758	4.645	1.146
TOTAL OBS.	1144	1043	1144	1117#	1146	1078	1102	1080	1110	1146	1119	1147	13771

NOTES * (BASED ON LESS THAN FULL MONTHS)

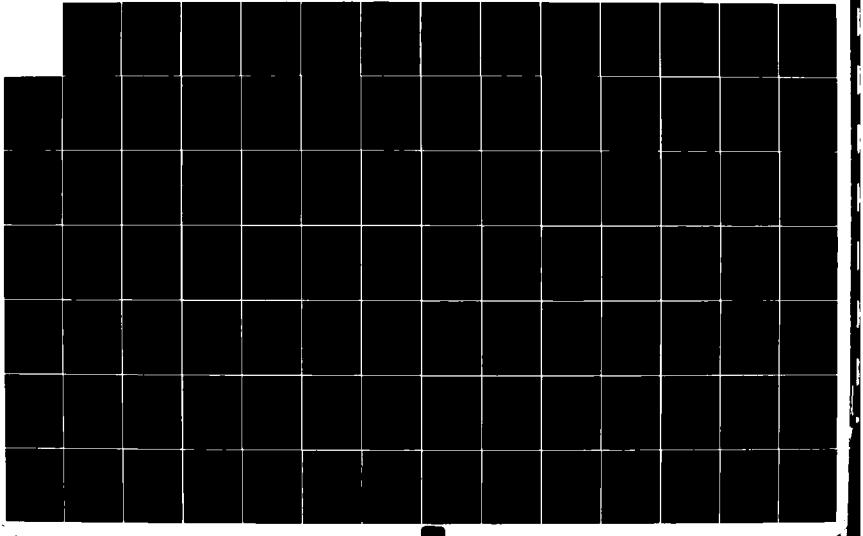
(AT LEAST ONE DAY LESS THAN 24 OBS)

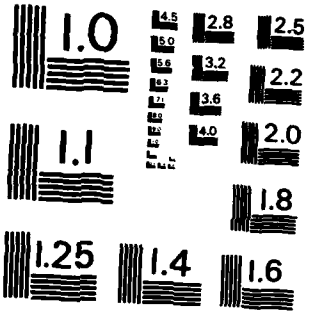
USAF ETAC FORM JUL 84 0-88-5 (OLA)

AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82

UNCLASSIFIED USAFETAC/DS-82/068 SBI-AD-E850 213 F/G 4/2 NL

4/6





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

...AL CLIMATOLOGY BRANCH
...AFETAC
AT ...EATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723546 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 84 0-88-6 (OLA)

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13956 SALINA MAP KS 42-49, 52-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	-14	12	15	31	41	49	60	48	38*	32	20	11	-14
75	3	1	3	13	39	47	51	56	40	24	-2	7	-2
76	-6	10	12	27	29	50	60	53	34	20	-3	-5	-6
77	-9	13	18	31	48	55	55	56	47	29	17	2	-9
78	-7	-6	-3	28	38	50	61	57	46	28	21	7	-7
79	-18	-19	23	26	35	47	60	53	43	31	20	4	-19
80	-4	-7	-4	31	39				38	24	17	5	
81	8	-7	22	37	34	52	63	55	39	26	23	5	-7
MEAN	-3.8	3.9	11.5	26.8	37.6	50.7	57.9	54.9	41.7	29.4	16.3	4.2	-6.6
S.D.	7.357	9.077	9.284	4.827	4.783	3.966	4.623	4.010	4.059	4.365	7.395	7.276	5.494
TOTAL OBS.	1148	1043	1144	1110	1146	1078	1102	1080	1110	1146	1119	1147	13371

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]46 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS 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
[illegible] / 51		.1	.1															2	2		
[illegible] / 49		.1	.2		.1													4	4	2	
49 / 47	.1	.4			.1													5	5	2	3
[illegible] / 45		.1	.1	.1	.1													4	4	5	3
[illegible] / 43	.2	.2																4	4	4	4
[illegible] / 41		1.0		.4	.1													12	12	8	5
41 / 39	.6	1.1	1.1	.7	.1													29	29	10	7
39 / 37	.2	1.7	1.5	.5	.1													33	33	15	9
[illegible] / 35	.2	2.2	1.2															30	30	28	5
33 / 33	.9	4.2	1.6	.1														55	56	51	19
[illegible] / 31	2.0	6.6	1.2															80	80	75	62
[illegible] / 29	1.6	4.7	1.1															60	60	74	53
[illegible] / 27	1.6	4.5	.4															53	53	57	50
[illegible] / 25	.9	4.7	.5	.1														50	50	59	69
[illegible] / 23	.5	3.2	.5															34	34	45	46
23 / 21	1.3	1.7	.6															27	27	31	42
[illegible] / 19	1.6	3.1	.1															39	39	37	58
[illegible] / 17	.7	2.9	.5															34	34	34	34
17 / 15		3.3	.2															29	29	22	22
[illegible] / 13	.7	3.9	.1															39	39	34	21
13 / 11	1.1	1.8																24	24	41	33
[illegible] / 9	.9	4.9	.1															48	48	33	24
[illegible] / 7	.7	2.2																24	24	42	31
[illegible] / 5	.2	1.5																14	14	16	17
[illegible] / 3	.2	1.8																17	17	11	26
[illegible] / 1	.9	1.1																16	17	25	44
[illegible] / -1	1.5	.4																15	15	15	18
[illegible] / -3	1.4	.6																16	16	16	19
[illegible] / -5	.7	.1																7	7	9	23
[illegible] / -7	.4	.1																4	4	5	13
[illegible] / -9	.4																	3	3	3	17
[illegible] / -11	.2																	2	2	2	10
-13 / -13	.1																	1	1	1	11
-15 / -15																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-17																					4
-1 /-19																					5
-2 /-21																					1
-22/-23																					1
TOTAL	21.	56.	4.	11.	3	2.0	.7												816		814
																		814		814	

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.	532980	63176	77.6	12.634	814							
Dry Bulb	538421	18327	22.5	12.474	816	5.5	72.6					93
Wet Bulb	478495	17164	21.1	11.974	814	5.8	78.7					93
Dew Point	376695	13291	16.3	14.015	814	14.5	86.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]36 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN 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
[illegible] / 47		.6																5	5		
[illegible] / 45		.4																3	3	6	3
[illegible]47 / 43		.2		.4														5	5	2	4
[illegible] / 41	.2	1.0	.1	.6														16	16	7	4
[illegible] / 39	.1	.4		.1														5	5	7	6
[illegible] / 37	.2	1.1	.9	.2	.2													22	25	12	8
[illegible] / 35	.4	1.8	1.5	.2														32	32	16	7
[illegible] / 33	1.1	4.4	1.7	.1														60	60	40	14
[illegible] / 31	1.2	6.0	1.9	.1														76	76	70	37
[illegible] / 29	3.0	5.8	.5															77	77	90	69
[illegible] / 27	1.3	3.6	.2															43	43	69	62
[illegible] / 25	1.5	4.9	.4															55	55	50	47
[illegible] / 23	.2	3.2	.2															30	30	38	39
[illegible] / 21	1.2	1.6	.5															27	27	38	36
[illegible] / 19	2.1	4.1	.2															53	54	42	53
[illegible] / 17	1.3	3.3																33	33	36	35
1 / 15	.4	3.5	.1															33	33	28	32
[illegible] / 13	.5	3.5	.1															34	34	30	33
1 / 11	1.6	1.6																26	26	42	27
[illegible] / 9	.9	4.3	.1															43	43	31	29
[illegible] / 7	.6	4.3																40	40	42	27
[illegible] / 5	.2	1.7																16	16	33	19
[illegible] / 3	.5	1.8																19	19	16	27
[illegible] / 1	.4	1.7																17	17	20	48
[illegible] / -1	1.1	.6																13	13	13	26
[illegible] / -3	.6	.6																10	10	13	20
[illegible] / -5	1.0	.5																12	12	13	17
[illegible] / -7	1.1																	9	9	10	11
[illegible] / -9	.4																	3	3	3	14
[illegible] / -11	.2																	2	2	2	13
-1[illegible] / -13	.1																	1	1	1	9
-1[illegible] / -15	.2																	2	2	2	8
-1[illegible] / -17																					10
-1[illegible] / -19																					7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-61 YEARS | JAN MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1/-21																				1
TOTAL	23	266	2	8	5	1	8	2										822	26	822	822

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.	5167987	64357	78.3	12.548	822							
Dry Bulb	570232	17598	21.3	12.324	826	5.9	76.0					93
Wet Bulb	445196	16436	20.0	11.915	822	6.4	82.5					93
Dew Point	353467	12621	15.4	13.946	822	15.4	87.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 (STATION) | SALINA MAP KS (STATION NAME) | 73-81 (YEARS) | JAN (MONTH)

 0600-2800 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] / 47		.4																3	3	2	
[illegible] / 45																				1	3
44 / 43			.2	.2		.1												5	5		
[illegible] / 41	.2	.4		.1	.1													7	7	4	4
4 / 39	.1	1.3	.4	.1														16	16	7	1
3 / 37	.2	1.1	.2	.2														15	16	13	14
[illegible] / 35	.4	1.6	.9	.5														27	27	18	9
34 / 33	1.1	3.4	.7															43	43	32	17
[illegible] / 31	1.7	6.1	.9	.2														73	74	60	35
[illegible] / 29	3.2	4.3	1.1															70	70	78	60
[illegible] / 27	2.1	5.4	.1															62	62	69	56
26 / 25	.7	5.5	.1															52	52	53	39
[illegible] / 23	.6	3.3	.2															34	34	56	37
[illegible] / 21	1.3	4.0	.2															46	47	40	60
[illegible] / 19	1.6	2.8																36	36	40	58
[illegible] / 17	1.3	3.2	.4															37	37	32	37
16 / 15	1.2	3.5	.2															39	39	32	41
[illegible] / 13	.6	4.0	.1															39	39	33	30
12 / 11	1.5	1.5																24	24	47	26
[illegible] / 9	1.3	3.5	.1															38	38	24	20
[illegible] / 7	.6	2.9																29	29	39	30
[illegible] / 5	.4	1.3																14	14	26	19
[illegible] / 3	1.0	2.3																27	27	21	25
/ 1	.5	3.0																29	29	28	40
/ -1	.5	.5																8	8	15	39
[illegible] / -3	.1	.4																4	4	5	18
[illegible] / -5	1.0	.4																11	11	11	18
[illegible] / -7	1.1	.4																12	12	13	11
[illegible] / -9	1.1																	9	9	10	14
[illegible] / -11	.6																	5	5	5	10
-12 / -13	.5																	4	4	4	12
-14 / -15	.1																	1	1	1	7
-16 / -17	.1																	1	1	1	9
-18 / -19																					8

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-21																					10
-22/-23																					1
-24/-25																					1
-26/-29																					2
TOTAL	25.	966.	5	6.0	1.5	.1	.1												823		820
																		820		820	

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.	5201934	64424	78.6	13.092	820							
Dry Bulb	465391	16673	20.3	12.460	823	6.2	79.8					93
Wet Bulb	419489	15647	19.1	12.151	820	7.4	84.3					93
Dew Point	342717	11827	14.4	14.497	820	18.0	87.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55						.1												1	1		
53/ 51			.1		.1		.4											5	5		
51/ 49		.1		.1			.1											3	3		
49/ 47		.1			.1	.1												3	3	2	
47/ 45		.2	.7	.4	.7													17	17	3	2
45/ 43		.5	.7	.7	.1													17	17	5	1
43/ 41		.7	1.1	.7	.1	.5												26	26	13	4
41/ 39	.5	.9	1.8	.9	.4													36	36	23	13
39/ 37	.1	2.5	1.7	1.7														49	49	34	11
37/ 35	.5	1.2	2.8	.5	.1													42	42	47	17
35/ 33	1.0	3.9	2.6	.4														64	64	43	28
33/ 31	1.5	3.7	2.9	.2														68	68	92	55
31/ 29	1.5	2.7	1.8	.1														50	50	71	56
29/ 27	1.1	4.2	1.6															55	55	50	60
27/ 25		3.4	.5															32	32	50	54
25/ 23	.6	.9	.5															16	16	42	38
23/ 21	.5	2.5	.7															30	30	17	52
21/ 19	.6	3.1	.6	.1														36	37	28	48
19/ 17	.4	2.3	.7															28	28	30	36
17/ 15	.5	2.5	.9															31	31	30	21
15/ 13	.2	3.3	.5															33	33	31	28
13/ 11	.7	1.8	.5															25	25	36	22
11/ 9	.1	4.3	.2															36	36	28	22
9/ 7	.2	3.6																31	31	39	24
7/ 5	.2	1.3	.1															14	14	26	14
5/ 3	.6	1.7																19	19	19	29
3/ 1	.4	1.7																17	17	16	37
1/ -1	1.3	.1																9	9	17	35
-1/ -3	.5	.4																7	7	6	16
-3/ -5	.5	.5																8	8	7	24
-5/ -7	.5																	4	4	7	19
-7/ -9	.2																	2	2	2	15
-9/-11	.1																	1	1	1	4
-11/-13																					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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-1 /-15																					1
-1 /-17																					4
-1 /-19																					6
- /-21																					2
-2/-23																					2
TOTAL	14.1	53.7	23.3	5.9	1.7	.7	.5												916		815
																		815		815	

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.	4400823	58651	72.0	14.872	815							
Dry Bulb	632800	20086	24.6	13.030	816	3.5	63.0					93
Wet Bulb	532359	18 25	22.5	12.168	815	4.6	73.6					93
Dew Point	38 68	1* ,8	16.4	14.321	815	16.3	84.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31										
[illegible]/ 71											.1							1	1		
[illegible]/ 69											.1	.1						2	2		
[illegible]/ 63										.1								1	1		
[illegible]/ 61				.1			.1	.1	.1									4	4		
[illegible]/ 59						.1	.2	.2	.2									7	7		
[illegible]/ 57				.1	.1	.2	.4	.1										8	8		
5 / 55				.2	.2	.2	.4	.4										12	12	1	
[illegible]/ 53			.1	.1	.5	.2	.7	.1										15	15		
[illegible]/ 51				.9	.6	.4	.6	.1										21	21	2	
[illegible]/ 49			.7	.5	.7	1.2												26	26	7	1
[illegible]/ 47		.5	.9	1.7	.9	1.4												43	43	12	1
[illegible]/ 45		.1	1.0	1.5	1.4	.5	.2											38	38	37	2
[illegible]/ 43		.1	1.1	1.0	1.9	.5												37	37	25	7
[illegible]/ 41	.4		2.0	2.7	1.1	.2												52	52	43	16
[illegible]/ 39		.6	1.1	1.6	.6													32	32	45	18
[illegible]/ 37		1.0	1.1	1.9	.4													35	35	53	15
[illegible]/ 35		1.5	2.1	.7														35	35	55	35
[illegible]/ 33	.4	2.6	1.1	.7														39	39	59	38
[illegible]/ 31	.5	3.1	2.3	.6														53	53	61	52
[illegible]/ 29	1.7	1.4	1.7															33	33	50	57
[illegible]/ 27	.1	1.1	1.6	.2														25	25	29	74
[illegible]/ 25		1.9	1.2	.1														26	26	34	56
[illegible]/ 23	.2	.7	1.4	.5														23	23	27	42
[illegible]/ 21	.2	1.5	1.1															23	23	26	40
[illegible]/ 19		2.8	1.6															36	36	23	40
[illegible]/ 17	.2	2.6	1.0															31	31	34	30
[illegible]/ 15		2.2	1.0	.1														27	27	35	26
[illegible]/ 13	.1	2.5	.2															23	23	22	28
[illegible]/ 11	.3	2.0	.7															29	29	37	20
[illegible]/ 9	.1	3.6	.5															34	34	33	28
[illegible]/ 7		1.6	.1															14	14	22	26
[illegible]/ 5		1.6																13	13	17	16
[illegible]/ 3	.1	.7																7	7	10	25
[illegible]/ 1		.4																3	3	7	35

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7456 SALINA MAP KS 73-81 JAN
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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ -1		.1																1	1	2	7
/ -3		.1																1	1	2	14
/ -5																					11
/ -7																					6
/ -9																					4
/ -11																					7
/ -13																					4
/ -15																					7
/ -17																					1
/ -19																					7
/ -21																					1
/ -25																					3
/ -27																					1
TAL	4.	336.	325.	815.	4	8.4	5.1	2.7	1.1	.4	.1	.2	.1					810	810	810	810

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3456769	51203	63.2	16.492	810							
Dry Bulb	988532	25748	31.8	14.499	810	.2	46.2	.3				93
Wet Bulb	748976	22516	27.8	12.335	810	.5	54.1					93
Dew Point	467730	16004	19.8	13.686	810	9.6	77.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN 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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]												.2						2	2		
[illegible]												.1						1	1		
[illegible]											.2							2	2		
[illegible]											.1							1	1		
[illegible]								.1	.1									2	2		
[illegible]							.2	.1		.2								5	5		
[illegible]						.1	.2	.2	.4	.2								10	10		
[illegible]						.2	.2	.4										7	7		
[illegible]			.2		.1	.6	.4	.5	.2									17	17		
[illegible]			.1	.2	.5	.2	.7	.2	.1									18	18		
[illegible]			.1	.4	.4	.7	.9	.1										21	21	2	
[illegible]			.4	.4	.6	1.1	.9											27	27	7	1
[illegible]			.7	1.1	1.0	1.1	.5											36	36	14	2
[illegible]		.2	1.1	.5	.7	1.1												30	30	26	
[illegible]			.5	1.5	1.0	.4	.1											28	28	32	3
[illegible]		.5	1.5	1.5	2.1	1.2												55	55	42	9
[illegible]		.4	.7	1.9	.5	.2												31	31	37	18
[illegible]		.2	1.3	1.9	.6													34	34	51	23
3[illegible]	1.5	1.8	1.5															39	39	42	18
[illegible]		1.2	2.1	.7														31	31	64	26
3[illegible]	.2	2.7	1.5	.5	.1													41	41	60	36
[illegible]	1.5	1.7	2.7	.5														52	52	62	72
[illegible]	.5	1.2	1.7	.2														31	31	34	63
[illegible]	.2	1.8	1.3	1.0														36	36	36	60
[illegible]	.4	2.2	.6	.5														30	30	41	53
[illegible]		.9	.4															10	10	27	38
[illegible]	.5	.9	.7															17	17	25	51
[illegible]	.2	3.6	1.7	.1														47	47	16	55
[illegible]	.1	1.8	1.1	.2														27	27	40	36
[illegible]		2.7	.7															28	28	23	24
[illegible]	.1	2.7	.5															27	27	29	18
[illegible]	.5	3.0	.2															31	31	39	20
[illegible]	.1	2.4	.1															22	22	30	28
[illegible]		1.3	.5															12	12	17	23

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 5		.7																6	6	13	22
/ 3		1.0																8	8	8	36
/ 1		.1																1	1	5	24
/ -1																				1	16
- / -3																					9
-- / -5																					10
- / -7																					5
-- / -9																					8
- / -11																					2
-1 / -13																					6
-1 / -15																					3
-1 / -17																					1
-1 / -19																					1
-2 / -21																					3
TOTAL	4.5	34.1	24.3	14.6	7.5	7.0	4.1	1.7	.9	.5	.4	.4						823		823	823

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3436484	51160	62.2	17.656	823							
Dry Bulb	1111552	27628	33.6	14.965	823		43.5	.7	.2			93
Wet Bulb	822627	23973	29.1	12.298	823	.1	50.4					93
Dew Point	499261	17119	20.8	13.198	823	7.2	77.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7245x6 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 9									.1									1	1		
/ 57						.1		.1	.1									3	3		
5 / 55			.2		.1	.1	.1											5	5		
/ 53		.1		.1			.1											3	3		
/ 51			.1	.2	.1	.4	.1											8	8	3	
5 / 49		.1	.2	.4		.2												8	8	1	3
/ 47		.4	.7	.5	.6	.4												21	21	6	
9 / 45		.5	.7	1.1	.5	.1												24	24	11	4
4 / 43	.4	.7	.6	.8	.4	.2												26	26	19	6
/ 41		.5	1.8	1.2	.5													33	33	22	11
4 / 39	.2	1.2	2.1	1.5	.6	.1												47	47	35	13
3 / 37		2.2	1.9	1.1														43	43	42	17
/ 35		3.2	2.5	.8														54	55	45	16
3 / 33	.8	4.1	2.2	.2														61	61	76	37
/ 31	1.9	4.4	2.1	.1														70	70	86	63
/ 29	1.1	2.5	1.7															44	44	62	72
/ 27	.4	3.2	.5	.1														34	34	36	59
/ 25	.6	2.1	1.1															31	31	45	59
/ 23	.7	1.7	.4															23	23	34	38
/ 21	.2	3.3	.8															36	36	26	45
/ 19	.2	2.8	.4															28	28	27	45
/ 17	.1	2.8	.1															25	25	31	27
/ 15	.4	2.2																21	21	31	25
/ 13	.2	3.8	.4															36	36	17	35
/ 11	.1	2.1	.2															20	20	29	22
/ 9	.1	3.4																29	29	36	21
/ 7	.1	4.0																34	34	30	23
/ 5	.2	1.2																12	12	26	15
/ 3	.2	1.8																17	17	15	19
/ 1	.2	1.2																12	12	16	39
/ -1	.7	.1																7	7	8	21
/ -3	.1	.1																2	2	3	25
/ -5	.2	.4																5	5	3	10
/ -7	.1																	1	1	3	15

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

CL[illegible]RAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE [illegible] 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
- / -9																					9
- /-11																					7
-1 /-13																					6
-1-/-15																					7
-1 /-17																					3
- /-19																					1
- /-23																					1
TOTAL	9	755	927	9	8	3	2	8	1	7	4	1	2						825		824
																		824		824	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4451451	59447	72.1	14.059	824							
Dry Bulb	772998	22724	27.5	13.360	824	1.7	54.9					93
Wet Bulb	642123	20698	25.1	12.186	824	1.9	63.7					93
Dew Point	462423	15894	19.3	13.761	824	11.4	80.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55							.1											1	1		
54/ 53		.2		.1														3	3		
52/ 51		.1		.1		.1												3	3	2	
50/ 49		.1	.2			.1												4	4	1	2
48/ 47	.2		.1			.2												5	5	5	4
46/ 45	.1	.1	.1	.5														7	7	3	2
44/ 43	.5	.6	.6	.6	.2													21	21	8	4
42/ 41	.1	1.1	1.2	.6	.1													25	25	12	7
40/ 39	.1	1.3	1.5	.6	.4													32	32	18	8
38/ 37	.5	1.7	1.6	.2														33	33	35	13
36/ 35	.2	2.3	1.5	.7														39	39	40	16
34/ 33	.9	3.8	1.6	.7														57	58	43	35
32/ 31	1.3	5.6	1.3															68	69	69	52
30/ 29	2.6	3.7	.5	.1														56	56	81	65
28/ 27	1.5	6.0	.9															64	64	51	52
26/ 25	.5	4.4	.7															46	46	59	58
24/ 23	.6	2.3	1.0															32	32	51	40
22/ 21	.9	2.3	.5															30	30	31	55
20/ 19	.5	2.7	.4															29	29	28	50
18/ 17		3.2	.2															28	28	27	32
16/ 15	.4	3.3	.1															31	31	29	16
14/ 13	.4	3.2																29	29	27	34
12/ 11	.4	2.8	.1															27	27	29	27
10/ 9	.1	3.8																32	32	32	29
8/ 7	.6	3.4																33	33	34	13
6/ 5	.2	1.9																10	10	25	23
4/ 3	.7	2.0																22	22	19	23
2/ 1	.1	1.6																14	14	14	43
0/ -1	.9	.1																8	8	15	26
-2/ -3	.9	.4																10	10	8	12
-4/ -5	.4	.2																5	5	7	18
-6/ -7	.7																	6	6	7	14
-8/ -9	.4																	3	3	3	12
-10/ -11	.2																	2	2	2	7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 7 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 /-13																					6
-1 /-15																					9
-1 /-17																					7
-1 /-19																					5
-2 /-23																					3
TOTAL	1	3	46	36	14	2	4	4		7		5		1				815	817	815	815

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4882143	62181	76.3	13.020	815							
Dry Bulb	616926	19844	24.3	12.859	817	3.9	66.7					93
Wet Bulb	538160	18433	22.6	12.212	815	4.8	73.9					93
Dew Point	415710	14368	17.6	14.125	815	13.0	82.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
74/ 73												.0							2	2		
72/ 71											.0	.0							2	2		
70/ 69											.0	.0							4	4		
68/ 67											.0								1	1		
66/ 65								.0	.0										2	2		
64/ 63							.0	.0		.0									6	6		
62/ 61				.0		.0	.0	.0	.1	.0									14	14		
60/ 59						.0	.1	.1	.0										15	15		
58/ 57			.0	.0	.0	.1	.1	.1	.0										28	28		
56/ 55			.0	.1	.1	.1	.2	.1	.0										37	37	1	
54/ 53		.0	.0	.1	.1	.1	.2	.0											42	42	2	
52/ 51		.0	.1	.2	.2	.2	.2	.0											66	66	14	1
50/ 49		.1	.3	.3	.2	.3	.1												81	81	25	8
48/ 47	.0	.3	.4	.3	.3	.4													115	115	55	8
46/ 45	.0	.2	.4	.6	.5	.1	.0												121	121	98	22
44/ 43	.1	.4	.6	.7	.6	.3													170	170	105	35
42/ 41	.1	.6	.9	1.0	.3	.1													202	202	146	69
40/ 39	.2	.9	1.2	.9	.3	.0													231	231	196	89
38/ 37	.2	1.6	1.3	.9	.1														269	273	246	105
36/ 35	.2	1.8	1.8	.5	.0														290	291	313	131
34/ 33	.8	3.6	1.6	.4	.0														420	422	404	224
32/ 31	1.5	4.6	1.9	.2															540	542	575	448
30/ 29	1.8	3.3	1.3	.1															421	421	540	493
28/ 27	1.3	3.7	.8	.2															372	372	397	464
26/ 25	.6	3.6	.6	.1															322	322	391	435
24/ 23	.4	2.0	.6	.1															202	202	320	336
22/ 21	.7	2.2	.7																236	237	234	381
20/ 19	.9	3.1	.6	.0															304	336	241	407
18/ 17	.4	2.7	.5	.0															243	243	264	265
16/ 15	.3	2.9	.4	.0															239	239	230	297
14/ 13	.4	3.4	.2																260	260	223	227
12/ 11	.8	2.1	.2																206	206	320	197
10/ 9	.4	3.7	.2																282	282	247	201
8/ 7	.4	2.9	.1																217	217	265	197

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JAN 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				
-/ 5	.2	1.3	.0															99	99	184	145
-/ 3	.4	1.7																136	136	119	210
/ 1	.3	1.4																109	110	131	317
/ -1	.7	.2																61	61	86	208
-/ -3	.4	.3																50	50	53	133
-/ -5	.5	.3																48	48	50	131
-/ -7	.5	.1																36	36	45	94
-/ -9	.3																	20	20	21	97
-/-11	.2																	12	12	12	56
-1/-13	.1																	6	6	6	67
-1/-15	.0																	3	3	3	38
-1/-17	.0																	1	1	1	34
-1/-19																					38
-1/-21																					17
-2/-23																					9
-2/-25																					3
-2/-27																					1
-2/-29																					2
TOTAL	15.0	55.1	16.8	6.7	2.8	1.9	1.0	.4	.2	.1	.1	.1						6543	6556	6543	6543

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.	36030541	474599	72.5	15.665	6543							
Dry Bulb	5626852	168628	25.7	14.026	6556	26.9	502.8	1.0	.2			744
Wet Bulb	4627615	153189	23.4	12.615	6543	31.5	561.5					744
Dew Point	3304868	114512	17.5	14.101	6543	105.5	665.3					744

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7456 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEARS 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. Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 66										.1								1	1	
4/ 63							.1											1	1	
/ 61			.4															3	3	
/ 59						.1												1	1	
5 / 57			.1					.1										2	2	3
5 / 55				.1	.1		.3											4	4	2
4/ 53			.1	.4		.1												5	5	2 1
4/ 51			.3	.1	.1													4	4	1 1
5 / 49			.1	.7	.3	.1												9	9	4
7 / 47			.4	.8	.3													11	11	5 1
9 / 45		.3	.3	.4	.5	.3												13	13	6
4/ 43		.3	.9	.9	.5													20	20	14 5
1 / 41		.5	1.2	1.2	.1													23	23	11 7
4 / 39	.8	.9	2.2	1.1	.4													41	41	10 16
7 / 37	.3	.8	2.4	.7														31	31	30 17
1 / 35	.8	5.3	2.1	.3														64	64	48 17
3 / 33	1.9	3.8	1.6	.1														56	56	88 31
4 / 31	2.2	4.9	1.3	.1														65	65	61 89
7 / 29	.9	3.8	.5															40	40	60 64
1 / 27	1.5	4.8	.9															54	54	53 52
/ 25	.7	5.0	.9															50	50	46 64
2 / 23	1.2	2.9	.1	.1														33	33	53 48
2 / 21	2.0	4.6																50	50	42 47
/ 19	1.6	3.3	.1															36	36	41 49
/ 17	.4	2.6																23	23	26 42
1 / 15	.4	2.1																19	19	26 24
/ 13	.5	1.2																13	13	13 27
1 / 11	.7	1.2																14	14	14 33
/ 9	.1	1.5																12	12	15 21
/ 7		.8																6	6	8 13
/ 5	.3	.1																3	3	7 4
4/ 3	1.1	.1																9	9	9 11
/ 1	1.2	1.6																21	21	17 17
/ -1	.5																	4	4	8 10

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 0000-2200
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				
- / -3	.1	.1																2	2	1	1
-4/ -5	1.1	.1																9	9	9	5
-6/ -7	.1																	1	1	2	3
-8/ -9																					1
-1 /-11																					4
-1 /-13																					2
-14/-15	.4																	3	3	3	1
-1 /-17																					3
-1 /-19																					5
TOTAL	2.6	2.5	1.6	1.0	2.4	.7	.4	.1		.1									756		756
																		756		756	

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.	4701517	58773	77.7	13.242	756							
Dry Bulb	716539	21227	28.1	12.635	756	2.1	51.9	.1				84
Wet Bulb	613759	19729	26.1	11.445	756	2.6	57.1					84
Dew Point	466429	16357	21.6	12.208	756	5.9	73.1					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 69									.1	.3								3	3		
/ 59			.3															2	2	.	
6 / 57		.1																1	1		
5 / 55							.1											1	1	3	
4 / 53																				3	3
2 / 51				.4		.3												5	5		
0 / 49		.5	.1	.1														6	6	1	
/ 47			.7	.4		.1												9	9	4	1
4 / 45		.3	.5	.4	.1													10	10	6	3
4 / 43		.3	.3	1.3	.3	.3												18	18	7	1
2 / 41		.8	.7	.7	.4	.1												20	20	11	7
4 / 39	.1	1.3	1.3	.9														28	28	14	12
3 / 37	.7	.7	1.9	.7														29	29	32	15
/ 35	1.1	3.1	2.5	.3														52	52	42	18
3 / 33	2.3	3.7	1.5	.1														57	57	65	36
2 / 31	2.6	6.6	1.2	.1														80	81	74	59
/ 29	2.1	4.5	.4															52	52	73	58
/ 27	1.1	3.8	1.6															49	49	46	60
/ 25	.9	4.9	.1															45	45	57	69
/ 23	.8	3.6	.1															34	34	46	39
2 / 21	1.9	4.6																49	49	46	45
/ 19	1.9	3.7																42	42	42	49
1 / 17	.9	2.4	.3															27	27	33	50
/ 15	.5	2.6	.1															25	25	26	42
/ 13	1.3	1.3																20	20	26	23
1 / 11	.1	.8																7	7	10	28
1 / 9	.1	1.5																12	12	10	30
/ 7	.3	.9																9	9	12	8
/ 5	.1	.4																4	4	7	7
/ 3	.7	.1																6	6	6	6
/ 1	.8	.9																13	13	10	14
/ -1	1.3	.3																12	12	14	16
-2 / -3	.9	.3																9	9	9	6
-4 / -5	1.2	.3																11	11	10	15

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 2 0300-2500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-- / -7	.4																	3	3	5	5
-- / -9	.3																	2	2	2	7
- / -11																					8
-1 / -13																					2
-1 / -15	.1																	1	1	1	4
-1 / -17	.3																	2	2	2	1
-2 / -19																					3
- / -21																					5
TOTAL	24.6	54.3	13.5	5.4	.8	.8	.1		.1	.3									756		755
																		755		755	

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.	4838951	59659	7 .0	12.865	755							
Dry Bulb	649237	19965	26.4	12.711	756	4.4	57.2	.3				84
Wet Bulb	563721	18645	24.7	11.703	755	4.8	63.1					84
Dew Point	436995	15433	20.4	12.696	755	8.0	73.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724556 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 0600-1800
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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									1	1			
[illegible] / 67									.1									1	1			
[illegible] / 65								.1										1	1			
[illegible] / 57		.1																1	1			
5 / 55		.1																1	1	2	1	
[illegible] / 53		.3																2	2	2	1	
[illegible] / 51		.3	.1															3	3	4	1	
5 / 49		.3																2	2	1	3	
[illegible] / 47		.1	.1	.1	.1													4	4	3		
[illegible] / 45			.5	.4	.1													8	8	2	2	
[illegible] / 43	.1	.7	.5	.5	.1													15	15	2	3	
[illegible] / 41	.1	.7	1.1	.5	.4	.1												22	22	13	2	
[illegible] / 39	.7	.5	1.1	.4	.3													22	22	17	16	
3 / 37	.3	1.2	1.9	.8														30	30	19	13	
[illegible] / 35	.7	1.5	1.5															27	27	34	8	
[illegible] / 33	3.5	3.8	2.0															69	69	59	39	
[illegible] / 31	3.1	5.3	1.8															75	75	73	56	
[illegible] / 29	1.6	3.6	.7															44	44	60	52	
[illegible] / 27	1.8	4.9	.7															54	54	63	49	
[illegible] / 25	1.6	6.2	.5															62	62	43	62	
[illegible] / 23	.7	3.8	.3															35	35	63	55	
[illegible] / 21	2.4	3.2																42	42	48	35	
[illegible] / 19	1.1	4.3																38	39	30	57	
[illegible] / 17	.9	2.0																22	22	35	43	
[illegible] / 15	1.5	3.4	.1															37	37	27	31	
[illegible] / 13	.5	3.1	.1															28	28	25	36	
1 / 11	.4	1.1																11	11	25	31	
[illegible] / 9	.4	1.1																11	11	12	22	
[illegible] / 7	.3	.7																7	7	10	20	
[illegible] / 5		.4																3	3	5	9	
[illegible] / 3	.3	.4																5	5	3	11	
[illegible] / 1	.7	.9																12	12	14	8	
[illegible] / -1	1.8																	13	13	14	9	
[illegible] / -3	1.1	.1																9	9	8	6	

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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 2 | 2600-2800 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	1.9																	14	14	15	11
- / -7	.5																	4	4	4	11
- / -9	.3																	2	2	2	17
- / -11	.4																	3	3	3	6
-1 / -13																					3
-1 / -15																					5
- / -17	.1																	1	1	1	4
- / -19	.1																	1	1	1	1
- / -21																					2
-2 / -23																					1
- / -71																					1
TOTAL	2.8	53.8	12.9	7.8	1.1	.1		.1	.3										743		742
																		742		742	

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.	4572492	59422	80.1	12.391	742							
Dry Bulb	591279	18727	25.2	12.679	743	5.3	60.4	.2				84
Wet Bulb	522382	17614	23.7	11.890	742	5.4	66.1					84
Dew Point	414955	14599	19.7	13.128	742	9.6	73.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 65								.4	.1									4	4		
4/ 63				.1				.1										2	2		
/ 61		.1						.1										2	2		
/ 59		.1				.1	.1	.1										4	4		
/ 57							.2	.1										3	3		2
5 / 55			.3		.2	.7	.3		.1									12	12		1
4/ 53		.1		.1	.3	.5	.5	.3										14	14		
/ 51		.1		.8	.7	.5	.3	.1										19	19	6	
5 / 49			.3	.5	1.2	.5	.1											20	20	6	3
/ 47		.1	.3	.7	.8	.5		.1										19	19	5	2
6 / 45	.1	.3	.5	1.3	1.3	.1	.1											29	29	23	1
4/ 43	.1	.1	1.5	.8	.7													24	24	23	2
2/ 41	.3		1.2	.8	.5	.1												22	22	27	9
4 / 39	.1	.4	1.9	1.5	.4													32	32	41	13
7 / 37	.7	2.8	2.3	1.3														53	53	39	17
/ 35	1.2	3.7	2.2	.4														50	50	72	38
3 / 33	1.1	3.5	2.2	.3														52	52	51	59
/ 31	2.2	3.8	1.3															54	54	75	59
2 / 29	1.3	3.4	1.5															46	46	62	62
/ 27	.8	2.2	1.2															31	31	39	66
/ 25	.7	2.8	.3															28	28	32	55
/ 23	.3	2.4	.4	.1														24	24	35	44
2/ 21	.3	2.7	2.0															37	37	24	42
/ 19	.9	2.4	.5	.1														32	32	38	34
/ 17	.5	2.7	.5															28	28	24	25
/ 15	.5	2.0																19	19	25	29
/ 13	.4	1.7	.3															18	18	23	23
1 / 11	.1	1.1																9	9	12	19
/ 9		1.6	.1															13	13	14	30
/ 7	.3	1.7																15	15	13	14
/ 5		.4																3	3	12	9
/ 3	.5	.5																8	8	10	14
/ 1	.9	.7																12	12	10	18
/ -1	.5	.1																5	5	6	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4546 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
- / -2	.3	.1																3	3	4	12
- / -5																					8
- / -7																					6
- / -9																					3
- / -11																					5
-1 / -13																					2
-1 / -15																					1
-1 / -17																					1
- / -19																					1
TOTAL	14.3	43.1	20.7	9.3	6.2	3.2	1.7	1.5	.3									744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3992491	53051	71.3	16.799	744							
Dry Bulb	863661	23233	31.2	13.487	744	.9	43.2					54
Wet Bulb	692357	20987	28.2	11.621	744	1.1	50.6					64
Dew Point	482254	16534	22.2	12.431	744	6.2	67.4					84

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 FEB
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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 75													.3					2			
74/ 75											.3	.1						3.	3.		
/ 71										.1		.1						2			
/ 69						.1		.1		.3	.4							7.	7.		
/ 67					.1	.1		.3	.5		.3							10	10		
6/ 65							.5	.8	.7	.7								22.	22.		
4/ 63				.1		.1	.1	.4	.5	.5								14	14		
/ 61						.3	.5	.9	.4		.1							17.	17.		
/ 59				.4	.3	.4	.7	1.7	.5	.1								31	31	3	
/ 57				.1	.1	.5	1.2	.8	.3	.1								24.	24.	1.	
5/ 55			.1	.4	.5	.9	.4	.4	.3									23	23	4	2
4/ 53				.3	.7	.4	.8	.5										20.	20.	11.	1
/ 51			.1	.1	.3	1.2	.7											16	18	22	1
5/ 49		.1		.1	.7	1.1												15.	15.	24.	
/ 47				.5	.9	.9												18	18	46	9
4/ 45	.2	.1	.5	.4	1.5	.4												23.	23.	34.	5
44/ 43			.8	1.1	1.1													22	22	24	8
2/ 41		.4	1.6	.9	1.7	.1												36.	36.	25.	7
4/ 39	.1	1.1	1.7	1.9	.7													41	41	41	19
3/ 37	.4	1.7	1.7	1.5	.1													41.	41.	48.	33
3/ 35	.7	3.2	1.7	.4	.1													46	46	62	38
34/ 33	.2	2.8	1.6	.1														36.	36.	55.	50
/ 31	1.3	1.3	2.4	.5														42	42	56	80
/ 29	1.6	1.2	1.9	.3														37.	37.	38.	53
2/ 27	.4	1.3	1.2	.1														23	23	31	54
2/ 25	.7	2.3	1.2	.1														30.	30.	32.	64
/ 23	.4	1.6	2.3															32	32	34	51
6/ 21	.3	1.3	1.3															22.	22.	27.	48
/ 19	1.3	1.2	1.2	.1														29	29	33	41
/ 17	.7	1.9	.9															26.	26.	22.	34
1/ 15		1.3	.4															13	13	24	26
1/ 13	.1	.3																3.	3.	12.	16
1/ 11	.3	1.2	.1															12	12	7	22
/ 9		.4																3	3	11	22

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 45 6 STATION | SALINA MAP KS STATION NAME | 73-61 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
/ 7	.1	.7																5	6	5	17
/ 5	.1	.1																2	2	4	9
/ 3		.1																1	1	1	9
/ 1		.1																1	1	2	15
/ -1																					6
/ -3																					7
/ -5																					4
/ -7																					1
/ -9																					1
/ -15																					1
/ -19																					1
TOTAL	.925	.622	.9	.9	.6	.8	.8	.6	.7	.4	.9	.6	.0	.3	.2	.1	.9	.1	.1	.3	.3		751		751
																		751		751	

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.	3132374	46304	61.7	20.894	751							
Dry Bulb	1299877	29034	38.7	15.385	751		31.5	2.7	.6			84
Wet Bulb	925077	24914	33.2	11.464	751		37.9					84
Dew Point	550421	18581	24.7	10.997	751	2.1	64.6					84

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

...SAL CLIMATOLOGY BRANCH
...FETAC
AT... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...4586 STATION | >ALINA MAP KS STATION NAME | 70-81 YEARS | FEB MONTH

PAGE 1 | 15...3-17... 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					?	?		
/79												.3				.1		1	1		
7/77											.1		.1	.?				6	6		
6/75										.1	.3							1	1		
6/73							.?	.1			.7	.1	.3					11	11		
/71								.1	.?	.1	.3	.5	.1					15	15		
7/69								.4	.1	.1	.3	.1						8	8		
/67						.3		.1	.7	.7	.3							15	15		
6/65						.1	.1	.4	.4	.8	.7							19	19		
6/63						.1	.5	.5	.9	.5	.3							22	22		
/61					.1	.1	.4	1.2	.7	.1	.3							22	22	3	
/59					.1	.1	.4	.7	1.5	.3								23	23	3	
/57				.1	.1	.4	.9	.7	.3									19	19	6	
5/55				.3	.5	.7	.9	.7	.1									24	24	12	1
6/53		.4		.1	.?	.7	.4	.3	.1									19	19	12	1
/51				.1	.4	.4	.3	.3										11	11	27	2
6/49			.1	.9	.4	1.1	.3	.1										22	22	37	5
/47			.3	.3	.8	.7	.3											17	17	36	2
6/45		.1	.1	.7	1.1	.4	.1											19	19	4...	6
4/43			.9	.8	.7	.3	.1											21	.1	35	8
2/41		.9	2.4	.7	1.2	.1	.3											42	42	28	14
4/39	.1	.1	1.9	.9	.7													28	28	42	22
2/37		2.5	1.2	1.1														36	36	43	2?
2/35		4.3	1.9	1.2														55	55	50	42
3?/33	.7	2.7	1.1	.4	.1													37	37	65	57
4/31	.7	1.6	2.3	.9	.1													42	42	45	78
2/29	.8	2.1	.4	.3														27	27	44	54
2/27	.4	2.9	1.2															34	34	39	50
/25	.7	2.5	1.3	.1														35	35	31	47
2?/23		1.2	1.5															20	20	32	51
4/21	.5	1.2	1.6															25	25	30	54
/19	.3	1.6	.7															19	19	19	47
1/17	.8	1.9																20	20	25	42
1?/15	.1	.7																6	6	16	30

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7746 86 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | FEB 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	Dew Point
/ 12	.1	.9																3	8	4	14
1 / 11																				7	19
/ 9		.8																6	6	2	23
/ 7		.4																3	3	4	21
/ 5		.4																3	3	4	13
/ 3																				2	2
/ 1																					4
/ -1																					2
- / -3																					1
- / -5																					2
- / -7																					1
- / -9																					2
/ -11																					1
1 / -13																					1
TOTAL	.1	1.3	1.8	1.4	1.1	.8	.8	.8	.8	.4	.4	.2	.1					747	747	747	747

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.	2944679	43777	58.6	22.545	747							
Dry Bulb	1486936	31972	41.5	16.487	747		27.9	7.1	2.8	.3		84
Wet Bulb	1307236	26056	34.9	11.484	747		34.4					84
Dew Point	562546	18982	25.4	10.368	747	1.1	62.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 STATION | ALI'NA MAP KS STATION NAME | 73-81 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
-/ 77											.1	.1	.1					3	3		
-/ 71						.1												1	1		
-/ 69								.1										1	1		
-/ 67					.1		.4			.3	.1							7	7		
-/ 65				.1		.1	.2		.1	.4								8	8		
-/ 63					.1		.1	.1	.5	.1								9	9		
-/ 61						.3	.5	.1	.3	.3								11	11	1	
-/ 59					.1	.4	.7	.3	.1									12	12	2	
-/ 57					.3	.4	.7	.5	.1	.1								16	16	2	
5/ 55				.1	.4	.4	.8	.4										16	16	5	2
-/ 53		.1	.3	.7	.4	.5	1.5	.1										27	27	4	1
-/ 51			.1	.4	.5	.4	.1											12	12	7	2
-/ 49		.1		1.2	1.2	.7	.5											28	28	21	1
-/ 47		.4	.4	.8	.9	.3												21	21	26	3
-/ 45		.1	.8	1.1	1.4	.1	.1											27	27	28	7
4/ 43		.3	.8	1.4	1.1	.4												29	29	34	12
-/ 41		1.1	.9	.8	.3													23	24	39	17
4/ 39		1.2	2.2	.5	.5													33	33	41	23
-/ 37	.3	1.2	2.7	.7	.1													32	32	43	25
-/ 35	.4	4.5	2.4	.5														58	58	49	23
3/ 33	1.5	3.1	2.7	.3														51	51	72	63
-/ 31	1.6	4.5	2.2	.4														63	63	53	66
-/ 29	.7	2.7	.9	.1														33	33	54	63
-/ 27	.7	1.8	.7	.3														25	25	43	43
-/ 25	.8	2.3	.8															29	29	32	52
-/ 23	.3	2.4	.1	.1														22	22	36	46
2/ 21	.3	2.8	.8															29	29	22	31
-/ 19	1.2	2.6	.5															32	32	32	40
-/ 17	1.1	1.9																22	22	32	31
1/ 15	.3	1.2																11	11	15	34
-/ 13	.3	1.4																12	12	10	21
1/ 11	.5	1.4																14	14	13	18
-/ 9		.7																5	5	13	21
-/ 7	.1	.3																7	7	6	17

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7245-6 SALINA MAP KS 73-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 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
/		.5																4	4	6	7
/ 5	.1	.7																5	6	5	12
/ 1		.1																1	1	2	7
/ -1																				1	6
/ -3																					5
/ -5																					2
/ -7																					2
/ -9																					1
/ -15																					1
/ -17																					1
/ -19																					1
TOTAL	.1	.139	.918	.2	9.6	7.7	4.2	5.8	1.6	1.2	1.2	.3	.1	.1				740	741	740	740

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.	3732310	50632	69.4	19.043	740							
Dry Bulb	1101001	26517	35.8	14.336	741		35.7	1.4	.3			84
Wet Bulb	835755	23427	31.7	11.284	740	.1	41.5					84
Dew Point	554322	18548	25.1	11.000	740	2.2	64.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | FEB 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67							.1	.1										2	2		
6/ 65				.1														1	1		
4/ 63				.3			.3											4	4		
/ 61						.1	.1	.1		.1								4	4		
/ 59						.1	.1		.1									3	3	3	
/ 57		.1			.1		.1	.1										4	4		
5 / 55		.1	.1		.5	.3		.1										9	9	2	3
4/ 53				.4	.5	.3	.1											10	10	4	1
7/ 51			.5	.3	.1	.4	.1											11	11	3	2
2/ 49			.3	.1	.5	.5	.1											12	12	6	
/ 47			.4	.3	.5	.4												12	12	13	
4/ 45		.1	1.2	1.5	1.2													30	30	11	4
4/ 43		.1	1.3	1.3	.8	.4	.1											31	31	10	9
4/ 41		1.1	.9	.9	.4	.1												26	26	28	9
4/ 39	.5	.9	1.6	.7														28	28	40	27
3/ 37		2.1	2.4	.5	.3													40	40	34	13
36/ 35	.3	5.2	2.3	.1														57	57	50	24
31/ 33	1.5	4.3	2.2	.3														60	60	83	32
32/ 31	2.3	4.6	.9	.1														59	60	62	99
/ 29	1.2	5.1	1.5															58	58	64	67
/ 27	.8	2.9	.9															35	35	52	56
2/ 25	.9	2.8	.5															32	32	41	64
/ 23	.5	1.9	.8															24	24	26	39
2/ 21	1.2	3.4	.5															38	38	42	46
/ 19	.9	3.9	.1															37	37	31	31
1/ 17	.7	2.4																23	23	33	29
1/ 15	.7	1.2																14	14	19	37
1/ 13	.7	1.6																17	17	12	29
1 / 11	.5	1.1																12	12	17	34
/ 9	.4	1.6																15	15	16	15
/ 7	.1	.5																5	6	9	8
/ 5	.3	.7																7	7	8	12
/ 3	.8	.7																11	11	11	8
/ 1	.5	.8																12	10	12	25

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536	SALINA MAP KS	73-81	FEB
STATION	STATION NAME	YEARS	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
/ -1	.3	.3																4	4	3	8
- / -3		.1																1	1	3	5
- / -5																					5
- / -7																					4
- / -9																					3
- / -11																					2
-1 / -13																					2
- / -15																					1
- / -17																					1
- / -19																					1
TOTAL	15.	14	9.	7.	2.	7.	0	5.1	2.7	1.3	.5	.1	.1						748		746
																		746		746	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4373658	55970	75.0	15.300	746							
Dry Bulb	833079	23935	32.8	12.865	748	.6	45.4	.2				84
Wet Bulb	686996	21053	28.2	11.147	746	.7	51.7					84
Dew Point	503160	17322	23.2	11.640	746	3.4	70.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 FEB
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
/ -1												.0	.0					2	2		
/ 79												.0			.2			1	1		
7 / 77											.0		.0	.1				6	6		
5 / 75										.2	.0		.2					5	5		
4 / 73							.0	.0			.1	.1	.1					17	17		
/ 71						.2		.2	.1	.2	.0	.1	.0					18	18		
/ 69						.0		.1	.1	.1	.1	.0						21	21		
/ 67					.0	.1	.1	.1	.2	.1	.1							35	35		
6 / 65				.0		.0	.1	.2	.2	.2	.1							53	53		
4 / 63				.1	.2	.2	.2	.2	.3	.2	.0							52	52		
/ 61		.3	.1		.0	.1	.2	.3	.2	.1	.1							59	59	4	
/ 59		.2	.2	.1	.1	.2	.2	.4	.3	.1								76	76	13	
/ 57		.1	.1	.0	.1	.2	.4	.3	.1	.0								70	70	15	2
5 / 55		.1	.1	.1	.3	.4	.4	.2	.1									90	90	28	12
4 / 53		.1	.1	.3	.3	.3	.4	.2	.0									97	97	40	9
2 / 51		.1	.2	.3	.3	.4	.2	.1										83	83	20	9
/ 49		.1	.1	.5	.5	.5	.1	.0										114	114	100	12
/ 47		.1	.3	.5	.6	.4	.2	.0										111	111	138	16
/ 45	.1	.2	.6	.8	.9	.2	.1											159	159	150	28
4 / 43	.2	.2	.9	1.0	.7	.2	.2											180	180	149	48
2 / 41	.1	.7	1.3	.8	.6	.1	.0											214	215	192	65
1 / 39	.3	.8	1.7	1.2	.4													253	253	266	143
3 / 37	.3	1.6	2.0	.9	.1													292	292	288	161
3 / 35	.6	3.7	2.0	.4	.0													409	409	407	208
3 / 33	1.6	3.5	1.7	.2	.0													418	418	538	367
2 / 31	2.1	4.1	1.7	.3	.1													480	482	499	606
1 / 29	1.8	3.3	1.0	.1														337	337	445	493
2 / 27	.9	3.1	1.1	.1														305	305	363	430
2 / 25	.9	3.6	.7	.1														311	311	314	477
2 / 23	.5	2.5	.7	.1														224	224	319	373
2 / 21	1.1	3.0	.8															292	292	281	348
/ 19	1.2	2.8	.4	.0														263	264	266	348
1 / 17	.8	2.2	.2															191	191	230	296
1 / 15	.5	1.8	.1															144	144	180	252

Element (X)	ΣX^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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SALINA MAP KS 73-81 FEB
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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 13	.5	1.4	.1															119	119	125	105
1 / 11	.3	1.2	.2															79	79	105	234
/ 9	.1	1.1	.2															77	77	93	184
/ 7	.2	.8																58	59	67	116
/ 5	.1	.4																29	29	53	88
/ 3	.4	.3																46	46	47	73
/ 1	.5	.7																72	72	65	108
/ -1	.5	.1																38	38	46	71
- / -3	.3	.1																24	24	25	50
- / -5	.5	.1																34	34	34	51
- / -7	.1																	8	8	11	33
- / -9	.1																	4	4	4	44
- /-11	.1																	3	3	3	26
-1 /-13																					11
-1 /-15	.1																	4	4	4	16
- /-17	.1																	3	3	3	11
- /-19	.																	1	1	1	13
- /-21																					6
- 2/-23																					1
- /-71																					1
TOTAL	1[illegible]	43.	6	17.7	7.4	4.9	3.0	2.5	2.0	1.4	.8	.6	.2	.1	.1	.0		5981		5986	5981

5981 5981

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.	32633472	427588	71.5	18.604	5981							
Dry Bulb	7538532	19271[illegible]	32.2	14.932	5986	13.4	353.4	12.0	3.7	.3		672
Wet Bulb	5347776	17243[illegible]	28.8	12.108	5981	14.7	402.6					672
Dew Point	3971082	136356	22.8	12.009	5981	37.5	550.4					672

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

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

PSYCHROMETRIC SUMMARY

72...6 SALINA MAP KS 71-81 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 0000-2240 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															
/ 69			.4																									3	3			
6/ 65			.1					.1																				2.	2.	3.		
4/ 61		.2					.1	.1																				4	4			2
/ 61		.2		.6	.4	.1	.4																					14.	14.	3.		7
/ 59		.2	.5	.2	.1																							9	9	3		4
/ 57		1.2	.4	.6		.4																						19.	19.	6.		
5 / 55	.1	.6	.5		.2	.2	.1	.2																				17	17	16		8
4/ 53		.5	.1	.7	.5	.5	.1	.1																				21.	21.	15.		14
/ 51		1.1	1.2	1.1	.2	.4	.5																					34	34	14		7
5 / 49	.1	2.1	1.1	.6	1.2	.4																						42.	42.	18.		12
/ 47	.4	3.1	.5	.6	.7	.1																						44	44	48		26
1 / 45	.2	2.1	.9	1.2	.6																							39.	39.	46.		39
4/ 43	.5	2.7	1.2	1.5																								48	49	41		25
2/ 41	.6	3.6	1.2	1.1	.1																							53.	53.	55.		45
/ 39	1.	3.8	1.9	.5	.2																							67	60	54		43
1 / 37	.9	3.7	1.9	1.4	.1																							64.	65.	68.		46
/ 35	1.1	5.3	1.2	.7																								65	65	64		64
3 / 33	.2	4.3	2.1																									51.	51.	56.		42
2/ 31	1.9	5.2	2.1	.1																								75	75	65		96
1 / 29	.6	1.4	1.7	.1																								31.	31.	66.		54
1 / 27	.4	3.1	.6	.1																								34	34	71		54
1 / 25	.7	1.1	.5																									19.	19.	41.		54
1 / 23		.6	.1																									6	6	14		35
2/ 21	.7	1.1																										15.	15.	12.		31
/ 19	.6	.4																										8	8	19		27
/ 17	.2	.4	.1																									6.	6.	5.		18
1 / 15		.7																										5	6	1		19
1 / 13		.6																										5.	5.	7.		7
1 / 11	.1	.1																										2	2	5		7
/ 9		.4																										3	3	4.		3
/ 7		.1																										1	1	1		2
/ 5																																1
/ 3																																4
/ 1	.2	.4																										5	5	3		5

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] SALINA MAP KS 73-81 MAR
STATION STATION NAME YEARS MONTH

PAGE [redacted] 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
/ -1	.1																	1	1	3	[illegible]
-1 / -7																					1
-7 / -8																					2
-8 / -7																					[illegible]
TOTAL	1[illegible].9	49.6	2[illegible].9	4.[illegible]	2.1	1.2	.6											806.	8[illegible]	806.	8[illegible].5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5107131	62998	78.2	15.033	806							
Dry Bulb	1337701	31637	39.2	11.035	808	.1	25.0	.3				93
Wet Bulb	1149726	29342	36.4	10.064	806	.3	31.8					93
Dew Point	945530	26114	32.4	11.090	806	.8	49.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4586 SALINA MAP KS 73-81 MAR
STATION STATION NAME YEARS 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 43		.4																3	3			
/ 41		.2		.4	.1													6	6	3	3	
/ 39		.6	.2		.1	.1	.1											10	10	5	2	
/ 37		.7	.1	.7		.5												17	17	2	4	
5 / 35	.1	.9	.4		.1	.5												16	16	19	8	
4 / 33		.7	.7		.4	.1	.1											17	17	13	11	
/ 31		1.1	.4	.4	.7	.7												27	27	11	17	
2 / 29		1.4	1.2	.4	.2		.1											25	25	17	7	
4 / 27	.4	3.2	.6	.7	.1	.4	.1											45	45	71	22	
/ 25	.9	1.8	1.1	.6	.4													39	39	46	41	
4 / 23	.7	2.8	1.6	.6	.2													49	49	47	26	
2 / 21	.1	3.1	.9	.6														38	38	37	32	
4 / 19	1.2	3.2	1.8	1.1														67	67	66	42	
3 / 17	1.4	3.3	1.4	.5														53	53	57	42	
/ 15	1.6	5.7	1.4	.4														73	73	71	58	
3 / 13	2.1	3.9	1.6	.2														64	64	75	59	
2 / 11	1.1	6.9	1.7															78	78	55	56	
/ 9	1.4	3.6	1.2	.2														53	53	77	57	
2 / 7	.4	4.1	.9															43	43	55	64	
1 / 5	.9	1.5	.4															22	22	37	43	
/ 3	.1	1.5	.2															15	15	21	46	
2 / 1	.7	2.1																22	22	24	30	
/ -1	.5	.5																8	8	17	37	
/ -3	.4	.4																6	6	8	16	
1 / -5		.6																5	5	2	19	
/ -7		.5																4	4	4	17	
1 / -9	.4	.4																6	6	7	7	
/ -11		.2																2	2	2	3	
/ -13	.4																	3	3	5	5	
-/ -15																					2	
-/ -17																					5	
/ -19	.2																	2	2	2		
/ -21	.4																	3	3	3	2	
-/ -23	.1																	1	1	1	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724386 SALINA MAP KS 73-61 MAR
STATION STATION NAME YEARS MONTH

PAGE 2 0300-0500
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-∞/-5																					1
-∞/-7																					1
-∞/-9																					2
-∞/-11																					1
TOTAL	1	355	217	4	6.9	2.5	2.3	.5											812		812
																		812		812	

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.	5473653	65729	80.9	13.739	812							
Dry Bulb	1221960	30240	37.2	10.867	812	.5	30.9					93
Wet Bulb	1080568	28462	35.1	10.112	812	.5	36.7					93
Dew Point	913652	25632	31.6	11.189	812	1.3	50.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7245 36 — STATION
SALINA MAP KS — STATION NAME
73-81 — YEARS
MAR — MONTH

 2600-0800 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
67 / 65			.1															1	1		
4/ 63		.2																2	2	1	
/ 61			.1	.2														3	3	2	3
/ 59		.4	.4			.1												7	7	1	
/ 57				.3	.4	.1	.1											7	7	6	3
5 / 55	.7	1.7	.2			.4	.1											20	20	11	11
4/ 53	.4	1.1	.4	.1	.2	.4												21	21	14	10
/ 51		.7	.6	.2	.5	.6												22	22	16	11
5 / 49		1.1	1.0	1.0	.1													26	26	12	4
/ 47	.5	2.3	.7	.4	.7	.1												39	39	28	18
/ 45	.6	2.1	.7	.9	.4													38	38	44	36
4/ 43	.9	2.9	.9	.5	.1													43	43	41	27
2/ 41	.1	2.9	1.0	.6	.5													42	42	46	28
3 / 39	1.6	3.6	1.5	.5	.1													51	51	56	46
2 / 37	.7	3.9	2.2	.5														60	60	49	38
/ 35	1.5	4.9	1.5															64	64	68	51
3 / 33	1.1	4.8	1.3	.2														61	61	76	53
/ 31	2.2	5.8	2.5	.1														86	86	66	93
/ 29	.9	4.3	1.6	.2														57	57	66	71
/ 27	.9	3.1	.7															38	38	61	54
/ 25	.6	3.6	.1															35	35	47	46
/ 23	.1	1.8	.4															19	19	30	46
2 / 21	.5	1.2																14	14	20	38
/ 19	1.	1.2																16	16	19	33
/ 17		.7																6	6	9	27
1 / 15	.1	.2	.1															4	4	4	18
/ 13		.2																2	2	2	11
1 / 11		.7																6	6	7	9
/ 9	.4																	3	3	5	4
/ 7		.4																3	3	1	5
/ 5	.1	.1																2	2	4	6
/ 3		.2																2	2	1	
/ 1		.1																1	1	2	3
/ -1	.2																	2	2	2	3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

CLIMATAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7245 36 SALINA MAP KS 73-81 MAP
STATION STATION NAME YEARS 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
- / -7	.2																	2	2	2	2
- / -8																					4
- / -9																					2
-1 / -13																					1
TOTAL	1	355	81	8	5.8	3.1	1.7	.2											815		815
																		815		815	

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.	5504651	66073	81.1	13.486	815							
Dry Bulb	1178481	29733	36.5	10.732	815	.5	34.0					93
Wet Bulb	1045468	28034	34.4	10.112	815	.5	39.7					93
Dew Point	881126	25176	30.9	11.272	815	1.4	54.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7946 56 — STATION
SALINA MAP KS — STATION NAME
73-81 — YEARS
MAR — 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.	TOTAL W.B. Dr. Bulb	Wet Bulb	Dew Point
6/ 73								.1	.1									2	2		
/ 71					.1													1	1		
/ 69				.2			.2											4	4		
5 / 67			.1	.1	.1		.2	.2										7	7		
6/ 65			.1	.2	.1	.6	.1	.1	.1									12	12	1	
4/ 63		.1	.1	.4	.1		.1	.1	.4									11	11	3	
/ 61		.1	.4		.4	.6	.2	.2	.2									18	18	4	3
/ 59		.1	.5	.7		.4	.6	.4	.1									23	23	7	3
/ 57		.5	.6	.5	.2	1.1	1.3	.2										34	34	15	5
5 / 55	.2	.9	.4	.5	.7	1.7	.6	.1										42	42	19	14
4/ 53		.4	1.1	.7	.5	1.1	.4	.2										35	35	21	9
4/ 51		.4	.7	.7	1.3	.6	.5											35	35	15	9
5 / 49		1.1	1.2	1.6	1.7	.5	.1	.1										49	49	33	20
6 / 47	.6	1.7	1.2	1.6	1.1	1.2												59	59	35	28
10 / 45	.6	1.7	1.1	1.5	.9	.2												49	49	69	27
4/ 43	.4	2.7	2.9	1.5	.5	.4												58	58	69	34
4/ 41	.7	2.3	1.8	1.1	.4	.1												53	53	72	47
6 / 39	.9	2.2	2.3	1.5	.2													56	56	78	52
7 / 37	.2	2.3	1.7	1.3	.1													47	47	57	67
8 / 35	.4	2.1	2.2	.9														45	45	61	56
13 / 33	.2	1.8	1.3	.4														31	31	49	72
4/ 31	.7	2.1	2.1	.2														42	42	49	77
7 / 29	1.1	2.2	1.2	.1														33	33	43	53
/ 27	.1	.6	.6															11	11	33	49
/ 25		1.3	.2															13	13	19	44
3 / 23	.2	.2	.4															7	7	12	38
2/ 21	.4	.5	.1															8	8	8	21
/ 19		.4	.1															4	4	6	30
/ 17		.6	.4															8	8	5	20
1 / 15																				6	11
1 / 13		.2																2	2	2	7
1 / 11	.2	.2																4	4	4	7
/ 9	.1	.1																2	2	2	4
/ 7	.1	.1																2	2	2	7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724556 SALINA MAP KS 73-81 MAR
STATION STATION NAME YEARS 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
/ -5																				1	1
-/ -3	.1	.1																2	2	2	1
/ -1																					4
/ -1																					2
-/ -5																					2
-/ -7																					1
TAL	.3	28.6	24.4	15.8	8.5	3.3	4.2	2.7	1.7										819		819
																		819		819	

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.	4256166	57130	69.8	18.199	819							
Dry Bulb	1666746	35710	43.6	11.545	819		15.7	1.6	.2			93
Wet Bulb	1335777	32163	39.2	9.782	819		22.0					93
Dew Point	1007673	27333	33.4	10.813	819	.6	42.6					93

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

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

PSYCHROMETRIC SUMMARY

7 4586 SALINA MAP KS 73-81 MAR
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	Dew Point
/ 81									.1			.1						2	2		
/ 79									.2		.2							4	4		
7 / 77									.4			.1						4	4		
6 / 75						.1	.2	.1	.4	.1	.1	.2						11	11		
4 / 73					.?		.1		.6	.2	.1							11	11		
/ 71				.1		.1	.2	.5	.2	.4	.1	.1						15	15		
/ 69			.1	.1	.1	.4	.4	.2	.4	.5	.5							22	22		
/ 67				.1	.4	.2	.6	.5	.2	.7	.2							25	25	1	
6 / 65					.1	.2	.4	.2	.6	.9	.2							22	22	7	
4 / 63			.5	.5	.6	.5	.9	.6	.5	.2								35	35	4	1
/ 61		.1	.4	.9	.6	.5	.9	.6	.5	.2								38	38	13	5
/ 59		.1	.2	.7	.6	1.0	1.2	.9	.9									46	46	20	7
/ 57		.6		.6	1.5	1.2	1.3	.7	.1	.1								51	51	28	4
5 / 55	.1		.2	1.1	1.2	1.2	1.1	1.1	.1									49	50	27	19
4 / 53		.1	.1	.7	.6	1.3	1.1	.5										37	37	35	11
2 / 51		.7	.2	.7	1.2	1.2	.6											37	37	39	12
/ 49	.1	.7	1.3	.9	.7	1.6	.2											46	46	65	26
/ 47	.2	1.2	.9	1.0	1.2	.7	.1											44	44	59	28
/ 45	.4	2.1	1.7	1.2	.7	.2	.2											54	54	74	44
4 / 43	.2	1.8	.9	.6	1.2	.2	.2											43	43	77	49
2 / 41	.2	.7	1.1	1.5	.7	.1												36	36	59	55
/ 39	1.2	1.1	1.5	1.?	.6													44	44	56	53
/ 37		1.1	1.1	.5	.4													25	25	44	42
/ 35	.5	1.0	1.6	.6														30	30	46	56
3 / 33	.4	.6	1.1	.1														18	18	32	55
/ 31	.5	1.2	.5	.1														19	19	36	67
/ 29	.7	.2	.6	.1														14	14	27	61
/ 27	.1	.4	.4															7	7	11	64
/ 25	.2	.4	.9															12	12	9	41
/ 23		.1	.5															5	5	8	23
2 / 21		.1																1	1	6	35
/ 1		.1	.1															2	2	4	13
/ 17		.1																1	1	2	8
1 / 15		.2	.1															3	3	2	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 MAR
STATION STATION NAME YEARS 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	11-13	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
/ 13	.2	.1															3	3	4	4
1 / 11		.1	.1														2	2	1	11
/ 9																			1	5
/ 7																			1	2
/ 5																				3
/ -1																				1
- / -3																				1
- / -5																				1
TOTAL	.3	15.3	16.1	13.2	12.8	10.5	9.9	6.0	5.3	3.4	1.6	.4						819		818
																	818		818	

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.	3227275	48309	59.1	21.423	818		7.8	10.7	3.6	.3		93
Dry Bulb	2228418	41382	50.5	12.964	819							
Wet Bulb	1638476	35392	43.3	9.720	818		12.7	.1				93
Dew Point	1085497	28457	34.8	10.813	818	.3	40.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723536 SALINA MAP KS 73-81 MAP
STATION STATION NAME YEARS 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
/ 99													.1					1	1		
8/ 97											.1		.1					2	2		
6/ 95												.1		.1				2	2		
/ 93									.1			.2	.1					4	4		
/ 79									.1	.5	.1	.5	.2	.1				13	17		
7 / 77								.1	.4	.1	.6	.5	.1	.1				16	17		
/ 75								.1	.5	.2	.4	.5	.2					17	18		
4/ 73						.2	.2	.2	.1	.2	.4	.2	.2					16	16		
/ 71				.1	.2	.1	.4		.4	.4	.2	.4						18	19		
/ 69			.1	.1	.1	.5	.4	.2	.1	.4	.7	.2						24	24		
/ 67						.4	.6	.2	.4	.9	.5							24	24	1	
6/ 65		.1		.1	.2	.2	.9	.4	.5	.6	.2							31	31	6	
4/ 63			.5	.1	.9	.9	.5	1.2	.4	.5								40	40	9	1
/ 61		.2	.2	.2	.2	.5	.9	.4	1.1	.4								33	33	14	4
/ 59		.2	.1	.2	1.0	1.2	.4	1.0	1.2	.1								45	45	32	2
/ 57			.2	.6	.9	.5	.4	1.3	.7	.2								40	40	30	8
5 / 55		.2	.5	1.1	1.3	1.2	.6	.7		.1								46	46	33	8
4/ 53			.6	.4	1.2	.7	.5	.2										30	31	35	14
/ 51		.6		.5	1.6	1.2	.2											34	34	54	13
5 / 49	.1	1.1	.6	1.6	1.5	1.6	.6											58	58	65	34
/ 47	.4	1.5	.7	.7	1.7	.7	.5	.1										52	52	52	30
4 / 45	1.0	1.8	1.1	.6	.9	.4	.4											50	50	86	55
4/ 43	.1	1.5	.9	.7	.6													31	31	70	41
2/ 41	.2	1.1	.5	1.3	.6	.4												34	34	75	47
/ 39	.7	1.5	.7	.9	.9													38	38	47	64
2 / 37		.7	.5	.6	.1													16	16	49	48
/ 35	.1	.9	1.1	.5	.2													23	23	32	53
3 / 33	.2		.4	.2														7	7	28	38
/ 31	.4	1.7	.7															23	23	29	66
/ 29	.5	.1	1.2															13	13	21	49
/ 27	.4	.5	.2	.1														10	10	10	63
/ 25	.4	.1	1.0															12	12	15	42
/ 23		.2																2	2	9	28
2/ 21		.1																1	1	3	25

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723496 SALINA MAP KS 73-81 MAR
STATION STATION NAME YEARS 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
/ 17		.4																3	3	1	32
/ 17																				3	11
1 / 15	.1	.2	.4															6	6	2	14
/ 13																				4	15
1 / 11																					3
/ 9																					3
/ 7																					1
/ 5																					1
/ -1																					1
- / -3																					1
TOTAL	4.7	15.3	12.1	10.9	14.7	10.6	7.4	6.4	6.3	4.7	3.3	2.7	1.2	.4				815	819	815	815

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2969621	45511	55.8	22.936	815							
Dry Bulb	2443393	43271	52.8	13.863	819		7.9	15.9	8.3	1.4		93
Wet Bulb	1632181	36171	44.4	9.717	815		11.1	.1				93
Dew Point	1034442	28398	34.8	10.799	815	.2	40.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: AFGWC/MAC

PSYCHROMETRIC SUMMARY

724566 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 HOURS 1800-2000 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
[illegible] / 83										.1								1	1			
/ 81													.1					1	1			
/ 79											.1	.1						2	2			
7 / 77									.1			.1						2	2			
6 / 75								.1	.2	.2	.2							7	7			
4 / 73									.2									2	2			
/ 71					.1	.1		.2	.1	.1	.2	.1						9	9			
/ 69					.1	.1	.4	.5		.1	.2							12	12			
/ 67			.1	.2	.2	.4	.1	.1		.2	.1							13	13			
6 / 65		.1		.4	.4	.6	.6	.2	.5	.1								24	25	2		
4 / 63			.4	.4	.2	.1	.6	.4	.4	.4								23	23	2		
/ 61			.2	.5	1.2	.5	.6	.6	.4									33	33	9	2	
/ 59			.3	.7	.7	.2	1.2	.4	.4									32	32	14	2	
/ 57		.1	.5	.5	.9	.7	.4	.7	.2									33	33	20	5	
9 / 55			.5	1.2	.7	.7	1.1	.4										38	38	28	11	
4 / 53		.4	.7	1.1	1.3	1.0	.6	.2	.2									42	42	26	8	
2 / 51	.1	.6	1.3	1.4	.7	.7	.6	.1										43	43	36	15	
5 / 49		1.1	1.6	1.7	1.6	.9	.2											58	58	49	31	
1 / 47	.5	1.7	1.2	1.4	1.4	.9	.2											59	59	65	24	
4 / 45	.6	2.4	.9	1.9	.6	.4	.1	.1										56	56	77	51	
4 / 43	.1	2.3	1.6	1.1	1.1	.1												49	49	67	45	
2 / 41	.4	2.4	1.5	1.5	.2	.1												49	49	73	55	
4 / 39	.9	1.3	1.7	1.3	.7	.1												44	44	78	59	
3 / 37		2.0	1.1	.9	.4													35	35	39	56	
/ 35	.2	2.6	.9	.7	.1													37	37	52	63	
3 / 33		1.1	1.2															17	17	47	61	
1 / 31	.4	1.6	.7															22	22	38	73	
/ 29	.5	1.3	.6															17	17	22	47	
/ 27	.2	.2	.6															9	9	14	43	
/ 25		.5	.5															8	8	9	46	
/ 23		.4	.4															6	6	9	21	
2 / 21	.2	.5																6	6	7	26	
/ 19		.6																5	5	8	24	
1 / 17		.1																1	1	3	12	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?45?6 SALINA MAP KS 73-81 MAR
STATION STATION NAME YEARS MONTH

PAGE ? 1800-2?00
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
?/ ??		.1	.1															2	2	2	13
/13	.1	.1																2	2	1	9
1/11	.1	.1																2	2	3	3
/9	.1	.1																2	2	2	5
/7																				1	4
/3																					1
/-1																					1
-/-3																					1
-/-5																					1
TOTAL	4.6	23.0	18.3	16.6	12.7	7.8	3.0	4.2	2.9	1.4	1.0	.4	.1					803	804	803	803

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.	3846372	51598	64.3	20.311	803							
Dry Bulb	1959240	38453	47.8	12.246	804		9.5	5.7	1.7	.2		93
Wet Bulb	1480083	33625	41.9	9.474	803		13.8					93
Dew Point	1056759	27895	34.7	10.459	803	.3	38.2					93

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

SUBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724526 SALINA MAP KS 73-61 MAR
STATION STATION NAME YEARS 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 73									.1									1	1		
-/ 71					.1			.1										2	2		
-/ 69			.1					.1										2	2		
6/ 65				.1	.1	.1	.2	.4	.1									9	9	1	
4/ 63		.2	.1	.2	.1	.1	.5											11	11	1	1
-/ 61		.4	.2	.5	.5	.1												14	14	4	
-/ 59			.7	.2	.5	.1			.1									14	14	4	5
-/ 57		.5	.4	.7	.6	.6												23	23	10	3
5/ 55		.9	.5	.9	.7	.4	.2	.1										30	31	19	11
4/ 53		.4	1.1	1.2	.7	.5	.2											39	39	20	9
-/ 51	.1	.6	.9	.9	.7	1.1	.1											36	36	24	9
5/ 49	.2	1.2	.5	1.2	.5	1.2												36	36	32	16
-/ 47	.1	3.2	1.7	.9	.6	.2												55	55	47	31
-/ 45	.4	2.1	2.3	1.6	.7	.1												59	59	50	44
4/ 43	.1	2.3	2.1	1.2	.9	.1												59	59	55	32
2/ 41	.7	3.2	2.3	1.1	.6													65	65	74	61
4/ 39	.9	3.6	2.2	1.2	.1													63	63	66	42
3/ 37	.5	2.7	1.8	1.5	.1													54	54	58	73
-/ 35	.6	2.6	2.3	.9	.5													56	57	63	56
3/ 33	.6	4.1	2.1	.2	.1													58	58	67	48
-/ 31	1.7	2.3	1.7	.5														42	42	59	87
2/ 29	.6	1.5	.9															24	24	40	47
-/ 27		1.2	.7															16	16	34	54
-/ 25	.1	.2	.2															5	5	16	46
-/ 23	.1	.4	.1															5	5	8	23
2/ 21	.2	.6	.4															10	10	8	30
-/ 19	.1	.5																5	5	9	22
-/ 17		.7																6	6	6	15
1/ 15		.5																4	4	5	9
-/ 13	.2	.1																3	3	5	12
1/ 11																					12
-/ 9	.1																	1	1	1	5
-/ 7	.1																	1	1	1	2
-/ 5		.2																2	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 2 | 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 / -3		.1																1	1	1	1
-2 / -4																					1
-3 / -5																					2
TOTAL	.1	36.	62.	5.	41.	4.	9.	8.	4.	4.	6.	2.	2.	.7	.4			811	813	811	811

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4628551	59803	73.7	16.431	811							
Dry Bulb	1548389	34401	42.3	10.688	813		14.3	.6	.1			93
Wet Bulb	1283913	31357	38.7	9.395	811		22.6					93
Dew Point	1016746	27426	33.8	7.498	811	.3	42.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724566 SALINA MAP KS 73-81 MAR
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	Wet Bulb	Dew Point
/ 89													.0					1	1		
6/ 87											.0		.0					2	2		
6/ 85												.0		.0				2	2		
6/ 83										.0								1	1		
/ 81									.0			.0	.0					7	7		
/ 79									.0	.1	.1	.1	.0	.0				19	19		
7 / 77								.0	.1	.0	.1	.1	.0	.0				22	23		
6/ 75						.0	.0	.0	.0	.1	.1	.1	.0					35	36		
4/ 73					.0	.0	.0	.0	.0	.1	.1	.0	.0					32	32		
/ 71				.0	.1	.0	.1	.1	.1	.1	.1	.1						45	46		
/ 69			.1	.1	.0	.1	.0	.1	.1	.1	.2	.0						67	67		
/ 67			.0	.1	.1	.1	.2	.1	.1	.2	.1							69	69	2	
6/ 65		.1	.0	.1	.2	.2	.1	.2	.2	.2	.1							101	102	30	
4/ 63		.2	.2	.2	.2	.2	.2	.3	.2	.1								129	129	24	5
/ 61		.2	.2	.4	.4	.3	.4	.2	.3	.1								159	159	52	23
/ 59		.2	.4	.4	.4	.4	.4	.3	.3	.0								186	186	86	21
/ 57		.4	.3	.6	.6	.6	.4	.4	.1	.0								224	224	117	32
5/ 55	.2	.6	.4	.6	.6	.7	.5	.3	.2	.2								258	260	168	93
4/ 53	.1	.4	.6	.6	.6	.7	.5	.2	.0									242	243	179	66
2/ 51	.1	.7	.6	.7	.9	.8	.3	.1										268	268	223	86
5/ 49	.1	1.2	1.0	1.1	.9	.7	.2	.0										340	340	288	150
/ 47	.4	2.2	1.0	.9	1.0	.5	.1	.0										397	397	395	267
4/ 45	.6	2.0	1.2	1.2	.6	.2	.1	.0										384	384	494	337
4/ 43	.4	2.4	1.5	1.0	.6	.1	.0											390	391	467	260
2/ 41	.4	2.4	1.3	1.1	.4	.1												370	370	501	368
/ 39	1.1	2.5	1.7	1.1	.4	.0												426	426	526	390
7 / 37	.5	2.5	1.5	.9	.2													354	355	421	409
/ 35	.8	3.1	1.5	.6	.1													393	394	457	457
3 / 33	.6	2.5	1.4	.2	.0													307	307	440	428
2/ 31	1.1	3.3	1.5	.1														387	387	397	645
/ 29	.8	1.8	1.0	.1														239	239	364	439
/ 27	.3	1.6	.6	.0														168	168	249	445
/ 25	.4	1.1	.5															126	126	195	362
1/ 23	.1	.7	.3															65	65	111	269

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAR 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
2/ 21	.6	.8	.1															77	77	98	236
/ 19	.3	.5	.2															51	51	79	218
/ 17	.1	.4	.1															34	34	41	127
1 / 15	.	.3	.1															30	30	24	115
/ 13	.1	.2																21	21	29	78
1 / 11	.1	.2	.															22	22	28	59
/ 9	.1	.1																13	13	17	32
/ 7	.1	.1																11	10	12	28
/ 5	.	.																4	4	7	14
/ 3	.	.1																5	5	4	13
/ 1	.1	.1																8	8	7	13
/ -1	.1																	6	6	8	12
- / -3	.																	3	3	3	11
-/ -5																					13
- / -7																					4
- / -9																					4
- /-11																					1
-1 /-13																					1
TOTAL	8.8	34.9	19.0	11.9	8.4	6.0	4.0	2.5	1.9	1.2	.7	.5	.2	.				6499	6509	6499	6499

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.	34614719	457151	70.3	20.222	6499							
Dry Bulb	13582918	234824	43.8	13.115	6509	1.0	145.1	34.9	14.1	1.9		744
Wet Bulb	10665382	254436	39.2	10.410	6499	1.3	190.4	.2				744
Dew Point	7987973	216431	33.3	10.959	6499	5.3	358.3					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 75				.1			.1											2	2			
74 / 73				.1			.1											2	2			
72 / 71			.1	.1	.3		.3											6	6			
70 / 69			.1	.5	.4													8	8	1		
68 / 67		.8	1.3	1.1	.3	.1												28	29	3		
66 / 65		.6	1.2	.6	.5		.3	.1										25	25	12		7
64 / 63		1.0	1.0	.6	.8		.4	.4										33	33	27		17
62 / 61	.1	1.8	.6	.9	.5	.3	.4	.1										37	37	28		19
60 / 59		1.5	1.5	2.0	.6	.4	.3											50	50	32		26
58 / 57	.3	2.5	1.4	.4	1.2	.8		.1										51	51	31		36
56 / 55	.3	1.9	1.4	1.4	1.4	1.3	.1											61	61	48		34
54 / 53		1.9	1.7	1.4	1.1	.4		.1										47	47	49		35
52 / 51		3.9	1.4	1.0	.4	.1												54	54	42		33
50 / 49		3.1	2.0	1.8	.8	.3												63	63	81		46
48 / 47		2.5	2.6	1.4														52	52	51		49
46 / 45		2.3	1.5	.4														33	33	71		43
44 / 43	.1	3.6	2.0	.5														53	53	62		52
42 / 41		2.9	2.4	.6														47	47	46		59
40 / 39	.1	2.3	2.0															35	35	58		60
38 / 37	.4	2.3	1.8															35	35	39		62
36 / 35	.3	2.3	.9															27	27	36		61
34 / 33	.3	2.0	.4															25	25	33		51
32 / 31	.4	1.3	.3															13	13	24		48
30 / 29	.1	.4	.1															5	5	15		23
28 / 27		.1																1	1	4		21
26 / 25																				2		7
24 / 23																						2
22 / 21	.3	.1																3	3	2		1
20 / 19																				1		3
18 / 17																						3
16 / 15	.1	.1																2	2	2		
14 / 13	.1																	1	1	1		1
12 / 11																						3

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | APR MONTH

 0000-2200 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	3.3	40.8	26.8	14.9	7.9	3.5	1.9	.9										796	796	796	796

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.	4923155	61657	77.5	13.612	796		2.8	5.2	.5			90
Dry Bulb	2113837	40195	50.5	10.288	796		2.8	5.2	.5			90
Wet Bulb	1820788	37328	46.9	9.404	796		5.2	.5				90
Dew Point	1573867	34459	43.3	10.164	796		12.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 69			.3	.8														8	8			
/ 67			.1	1.3	.1	.3												12.	12.		3.	2
6/ 65			.9	1.0	.4	.1	.1											20	20		6	3
4/ 63			.9	1.4		.6												23.	23.		20.	8
/ 61	.4	2.3	.6	.1	.1	.3												30	30		25	21
/ 59	.3	1.1	.8	.3	.1	.1	.4											24.	24.		34.	29
/ 57	.3	1.7	1.7	.5	.4	.5	.1											40	41		15	26
5 / 55	.6	2.2	1.7	1.1	.6	.3												51.	53.		41.	32
4/ 53	.4	2.7	1.4	1.9	.8	.6												61	61		30	27
2/ 51	.5	3.4	1.3	1.5	.5	.4												60.	60.		49.	31
5 / 49	.4	4.5	1.1	2.0	.1													64	64		57	44
4 / 47	.3	2.7	3.1	1.0	.1													56.	56.		68.	52
4 / 45		4.6	1.3	.8														52	52		64	38
4/ 43	.1	3.3	2.3	.8														51.	51.		82.	52
2/ 41		3.3	2.4	.4														48	48		42	67
4 / 39	.3	3.3	1.7															41.	41.		56.	56
3 / 37		3.4	1.4															38	38		47	50
/ 35	.3	2.9	.4															28.	28.		45.	66
3 / 33	1.1	2.5																29	29		36	54
/ 31	.3	2.9																25.	25.		26.	54
/ 29		1.1	.1															10	10		18	27
/ 27	.3	.4	.3															7.	7.		9.	22
/ 25	.1	.1																2	2		6	14
/ 23																					1.	4
2/ 21	.1																	1	1		1	3
/ 19	.3																	2.	2.		2.	2
/ 17																						4
/ 13	.3	.1																3.	3.		3.	1
1 / 11																						2
/ 9																						1
TOTAL	6.1	50.8	25.6	10.9	3.8	2.3	.5												789			786
																		786.		786.		

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.	5337190	64066	81.5	12.111	786							
Dry Bulb	1901572	37918	48.1	10.032	789		5.7	2.3				9
Wet Bulb	1682300	35592	45.3	9.484	786		7.6	.3				9
Dew Point	1492330	33294	42.4	10.223	786		15.1	.2				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | APR MONTH

PAGE 1 | 2600-0859 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
/ 71			.3	.1														3	3		
/ 69		.3	.8															8	8		
/ 67		.1	1.3		.1													12	12	5	
8/ 65		.9	.6	.1	.1	.1												15	15	8	6
4/ 63	.1	1.6	.8	.4	.6	.1												29	29	16	13
/ 61	.1	1.5	.9	.4	.6	.5												32	32	25	22
/ 59	.1	1.9	1.3	.5	.1	.1												30	30	20	21
/ 57	.5	1.9	.6	.5	.1	.4												32	32	37	26
5/ 55	.3	2.7	.8	1.5	.9	.6	.1											54	54	35	26
4/ 53		2.5	1.9	.8	1.1	.4												53	53	32	30
/ 51	.3	3.8	2.5	2.2	.6	.3												76	76	46	27
/ 49	.6	3.3	1.5	2.0	.5													63	63	55	57
/ 47	.1	2.3	3.3	3.1	.1													70	70	65	34
/ 45	.3	3.9	1.9	.8														54	54	82	50
4/ 43	.1	2.9	3.2	.8														55	55	73	54
/ 41	.1	3.4	2.3	.3														48	48	65	54
/ 39	.1	1.8	2.0	.3														33	33	55	74
/ 37	.1	2.9	.9	.3														33	33	44	53
/ 35	.1	2.2	1.3															26	26	29	64
3/ 33	.6	1.6	.4															21	21	36	56
/ 31	.3	2.2	.3															21	21	26	42
/ 29		.8	.1															7	7	10	29
/ 27	.3	.6	.1															8	8	11	21
/ 25		.1																1	1	5	11
/ 23		.1																1	1	3	6
2/ 21																					1
/ 19	.1	.3																3	3	2	5
/ 17																				1	2
1/ 15	.1																	1	1	1	3
/ 13		.1																1	1	1	2
/ 9																					1
TOTAL	.4	45.7	28.4	13.8	5.1	2.5	.1												790		790
																		790		790	

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	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.	5161942	63100	79.9	12.431	790							
Dry Bulb	1944111	38429	48.6	9.734	790		4.9	2.6				90
Wet Bulb	1712568	36042	45.6	9.299	790		5.8	.6				90
Dew Point	1504295	33521	42.4	10.191	790		14.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 81								.1		.1								2		2		
/ 79							.3		.1	.1								4		4		
7 / 77						.4		.3	.1		.1							7		7		
76 / 75				.3	.9	.1		.5	.3	.1								17		17		
74 / 73			.1	.5	.4	.5	.3	.1	.3		.1							18		18		
/ 71			1.3	1.0	.3	.1	.9	.3	.3									32		32		
/ 69			.4	.5	.8	.6	.6	.3	.3									27		27		
/ 67		.1	1.1	.8	.9	1.0	.4	.3	.4	.3								41		41	27	5
64 / 65		.4	.8	.6	.8	1.1	1.1	.5	.3	.3								46		46	21	12
47 / 53		.5	1.4	1.0	1.1	.9	.4	.6	.1									48		48	25	22
/ 61		1.5	.8	1.1	1.4	1.4	.8	.6	.1									61		61	31	26
/ 59		1.3	.6	.9	1.5	1.8	.6	.8	.1									60		60	59	20
5 / 57		1.1	1.3	1.0	1.5	1.9	.4	.3										59		59	44	37
5 / 55		.9	1.1	1.4	2.4	1.1	.5											59		59	48	37
47 / 53		.6	1.3	1.1	1.7	1.3	.3											49		50	57	34
/ 51		1.4	1.0	1.4	1.8	.1	.1											46		46	67	36
5 / 49		.9	1.0	1.5	1.8	.1												42		42	72	42
/ 47		2.4	.6	1.1	.8	.1												40		40	57	45
44 / 45		.8	1.4	1.7	.6													35		35	81	62
42 / 43		1.4	.6	.9														23		23	56	61
39 / 41		.5	2.0	.4														23		23	40	37
4 / 39		.8	.4	.4	.1													13		13	28	68
36 / 37		.1	.6															6		6	30	48
/ 35		.1	.6	.1														7		8	7	48
33 / 33	.8	.1	.5															11		11	17	41
30 / 31		.1	.3															3		3	6	43
/ 29		.3																2		2	5	25
26 / 27		.1																1		1	3	11
/ 25																					1	11
24 / 23																						7
22 / 21	.1	.1																2		2	2	2
/ 19	.1																	1		1	1	2
17 / 17																						3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

...L BAL CLIMATOLOGY BRANCH
...AFETAC
A... ...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS MONTH

PAGE ... 090...-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
TOTAL	1.	15.	19.	17.	18.	13.	7.2	6.6	4.6	2.3	.9	.3						787	785
																		785	785

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.	3564475	51207	65.2	16.909	785		1.0	16.9	5.5	.5		90
Dry Bulb	2638228	44814	56.9	10.484	787		2.1	3.8				90
Wet Bulb	2067310	39656	50.5	9.735	785		11.9	.6				90
Dew Point	1639694	34926	44.5	10.460	785							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 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.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/ 89											.1							1	1		
6/ 87											.1	.1	.1					3	3		
6/ 85									.3		.4	.4						8	8		
4/ 83								.6	.1		.6			.1				12	12		
/ 81						.1	.3	.3	.1	.3	.1	.1						13	13		
/ 79					.2	.5	.2	.3	.4	.4	.4	.3						21	21		
7 / 77					.6	.5	.9	.6	.6	.3	.3	.3	.1					33	33		
7/ 75				.4	.1	.8	.8	.4	.3	.5		.3						27	27		
4/ 73			.3	.4	.9	.6	1.1	.5	.9	.4	.4	.1						44	44	2	
/ 71			.4	.4	1.3	.8	.6	.5	1.0	.9	.6	.1						53	53	2	
/ 69			.3	.5	1.2	.8	.4	1.0	.6	.3	.3							40	40	27	2
/ 67		.5	.6	.9	.6	1.0	1.6	1.0	1.3	.5	.1							65	65	21	9
6/ 65		.3	.5	.8	1.0	1.3	2.3	1.4	.8	.1								66	66	38	17
4/ 63	.1	.4	.5	.3	1.4	1.5	1.3	1.6	.8	.3								64	65	59	12
/ 61	1.3	.5	.3	.5	1.1	.8	.3	.4										40	40	47	35
/ 59		.4	.4	.9	.6	1.1	1.1	.6										41	41	44	42
/ 57		.4	.5	.4	.6	.8	1.3		.1									32	32	48	34
5 / 55			1.4	.8	.6	1.4	1.2											41	41	67	33
4/ 53		.3	1.3	.3	1.1	1.3	.6											38	38	72	16
2/ 51	.3	.4	.6	.9	1.6	1.1	.3											41	41	70	51
9 / 49		.8	.4	.8	.3	.8												23	23	62	42
/ 47		.5	.4	.9	.6	.1												20	20	43	53
4 / 45		.8	.4	.9	.3	.1												19	19	56	50
4/ 43		.6	.1	.5	.3													12	12	44	56
2/ 41		.4	.4	.1														11	11	30	45
4 / 39	.3	.3	.3	.1														7	7	22	49
3 / 37	.1	.3		.4														6	6	13	46
3 / 35	.4	.1																4	4	10	61
3 / 33	.3	.1																3	3	6	41
/ 31																				2	34
/ 29		.1																1	1		18
/ 27		.3																2	2	1	19
/ 25		.3																2	2	2	11
2 / 23				.1														1	1	2	4

Element (X)	$\Sigma_{R'}$	Σ_R	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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

PSYCHROMETRIC SUMMARY

72[illegible]6 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 21																				5
/ 19																			1.	3
/ 17																				2
/ 3																				1
TAL	1.4	8.7	9.1	10.7	13.8	15.7	14.7	9.1	7.6	3.8	3.4	1.6	.3	.1				792		791
																		791	791	

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.	2719583	43883	55.5	18.995	791							
Dry Bulb	3225741	49737	62.8	11.372	792		.7	36.0	18.1	5.2		9[illegible]
Wet Bulb	2316947	42218	53.4	8.975	791		.9	5.9	.2			9[illegible]
Dew Point	1697917	35615	45.0	10.928	791		11.0	1.3				9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS 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
/ 91											.1	.1						2	2		
/ 89											.1	.3						3	3		
6/ 87									.1		.3	.6	.4					11	11		
6/ 85									.3		.4	.1		.1				7	7		
/ 83							.1	.5	.3	.3	.3	.4	.4					17	17		
/ 81					.1	.4	.4	.1	.3	.1	.4	.4	.1					18	18		
/ 79					.6	.9	.1	1.0	.1	1.0	.1		.1	.1				33	33		
7/ 77				.3	.4		.6	.4	.4	1.0	.4	.9	.1					35	35		
6/ 75				.3	.3	1.0	.8	.6	.6	1.2	.3	.1	.1					41	41		
4/ 73				.3	.3	.4	.6	.3	.8	.9	.8	.3						35	35	2	
/ 71			.3	.5	1.0	1.2	.8	2.3	.5	1.0	.9	.1						67	67	17	
/ 69			.8	.5	.5	1.7	1.5	1.2	1.4	.5	.3	.1						65	65	20	4
8/ 67		.5	.6	.8	.3	1.0	.6	.9	1.5	1.0								57	57	26	11
6/ 65		.5	.4	.1	.5	.8	.6	1.5	1.4	.1								47	47	45	19
4/ 63		.6	1.0		.5	.8	.5	.9	.6	.1								40	40	50	15
/ 61		1.2	.5	.3	.4	1.0	.4	1.3	.1									40	40	50	28
/ 59		.1	.3	.4	.6	.9	1.3	1.2	.1									38	38	57	40
/ 57		.1	.3	.8	.9	1.5	1.4	.3										41	41	67	37
5/ 55		.1	.9	.6	.1	2.2	1.3											41	41	56	29
4/ 53		.1	1.4	1.3	1.0	.3	1.3											40	40	62	23
/ 51		.8	.3	.1	1.0	.3												19	20	65	35
2/ 49	.4	.4			.1													7	7	69	54
/ 47		.9	.4	1.3	.1	.3	.3											25	25	61	50
/ 45		.3	.3	.1	.4													12	12	45	49
4/ 43		.3	.4	.1														6	6	24	45
2/ 41		.4	.3	.4														8	8	27	40
/ 39	.3	.3	.1	.5														9	9	11	56
1/ 37		.3																2	2	9	45
/ 35		.5																4	4	9	54
3/ 33	.1	.4																4	4	7	51
/ 31																				1	38
/ 29																					20
/ 27		.6																5	5		20
/ 25		.1																1	1	5	6

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS 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
/ 23																				1	1
/ 21																					5
/ 19																					3
/ 17																					2
TOTAL	.3	9.3	8.1	8.3	9.7	14.5	12.7	12.3	8.6	7.3	4.2	3.5	1.3	.3					781		780
																		780		784	

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.	2454258	40862	52.4	20.065	780							
Dry Bulb	3404233	50745	65.0	11.718	781		.7	45.1	23.3	8.5		9
Wet Bulb	2369697	42430	54.4	8.893	780		.8	7.5	.2			9
Dew Point	1686538	35246	45.2	10.976	780		11.0	1.7				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS 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
8/ 87										.1	.1							2	2		
4/ 83										.3	.1							3	3		
/ 81							.1	.1	.1	.1	.3							6	6		
/ 79						.3	.3		.4	.1	.1							9	9		
7 / 77					.3	.4	.5	.3	.3	.1	.1							15	15		
8/ 75				.6	.6	.4	.5	.9	.5	.3	.4							33	33		
4/ 73				.8	.6	.8	.8	.6	.5	.3								34	34		
/ 71			.1	.4	.9	.3	.6	.8	1.0		.3							34	34		
/ 69			.5	1.7	1.2	1.2	.9	1.0	.6	.5								59	59	15	
/ 67		.4	1.0	.8	.8	1.2	1.8	1.2	.4		.1							59	59	18	8
6/ 65		.9	.6	.5	1.2	.8	.9	.5	.8	.3								50	50	37	17
4/ 63		.1	1.2	.8	1.4	1.3	.6	.6	.4									50	50	47	18
2/ 61		.9	.6	.4	1.7	1.2	1.4	.9		.1								56	56	44	32
/ 59		.9	1.2	.5	1.0	1.5	2.2	.3	.1									60	60	51	46
/ 57	.1		.1	.6	.6	1.2	1.0	.3										31	31	52	26
5/ 55		.1	1.0	1.0	1.0	1.5	.1											38	38	71	29
4/ 53	.1	.9	1.5	1.5	2.3	.4	1.0											61	61	50	32
2/ 51		1.3	1.2	.9	1.0	.8												40	40	62	41
5 / 49	.3	1.0	.9	1.2	.9	.3												35	35	66	57
/ 47	.3	.9	.5	.9	.5	.1												25	25	76	58
/ 45	.1	.8	.4	1.2	.6													24	24	58	55
4/ 43		1.3	.3	.6														17	17	38	52
2/ 41		.6	.1	.1														7	7	35	59
/ 39	.1		.6	.5														10	10	22	41
/ 37	.1	.4		.3														6	6	8	49
/ 35		.5																4	4	12	61
3 / 33		.5	.1															5	5	7	27
/ 31	.3																	2	2	6	33
/ 29																					20
/ 27		.1	.1															2	2		9
/ 25		.4																3	3	4	10
4/ 23		.1																1	1	2	2
2/ 21																					2
/ 19																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS 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
-17																					2
TOTAL	1.4	12.2	13.2	15.2	16.6	13.3	12.8	7.4	5.1	2.2	1.5							781	781	781	781

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.	3142314	47466	60.8	18.170	781			.9	29.3	11.8	1.6	99
Dry Bulb	2938822	47162	60.4	17.793	781			.9	29.3	11.8	1.6	99
Wet Bulb	2212747	41705	52.5	8.760	781			1.4	3.8			99
Dew Point	1699796	35542	45.5	10.274	781			9.3	.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723546 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 79								.1										1	1		
7 / 77							.1											1	1		
/ 75						.1												1	1		
4/ 73				.6		.1	.4	.1										12	12		
/ 71			.1	.9	.1		.4	.1										13	13		
/ 69			.3	.8	.9	.5	.1	.1	.1									22	22	2	
/ 67		.1	.9	2.3	.5	.5	.6	.1	.3									39	39	6	2
6/ 65		1.3	.8	1.3	1.1	.4	.2	.3	.1									45	45	16	4
4/ 63		1.1	1.7	1.3	.5	1.1	.3	.3										42	42	25	11
/ 61		1.1	1.2	1.1	1.2	.9	.3											42	42	35	29
/ 59	.1	1.9	2.1	1.5	1.4	.6	.5	.1										66	66	43	31
/ 57	.4	1.1	1.5	1.8	1.4	1.1	1.1											67	67	42	42
5 / 55	.1	1.3	2.0	1.9	.8	.9	.1											54	54	53	33
4/ 53		1.6	1.5	1.3	.9	.4												45	45	61	32
/ 51	.3	2.9	1.9	1.6	.6	.1												59	59	62	57
/ 49		1.4	1.4	2.1	.5													43	43	74	44
/ 47	.3	1.8	2.4	1.8	.3	.1												52	52	66	61
/ 45		1.6	1.4	1.1	.4													36	36	55	55
4/ 43	.3	2.1	2.3	1.4														52	52	56	69
2/ 41		1.8	1.3	1.4														35	35	47	42
/ 39		1.3	.9															15	15	42	62
/ 37		1.1	.9	.1														17	17	39	50
/ 35	.1	.9	.8															14	14	21	56
3 / 33	.1	.6	.4															9	9	14	38
/ 31		.6	.1	.1														7	7	14	29
/ 29		.1																1	1	3	25
/ 27																				2	13
/ 25																					5
/ 23		.5																4	4	1	3
2/ 21																				3	1
/ 19		.3																2	2		1
/ 17																				2	3
/ 15																					1
/ 13																					2

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | APR MONTH

PAGE 7 | 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
T [illegible]	1.6	25.3	25.3	24.2	10.2	6.9	4.7	1.3	.5										794		794
																		794		794	

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.	4321852	57432	72.3	14.540	794							
Dry Bulb	2392974	42848	54.1	10.087	794		1.6	9.9	1.5			90
Wet Bulb	1985007	39059	49.2	8.955	794		2.8	.9				90
Dew Point	1663671	35497	44.7	9.836	794		9.4	.2				90

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | APR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
/ 91											.0	.0						2	2		
/ 89											.0	.0						4	4		
87									.0	.0	.1	.1	.1					16	16		
85									.1		.1	.1		.0				15	15		
83							.0	.1	.0	.1	.1	.0	.0	.0				32	32		
/ 81					.0	.1	.1	.1	.1	.1	.1	.1	.0					36	36		
/ 79					.1	.2	.1	.2	.1	.2	.1	.0	.0	.0				68	68		
7 / 77				.0	.2	.2	.3	.2	.2	.2	.1	.1	.0					91	91		
75				.2	.2	.3	.3	.3	.2	.3	.1	.0	.0					121	121		
73			.0	.3	.3	.3	.4	.2	.3	.2	.2	.0						143	143	4	
/ 71			.3	.4	.5	.3	.5	.5	.3	.2	.2	.0						208	208	19	
/ 69		.1	.5	.6	.6	.6	.4	.4	.4	.2	.1	.0						237	237	71	6
/ 67		.3	1.0	.8	.5	.6	.6	.4	.5	.2	.0							313	313	109	37
6/ 65		.7	.7	.5	.7	.6	.8	.5	.4	.1								314	314	183	76
4/ 63	.	.8	1.0	.5	.9	.7	.4	.6	.2	.0								329	330	281	112
/ 61	.1	1.4	.7	.6	.8	.8	.5	.4	.1	.0								338	338	285	212
/ 59	.1	1.1	1.0	.9	.8	.8	.8	.4	.0									369	369	340	255
/ 57	.2	1.1	.9	.7	.8	1.0	.7	.1	.0									353	354	336	264
5 / 55	.2	1.1	1.3	1.2	1.0	1.2	.4											399	401	413	252
4/ 53	.1	1.3	1.4	1.2	1.3	.6	.4	.0										394	395	413	225
/ 51	.2	2.2	1.3	1.2	1.	.4	.											395	396	463	304
5 / 49	.2	1.9	1.0	1.4	.6	.2												340	340	536	386
/ 47	.1	1.7	1.7	1.4	.3	.1	.											340	340	487	402
/ 45	.1	1.9	1.1	.9	.3	.0												265	265	512	402
4/ 43	.1	2.0	1.5	.7	.0													266	266	429	441
2/ 41	.3	1.7	1.4	.5														227	227	332	403
/ 39	.1	1.2	1.0	.2	.0													163	163	294	466
/ 37	.1	1.3	.7	.1														143	143	229	401
/ 35	.1	1.2	.5	.0														114	115	169	471
/ 33	.5	1.1	.2															107	107	156	359
2/ 31	.1	.9	.1	.1														71	71	105	321
/ 29	.1	.3	.0															26	26	46	187
/ 27	.1	.3	.1															26	26	30	134
/ 25	.1	.1																9	9	25	75

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2[illegible] / 23		.1		.0														7	7	10	29
2[illegible] / 21	.1	.0																6	6	8	20
[illegible] / 19	.1	.1																8	8	7	22
[illegible] / 17																				3	21
1[illegible] / 15	.1	.0																3	3	3	4
[illegible] / 13	.1	.0																5	5	5	6
1 / 11																					5
[illegible] / 9																					2
[illegible] / 7																					1
TOTAL	2.5	26.1	19.4	14.5	10.7	8.9	6.7	4.4	3.0	1.8	1.2	.6	.2	.0				6303	6710	6303	6303

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.	31624669	429673	68.2	19.245	6303							
Dry Bulb	20559518	351848	55.8	12.208	6310		18.4	146.7	60.2	15.7		720
Wet Bulb	16167350	313333	49.7	9.687	6303		27.6	23.2	.5			720
Dew Point	12958078	278100	44.1	10.447	6303		94.5	4.9				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SALINA MAP KS 73-81 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 75		.1	.6	.4		.1	.1	.1											12	12		
4 / 73		.4	.6	.5															12	12	1	
[illegible] / 71		.3	1.2	.4			.1												15	15	9	3
[illegible] / 69		.5	3.0	.5	.1	.1													33	33	11	10
[illegible] / 67		1.4	1.4	1.2		.3													33	33	24	8
6 / 65		1.8	3.4	1.3	.6	.4	.1												59	60	38	28
4 / [illegible]		4.1	1.7	1.0	1.4	.5													68	68	43	36
[illegible] / 61	.4	2.8	2.8	2.2	.9														71	71	63	52
[illegible] / 59	.8	3.4	2.6	1.8	1.0														74	74	57	54
[illegible] / 57	.6	2.6	2.8	1.4	.6														63	63	71	57
5 / 55	.3	4.6	3.1	1.4	.6														78	78	75	58
4 / 53		3.7	2.6	.6	.3														56	56	75	60
[illegible] / 51	.3	2.7	2.3	.3	.3														45	46	72	73
5 / 49	.4	2.3	2.2	.4	.1	.1													43	43	63	66
[illegible] / 47	.1	2.3	1.0	.9	.1														35	35	46	57
[illegible] / 45		3.4	1.2	.3	.3														39	39	45	53
[illegible] / 43		1.7	.8	.1															20	20	29	58
[illegible] / 41		.9	.5																11	11	26	27
4 / 39		.4	.1																4	4	13	32
[illegible] / 37		.4	.1																4	4	9	15
[illegible] / 35		.1																	1	1	4	16
[illegible] / 33																					1	5
[illegible] / 31																						3
[illegible] / 29																						6
[illegible] / 27																						1
TOTAL	2.8	39.9	34.0	14.7	6.4	1.5	.4	.1											776	778	776	776

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.	5210010	63044	81.2	10.666	776							
Dry Bulb	2646650	44942	57.8	8.064	778			12.6	2.9			93
Wet Bulb	2350077	42279	54.5	7.753	776			5.4	.1			93
Dew Point	2144943	40259	51.9	8.523	776		1.2	2.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]4586 SALINA MAP KS 73-81 MAY
STATION STATION NAME YEARS 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]/ 93											.1							1	1		
7 / 77								.1										1	1		
[illegible]/ 75		.1						.1										2	2		
[illegible]/ 73			.9	.1		.1												9	9	1	
[illegible]/ 71		.3	.6	.1	.1	.1												10	10	1	1
[illegible]/ 69		.9	2.2	.3		.1												27	27	12	2
[illegible]/ 67		1.1	1.3	.1	.5													23	23	12	13
6 / 65		2.6	1.2	1.3	.4													42	42	33	17
[illegible]/ 63	.3	4.1	1.4	.8	.1	.1												53	53	37	33
[illegible]/ 61	.4	5.2	.9	.8	.6			.1										62	62	57	52
[illegible]/ 59	.9	4.9	1.2	.6	.1	.1												61	61	71	50
[illegible]/ 57	.4	3.9	2.3	1.2	.4													63	63	51	68
5[illegible]/ 55	.5	5.3	2.5	1.5	.5	.1												81	81	65	40
[illegible]/ 53		4.3	2.6	.8														59		60	70
[illegible]/ 51	.3	5.2	1.8	.3														58	58	71	54
[illegible]/ 49	.6	3.1	1.4	.3														42	42	75	69
[illegible]/ 47	.4	4.1	1.0	.4														46	46	45	56
[illegible]/ 45		4.8	1.5	.4														52	52	54	47
[illegible]/ 43	.1	1.9	.8	.1														23	23	37	59
[illegible]/ 41		2.1	.4	.1														20	20	33	36
[illegible]/ 39	.1	2.6	.3															23	23	24	35
[illegible]/ 37	.3	.5	.3															8	8	20	34
[illegible]/ 35	.1	.4	.1															5	5	8	16
[illegible]/ 33		.4																3	3	5	8
[illegible]/ 31		.1																1	1	2	8
[illegible]/ 29																				1	7
TOTAL	4.4	57.7	24.6	9.2	2.8	.8		.4			.1							775	776	775	775

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.	5663395	65797	84.9	9.992	775							
Dry Bulb	2438185	42981	55.4	8.618	776		.1	8.7	1.6	.1		93
Wet Bulb	2216047	40949	52.8	8.229	775		.4	3.1	.1			93
Dew Point	2059398	39370	50.8	8.761	775		1.8	1.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 MAY
STATION STATION NAME YEARS 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				.1														1	1		
7 / 77			.1	.1														2	2		
76 / 75		.1	.5															5	5		
74 / 73		.2	.5	.4														9	9	3	1
/ 71		.2	1.1	.4	.2													16	16	8	2
/ 69		.6	2.2	1.2	.2													33	33	8	12
68 / 67		2.0	2.7	.7	.4	.1												48	48	23	8
67 / 65		2.5	3.6	2.2	.2													67	67	38	32
64 / 63	.2	3.2	2.2	1.0	.1													55	55	58	40
/ 61	.6	4.1	2.1	1.6	1.1		.1											76	76	72	53
/ 59	.4	3.2	2.6	1.2	.2	.1												53	53	65	81
/ 57	.1	2.7	2.2	1.9	.2	.2												60	60	46	47
56 / 55	.1	5.1	2.6	1.7	1.1	.1												87	87	77	48
54 / 53		3.2	3.3	2.3	.1													73	73	64	67
52 / 51	.4	3.1	2.6	.6	.4													57	58	74	65
50 / 49	.6	1.6	1.9	.6														38	38	68	61
/ 47	.4	1.9	1.9	.4														36	37	61	65
46 / 45		1.6	1.6	.5														30	30	43	45
44 / 43		2.1	.9															24	24	28	38
42 / 41		1.7	.5	.2														20	20	29	51
/ 39		.9	.4															10	10	24	37
38 / 37		.2	.1															3	3	10	26
36 / 35	.1	.5	.1															6	6	6	15
34 / 33																				4	11
/ 31																					6
/ 29		.1																1	1		2
/ 27																				1	
26 / 25																					1
TOTAL	3.7	39.8	35.7	16.5	4.3	.6	.1												812		810
																		810		810	

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.	5541674	66476	82.1	10.313	810							
Dry Bulb	2715197	46463	57.2	8.351	812		.1	13.1	1.9			93
Wet Bulb	2427444	43850	54.1	8.139	810		.1	4.8	.3			93
Dew Point	2226592	41854	51.7	8.889	810		1.0	2.4	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
87/ 87								.1										1	1		
85/ 83					.1	.4	.4	.1										9	8		
83/ 81					.6	.4	.1	.1										10	10		
81/ 79			.1	.4	1.2	.6	.2	.2	.2									23	23		
79/ 77			.1	.4	1.5	1.3	.4	.5	.1									35	35		
77/ 75			.4	1.6	2.1	.5	.9	.7	.2									52	52	3	1
75/ 73			.5	1.7	1.3	1.5	1.2	.5	.4	.2								58	58	17	
73/ 71			1.5	1.8	2.6	1.2	1.6	.4	.2									76	76	21	7
71/ 69		.1	1.5	1.7	1.8	2.3	.9	.5		.1								73	73	38	20
69/ 67		.4	1.7	.9	2.2	2.2	1.6	.4		.2								78	78	59	30
67/ 65		.9	1.1	1.5	2.4	1.6	.5	.5										69	69	62	35
65/ 63		1.0	.4	2.3	1.5	1.0	.9	.5	.1									62	63	78	68
63/ 61	.1	1.0	1.7	.9	1.5	1.0	.7	.4	.1									60	60	63	56
61/ 59	.1	.9	.7	1.8	.7	.6	.4	.5										47	47	92	52
59/ 57		1.2	1.3	1.2	.9	.4	.1											42	42	84	50
57/ 55		1.6	.5	.4	1.3	.2	.1	.1										35	35	73	67
55/ 53	.2	.9	.7	.7	.6	.7												32	32	62	76
53/ 51	.1	.6	.2	.5	.5	.4												19	19	39	75
51/ 49		.5	.2	.6	.4	.1												15	15	44	64
49/ 47			.4	.2														5	5	26	41
47/ 45		.4	.5	.1	.1													9	9	15	31
45/ 43		.4	.5															7	7	22	29
43/ 41		.1																1	1	14	27
41/ 39																				4	33
39/ 37																				1	17
37/ 35																					9
35/ 33																					9
33/ 31																					13
31/ 29																					5
29/ 27																					1
27/ 23																					1
TOTAL	.6	9.8	14.1	18.7	23.1	16.4	9.7	5.5	1.5	.6									818		817
																		817		817	

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.	3744586	53936	66.0	15.012	817							
Dry Bulb	3602364	53844	65.8	8.436	818			47.1	21.3	3.0		93
Wet Bulb	2866333	47991	58.7	7.615	817			15.7	2.3			93
Dew Point	2410490	43714	53.5	9.364	817		2.3	6.6	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAY 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
/ 91										.1		.1						2	2		
/ 89								.4	.2	.1		.1						7	7		
/ 87							.5	.5	.5	.1								13	13		
/ 85					.1	.7	.2	.7	.2		.1	.1	.1					20	20		
/ 83				.1	.6	.6	1.1	.9	.2		.4	.2						34	34		
/ 81					.6	1.5	2.1	1.0	.5	.6	.2							53	53		
/ 79				.9	.4	3.0	1.2	.9	.9	.4	.2	.2						65	65		
/ 77				.1	1.4	1.6	1.6	1.5	.6	.4	.7							64	64	2	
/ 75				.6	2.5	1.0	1.6	1.6	1.2	.6								74	74	23	1
/ 73			.1	.6	1.1	.7	3.1	1.7	1.2	.5	.1							75	75	28	5
/ 71			.4	.5	1.1	1.5	3.2	1.5	1.4	.2								79	79	41	21
/ 69			.4	.9	1.2	2.1	1.4	1.4	1.2	.1								70	70	68	13
/ 67			.6	.7	.7	1.5	1.5	.9	.7									54	54	67	38
/ 65		.5	.6	.5	.6	.7	1.1	.5	.4									40	40	49	44
/ 63		.7	.1	.7	.6	.5	.6	.6	.1									33	33	83	63
/ 61		.2		.4	.4	.7	.4	.4	.1									21	21	86	58
/ 59	.1	1.1	.7	.1	.4	.2	.5	.2	.1									29	29	84	42
/ 57		.6	.2	.2	.5		1.1											22	22	71	49
/ 55	.4	.5	.6		.4	1.0												23	23	64	59
/ 53	.2	.4	.5	.2	.1	.1												13	13	41	81
/ 51		.1		.2	.2	.1												6	6	33	62
/ 49	.1	.1	.2	.2														6	6	21	49
/ 47			.1															1	1	14	51
/ 45	.2	.1	.4															6	6	25	34
/ 43		.4																3	3	7	28
/ 41																				6	35
/ 39																					27
/ 37																					13
/ 35																					15
/ 33																					12
/ 31																					8
/ 29																					4
/ 21																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAY 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 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	1.1	4.8	5.9	7.1	12.9	17.6	21.2	14.5	9.7	3.2	1.8	.9	.1					813	813	813
																			813	813

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2743388	45416	55.9	15.941	813							
Dry Bulb	4235628	58222	71.6	9.025	813			69.8	46.6	19.2		93
Wet Bulb	3101161	49829	61.3	7.618	813			26.2	6.1			93
Dew Point	2448262	43906	54.0	9.746	813		1.5	8.9	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74536 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) MAY (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				
/ 91										.7	.1	.1						8	8		
/ 89								.4	.7	.1	.2							12	12		
8/ 87						.1	.2	.2	.9	.1		.2	.2					17	17		
6/ 85					.1	.5	.2	.7	.4	.1	.1		.4					21	21		
4/ 83					.5	.9	1.7	.7	1.0	.6	.5	.5						52	52		
/ 81					.5	1.4	2.7	1.2	1.5	1.0		.2						69	69		
/ 79					.5	2.2	.6	1.5	1.4	.4		.1						54	54		
7 / 77			.1		1.1	1.8	2.2	2.0	2.3	1.1	.7	.2	.1					94	94	4	
6/ 75				.2	1.5	1.1	1.2	4.1	1.2	.2	.2	.1						81	81	17	1
4/ 73				.9	.7	.6	2.5	1.0	1.8	1.2	.2							73	74	41	3
/ 71			.5	.5	1.0	.5	1.8	.6	1.2	.2								52	52	35	13
/ 69			.6	.5	1.1	1.4	1.1	2.5	.9	.6								69	69	61	12
/ 67			.2	.6	.6	.7	1.4	.1	.2	.4								35	35	77	36
6/ 65		1.2	.6	.7	1.1	.2	.7	.6	.9									50	50	68	58
4/ 63	.1	.2	.1	.4	.4	.5	.6	.7	.2									27	27	89	68
2/ 61		.1	.4	.5		.2	.1	.7										17	17	104	46
/ 59		1.1	.5	.5	.1		.9	.2	.1									28	28	62	38
5/ 57		.7	.4	.2	.1	.1	.2											15	15	67	66
56/ 55		.2	.4		.2		.1											8	8	67	65
4/ 53		.2	.1	.2	.4		.2											10	11	30	63
2/ 51	.1	.4		.1	.2	.1												8	8	26	71
5 / 49		.4		.2														5	5	21	50
/ 47		.2	.2															4	4	23	47
4(/ 45	.4		.1															4	4	11	39
4/ 43																				6	26
2/ 41																				4	24
/ 39																					23
3 / 37																					18
/ 35																					16
3 / 33																					17
2/ 31																					7
/ 29																					3
/ 27																					2
24/ 23																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586	SALINA MAP KS	73-81	MAY
STATION	STATION NAME	YEARS	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					
TOTAL	.6	4.9	4.3	5.7	10.1	12.4	18.5	17.3	14.8	6.9	2.2	1.6	.7						813	815	813	813

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.	2504412	43782	53.0	16.514	813							
Dry Bulb	4435045	59677	73.2	8.956	815			72.8	55.0	23.2		93
Wet Bulb	3155016	50293	61.9	7.296	813			26.9	7.1			93
Dew Point	2437916	43818	53.9	9.692	813		1.5	7.4	.5			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AWS A4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAY 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
/ 89										.1								1	1		
8/ 87								.1										1	1		
8/ 85					.1	.4	.2	.1	.1				.1					9	9		
/ 83					.4	.2	.4	.4	.4			.1						15	15		
/ 81				.2	.2	.9	.6	.4		.4	.2							24	24		
/ 79				.2	1.	2.1	.5	.5	.4	.1	.1							40	40		
7/ 77				.5	1.4	1.1	1.1	1.8	.5	.1	.1							54	54	1	
6/ 75			.2	1.5	1.7	1.6	1.4	1.8	.5	.1								72	72	10	
76/ 73			.6	1.8	1.5	1.2	1.5	.9	.4	.1	.1							66	66	15	4
/ 71		.1	1.1	1.5	1.5	1.6	2.2	1.8	.5	.5								88	88	28	9
/ 69			1.2	1.7	2.2	2.8	.9	.5	.9									81	81	57	16
/ 67		.6	1.8	.5	1.7	1.4	1.7	.9	.4									73	73	64	36
6/ 65		.6	.7	1.6	2.1	1.1	1.2	.4	.4									66	66	66	60
64/ 63		.9	.9	1.1	1.2	1.1	1.2	.2	.2									56	56	91	42
/ 61		.2	.5	1.0	.6	.4	.5	.5										30	30	83	65
/ 59		2.1	1.1	.7	.5	1.0	.6	.1										50	50	84	49
/ 57		1.3	1.2	.5	.2	.2	.6											29	29	32	64
5/ 55		.2	.4	.4	.5													12	12	68	73
4/ 53		.2	.4	.1	.6													11	12	55	76
2/ 51		.1	.1	.5	.1	.1												8	8	28	66
5/ 49		.5	.5	.6		.1												14	14	21	49
/ 47		.1	.2	.1														4	4	25	40
4/ 45	.2	.4			.1													6	6	19	34
4/ 43		.1																1	1	11	33
2/ 41																				2	24
1/ 39																				1	29
3/ 37																					14
3/ 35																					11
3/ 33																					9
1/ 31																					3
/ 29																					4
/ 27																					1
TOTAL	.2	7.3	10.6	14.7	17.8	17.4	14.7	10.5	4.6	1.5	.6	.1	.1					811	812	811	811

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.	3294696	50063	61.7	15.896	811							
Dry Bulb	3908199	55941	68.9	8.180	812			60.0	32.3	7.6		93
Wet Bulb	3000778	48992	60.4	7.132	811			20.1	3.0			93
Dew Point	2465654	44100	54.4	9.136	811		.9	7.5	.5			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAY MONTH

 2100-2200 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		.1	.1												3	3		
7 / 77			.2	.9	.1	.2												12	12		
76 / 75		.1	.7	.6	.7	.2												20	20	1	
4 / 73			1.4	1.5		.7	.1	.1										31	32	6	2
/ 71			2.4	1.3	.6	.2	.1		.1									36	36	13	3
/ 69		.9	3.9	1.4	.7	.2	.2											59	59	27	12
/ 67		1.4	3.2	.6	1.6	.6	.1											61	61	42	29
6 / 65		1.7	2.6	2.5	2.1	.6	.1											78	78	57	42
4 / 63		1.7	2.1	3.0	2.0	.7	.1											78	78	66	5.
/ 61	.2	2.7	3.9	2.1	2.4	.4	.1											95	95	52	57
/ 59	.2	2.2	2.5	3.0	.9	.7												77	77	32	53
/ 57	.2	1.6	2.9	1.5	1.6	.1												64	64	93	67
5 / 55	.1	2.1	2.2	1.6	1.1	.2	.1											61	61	96	63
4 / 53		1.1	1.6	.9	.1	.1												31	31	74	75
2 / 51		1.0	1.1	1.0	.5	.2												31	31	50	65
/ 49	.1	1.0	.7	1.1	.2													26	26	50	73
/ 47		.9	1.2	.5														21	21	37	51
/ 45		.2	.9	.2														11	11	20	40
4 / 43		.1	.2	.1														4	4	31	30
2 / 41		.2		.2														4	4	9	29
/ 39																				4	27
/ 37																				3	13
/ 35																					12
3 / 33																					1
/ 31																					3
/ 29																					4
TOTAL	1.0	19.2	34.0	23.8	14.9	5.7	1.1	.1	.1									803	804	803	803

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.	4680176	60568	75.4	11.802	803							
Dry Bulb	3124826	49758	61.9	7.519	804			25.8	7.8			93
Wet Bulb	2672402	45948	57.2	7.343	803			10.3	.8			93
Dew Point	2379009	43167	53.8	8.539	803		.8	5.4	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | MAY MONTH

 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31									
/ 91										.1	.0	.0							10	10		
/ 89								.1	.1	.0	.0	.0							20	22		
8/ 87						.0	.1	.1	.2	.0		.0	.0						32	32		
6/ 85					.0	.2	.1	.2	.1	.0	.0	.0	.1						52	52		
4/ 83				.0	.2	.3	.5	.3	.2	.1	.1	.1							110	110		
/ 81				.0	.2	.5	.7	.3	.2	.2	.1	.0							156	156		
/ 79			.0	.2	.4	1.0	.3	.4	.4	.1	.0	.0							186	186		
7/ 77			.1	.2	.7	.8	.6	.7	.5	.2	.2	.0	.0						262	262	7.	
6/ 75		.1	.3	.6	1.1	.6	.7	1.1	.4	.1	.0	.0							318	318	54	3
4/ 73		.1	.6	1.0	.6	.6	1.0	.5	.5	.3	.1								333	335	112	16
/ 71		.1	1.1	.8	.9	.7	1.2	.5	.4	.1									372	372	156	39
/ 69		.4	1.8	1.0	.9	1.2	.6	.6	.4	.1									445	445	282	95
6/ 67		.8	1.6	.7	1.0	.9	.8	.3	.2	.1									405	405	368	198
6/ 65		1.5	1.7	1.4	1.2	.6	.5	.2	.2										471	472	411	314
4/ 63	.1	2.0	1.1	1.3	.9	.6	.4	.3	.1										432	433	545	401
2/ 61	.2	2.1	1.5	1.2	.9	.3	.2	.3	.0										432	432	580	439
/ 59	.3	2.2	1.5	1.2	.5	.4	.3	.1	.0										419	419	597	419
/ 57	.2	1.8	1.6	1.0	.6	.1	.3												358	358	564	468
5/ 55	.2	2.4	1.5	.9	.7	.2	.0	.0											385	385	575	473
4/ 53	.1	1.7	1.5	.7	.3	.1	.0												285	288	461	564
2/ 51	.1	1.6	1.0	.4	.3	.1													232	234	393	531
5/ 49	.2	1.2	.9	.5	.1	.0													189	189	363	461
/ 47	.1	1.2	.8	.3	.0														152	153	277	408
4/ 45	.1	1.3	.8	.2	.1														157	157	232	323
4/ 43	.0	.8	.4	.0															82	82	171	301
2/ 41		.6	.2	.1															56	56	125	253
4/ 39	.0	.5	.1																37	37	70	241
2/ 37	.0	.1	.1																15	15	43	150
3/ 35	.0	.1	.0																12	12	18	110
3/ 33		.1																	3	3	10	72
2/ 31		.0																	1	1	2	51
/ 29		.1																	1	1	1	35
2/ 27																					1	5
2/ 25																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74536 STATION | SALINA MAP KS STATION NAME | 73-81 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	TOTAL Dew Point
-20 / -23																				2
-16 / -19																				1
TAL	1.722	620	213	811	6	9.2	8.3	6.1	3.9	1.5	.6	.2	.1					6428		6418
																		6418	6418	

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.	33382337	449379	69.9	17.906	6418							
Dry Bulb	27136094	411828	64.1	10.593	6428		.2	312.6	171.2	53.7		744
Wet Bulb	21789258	370136	57.7	8.338	6418		.5	113.5	20.1			744
Dew Point	18572264	340188	53.0	9.178	6418		11.0	43.0	2.2			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-79,81 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
9/ 93						.1	.1	.1										3	3		
9/ 83						.3	.1		.3		.1							6	6		
/ 81				.3	.6	1.6	.9	.3										25	25		
/ 79			.7	.6	1.7	2.1	.1		.1									38	38		
7/ 77			1.7	2.3	.6	.7		.1	.1									34	34		
6/ 75		.1	1.3	2.1	1.9	.4	.4	.3										46	46	10	2
4/ 73		1.7	2.3	2.7	.4	1.0	.3	.1										55	55	32	17
/ 71		2.4	3.2	2.3	1.4	1.0	.4		.1									76	76	60	16
/ 69	.3	3.3	3.4	1.4	1.3	.4												71	71	86	69
9/ 67	.3	4.2	1.3	1.6	.9	.1												58	58	83	60
6/ 65	.1	3.3	2.7	1.4	.4		.1	.1										53	53	73	77
4/ 63	.1	3.7	2.3	1.1	.1	.4												50	50	75	77
/ 61	.3	4.0	1.6	1.0	.7	.3												55	55	59	60
/ 59	.3	3.7	1.6	1.6	.1													51	51	57	53
7/ 57	.1	1.4	2.3	.3	.1													30	30	52	68
5/ 55	.1	1.3	1.1	.3														20	20	32	52
3/ 53		1.3	.4	.4														15	15	41	30
1/ 51		1.1																8	8	23	40
9/ 49		.6																4	4	11	37
7/ 47																				4	13
5/ 45																					7
4/ 43																					5
2/ 41																					2
TOTAL	1.7	31.5	24.5	18.8	10.3	8.6	2.6	1.1	.7		.1								698		698
																		698		698	

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.	4439974	54958	78.7	12.720	698							
Dry Bulb	3282564	47570	68.2	7.630	698			53.1	26.7	6.6		90
Wet Bulb	2855051	44417	63.6	6.405	698			34.9	5.4			90
Dew Point	2626253	42547	61.0	6.857	698			22.8	1.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]6 | SALINA MAP KS | 73-81 | JUN
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31										
[illegible]							.1													1	1		
/ 79			.1	.1	.6	.6	.7													12	12		
7[illegible] / 77		.6	.3	1.1	2.5	.7	.3													39	39		
[illegible] / 75			2.2	1.8	.8	.8														41	41	5	2
4/ 73		.6	2.5	2.4	1.1	.1	.3													50	50	15	3
/ 71	.1	3.[illegible]	2.8	1.3	1.4	.1	.4													66	66	37	22
/ 69	.3	5.0	3.2	1.2	.1	.4	.1													75	75	88	43
/ 67	.3	5.5	2.1	2.2	.6	.3														79	79	82	84
6/ 65	.6	4.0	.7	1.4	.6															52	52	93	82
4/ 63	.1	5.9	2.5	.4	.1	.4														69	69	72	77
/ 61	.4	4.1	1.5	.8		.1														51	51	69	67
/ 59		4.6	.8	1.2	.3	.1														51	52	56	53
/ 57	.4	2.2	1.7	.7	.1	.1														38	39	54	67
5 / 55	.6	3.3	1.7																	40	40	35	42
4/ 53		1.7	.6																	16	16	41	40
/ 51		2.2	.6	.3																22	22	27	32
[illegible] / 49	.3	1.4																		12	12	27	41
4 / 47	.1	1.1																		9	9	16	27
[illegible] / 45																						6	13
4/ 43																							8
[illegible] / 41																							3
[illegible] / 39																							1
TOTAL	.245	.223	.114	.9	8.2	3.9	1.5														725		723
																				723		723	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]88378	60102	83.1	11.295	723							
Dry Bulb	3165454	47597	65.6	7.578	725			45.1	17.8	.6		90
Wet Bulb	2835514	45018	62.3	6.702	723			28.3	2.5			90
Dew Point	2656269	43523	60.2	7.089	723			18.9	.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.4586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUN 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
/ 89												.1						1	1		
6/ 85								.1				.1						2	2		
4/ 83				.3		.4	.1	.1										7	7		
/ 81			.1		.3	.4	.9	.1			.1							15	15		
/ 79			.1	.9	.6	.8	.1											20	20		
7 / 77		.1	.4	1.8	2.3	.6	.5		.1									46	46	3	
6/ 75			1.8	2.5	1.8	1.0	.8	.4										65	65	3	4
4/ 73		.8	2.8	1.5	.6	1.1	.3	.3	.1	.1								60	60	23	2
/ 71	.1	2.3	3.1	3.3	1.5	.9	.8											95	95	57	20
/ 69	.4	4.1	1.9	1.6	2.0	1.0	.3	.1										91	91	97	65
/ 67	.3	3.9	4.4	.8	1.4	.6												90	90	97	87
6/ 65	.5	3.6	2.3	1.5	.8													69	69	97	99
4/ 63	.3	3.3	1.8	.9	.4	.5	.1											57	57	100	68
/ 61	.1	3.1	1.3	1.1	.4	.1												49	49	80	105
/ 59	.4	2.5	1.6	.6	.3													43	43	76	66
/ 57		1.8	1.8	1.0	.1													37	37	50	72
5/ 55	.1	1.4	1.4	.1	.3													26	26	34	43
4/ 53		.6	.6															10	10	37	59
/ 51		1.1		.1														10	10	22	32
3 / 49	.1	.3																3	3	16	34
/ 47		.3																2	2	4	25
1/ 45																				2	9
1/ 43																					5
2/ 41																					3
TOTAL	2.3	29.1	25.2	17.9	12.5	7.4	3.8	1.1	.3	.1	.1	.3						798	798	798	798

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.	5042358	62542	78.4	13.288	798			55.5	24.4	3.2		90
Dry Bulb	3734078	54292	68.0	7.112	798			31.6	3.3			90
Wet Bulb	3238220	50606	63.4	6.031	798			20.1	.7			90
Dew Point	2974338	48422	60.7	6.733	798							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 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
110/113																	.1	1	1		
108/111																	.1	1	1		
106/109																.1		1	1		
104/107												.1	.1			.1		3	3		
102/105									.3	.1		.3			.1			6	6		
100/103									.1		.4	.1						5	5		
98/101							.3	.1	.5	.4	.4	.3		.1				16	16		
96/ 99						.1	.1	.9	.8	.9	.3							24	24		
94/ 97						.1	1.4	1.0	.3	.3	.5				.1			29	29		
92/ 95						1.5	1.9	2.2	.9	.6	.1	.1	.3					60	60		
90/ 93					.3	2.4	2.4	.9	.8	.5	.1							58	58		
88/ 91					2.2	2.5	2.4	.6	.9	.8	.4							77	77	1	
86/ 89				.1	1.0	1.5	2.4	1.7	1.3	1.0	.8							77	77	4	
84/ 87				.3	1.8	2.7	1.7	1.1	1.3	.8		.1						76	76	8	1
82/ 85			1.0	2.2	1.3	2.0	1.1	1.3	.6	.1	.1							77	77	45	3
80/ 83		.3	.8	2.4	2.0	1.4	.6	1.1	.3									70	70	109	10
78/ 81		.8	1.4	1.9	.9	.8	1.3	.3		.3								59	59	104	43
76/ 79		1.1	1.0	.4	1.1	.8	.1	.5										40	40	96	84
74/ 77		.1	1.4	1.0	.5	.5	.8	.3										36	36	105	101
72/ 75		.6	.6	.4	.4	.3	.4											21	22	84	90
70/ 73		.6	.4	.8	.6	.3												21	21	71	87
68/ 71		.8	.1	.6	.1	.1												14	14	58	77
66/ 69	.1	.3	.5	.3	.1													10	10	40	49
64/ 67		.3	.3															4	4	25	52
62/ 65																				22	41
60/ 63																				13	50
58/ 61																				1	38
56/ 59																					24
54/ 57																					13
52/ 55																					12
50/ 53																					4
48/ 51																					3
46/ 49																					3
44/ 47																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14586	SALINA MAP KS	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL 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	4.8	7.9	12.7	13.7	16.9	15.6	11.7	7.1	4.7	2.4	.9	.4	.1	.3	.3	.3		786	787	786	786

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_1	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3259395	47521	60.5	15.406	786							
Dry Bulb	4760428	60900	77.4	7.801	787			81.9	66.4	36.8	1.9	90
Wet Bulb	3595082	52974	67.4	5.620	786			54.0	19.1	.5		90
Dew Point	3035471	48521	61.7	7.156	786			27.7	1.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
112/111																	.1	1	1		
1 /107																	.4	3	3		
1 /105																	.1	1	1		
1 /103																.1	.4	4	4		
2/101											.1	.1		.3				4	4		
2/ 99										.3	.4	.1	.5	.5	.1	.1		16	16		
6/ 97										.1	.1	.5	.8	.8	.1	.1		20	20		
6/ 95										1.1	1.0	1.5	.1	.6	.1			36	36		
4/ 93									.8	.8	1.9	.3	.4	.3				34	34		
/ 91								.3	2.3	2.2	1.1	1.0	.1					55	55		
/ 89								1.1	1.4	1.0	1.3	.5	.4	.3				47	47		
8/ 87						.1	2.2	2.8	2.3	.6	1.3	.5	.3	.1				80	80		
6/ 85				.1		2.3	1.3	1.1	1.5	1.3	.8	.4	.4					72	72		
4/ 83					.6	1.8	1.5	2.0	1.0	.8	1.0	.6		.1				75	75		
/ 81				.3	1.9	1.1	1.5	1.1	1.3	1.5	.4	.1	.3					75	75	4	
/ 79			.1	.6	1.0	1.7	.9	.6	2.0	1.3	.3	.1						68	68	10	
7 / 77			.4	.4	1.4	1.0	1.9	.5	.9	.3	.4							56	56	29	1
76/ 75			.1	.1	1.1	1.3		1.1	1.0	.3	.3							42	42	106	1
74/ 73			.5	.4	.1	.5	.8	.4	.5		.1							26	26	143	15
/ 71			.4	.5	.4	.1	.6	.1	.1									18	18	82	59
/ 69		.1	.5	.4	.3		.1	.3	.3									15	17	95	77
/ 67		.4	.5	.1	.5	.4	.1											16	16	85	91
6/ 65		.1			.1													2	2	65	85
4/ 63		.3		.4	.5													9	9	65	62
/ 61		.3	.3															4	4	37	62
/ 59		.3	.3															4	4	27	53
58/ 57		.4																3	3	26	49
56/ 55																				10	39
54/ 53																				2	47
52/ 51																					47
5 / 49																					31
4 / 47																					16
48/ 45																					16
44/ 43																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUN 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
4 / 39																					7
3 / 37																					2
2 / 35																					1
TOTAL		1.3	3.1	3.3	8.0	10.3	10.9	11.6	15.4	11.5	10.4	5.9	3.2	2.9	.4	.4	1.2		788		786
																		786		786	

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.	2383798	38622	49.1	15.393	786							
Dry Bulb	5589189	66017	83.8	8.616	788			87.5	81.7	63.3	13.6	90
Wet Bulb	3803276	54498	69.3	5.599	786			63.4	33.4	.7		90
Dew Point	3011133	48269	61.4	7.729	786			27.9	1.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
112/111																	.4	3	3		
1 /109																	.4	3	3		
1 /105													.3				.4	5	5		
1 /103												.1	.1	.4	.1	.5	.3	12	12		
1 2/101											.1	.4	.3	.5	.3	.5	.1	17	17		
1 0/ 99											.5	.4	1.0	.6	.5	.9	.4	34	34		
8/ 97										.4	.1	.8	2.1	.6		.1		33	33		
6/ 95										.4	1.4	1.6	1.1	.5	.1			41	41		
4/ 93									.6	1.5	1.3	.4	.8	.4				39	39		
2/ 91								.6	.8	1.6	.9	.6	.5	.3	.3			44	44		
/ 89							.4	2.4	2.8	1.5	.9	1.4	.5	.4				81	81		
6/ 87						.1	1.4	.9	1.5	1.1	1.5	1.1	.3					63	63		
6/ 85					.3	1.9	1.0	1.1	1.3	.4	1.4	1.5	.1					71	71		
/ 83					.5	2.1	.9	1.8	.5	1.6	1.4	.6						75	75		
/ 81				.1	.8	1.1	.9	1.9	1.1	1.5	.4	.4	.3					67	67	5	
/ 79				1.1	1.5	1.6	.9	1.6	1.1	1.4	.9	.4						84	84	14	
7/ 77				.4	.3	.3	.6	.1	.5	.4	.8							26	26	37	
6/ 75		.1		.3	.6	1.0	.5	.3	.6	.4								30	30	114	2
4/ 73			.4		.1	.3	.1	.4		.1	.1							12	12	148	21
/ 71		.1		.4	.3	.1		.8	.1									14	14	96	54
/ 69			.1		.1		.3											4	4	90	61
/ 67		.1	.1	.1	.1	.6	.1											10	10	76	66
6/ 65		.6	.1	.1		.1												8	8	82	84
4/ 63		.3		.1														3	3	51	65
2/ 61		.4	.1	.3														6	6	31	77
/ 59	.1	.4																4	4	27	69
/ 57		.4																3	3	25	38
/ 55																				5	49
4/ 53																				1	45
2/ 51																					48
/ 49																					40
/ 47																					19
/ 45																					17
44/ 43																					8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOL.

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?45?86 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUN MONTH

PAGE ? | 15?0-17?0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2 / 41																				2
4 / 39																				4
7 / 37																				2
7 / 35																				1
TOTAL	.1	2.4	.9	2.9	4.5	9.3	7.1	11.9	11.0	12.4	11.6	9.7	7.3	3.7	1.3	2.0	1.9	792	792	792	792

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.	1537941	35949	45.4	16.146	792							
Dry Bulb	5937686	68192	86.1	9.154	792			87.3	84.1	72.0	21.3	90
Wet Bulb	3882202	55276	69.8	5.546	792			64.8	36.1	1.6		90
Dew Point	2986535	48239	60.9	7.822	792			25.5	2.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
11 /119																	.1		1	1		
1 /117																	.1		1	1		
1 /115																	.1		1	1		
1 /113												.1				.1	.1		3	3		
2/111											.1	.1			.1	.3	.1		6	6		
1 0/ 99											.3		.1	.1	.1	.3	.3		9	9		
8/ 97										.4	.5	.5	.5	.5	.1	.3			22	22		
9 6/ 95									.3	.3	.1	1.1	.5		.1				19	19		
4/ 93								.3	.6	.1	.9	.4	.3	.1		.1			22	22		
/ 91								.3	1.0	1.3	1.4	.3	.4	.3					38	38		
/ 89							.8	.9	1.0	1.0	.6	.4	.4	.1					41	41		
8/ 87						.6	1.5	2.1	2.5	.8	.9	.4	.1						71	71		
6/ 85					.3	1.3	1.8	2.5	1.3	.6	1.5	.4							76	76		
4/ 83		.1		.1	.5	1.8	1.3	.6	.8	1.0	.8	.3	.1						58	58		
2/ 81				.4	1.0	2.8	1.3	.9	1.0	.8	.3	.3							68	68	7	
/ 79			.3	.8	2.0	1.9	1.1	1.4	1.0	1.3	.4	.4							83	83	9	1
7 / 77			.3	.9	2.0	1.1	1.1	1.3	.9	.5	.3								66	66	30	1
6/ 75			.3	1.3	1.1	1.9	.8	1.1	.6	.5									60	60	66	7
4/ 73		.3	.5	.5	.8	1.4	.9	.5	.3	.1	.1								42	42	130	21
2/ 71		.5	.4	.8	.6	.3	.6	.1	.1		.1								28	28	119	50
/ 69		.5	.5	.5	.3	.6	.5		.1										24	24	74	77
0/ 67		1.3	.3	.8	.3	.5	.3												26	26	90	90
6/ 65		.1	.1		.4	.1													6	6	87	83
4/ 63		.3	.6	.1	.3														10	10	65	78
2/ 61		.3	.1																3	3	49	75
/ 59		.5	.4	.1															8	8	28	56
0/ 57		.4																	3	3	29	48
58/ 55		.1																	1	1	9	38
4/ 53																					4	59
2/ 51																						46
5 / 49																						25
8/ 47																						17
46/ 45																						10
44/ 43																						4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUN 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
2/ 41																					4
1/ 39																					2
1/ 37																					2
1/ 35																					2
TOTAL	4.3	3.6	6.2	9.4	14.2	11.8	11.9	11.4	8.5	8.2	4.5	2.4	1.1	.5	1.0	.9		796			796
																		796		796	

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.	2476153	42297	53.1	16.958	796							
Dry Bulb	5378403	65055	81.7	8.805	796			86.5	77.7	54.5	9.5	90
Wet Bulb	3790829	54751	68.8	5.598	796			59.4	27.4	1.1		90
Dew Point	3065202	49024	61.6	7.6.0	796			27.9	3.4	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUN MONTH

PAGE 1 | 2100-2300 HOURS L.S.T.

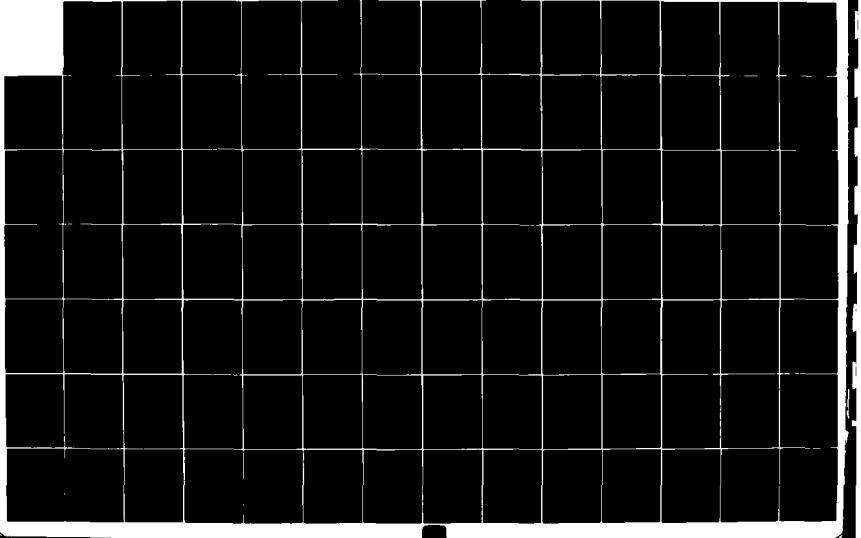
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
≥/ 97															.1			1	1			
96/ 95														.1				1	1			
≥/ 93												.1		.1				2	2			
≥/ 91							.7	.1		.1	.1							5	5			
≥/ 89						.3	.1		.3			.1	.1					7	7			
86/ 87							.4	.4	.3	.4	.3	.1	.1					15	15			
66/ 85						.5	.4	1.1	.5	.3		.1						22	22			
44/ 83					.9	.7	2.1	.8	.3	.1	.3	.1						42	42			
≥/ 81				.5	1.7	1.3	1.6	.5										43	43			
≥/ 79			.1	1.7	1.7	1.7	.3	.4										45	45	4		
77/ 77		.1	1.2	2.9	1.3	1.2	.9	.6	.5									68	69	4	1	
66/ 75			2.1	4.1	1.4	1.8	.7	.5	.1									82	82	26	3	
54/ 73	.3	.7	3.4	2.8	1.2	1.2	1.2	.1										82	82	74	20	
≥/ 71		1.1	2.3	1.7	2.2	.7	1.4											69	69	92	44	
≥/ 69		.8	1.7	1.2	2.4	1.3	.3											58	58	107	73	
≥/ 67	.3	2.3	2.5	1.6	1.3	1.7	.5											75	75	78	100	
66/ 65	.3	1.1	1.8	1.2	1.7	.5	.1											51	51	96	79	
44/ 63		.9	.9	.7	.8	.1												26	26	72	69	
≥/ 61	.3	1.3	.8	1.2	.3													29	29	71	72	
≥/ 59		.7	.4	.8	.1													15	15	56	52	
≥/ 57	.1	.7	.4	.4	.1													13	13	37	72	
56/ 55		.8	.1															7	8	34	41	
44/ 53		.4																3	3	14	52	
≥/ 51																				3	44	
≥/ 49																				1	27	
≥/ 47																					6	
≥/ 45																					2	
42/ 43																					1	
≥/ 41																					1	
TOTAL	1.2	11.4	17.5	20.7	17.3	13.0	10.3	4.7	2.0	.9	.7	.7	.3	.3	.1			761				759
																		759		759		

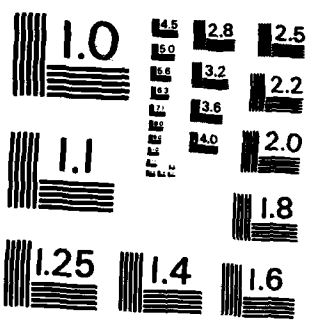
Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3837244	52776	69.5	14.867	759							
Dry Bulb	4122363	55709	73.2	7.668	761			72.9	49.[illegible]	18.4	.5	9[illegible]
Wet Bulb	3342044	50172	66.1	5.804	759			45.7	12.8	.4		9[illegible]
Dew Point	2952818	47064	62.[illegible]	6.744	759			28.6	2.8			9[illegible]

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

AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82

UNCLASSIFIED USAFETAC/DS-82/088 SBI-AD-E000 213 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 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					
112/111																	.1		4	4		
11 /102																	.1		4	4		
1 /107																	.1		4	4		
1 /105													.0				.1		7	7		
1 /103												.0	.0	.0	.0	.1	.1		20	20		
1 2/101											.0	.1	.0	.1	.0	.1	.0		28	28		
1 0/ 99										.0	.1	.1	.2	.2	.1	.2	.1		60	60		
9 / 97										.1	.1	.2	.5	.2	.0	.1			79	79		
8 / 95									.1	.2	.3	.6	.2	.2	.1				103	103		
7 / 93								.0	.3	.3	.6	.2	.2	.1		.0			102	102		
/ 91							.1	.2	.6	.7	.5	.3	.1	.1	.0				158	158		
/ 89						.0	.2	.7	.8	.6	.4	.3	.2	.1					201	201		
8/ 87						.1	.9	.9	.9	.4	.6	.3	.1	.0	.0				258	258		
6/ 85				.0	.1	1.0	.8	1.1	.7	.4	.5	.3	.1						306	306		
4/ 83		.0		.0	.4	1.2	1.1	.8	.5	.5	.5	.2	.0	.0					320	320		
/ 81			.0	.2	1.1	1.4	1.2	.7	.6	.6	.2	.1	.1						370	370	17	
/ 79			.2	.9	1.3	1.6	.7	.7	.7	.6	.2	.1							427	427	41	1
7 / 77		.1	.5	1.4	1.6	.9	.8	.5	.5	.1	.2								411	412	111	4
6/ 75		.0	1.1	1.8	1.3	1.3	.5	.6	.4	.2	.0								443	443	375	24
4/ 73	.0	.5	1.6	1.5	.8	.9	.6	.4	.1	.0	.0								397	397	674	102
2/ 71	.0	1.2	1.6	1.5	1.1	.5	.7	.2	.1	.0	.0								425	425	637	306
/ 69	.1	1.8	1.5	.8	.9	.6	.2	.1	.0										378	380	733	569
68/ 67	.1	2.1	1.6	1.0	.7	.6	.2	.0											390	390	696	699
6/ 65	.2	1.6	.9	.7	.5	.1	.1	.0											262	263	667	679
4/ 63	.1	1.8	1.0	.6	.4	.2	.0												245	245	571	603
/ 61	.1	1.7	.7	.6	.2	.1													211	211	454	615
/ 59	.1	1.5	.7	.6	.1	.0													186	187	367	451
5 / 57	.1	.9	.8	.3	.1	.0													131	132	298	466
5 / 55	.1	.8	.5	.0	.0														94	95	181	345
4/ 53		.5	.2	.0															44	44	153	382
2/ 51		.5	.1	.0															40	40	76	325
5 / 49	.1	.3																	19	19	55	259
4 / 47	.0	.2																	11	11	24	136
4 / 45																					8	86

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?4536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUN 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				
4/ 43																					40
2/ 41																					18
1 / 39																					16
1 / 37																					8
1/ 35																					4
TOTAL	1.2	15.7	12.9	12.3	10.5	10.5	8.1	6.9	6.1	4.9	4.3	2.8	1.7	1.0	.7	.5	.5		6145		6138
																		6138		6138	

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.	27865171	394767	64.3	20.085	6138							
Dry Bulb	35970665	465325	75.7	10.932	6145			573.9	433.9	261.5	48.2	720
Wet Bulb	27342238	407712	66.4	6.512	6138			385.2	142.9	4.3		720
Dew Point	23308319	375609	61.2	7.255	6138			200.0	15.4	.1		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 3 4 5 9 6 STATION | SALINA MAP KS STATION NAME | 73-79,81 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 89										.1		.1						2	2		
8/ 87							.1	.1	.1	.1								4	4		
6/ 85					.1	.3	1.4	.1	.3									16	16		
4/ 83				.1	.8	1.4	.3	1.4	1.1	.1								38	38		
/ 81			.3	.4	1.8	2.6	1.7	2.3	1.1									74	74		
/ 79			.4	1.5	3.2	3.0	1.8	1.5	.6									86	86	1	
7 / 77		.1	1.4	2.9	4.1	1.0	1.7											81	81	4	2
6/ 75		.6	1.7	4.1	2.3	.8	.8	.3										77	77	23	3
4/ 73	.1	1.2	4.7	3.3	1.2	1.1	.1											86	86	83	16
/ 71	.3	3.4	3.2	1.7	.6	.8	.1											73	73	99	49
/ 69	.6	2.9	3.7	1.2	1.2	.4	.1											74	74	166	125
/ 67		2.9	2.1	1.2	.6	.1												50	50	142	120
6/ 65	.1	1.7	1.7	.1	.4	.3												31	31	82	92
4/ 63	.1	1.1	1.1	.4														20	20	59	84
2/ 61		.4	.7		.3													10	10	31	85
/ 59		.1			.1													2	2	18	66
/ 57					.1													1	1	12	42
/ 55																				1	22
4/ 53				.1														1	1	2	7
2/ 51																				1	6
/ 49																				2	2
/ 47																					2
4/ 45																					2
2/ 43																					1
TOTAL	1.2	14.5	27.9	17.2	16.8	11.8	8.1	5.8	3.2	.4		.1						726		726	
																		726		726	

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.	3960742	52582	72.4	14.498	726							
Dry Bulb	4079205	54251	74.7	5.902	726			84.7	59.4	23.3		93
Wet Bulb	3387915	49501	68.2	4.198	726			66.4	14.2			93
Dew Point	3060995	46995	64.7	5.112	726			40.4	2.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUL MONTH

 2300-2500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
87										.3									2	2		
85								.1	.3	.1									4	4		
83						.1	.3	.5											7	7		
81			.1	.1	1.3	.8	.5	.5	.3										28	28		
79		.1		1.5	2.5	1.2	.7	.7											50	50		
77		.4	.8	3.2	2.1	2.6	2.2	.4	.1										90	90	2	2
75		1.3	3.7	3.4	2.5	1.8	.4	.3	.1										98	98	5	1
73		2.0	2.1	4.2	.8	1.1													77	77	66	12
71	.3	4.9	4.2	2.1	.5	.7	.1												97	99	89	51
69	.8	6.5	4.4	1.5	1.5														110	110	133	102
67	.5	3.8	2.6	1.3	.3	.3													67	67	179	120
65	.3	3.8	1.6	.8	.7														54	54	102	132
63	.4	2.2	1.3	.8	.3														38	38	71	94
61	.1	1.8	.5	.1	.1														21	21	50	84
59		.7	.3	.1															8	8	31	63
57		.1		.1															2	2	18	51
55		.3																	2	2	6	17
53																					3	13
51			.4																3	3		10
49																					1	2
47																					2	1
45																						2
43																						1
TOTAL	2.4	28.0	21.4	19.3	12.5	8.6	4.2	2.5	.8	.4									758	760	758	758

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.	4745123	59197	78.0	13.485	758							
Dry Bulb	3969114	54754	72.2	5.667	760			77.3	43.6	7.3		93
Wet Bulb	3425872	50854	67.1	4.315	758			58.2	9.0			93
Dew Point	3163803	48825	64.4	4.989	758			35.3	1.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION — SALINA MAP KS STATION NAME — 73-81 YEARS — JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 91								.1										1	1		
89							.1		.1	.1	.5							7	7		
87							.1	.1	.6	.1								8	8		
85						.6	.1	.2	.4									11	11		
83					.2	1.1	1.3	1.6	.5									39	39		
81				.1	1.8	1.8	1.3	.4	.1	.1								47	47		
79			.1	1.7	4.0	3.6	.7	.2	.1									86	86		
77			2.1	2.9	3.1	2.2	.6	.2										91	91	2	
75		.9	3.9	3.6	2.9	1.6	.4	.2										110	110	17	
73		2.6	2.8	3.2	.9	1.6	.4											93	93	106	16
71	.2	3.9	3.9	1.6	1.0	.5	.1											92	92	144	78
69	.9	2.9	3.1	2.2	1.3	.2												87	87	166	133
67	.1	4.4	1.5	1.0	.1	.2												63	61	135	123
65	.1	1.5	1.1	1.3		.1												34	35	94	145
63	.1	2.0	.6	.4														25	25	65	102
61		1.3	.4	.1														15	15	42	76
59		.4		.2														5	5	30	59
57		.1	.1	.1														3	3	7	45
55		.1																1	1	5	19
53																				2	9
51			.1															1	1		7
49																					2
47																				1	1
≤ 45																					1
TOTAL	1.	20.	19.	7	18.	5	15.	4	13.6	5.3	3.2	1.8	.4	.5				816		818	816

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.	4717445	61917	74.8	13.784	816							
Dry Bulb	4518861	60593	74.1	6.116	818			83.3	56.1	17.4		93
Wet Bulb	3809653	55649	68.2	4.224	816			65.0	14.2			93
Dew Point	3479105	53141	65.1	4.747	816			39.9	1.8			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (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					
1 /103											.1								1	1		
1 2/101										.1	.1	.1		.5					7	7		
1 /99												.1		.2	.1				4	4		
/97									.1	.1	.4	.6	.4	.5	.1				18	18		
/95									.2	.2	.7	.7	.4	.1					20	20		
/93								.2	.9	1.2	2.3	1.1	.2	.1					50	50		
/91							.4	1.0	1.5	1.9	.7		.1	.1					46	46		
/89						.1	.7	2.7	2.2	1.9	1.0	.1	.1						72	72		
8/ 87					.1	.5	2.8	4.0	2.8	1.0	.4	.5							98	98		
6/ 85				.1	.5	3.3	2.2	2.3	1.1	.6	.4								86	86		
4/ 83				.7	1.5	2.7	2.5	2.8	.2	.1	.1								87	88	2	
/81			.2	1.5	2.3	2.1	2.0	.5	.2	.2	.1								75	75	4	
/79		.1	.5	2.2	1.4	1.1	.4	.9	.1	.1									55	55	12	
7 /77		.1	.7	1.6	1.2	1.4	1.0	.1	.1										51	51	58	9
6/ 75		.9	.5	1.1	1.5	1.2	.1	.2											45	45	165	11
4/ 73		.4	1.0	1.1	.4	.7	.1	.1											31	31	212	59
2/ 71		.4	1.1	.2	.4		.1												18	18	112	93
/69		.4	1.0	.4															14	14	92	137
6/ 67		1.1	.6	.5															18	18	58	124
6/ 65		.4	.6																8	8	52	113
4/ 63		.4	.1																4	4	27	91
/61		.2																	2	2	15	66
/59																					1	48
/57																						28
5/ 55																						11
4/ 53																						10
2/ 51																						8
1/ 49																						1
/47																						1
TOTAL		4.3	6.4	9.5	9.3	13.2	12.3	14.9	9.6	7.5	6.4	3.3	1.2	1.6	.2					811		810
																			810		810	

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.	2919408	46898	57.9	15.882	810							
Dry Bulb	5741756	67964	83.8	7.551	811			91.4	85.7	68.0	11.5	93
Wet Bulb	4218784	58366	72.1	4.027	810			82.1	52.0	1.5		93
Dew Point	3591353	53777	66.4	5.098	810			49.7	9.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
11 /109														.1			.1	2	2		
1 /107													.1	.1		.2	.5	8	8		
1 /105												.1	.5	.1	.4	1.0	.7	23	24		
1 /103											.5	.2	.2	.1	.7	.2	.1	18	18		
1 2/101											.2	.2	.7	1.6	.4	.5		30	30		
1 0/ 99									.1	.1	.9	1.2	1.7	1.6	1.1			55	55		
9 8/ 97									.2	.9	1.2	2.0	2.1	1.8		.4		70	70		
9 6/ 95								.2	.7	2.3	1.0	3.3	1.5	.4	.2			79	79		
9 4/ 93							.4	.6	1.3	1.3	2.6	2.2	.5	.2	.1			76	76		
9 2/ 91							.5	1.3	2.6	3.2	2.2	.5	.1	.2				87	87		
9 0/ 89						.2	1.6	2.0	2.1	1.5	1.0							68	68		
8 8/ 87						1.5	2.3	1.6	.5	.6	.1	.1						55	55		
8 6/ 85				.1	.1	.4	1.8	1.1	1.3	1.3	1.0	.4						62	62	1	
8 4/ 83					.5	1.3	1.6	.4	.5	.6	.4	.1						44	44	8	
8 2/ 81				.1	.4	.7	.6	.6	.5	.6	.2							31	31	26	
8 0/ 79					.6	.4	1.0	.6	.5	.2			.1					28	28	48	1
7 8/ 77				.5	.9	.9	.1	.2	.1	.1	.1							24	24	124	18
7 6/ 75				.7	.7	.6	.1	.4										21	21	167	29
7 4/ 73		.1	.5	.5	.2													11	11	177	59
7 2/ 71		.1	.2	.4	.2	.1												9	9	116	89
7 0/ 69		.1	.2	.4														6	6	58	102
6 8/ 67	.1	.1	.1	.1														4	4	45	87
6 6/ 65		.6	.2															7	7	28	103
6 4/ 63																				15	108
6 2/ 61																				3	86
6 0/ 59																				2	55
5 8/ 57																					42
5 6/ 55																					15
5 4/ 53																					7
5 2/ 51																					9
5 0/ 49																					6
4 8/ 47																					1
4 2/ 41																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 JUL
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				
TOTAL	.1	1.1	2.8	4.5	4.8	7.1	8.1	8.7	10.5	11.6	10.1	10.0	7.5	6.4	2.9	2.3	1.5	818	819	818	818

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.	2012684	38406	47.0	16.013	818							
Dry Bulb	6766422	74112	90.5	8.562	819			92.2	90.0	82.3	41.1	93
Wet Bulb	4471278	60384	73.8	4.108	818			87.5	62.6	6.7		93
Dew Point	3587714	53966	66.0	5.792	818			43.8	12.2	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7245 36 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) JUL (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					
112/111																	.1	1	1			
11 /109														.5		.4	.5	11	11			
1 /107															.1	.8	1.6	21	21			
1 /105											.1	.1	.1	.1	.8	.6	.7	22	22			
1 /103											.1	.2	.5	1.0	1.5	1.0	.5	39	39			
1 2/101									.1	.4		.6	.8	2.3	1.3	.5	.1	51	51			
1 0/ 99									.1	.1	.5	1.6	2.4	2.1	1.6	.8		76	76			
9 8/ 97									.4	.2	1.2	1.8	3.2	1.9	.4	.4		78	78			
9 6/ 95								.2	.6	1.3	1.7	1.7	1.8	.8	.1	.1		70	70			
9 4/ 93							.2	.7	1.8	2.4	2.8	2.5	.6		.2			94	94			
9 2/ 91							.7	.8	1.7	2.7	1.2	.4	.1					63	63			
9 0/ 89						.4	.8	1.3	1.9	.8	.2	.5						50	50			
8 8/ 87						.5	1.8	1.0	1.1	.4	1.2	.2	.1	.1				53	53			
8 6/ 85					.5	1.8	.6	1.0	.6	.5	.4	.1	.1					46	46	4		
8 4/ 83				.2	.7	1.0	.5	.8	.8		.2	.1						37	37	9		
8 2/ 81			.2	.2	1.0	.6	.1	.4	.5		.4							28	28	17		
8 0/ 79			.1	1.1	.5	1.5	.5	.1	.2		.2							35	35	50	4	
7 8/ 77			.2	.7	.5	.2	.2											16	16	139	13	
7 6/ 75				.6	.2	.1												8	8	181	22	
7 4/ 73		.1	.1	.4	.1													6	6	168	53	
7 2/ 71		.2	.5	.5														10	10	111	69	
7 0/ 69			.1	.2														3	3	68	98	
6 8/ 67		.1	.2															3	3	40	90	
6 6/ 65	.1	.4																4	4	23	103	
6 4/ 63																				7	105	
6 2/ 61																				6	88	
6 0/ 59																				2	67	
5 8/ 57																					48	
5 6/ 55																					20	
5 4/ 53																					13	
5 2/ 51																					12	
5 0/ 49																					7	
4 8/ 47																					7	
4 6/ 45																					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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUL 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				
4/ 43																					2
TOTAL	.1	.8	1.6	4.0	3.5	6.1	5.6	6.4	9.9	8.8	10.3	9.9	9.8	8.8	6.1	4.6	3.5		825		825
																		525		825	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1741412	35442	43.0	16.296	825							
Dry Bulb	7134753	76384	92.6	8.717	825			92.5	90.7	84.9	52.2	93
Wet Bulb	4526641	61021	74.0	4.007	825			88.7	64.3	5.0		93
Dew Point	3520767	53647	65.0	6.259	825			39.3	10.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724566 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUL MONTH

PAGE 1 | 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 /107														.1	.1		.4	5	5			
1 /105													.1		.5	.5	.6	14	14			
1 /103															.9	.6	.1	13	14			
1 2/101											.1	.1	.5	.9	.9			20	20			
1 2/ 99									.1		.1	.1	.2	1.0	.7	.4		22	22			
5/ 97										.4	.7	.9	2.0	1.7	.7	.1		53	53			
6/ 95								.1	.4	1.6	1.4	.5	2.1	.9	.4	.1		60	60			
6/ 93							.5	.2	1.2	1.4	2.7	1.1	1.5	.1				71	71			
/ 91					.1	.1	.4	1.0	1.5	1.8	2.7	1.4	.2	.2	.1			78	78			
/ 89						.6	.6	2.7	2.8	1.6	1.6	.6	.2					88	88			
8/ 87						.2	1.4	1.8	1.1	1.2	1.0	.1						56	56			
6/ 85					.5	2.8	.9	1.4	1.5	1.0	.1	.6						71	71			
4/ 83				.1	1.0	.7	.7	1.5	.7	.5								43	43	3		
/ 81				.2	1.7	1.2	.7	1.0	.5	.4	.1							48	48	10	1	
/ 79			.1	.7	1.5	1.6	.6	.2	.2		.2							43	43	25	2	
7/ 77		.4	.5	1.1	1.7	.7	1.1	.1	.1	.1	.1							49	49	73	7	
76/ 75		.4	.6	1.0	1.1	.2	.4				.1							31	31	157	14	
74/ 73		.2	.9	1.1	.2			.1										21	21	163	42	
72/ 71	.4		.1	.6	.1				.1									11	11	133	89	
7 / 69		.1	.4	.2														6	6	121	64	
6 / 67		.2	.1	.1														4	4	67	111	
6/ 65		.4																3	3	36	87	
64/ 63		.2																2	2	14	88	
62/ 61		.1																1	1	7	98	
/ 59																				1	79	
5 / 57																				1	41	
56/ 55																				2	27	
54/ 53																					14	
52/ 51																					11	
5 / 49																					9	
4 / 47																					5	
4 / 45																					1	
44/ 43																					1	
42/ 41																					1	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUL MONTH

PAGE 2 | 1800-2000 HOURS

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	4	21	27	53	60	34	70	31	21	31	11	1	5	4	6	9	4	9	4	3	1	7	1	1		813	813	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2194415	39817	49.0	17.347	813							
Dry Bulb	6369774	71676	88.1	8.476	814			92.3	89.9	76.0	29.6	93
Wet Bulb	4281179	58899	72.4	4.725	813			86.0	49.3	2.5		93
Dew Point	3440848	52658	64.8	6.098	813			40.0	7.5	.2		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723436 SALINA MAP KS 73-81 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
≥ 97										.3			.4		.1			6	6		
95												.3	.1	.3				5	5		
93									.1	.1	.4	.3		.3				9	9		
91							.1		.5	.5	.5	.3						15	15		
89						.3	.1	.5	.9	.5	.6							23	23		
87					.1	.1	1.8	1.4	1.5	.5	.6							48	48		
85				.1	.8	1.4	1.8	2.6	2.4	1.4	.6							88	88		
83				.6	1.4	1.5	2.9	2.1	2.1	.6	.5							94	94		
81				1.1	1.9	2.5	1.9	2.0	.5		.1							80	80	1	
79			.3	2.5	2.8	2.6	1.3	.9	.4	.3								87	87	9	
77		.3	1.0	1.8	3.8	1.5	1.1	.5	.1									80	80	16	4
75		.4	2.1	2.6	2.0	1.1	.6	.1										72	72	77	12
73		.8	2.6	2.3	.8	.8	.3											59	59	173	36
71		.9	1.5	1.6	1.3	.4	.3											47	47	137	59
69	.4	1.3	2.1	1.1	.5				.1									44	44	144	117
67		1.2	1.5		.4	.1												24	24	142	112
65		.5	.1	.1	.1													7	7	62	122
63		.3	.1				.1											4	4	50	89
61		.4				.1												4	4	15	94
59																				6	61
57																				1	40
55																					23
53																				2	13
51																				1	9
49																					2
47																					1
45																					2
TOTAL	.4	5.7	11.4	13.9	15.7	12.4	12.2	10.2	8.7	4.1	3.4	.8	.5	.5	.1				796		796	
																		796		796		

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	≥ [illegible]
Rel. Hum.	3393569	50395	63.3	15.981	796						93
Dry Bulb	5070952	63312	79.5	6.660	796			91.2	77.8	48.6	93
Wet Bulb	3913927	55725	70.3	4.017	796			77.0	27.6	[illegible]	93
Dew Point	3394677	51807	65.1	[illegible]	796			39.7	6.1		

Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 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
112/111																	.0	1	1		
11 /109														.1		.0	.1	13	13		
1 /107													.0	.0	.0	.1	.3	34	34		
1 /105											.0	.0	.1	.0	.2	.3	.3	59	60		
1 /103											.1	.1	.1	.1	.4	.2	.1	71	72		
2/101									.0	.1	.1	.1	.3	.7	.3	.1	.0	108	108		
0/ 99									.0	.0	.2	.4	.6	.6	.5	.2		157	157		
6/ 97									.1	.2	.5	.7	1.0	.8	.2	.1		225	225		
6/ 95								.1	.3	.7	.6	.8	.8	.3	.1	.0		234	234		
4/ 93							.1	.2	.7	.8	1.4	.9	.4	.1	.0			300	300		
/ 91					.0	.0	.3	.6	1.0	1.3	.9	.3	.1	.1	.0			290	290		
/ 89						.2	.5	1.2	1.3	.8	.6	.2	.0					310	310		
8/ 87					.0	.4	1.3	1.3	1.0	.5	.4	.1	.0	.0				324	324		
6/ 85			.0	.0	.3	1.5	1.0	1.2	1.0	.6	.2	.1	.0					384	384	5	
4/ 83				.3	.9	1.3	1.1	1.4	.8	.2	.1	.0						389	390	22	
/ 81			.1	.5	1.6	1.5	1.1	.9	.5	.1	.1							411	411	58	1
/ 79		.0	.2	1.5	2.0	1.9	.8	.6	.2	.0	.1	.0						470	470	145	7
7/ 77		.2	.9	1.9	2.1	1.2	1.0	.2	.1	.0	.0							482	482	418	55
6/ 75		.5	1.6	2.1	1.6	.9	.4	.1	.0		.0							462	462	792	92
4/ 73	.0	.9	1.8	2.0	.6	.6	.1	.0										384	384	1108	293
/ 71	.1	1.7	1.8	1.1	.5	.3	.1		.0									357	359	941	577
/ 69	.3	1.7	1.8	.9	.6	.1	.0		.0									344	344	948	898
/ 67	.1	1.7	1.1	.5	.2	.1												230	231	808	887
6/ 65	.1	1.1	.6	.3	.1	.0												148	149	479	897
4/ 63	.1	.8	.4	.2	.0		.0											93	93	308	761
2/ 61	.0	.5	.2	.0	.0	.0												53	53	169	677
/ 59		.1	.0	.0	.0													15	15	91	498
/ 57		.0	.0	.0	.0													6	6	39	337
/ 55		.0																3	3	14	154
4/ 53				.0														1	1	9	86
2/ 51			.1															4	4	2	72
/ 49																				3	31
/ 47																				3	18
/ 45																					10

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | JUL 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
47 43																					6
42 41																					4
40 39																					1
TOTAL	.7	9.3	11.6	11.4	13.6	10.1	7.9	7.8	7.0	5.5	5.4	3.8	3.3	2.9	1.8	1.1	.8	6362	6369		6362
																		6362		6362	

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.	25684788	383654	60.3	20.018	6362							
Dry Bulb	43650834	523046	82.1	10.457	6369			706.2	597.0	414.3	140.6	744
Wet Bulb	32034249	450399	70.8	4.826	6362			613.4	298.0	15.9		744
Dew Point	27239262	414816	65.2	5.499	6362			328.6	52.9	.4		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]86 SALINA MAP KS 73-81 AUG
STATION STATION NAME YEARS MONTH

 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89									.1	.3								3	3		
8/ 87									.6	.1								6	6		
8/ 85							.3	.9	.4	.3								14	14		
-/ 83				.1	.1	.4	.9	.9	.5	.3	.1							26	26		
/ 81				.3	1.0	1.9	2.2	.6	.4	.1	.1	.1						53	53		
/ 79			.1	1.2	3.2	3.6	.5	.6										72	72	1	
7/ 77		.1	.6	3.0	2.6	.8	1.2	.6	.1									70	70		1
76/ 75		.9	1.7	2.6	1.3	1.6	.3	.1										65	65	6	2
74/ 73		1.2	3.6	3.2	1.0	.6		.4										78	78	62	12
1/ 71		2.7	3.9	2.3	1.4	.4	.3											85	85	121	28
/ 69	.4	4.4	2.6	1.3	1.3	.3	.3	.4										84	84	128	65
/ 67	.1	3.2	1.8	.8	1.7	.6	.8											70	71	129	133
6/ 65	.5	1.7	1.7	1.2	1.0	.4	.4											53	53	91	128
4/ 63	.1	2.2	1.3	.9	.6	.3												42	42	60	87
/ 61	.4	1.7	1.0	.3		.4	.1											30	30	56	72
/ 59	.1	.3	.5		.4													10	10	47	55
/ 57		.3	.6		.1													8	8	33	55
5/ 55					.1													1	1	18	33
4/ 53				.1														1	1	12	30
2/ 51																				1	15
/ 49																				3	11
/ 47																				1	6
/ 45																					9
4/ 43																					6
2/ 41																					2
/ 39																					1
TOTAL	1.7	18.7	19.6	17.3	16.1	11.3	7.1	4.7	2.2	1.0	.3	.1						771	772	771	771

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4286449	56325	73.1	14.931	771							
Dry Bulb	4115853	56135	72.7	6.647	772			75.5	46.6	17.3		93
Wet Bulb	3432449	51289	66.5	5.168	771			54.2	8.6			93
Dew Point	3092274	48592	63.0	6.219	771			31.5	1.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]86 — ALINA MAP KS — 73-81 — AUG

STATION — STATION NAME — YEARS — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 87									.1									1	1		
6/ 85								.1				.1						2	2		
8/ 83							.4	.4	.3	.1								9	9		
7/ 81					.1	.6	1.0	.4										17	17		
7/ 79				.6	1.0	2.9	.5	.4										43	43		
7/ 77		.1	.1	2.4	3.0	1.7	.5											63	63		
6/ 75		.5	1.7	2.5	1.4	1.5	.8	.4										69	69	1	1
4/ 73		1.7	4.3	2.0	1.3	1.1												82	82	21	4
3/ 71		3.8	4.3	1.9	1.5	.5	.1											96	96	79	20
2/ 69	.1	4.6	2.8	1.0	.4	.3												72	72	149	84
1/ 67	.4	5.1	4.1	1.7	1.1	.4	.4											101	101	126	115
1/ 65	.5	3.7	1.9	.6	.5	.1	.1											59	59	118	140
4/ 63	.3	3.6	2.2	.9	.3	.1												57	57	71	82
2/ 61	.4	3.9	1.3	.6	.5	.1												54	54	70	89
1/ 59	.3	.9	1.7	.3	.3	.1												27	27	60	72
1/ 57	.1	1.3	.4	.3	.1													18	18	28	66
5/ 55		.1	.3	.1	.5													8	8	35	30
4/ 53		.5		.3														6	6	10	29
2/ 51		.1																1	1	7	20
2/ 49		.1		.1														2	2	5	11
1/ 47																				6	8
1/ 45																				1	5
1/ 43																					4
1/ 41																					5
1/ 39																					2
TOTAL	2.2	29.9	24.9	15.4	11.9	9.5	3.9	1.7	.4	.1		.1							787		787
																		787			

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.	4988149	61745	78.5	13.529	787							
Dry Bulb	3873362	54972	69.9	6.535	787			65.6	33.8	5.4		93
Wet Bulb	3361821	51267	65.1	5.311	787			44.4	2.6			93
Dew Point	3099794	49164	62.5	6.023	787			26.5	.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586	SALINA MAP KS	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
67/ 85							.1	.5	.2		.2	.1							10	10		
65/ 83							.4	.6		.1									9	9		
63/ 81					.6	.7	.6	.2	.2	.1									21	21		
61/ 79			.1	.1	2.0	3.1	.6	.5	.1										53	53		
59/ 77		.1	.7	2.3	2.8	1.7	.6	.1											69	69		
57/ 75			2.0	2.9	1.8	1.5	.6	.1											73	73	4	
55/ 73		2.0	3.8	3.3	1.3	.7	.2												90	90	31	6
53/ 71		3.8	3.4	2.0	1.2	1.1	.2												96	96	88	16
51/ 69		5.0	3.6	1.8	1.1	.6		.2											101	101	147	96
49/ 67	.4	5.0	3.1	2.0	.5	.1													90	91	148	127
47/ 65	.6	3.1	2.0	1.3	.5	.5	.2												67	67	108	130
45/ 63	.1	2.5	1.1	.5	.2	.1													37	37	93	97
43/ 61	.2	2.8	1.5	.7															43	43	63	105
41/ 59	.1	1.3	.7	.1	.1	.1													21	21	48	56
39/ 57	.2	1.6	.6	.2	.2														24	24	37	63
37/ 55	.1	.4		.1	.1														6	6	28	42
35/ 53				.4															3	3	7	27
33/ 51		.1																	1	1	6	24
31/ 49				.1															1	1	2	4
29/ 47																					4	4
27/ 45																						9
25/ 43																					1	4
23/ 41																						2
21/ 39																						1
TOTAL	1.8	27.7	22.6	18.0	12.3	10.3	3.7	2.3	.6	.2	.2	.1							815	816	815	815

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5040929	63139	77.4	13.760	815							
Dry Bulb	4103222	57624	70.6	6.454	816			69.9	37.0	7.9		93
Wet Bulb	3530454	53487	65.6	5.093	815			47.7	4.3			93
Dew Point	3242365	51187	62.8	5.813	815			28.2	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | AUG MONTH

PAGE 1 | 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								
1 C/ 99																	.1	1	1		
9/ 97												.1						1	1		
8/ 95											.1	.4	.2	.1		.1		8	8		
7/ 93										.6	.9			.1				13	13		
6/ 91							.1	.2	.6	1.0	1.1		.1					26	26		
5/ 89							.5	1.3	1.5	.9	1.0	.9	.1	.1				51	51		
4/ 87						1.0	1.7	2.0	1.6	.4	.4	.1						58	58		
3/ 85						3.7	1.2	1.8	1.1	.2	.4	.1						70	70		
2/ 83				.2	1.1	2.7	1.5	2.2	1.2	.6		.1						79	79		
1/ 81			1.1	2.7	2.3	2.7	1.0	.4	.4				.1					87	87		
0/ 79		.1	2.2	2.7	2.8	.9	1.1	.4	.1	.2								80	80	3	
79/ 77	.1	.7	2.6	2.3	.9	1.5	.4	.2	.1	.1								72	72	24	
78/ 75		2.1	3.1	2.7	1.3	1.5	.4		.2									86	86	100	6
77/ 73	.7	1.3	2.5	1.3	.7	.7	.2	.2										60	61	150	27
76/ 71	1.0	1.1	1.3	1.1	.5	.2	.1											44	44	119	95
75/ 69	1.2	1.0	.7	.7	.2	.2	.1											35	35	134	110
74/ 67	.2	1.2	.1	.4	.1	.1												18	18	102	117
73/ 65	.5	.1	.4	.5	.1													13	13	69	109
72/ 63	.1	.5	.2	.1														8	8	56	94
71/ 61	.2	.1	.1															4	4	23	81
70/ 59	.1																	1	1	16	53
69/ 57	.1																	1	1	17	35
68/ 55																				3	35
67/ 53																					17
66/ 51																					14
65/ 49																					7
64/ 47																					6
63/ 45																					6
62/ 43																					3
61/ 35																					1
TOTAL	.1	4.8	8.0	14.0	14.1	16.4	12.9	10.9	7.2	4.5	4.2	1.7	.6	.4		.1	.1	816	817	816	816

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.	3268035	50083	61.4	15.434	816							
Dry Bulb	5258777	65287	79.9	7.144	817			89.9	78.9	48.4	2.6	93
Wet Bulb	3995190	56972	69.8	4.632	816			72.0	31.6	.1		93
Dew Point	3430770	52678	64.6	6.074	816			40.5	3.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 115															.1		.1	2	2		
2 / 113													.1	.1	.1		.2	5	5		
3 / 111												.1	.2	.1	.5	.2	.1	11	11		
10 / 109										.1	1.0	.4	.6			.2		19	19		
97 / 97							.1	.1		.1	1.4	1.5	2.2	.4	.1	.1		49	49		
6 / 95								.1	.2	1.4	2.0	2.7	1.1	.6	.1	.1		68	68		
4 / 93						.1	.1	.2	1.6	1.5	2.5	1.4	.4	.7	.2			71	71		
/ 91						.1	.5	.9	1.4	1.0	2.0	.4	.5	.2				56	56		
/ 89						.6	.9	1.5	1.6	3.1	.5	.9	.1	.2				76	76		
8 / 87						1.1	3.3	1.5	1.4	1.1	.5	.6		.1				78	78		
6 / 85					.4	1.8	1.7	2.5	1.5	1.6	.2	.4	.1					83	83	1	
4 / 83				.1	1.0	1.7	1.0	2.0	.9	.6	.1	.2		.1				63	63	3	
/ 81			.1	.1	.7	1.5	1.0	1.2	1.1	.7								53	53	5	1
/ 79			.1	.6	1.2	1.7		.9	.4	.4	.2	.1						46	46	20	3
7 / 77			.1	.5	1.2	.5	1.7	.6		.1	.1							40	40	88	6
76 / 75		.1	.5	.4	.6	1.2	.1		.1	.2								27	27	136	14
74 / 73		.1	.7	.4	.6	.5	.5											23	23	160	39
7 / 71		.2	.1	.5	.1	.1	.1											10	10	111	72
7 / 69		.9	.5		.1	.1												13	13	97	98
5 / 67		.2	.4	.1	.2													8	9	77	109
66 / 65		.1	.1															2	2	58	87
64 / 63		.2																2	2	25	100
62 / 61		.2	.2	.2														6	6	15	90
/ 59		.2	.1															3	3	9	53
58 / 57																				9	39
56 / 55																					34
54 / 53																					31
52 / 51																					10
5 / 49																					8
48 / 47																					7
45 / 45																					7
44 / 43																					5
36 / 35																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | AUG 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					
TOTAL		2.5	3.1	2.9	6.3	11.2	11.1	11.4	10.1	11.8	9.6	9.2	5.2	3.3	1.2	.7	.5		814	815	814	814

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2220204	40526	49.8	15.785	814							
Dry Bulb	6170848	70594	86.6	8.302	815			91.5	87.9	75.5	25.7	93
Wet Bulb	4211470	58424	71.8	4.725	814			79.7	47.2	2.1		93
Dew Point	3404500	52368	64.3	6.603	814			39.1	7.2	.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SALINA MAP KS 73-81 AUG
STATION STATION NAME YEARS 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
[illegible] /107																	.4	3	3		
[illegible] /105															.2	.4	.5	9	9		
[illegible] /103													.1	.1	.4	.2	.2	9	9		
2/101											.4	.1	.4	.6	.6	.6	.2	24	24		
[illegible] / 99											.5	1.7	1.0	1.8	.9	.1	.2	51	51		
[illegible] / 97										.1	.9	2.7	3.2	1.5	.5	.4		75	78		
[illegible] / 95									.4	.9	2.8	2.0	1.1	.1	.9			66	66		
[illegible] / 93									1.4	1.2	1.6	1.7	.1	.2	.2	.4		56	56		
[illegible] / 91							.5	1.0	2.0	1.1	2.0	1.1	.6	.4				70	70		
[illegible] / 89						.2	1.0	2.6	1.2	1.4	2.1	.9		.1	.2			79	79		
[illegible] / 87						.6	1.8	2.1	1.1	1.4	.9	.9	.1	.2				74	74		
[illegible] / 85					.4	1.4	1.7	1.1	1.0	1.0	.6	.2	.1					61	62		
[illegible] / 83			.1		.5	1.1	1.2	1.4	1.4	1.5	.4	.2						63	63		
[illegible] / 81				.2	.7	1.1	.7	.9	.6	.6	.1							41	41	6	
[illegible] / 79				.1	.1	1.5	.6	1.2	.2	.2								33	33	34	
7 / 77			.1	.5	.6	.1	.6	.4			.4							22	22	79	1
[illegible] / 75			.4	.5	.4		.1	.5										15	15	145	11
[illegible] / 73	.1	.1	.5	.9	.6		.4											21	21	155	39
[illegible] / 71		.1	.7	.1	.6													13	13	115	59
[illegible] / 69		.1	.4	.1														5	5	80	82
[illegible] / 67	.1	.1	.4															5	5	87	110
6/ 65		.5																4	4	52	88
[illegible] / 63		.2	.2															4	4	35	96
[illegible] / 61	.1	.1	.4															5	6	11	90
[illegible] / 59		.2	.1															3	3	5	54
[illegible] / 57																				7	53
5 / 55																					48
[illegible] / 53																					28
[illegible] / 51																					18
5 / 49																					10
[illegible] / 47																					9
[illegible] / 45																					6
[illegible] / 43																					5
[illegible] / 41																					4

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | AUG 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	.4	1.6	3.3	2.5	3.9	6.0	8.8	11.1	9.2	9.4	12.6	11.6	6.8	5.2	3.9	2.1	1.6					811.	816	811.	811

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.	1907769	37023	45.7	16.391	811							
Dry Bulb	6489781	72413	88.7	8.844	816			91.1	88.4	79.9	33.7	93
Wet Bulb	4211976	58328	71.9	4.576	811			80.4	48.0	1.4		93
Dew Point	3298329	51437	63.4	6.665	811			34.6	5.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | AUG MONTH

 1800-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 /105																	.1	1	1		
1 /103													.2		.1	.1	.2	6	6		
1 2/101												.2						2	2		
1 0/ 99												.2	.4	.4		.1		9	9		
98/ 97											.4	.9	.5	1.1	.1	.2		26	26		
96/ 95										.6	1.6	1.6	.6	.6	.1			42	42		
94/ 93								.1	.7	1.1	1.2	1.1	.5	.5	.1	.1		45	45		
92/ 91					.1		.1	.6	1.0	2.4	1.6	1.0	.4	.4	.1			62	62		
90/ 89					.1	.4	.5	1.4	1.1	1.2	1.9	1.0	.1	.1				63	63		
88/ 87					.1	.9	2.0	1.4	2.4	1.5	.7	.1	.2					75	75		
86/ 85				.1	.5	1.6	1.2	1.2	1.2	.6	.7	.2						61	61		
84/ 83				.2	1.2	2.0	1.5	1.6	.9	.5	.5	.2						70	70	1	
82/ 81			.1	.2	.6	1.7	1.9	1.1	1.6	.7	.1	.1						67	67	1	1
80/ 79			.1	1.0	2.4	2.0	.7	1.1	1.1	.2	.1							71	71	14	1
78/ 77			.4	.6	1.5	1.0	1.2	.6	.4	.2	.1							49	49	44	3
76/ 75			.6	1.7	.7	1.1	1.0	.7	.2	.1								51	51	112	9
74/ 73		.4	1.1	1.0	.5	1.1	.4											36	36	143	30
72/ 71	.1	.5	.7	.1	.4	.7		.1	.1									23	23	115	57
70/ 69	.1	1.2	.4	.1	.4	.1												19	19	130	90
68/ 67	.1	.1	.6	.4	.4													13	13	93	120
66/ 65		.5	.1	.1														6	6	54	93
64/ 63		.1	.2															3	3	63	77
62/ 61		.5																4	4	17	87
60/ 59		.1	.1	.1														3	3	15	63
58/ 57		.1																1	1	3	50
56/ 55																				3	55
54/ 53																					27
52/ 51																					19
50/ 49																					10
48/ 47																					6
46/ 45																					7
44/ 43																					2
42/ 41																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | AUG 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	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	3.6	4.6	5.8	8.9	12.6	10.5	10.0	10.8	9.3	9.0	6.8	3.0	3.1	.6	.6	.4	808	808	808	808

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.	2501946	42794	53.0	17.081	808							
Dry Bulb	5752018	67838	84.0	8.366	808			91.0	84.7	64.9	15.1	93
Wet Bulb	4036427	56985	70.5	4.657	808			75.2	36.3	.6		93
Dew Point	3297853	51357	63.6	6.450	808			35.8	5.1	.2		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | AUG 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 95											.1			.1	.1			3	3		
-/ 93											.1							1	1		
/ 91										.9	.4							10	10		
/ 89							.1		.4	1.0	.2	.1		.1				16	16		
6/ 87					.1		.6	.6	1.6	.1	.2		.1					28	28		
6/ 85				.2		1.1	.7	2.9	.9	.7	.5	.1						58	58		
6/ 83				.1	1.1	2.1	2.0	1.7	.6	.4	.1							66	66		
/ 81		.1		.4	2.9	1.7	1.5	1.1	.5	.4								69	69		
/ 79			.9	2.0	1.2	2.2	.6	.7	.1	.1								64	64	4	
7/ 77		.1	1.2	3.1	2.[illegible]	1.6	1.2	.5	.7									85	85	4	3
6/ 75		.1	2.0	3.0	1.6	1.6	.5	.4	.1									75	75	42	7
6/ 73		.5	3.7	2.1	1.4	2.1	.7	.7	.6									96	96	109	21
/ 71		2.0	2.5	1.2	1.5	.6	.7	.1										70	70	120	64
/ 69		1.7	1.7	1.0	1.7	.7	.5	.5										64	64	135	99
/ 67	.2	1.3	1.0	.6	.7	.2	.1	.1										37	38	108	119
6/ 65	.1	1.1	.4	1.5	.7		.2	.1										34	34	76	98
4/ 63		.9	.2	.4			.1											13	13	65	87
/ 61		.6	.1	.1														7	7	52	80
/ 59	.2	.1	.2															5	5	41	53
/ 57		.5																4	4	14	59
5/ 55																				10	36
4/ 53																				4	35
/ 51																				1	19
/ 49																					6
/ 47																					8
/ 45																					7
4/ 43																					2
2/ 41																					1
/ 39																					1
TOTAL	.6	9.3	14.0	15.8	15.0	14.2	9.8	9.6	5.6	3.6	1.7	.2	.1	.2	.1				806		805
																		805		805	

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.	3734958	53284	66.2	16.085	805							
Dry Bulb	4764456	61712	76.6	6.999	806			85.7	65.9	33.[illegible]	.5	93
Wet Bulb	3763533	54898	68.2	4.949	805			62.6	20.7			93
Dew Point	3291232	51218	63.6	6.357	805			36.2	3.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 AUG
STATION STATION NAME YEARS MONTH

ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31									
≥ / ≥																	.0						3	3		
/ 1															.0	.0	.1						12	12		
1 / 1													.1	.0	.1	.0	.1						20	20		
2 / 1													.1	.1	.1	.1	.0						37	37		
/ 9												.1	.4	.2	.4	.1	.1	.0					80	80		
/ 97								.0	.0		.0	.3	.7	.7	.4	.1	.1						151	154		
/ 95								.0	.1	.4	.8	.8	.4	.2	.2	.0							187	187		
/ 91						.0	.0	.0	.5	.6	.8	.5	.1	.2	.1	.1							166	136		
/ 91					.0	.0	.2	.3	.6	.8	.9	.3	.2	.1	.0								224			
/ 89					.0	.2	.4	.9	.7	1.0	.7	.5	.0	.1	.0								268			
/ 87					.0	.5	1.2	.9	1.1	.6	.3	.2	.1	.0									320	320		
/ 85				.0	.2	1.2	.9	1.4	.8	.6	.3	.2	.0										359	360	1.	
/ 83			.0	.1	.6	1.3	1.1	1.4	.7	.5	.2	.1		.0									385	385	4	
/ 81		.0	.0	.3	1.2	1.5	1.4	.8	.6	.4	.0	.0	.0										408	408	12	2
/ 79			.2	1.0	1.6	2.5	.6	.8	.3	.1	.1	.0											462	462	76	4
7 / 77		.1	.5	1.9	2.0	1.0	1.1	.4	.2	.1	.1												470	470	239	14
/ 75		.2	1.4	2.1	1.2	1.2	.6	.3	.1	.1													461	461	548	50
4 / 73	.0	.8	2.4	1.9	1.0	.9	.4	.2	.1														486	487	651	178
/ 71	.0	1.8	2.1	1.2	1.0	.5	.2	.0	.0														437	437	868	413
/ 69	.1	2.4	1.6	.8	.7	.3	.1	.2															393	393	1000.	744
/ 67	.2	1.9	1.6	.7	.6	.2	.2	.0															342	346	670	950
6 / 65	.2	1.4	.8	.6	.4	.1	.1	.0															238	238	626	873
4 / 63	.1	1.3	.7	.3	.1	.1	.0																166	166	468	720
/ 61	.1	1.3	.6	.3	.1	.1	.0																153	154	307	694
/ 59	.1	.4	.4	.1	.1	.0																	73	73	241	459
/ 57	.1	.5	.2	.1	.1																		56	56	148	420
5 / 55	.0	.1	.0	.0	.1																		15	15	97	313
4 / 53		.1		.1																			10	10	33	224
2 / 51		.0																					2	2	15	139
3 / 49		.1		.1																			3	3	10	67
/ 47																									11	54
/ 45																									1	56
4 / 43																									1	31
2 / 41																										15

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4936	SALINA MAP KS	73-81	AUG
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
-7 / 7																					5
8 / 35																					2
TOTAL	.9	12.	21.	41.	41.	01	1.5	8.5	7.7	5.8	5.0	4.7	3.8	2.0	1.5	.7	.5	.3		6437	6427
																			6427	6427	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27948439	404889	63.0	19.491	6427							
Dry Bulb	40528317	506575	78.7	10.143	6437			661.1	525.2	334.8	78.5	744
Wet Bulb	30543317	441643	68.7	5.509	6427			517.3	200.4	4.2		744
Dew Point	26157117	408001	63.5	6.315	6427			272.6	28.7	.6		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | SEP MONTH

 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 85									.1									1	1		
4/ 83								.4	.1									4	4		
/ 81						.4	.9	.1										11	11		
/ 79				.1	1.1	1.1	1.0	.4										33	30		
7 / 77				.5	1.0	1.3	.8											28	28		
6/ 75			.3	1.7	.9	.8	.9	.1	.1									37	37		
4/ 73			1.5	2.3	.4	.8		.4										42	42	7	
2/ 71		1.3	1.5	1.3	.9	.4	.3											44	44	25	3
/ 69	.3	2.2	1.1	2.3	1.0	.5												58	59	72	27
/ 67	.1	2.0	2.7	1.4	.6		.4	.1										58	58	66	63
6/ 65	.4	2.3	1.1	1.3	1.3	.6	.1											56	57	68	50
4/ 63	.9	2.4	1.3	1.1	.8	1.0												59	59	78	72
/ 61	.3	2.3	2.0	1.0	1.0	.6												57	57	46	68
/ 59	.6	3.1	1.8	1.0	.6	.3		.1										59	59	69	55
/ 57	.4	2.6	1.9	1.3	1.3	.6		.1										64	64	54	69
5/ 55	.1	2.0	1.8	.9	.5	.3	.1											45	45	52	57
4/ 53	.3	1.0	1.4	.8	.3													29	29	66	45
2/ 51	.1	1.5	.6	.4	.3	.1												24	24	40	43
/ 49		1.3	.6	.3														17	17	35	47
/ 47		2.0	.3	.8														24	24	33	36
4/ 45		1.0	1.0	.1														17	17	24	45
4/ 43		.3	.6	.1														8	8	18	21
2/ 41	.1	.4	.3															6	6	20	28
/ 39	.1		.3															3	3	3	19
3/ 37	.1	.1																2	2	6	16
1/ 35																				1	8
3/ 33																					4
2/ 31																					5
/ 27																					2
TOTAL	3.3	27.8	22.2	19.6	12.0	8.8	4.5	1.8	.4										785		783
																		783		783	

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.	4746238	59920	76.5	14.341	783							
Dry Bulb	3245175	49917	63.6	9.518	785			36.0	17.5	3.0		90
Wet Bulb	2766808	46084	58.9	8.348	783			19.5	.8			90
Dew Point	2486313	43537	55.6	9.154	783		.8	10.7				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4536 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	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				
/ 81						.1	.1											2	2		
/ 79					.4	.3	.1			.1	.3							9	9		
7 / 77				.8	.6	.4												14	14		
6 / 75				1.2	1.4	.4												22	22		
4 / 73			1.5	1.6	.8	.4	.1	.1	.1									37	37	2	
/ 71		.9	2.9	1.2	.5	.8	.1											49	49	13	2
/ 69		2.5	2.3	1.5	1.3	.4												63	63	43	19
/ 67		2.8	1.1	1.4	1.4	.1												54	54	83	52
6 / 65	.5	2.7	1.2	1.4	.6	.4	.1											53	53	53	59
4 / 63	1.3	2.3	3.2	1.2	.5	.3												66	66	55	64
/ 61	.6	2.5	1.4	1.2	.8	.1												51	51	68	56
/ 59	1.1	3.6	1.2	1.4	.4													59	59	78	54
/ 57	.5	3.0	1.8	1.4	1.3	.1												64	64	47	70
/ 55	.3	3.7	1.2	1.2	.3	.1												50	50	55	61
4 / 53	.1	2.9	1.4	1.3	.7													47	47	65	42
/ 51	.3	1.4	1.6	.3		.3												30	30	45	52
/ 49	.4	1.9	1.2	.3		.1												29	29	44	50
/ 47	.4	1.1	.6		.1													18	18	36	54
/ 45		2.2	1.1	.5														30	30	25	26
4 / 43	.1	1.5	.5															17	18	24	39
/ 41		1.1	.4															12	12	26	26
/ 39		.4	.3															5	5	16	28
/ 37	.3	.4																5	5	3	13
/ 35	.1																	1	1	6	13
3 / 33		.1																1	1	1	5
/ 31																					2
/ 29																					4
/ 27																					1
TOTAL	6.0	37.1	24.1	16.9	10.5	4.2	.6	.1	.1	.1	.3							788	789	798	788

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5270142	63664	80.8	12.684	788							
Dry Bulb	2999373	48071	60.9	9.464	789			28.5	9.6	.5		93
Wet Bulb	2645181	45149	57.3	8.610	788			16.1	.2			90
Dew Point	2424835	43105	54.7	9.221	788		.8	8.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS MONTH

 2600-3800
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		.3											3	3		
7 / 77		.1	.1	.9	.6	.4	.3											19	19		
+/ 75		.1	.4	1.3	.5	.3												23	23	1	
4/ 73			1.8	.9	.9	.8												34	34	2	3
/ 71		1.7	2.3	1.3	.8	.4	.1											51	51	20	
/ 69	.1	1.9	2.3	.9	.9	.1	.1											50	50	44	26
/ 67	.6	2.7	1.7	2.4	.9	.1	.1											62	62	63	50
6/ 65	.5	3.3	1.3	1.3	.3	.5												56	56	59	59
4/ 63	1.1	2.9	1.9	1.7	.5	.5	.4											66	66	65	54
/ 61	.9	2.9	1.8	1.1	.9													60	60	67	50
/ 59	.4	3.4	1.3	1.7	.6	.1												59	59	63	66
/ 57	.4	3.7	1.8	1.7	1.1													63	63	52	74
5 / 55	.5	3.7	1.4	1.7	.3													54	54	69	62
4/ 53	.1	1.9	1.4	1.4														38	38	54	43
/ 51		2.3	1.3	.6	.1	.1												35	35	44	38
5 / 49	.3	1.3	1.4		.4													26	26	44	36
/ 47	.4	1.7	1.3															26	26	40	59
4 / 45	.3	.9	.9	.3	.4													21	21	27	42
4/ 43		1.9	.3															17	17	20	35
2 / 41		1.1	.3															11	11	21	32
/ 39	.3	1.3																10	10	19	22
2 / 37		.1	.1															2	2	8	17
1 / 35	.3	.3																4	4	4	11
/ 33																				1	3
/ 31																					6
/ 29																					1
/ 27																					2
TOTAL	6.1	37.6	24.8	17.7	9.3	3.3	1.3												787		787
																		787		787	

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.	5313760	63960	81.3	12.132	787							
Dry Bulb	2976161	47843	60.8	9.281	787			27.3	8.7			9
Wet Bulb	2640832	45076	57.3	8.667	787			14.9	.3			9
Dew Point	2428933	43099	54.8	9.347	787		1.0	9.0	.3			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]536 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 95											.1							1		1		
6/ 93									.1	.3	.1	.1	.1					6		6		
/ 91									.1	.1								2		2		
/ 89								.4	.6	.5	.1		.1					14		14		
8/ 87							.1	1.0	.4	.4								15		15		
6/ 85						.6	.9	1.0	.3	.4		.1						25		25		
/ 83					.1	.6	1.0	1.1	.5	.3								29		29		
/ 81				.1	.4	1.3	1.1	.6	.6	.1								34		34		
/ 79				.5	1.7	.9	1.0	.4	.4	.4	.1							42		42		
7 / 77				1.3	1.4	1.1	1.4	.6	.4									49		49	3	
6/ 75			.8	1.9	.6	1.5	1.1	.6	.1	.3								55		55	14	
4/ 73		.3	.5	1.4	1.[illegible]	1.4	.9	.8	.5	.1								54		54	53	1
/ 71		.5	.8	1.1	1.9	.6	1.[illegible]	.9	.4									57		57	60	16
/ 69	.3	.9	1.5	1.4	.4	1.1	.6	.9										56		56	64	43
/ 67	.5	.5	1.7	.9	1.3	.5	1.8	.5	.1									61		61	69	78
6/ 65	.1	1.5	1.4	.9	.5	.9	1.7											55		55	61	47
4/ 63	.6	1.1	1.3	.6	1.7	.9	.9	.4										59		59	86	61
/ 61	.6	.8	.6	.8	1.3	.9	.3											41		41	62	78
/ 59	.1	1.5	.9	.9	1.4	.4	.1											42		42	57	56
/ 57		1.1	.3	1.4	1.1	.3												33		33	53	62
5/ 55		.9	.3	.1	.8	.3	.1											19		19	56	53
4/ 53		.6	.5	.4	.1	.1												14		14	53	37
/ 51		.4	.5	.3	.3	.1												12		12	41	42
5 / 49		.3	.1		.1	.1												5		5	25	46
/ 47		.4		.1														4		4	12	45
4/ 45		.4																3		3	8	43
4/ 43																					6	3[illegible]
2/ 41																					3	2[illegible]
/ 39																					1	15
7 / 37																						6
/ 35																						3
3 / 33																						2
2/ 31																						1
/ 29																						1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 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								
-27																									2
TOTAL	2.3	11.2	11.1	14.1	16.0	13.7	14.2	9.3	4.6	2.8	.5	.3	.3									787	787	787	787

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.	3536232	50836	64.6	16.825	787							
Dry Bulb	3963554	55328	70.3	9.694	787			57.2	37.3	16.9	.9	90
Wet Bulb	3090342	48944	62.2	7.690	787			30.1	8.0			90
Dew Point	2611453	44781	56.9	8.979	787		.5	15.8	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS MONTH

 12 0-1400
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
1/ 101												.1	.1	.1	.1			4	4		
1/ 99											.3	.1	.4		.1			7	7		
8/ 97										.3	.4	.4	.1	.8	.1			16	16		
6/ 95										.5	.1	.4	.8	.1				15	15		
4/ 93									.4	.6	.3	.8		.3				18	18		
/ 91								.1	.4	1.5	1.1	.6	.4	.1				34	34		
/ 89							.1	.8	1.1	.5	1.0	.4	.4		.1			35	35		
6/ 87						.1	.5	1.0	1.5	.9	1.0	.6	.5	.1				50	50		
6/ 85						.5	1.1	.8	.5	.9	1.0	.4	.4	.1				45	45		
4/ 83					.5	.6	1.1	1.5	1.7	.8	.9	.5	.1					61	61		
/ 81					.5	1.4	1.1	1.4	.6	.9	.3	.1						50	50		
/ 79			.1		1.5	1.1	.3	1.0	.9	.4	.3	.1	.1					46	46	7	
7/ 77			.3	.4	.9	.4	1.5	.9	.4	.8	.9	.1	.3					53	53	16	
6/ 75		.1	.1	.8	1.1	.8	1.5	.4	.6	.4	.5							50	50	42	1
4/ 73		.1	.6	.6	.8	1.0	.5	.5	.5	.4	.5							44	44	76	11
/ 71		.3	.5	.6	.8	.3	.4	.6	1.2	.3								37	37	77	21
/ 69		.1	.4	.5	.8	.4	.8	2.2	.6	.3								46	47	69	48
/ 67		.6	.4	1.2	.1	.5	1.1	.6	.1									36	36	74	58
6/ 65	.4	.3		.8	.1	.3	.6	.9	.1	.1								28	28	81	64
4/ 63		1.2	1.4	.9	.1	.1	.8	.6										39	39	60	57
/ 61	.1	.6	.6	.1	.5		.4		.3									21	21	52	62
/ 59		.6	.4	.1	.5	.4	.3		.1									19	19	46	58
/ 57		.1	.3	.3		.1	.3											8	8	51	86
5/ 55		.4	.6	.3	.1													11	11	44	38
4/ 53		.6																5	5	33	40
3/ 51		.3																2	2	30	37
/ 49		.1	.3															3	3	12	36
/ 47		.3	.1															3	3	5	34
/ 45																				9	37
1/ 43																					21
0/ 41																					24
/ 39																					26
/ 37																					10
/ 35																					7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS 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 / 33																					4
/ 31																					1
/ 29																					2
/ 25																					2
TAL	.5	5.6	6.1	6.4	9.4	8.0	12.5	13.2	10.9	9.4	8.5	4.7	3.6	1.7	.5			786			786
																			786	786	

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.	2406394	40984	52.1	18.525	786							
Dry Bulb	4821541	60997	77.5	10.931	787			74.1	60.4	41.5	6.9	9
Wet Bulb	3351795	50975	64.9	7.645	786			41.6	16.4	.5		9
Dew Point	2620857	44745	56.9	9.685	786		.7	15.9	1.4			9

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

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

PSYCHROMETRIC SUMMARY

7 4506 — SALINA MAP KS — 73-81 — SEP
STATION — STATION NAME — YEARS — 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
[illegible] / 1[illegible]															.2			1	1		
[illegible] / 1[illegible] 1											.1	.4	.3	.4	.4			12	12		
[illegible] / [illegible]9											.1	.6	.1	.3	.5			13	13		
[illegible] / 97										.1		.4	1.0	1.0	.5	.1		25	25		
[illegible] / 9[illegible]								.1		.1		.9	.3	.3	.3			15	15		
[illegible] / 93										.6	1.5	.9	.6	.3				31	31		
[illegible] / 91							.1	.1	.3	1.6	.5	.3	.8	.3			.1	32	32		
[illegible] / 89							.6	.3	.5	.4	1.1	1.1	.1	.3		.1		36	36		
[illegible] / [illegible]7							.4	.4	1.3	1.0	.9	.9	.6	.4	.1			47	47		
[illegible] / [illegible]5						1.0	.6	1.4	.6	1.3	2.3	.5	.4	.1	.1			66	66		
[illegible] / [illegible]3				.5	.5	.4	.9	1.9	.5	.3	1.1	.6		.1				54	54		
[illegible] / 81					.5	1.4	.9	1.5	1.1	.4	1.1	.4	.1	.1				60	60	3	
[illegible] / 79			.1	.1	1.1	1.9	.4	.9	.3	.5	.8	.4						51	51	6	
7[illegible] / 77			.3	.3	.4	1.3	.9	.9	.9	1.0	.3	.1						49	49	24	
[illegible] / 75				.3	.4	.1	.1	.6	1.0	1.1	.6	.1						35	35	32	4
[illegible]4 / 73	.1	.4	.1	.5	.5	.6	.3	.9	1.0	.9		.3						46	46	83	18
[illegible] / 71			.3	.3	1.1	.4	1.[illegible]	.4	.5	.6	.3							38	38	79	17
[illegible] / 69		.3	.8	.3	.4	.5	.3	1.1	.5									32	32	81	30
[illegible] / 67		.8	.4	.4	.4	.1	.5	.4	.8	.5	.1							34	34	73	47
[illegible] / 65		.6	.6	.4		.4	.4	.9	.4	.3								31	31	68	63
4[illegible] / 63		.6	.5	.4	.3	.4	.3	.6										24	24	66	76
[illegible] / 61		.9	.3		.1	.5	.3											16	16	53	57
[illegible] / 59		.4	.6	.6	.4	.5												20	20	56	57
[illegible] / 57					.4													3	3	44	66
5[illegible] / 55		.3	.5	.1														7	7	35	46
[illegible]4 / 53	.1	.3	.3	.3														7	7	31	44
[illegible]2 / [illegible]1																				29	38
[illegible] / [illegible]9		.1																1	1	18	41
[illegible] / 47		.3																2	2	5	34
[illegible]4 / 45																				2	38
[illegible]4 / 43																					32
[illegible]2 / 41																					23
[illegible] / [illegible]9																					16
[illegible] / 37																					12

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7045 86 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS 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	Dew Point
[illegible] / 35																					17
[illegible] / 33																					4
[illegible] / 31																					7
[illegible] / 29																					1
[illegible] / 27																					7
[illegible] / 25																					1
TOTAL	.3	4.8	4.7	4.3	6.7	9.5	7.9	12.4	9.6	10.8	10.9	7.9	4.3	3.4	2.[illegible]	.3	.1	788.	788	788	788

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.	2105257	38005	48.2	18.601	788							
Dry Bulb	5266485	62599	79.4	11.021	788			77.3	65.4	48.5	11.1	90
Wet Bulb	3396234	51392	65.2	7.523	788			43.5	16.9	.7		90
Dew Point	2573934	44352	56.3	9.929	788		.9	13.2	2.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.4586 STATION | SALINA MAP KS STATION NAME | 73-81 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
/ 99													.1	.1				2	2		
/ 97										.1	.3		.1	.3				6	6		
/ 95											.3	.3	.3	.1				7	7		
/ 93									.1	.5	.5	.3	.1					12	12		
/ 91									.1	.5	1.0	.1						14	14		
/ 89									1.0	.8	.5	.5						22	22		
87 / 87						.1	.5	.6	.6	1.1	.5	.3			.1			31	31		
85 / 85						.4	.3	1.3	.9	.8	.4							31	31		
/ 83					.3	.5	.8	.9	.6	1.4	.3							37	37		
/ 81				.4	.4	1.0	1.1	.8	1.1	.5	.4							45	45	1	
/ 79			.4	.1	.8	1.9	.6	1.3	1.0	.9	.1	.4						59	59	1	
77 / 77			.5	1.1	1.9	.8	.9	.6	.9	.1								54	54	5	
75 / 75			.8	1.1	1.9	.8	.6	1.1	.4	.5	.1							57	57	27	2
73 / 73		.1	.9	1.8	.4	1.0	1.0	.6	1.0	.4								57	57	48	12
/ 71		.4	.6	1.0	.4	.4	.6	.4	.8	.1	.1							38	38	80	14
/ 69		.8	.6	1.5	1.1	1.0	.8	1.0	.6	.3								61	61	81	33
/ 67	.1	1.0	.4	.8	1.0	.6	1.0	.8	.4	.1								49	49	77	62
65 / 65		.6	.5	1.0	.6	.8	.8	.3	.4	.3								41	41	66	59
63 / 63	.4	1.3	1.4	.9	.6	.4	.8	.1	.3									48	48	64	79
61 / 61	.1	.9	.5	.6	.9	.6	.6	.3										36	36	61	57
/ 59		1.3	.1	.6	.9	.4	.5											28	28	67	55
57 / 57	.1	.6	.3	.3	.1	.3	.1											14	14	44	76
55 / 55		.8	.5	.4	1.	.3												23	23	45	50
53 / 53		.6	.3	.1	.1													9	9	42	49
51 / 51			.3	.3														4	4	31	41
49 / 49			.1															1	1	24	39
47 / 47		.3																2	2	19	37
45 / 45		.3																2	2	6	21
43 / 43																				1	37
41 / 41																					21
39 / 39																					21
37 / 37																					15
35 / 35																					5
34 / 33																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?4596 STATION | SALINA MAP KS STATION NAME | 73-81 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
≤ 31																					4
/ 32																					2
TOTAL	≤ 8.6	8.1	12.0	12.3	11.1	11.7	10.0	10.3	8.4	4.4	1.8	.6	.5	.1					797		790
																		792		795	

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.	2966127	46145	58.4	19.520	790							
Dry Bulb	4370547	58187	73.7	10.368	790			66.3	49.4	26.5	3.1	93
Wet Bulb	3220991	50085	63.4	7.608	790			36.5	9.3	.1		90
Dew Point	2616664	44659	56.8	9.387	790		.7	14.0	1.6			9?

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4756 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 80										.1								1	1		
6/ 77							.1		.4	.3	.1							7	7		
7/ 75							.1	.6	.6	.3								13	13		
/ 73						.3	.3	1.5	.5	.1								21	21		
/ 71					.7	1.1	1.9	.4	.6									33	33		
/ 79				.6	.4	.8	.4	.5	.1	.1								23	23		
7 / 77			.1	.5	2.1	.9	1.5	.5		.1								45	45		
8/ 75		.1	1.5	.8	.9	1.3	1.3	.3	.1									49	49	1	
6/ 73			1.6	1.3	.6	1.9	.3	.3	.1									48	48	2	1
/ 71		.8	2.5	.9	.5	.9	.5	.4										51	51	49	11
/ 69		1.8	1.8	1.8	.9	.5	.6	.4	.4									64	64	42	28
/ 67	.1	1.5	1.5	1.1	1.1	.4	.6											51	51	73	66
6/ 65		1.3	1.8	1.6	.5	.3	.5	.3										49	49	72	59
4/ 63	.3	1.8	1.1	1.6	.9	.9	.8	.4	.1									62	62	65	66
/ 61	.4	2.5	2.3	1.9	1.5	1.1	.1											78	78	59	59
/ 59	.1	1.9	.6	1.6	1.3	1.1	.4											54	54	68	73
/ 57	.1	1.4	.8	.6	1.3													33	33	56	78
5 / 55	.3	1.3	1.1	.4	1.1	.1	.1											34	34	57	82
4/ 53		.6	1.5	.5	.5		.1											26	26	45	34
2/ 51		.4	1.1	.6	.5													21	21	45	48
5 / 49		.3	.9	.5														13	13	76	38
/ 47		.5	.4	.3														9	9	29	37
/ 45		.4	.3															5	6	16	37
4/ 43		.1	.1	.1														3	3	14	39
2/ 41		.1	.1															2	2	5	26
/ 39																				3	17
3 / 37																					12
/ 35																					7
3 / 33																					3
1/ 31																					2
/ 29																					2
TOTAL	1.3	16.2	21.1	16.7	13.2	11.4	9.4	5.4	3.7	1.0	.1								796		795
																		795		795	

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.	4109258	55713	70.1	16.083	795							
Dry Bulb	3840783	53287	66.9	9.587	796			45.9	27.1	9.4		99
Wet Bulb	2960728	48106	60.5	7.920	795			25.5	2.4			99
Dew Point	2572510	44652	56.2	9.018	795		.5	11.8	.1			99

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | SEP 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+										
1 / 105															.0			1	1								
2 / 101											.0	.1	.0	.1	.1			16	16								
3 / 99											.0	.1	.1	.0	.1			22	22								
5 / 97										.1	.1	.1	.2	.3	.1	.0		47	47								
6 / 95								.0		.1	.1	.2	.2	.1	.0			38	38								
7 / 93									.1	.3	.3	.3	.1	.1				67	67								
8 / 91							.0	.0	.1	.5	.3	.1	.1	.0			.0	82	82								
9 / 89							.1	.2	.4	.3	.3	.3	.1	.0	.0	.0		108	108								
8 / 87						.0	.2	.4	.5	.5	.3	.2	.1	.1	.0			150	150								
9 / 85						.3	.4	.6	.4	.4	.5	.1	.1	.0	.0			181	181								
9 / 83					.1	.2	.3	.5	.9	.5	.3	.3	.1	.0	.0			206	206								
9 / 81					.1	.3	.8	.9	.6	.5	.2	.2	.1	.0	.0			235	235	4							
9 / 79				.1	.2	.5	1.0	.5	.6	.3	.3	.2	.1	.0				263	263	14							
7 / 77		.0	.2	.7	1.1	.8	.9	.4	.3	.3	.1	.0	.0					311	311	48							
6 / 75		.0	.5	1.1	1.1	.7	.7	.4	.3	.3	.2	.0						325	325	117	7						
4 / 73	.0	.1	1.1	1.3	.7	1.0	.4	.4	.4	.2	.1	.0						362	362	293	46						
3 / 71		.7	1.4	.9	.9	.5	.5	.3	.3	.1	.0							365	365	403	64						
2 / 69	.1	1.3	1.3	1.3	.8	.6	.4	.7	.3	.1								430	432	536	252						
1 / 67	.2	1.4	1.2	1.2	.9	.3	.7	.3	.2	.1	.0							405	405	578	474						
0 / 65	.2	1.6	1.3	1.1	.5	.5	.5	.2	.1	.1								369	370	526	459						
4 / 63	.6	1.7	1.5	1.0	.7	.6	.5	.3	.2									423	423	539	529						
3 / 61	.4	1.7	1.2	.8	.9	.5	.2	.1	.0									360	360	466	487						
2 / 59	.3	1.9	.8	1.0	.7	.4	.2	.0	.0									340	340	504	474						
1 / 57	.2	1.6	.9	.8	.8	.2	.2	.0										282	282	401	581						
5 / 55	.1	1.5	.9	.6	.5	.1	.0											243	243	413	429						
4 / 53	.1	1.1	.8	.6	.2	.0	.1											175	175	389	332						
4 / 51	.1	.8	.7	.3	.1	.1												128	128	305	339						
5 / 49	.1	.7	.6	.1	.1	.0												95	95	238	333						
4 / 47	.1	.8	.3	.1	.0													88	88	179	325						
4 / 45	.1	.6	.4	.1	.0													78	79	117	287						
4 / 43	.1	.5	.2	.0														45	46	93	254						
3 / 41	.1	.3	.1															31	31	75	198						
4 / 39	.0	.2	.1															18	18	42	164						
2 / 37	.0	.1	.0															9	9	17	100						

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GL AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723566 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 35	•	•																5	5	11	71
/ 33		•																1	1	2	28
/ 31																					24
/ 29																					13
/ 27																					10
/ 25																					4
TOTAL	.613	.715	.313	.311	1.1	8.8	7.6	6.5	4.9	4.1	3.1	1.9	1.1	.7	.3	.0	.0	6304	6309	6304	6304

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.	30423353	419224	66.5	20.092	6304							
Dry Bulb	31385119	436229	69.1	12.093	6309			412.7	275.5	146.3	21.8	720
Wet Bulb	24072881	385811	61.2	8.551	6304			227.6	54.4	1.3		720
Dew Point	20335459	353129	56.0	9.378	6304		5.8	98.6	6.1			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7145x6 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | OCT MONTH

PAGE 1 | 0000-2200 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/ 75						.2		.1										3	3		
4/ 73			.2	.4		.1	.2											7	7		
/ 71		.1	.7	.4		.1	.1											12	12		
/ 69		.2	.1	.1	.6	.4		.1										13	13	6	
/ 67		.4		.5	.6	.2	.2											16	16	11	8
6/ 65	.1	.9	.4	1.3	.5	.4	.2	.1										32	32	9	14
4/ 63	.4	.4	.9	.5	.6	1.0		.5										34	34	17	9
/ 61	.2	1.1	.7	1.3	.2	1.3	.7											46	46	27	9
/ 59	.4	1.8	1.8	1.1	.7	1.0	.4	.2										61	61	35	19
/ 57	.2	1.3	.6	1.6	1.3	.7	.5											52	53	32	42
5/ 55		3.2	1.5	1.5	1.6	.9	.1											71	71	53	31
4/ 53		2.1	1.6	1.2	.7	.5												50	50	51	45
/ 51	.1	2.4	2.3	1.8	.1	.4												59	59	67	32
8/ 49	1.5	1.6	1.5	1.6	.4	.2												55	55	83	64
/ 47	.2	1.7	1.6	1.3	.7													46	46	60	43
/ 45	.5	2.9	2.2	1.6	.2													61	61	75	57
4/ 43		1.8	1.2	.9	.1													33	33	40	64
2/ 41	.1	2.4	1.3	2.1	.2													48	48	56	53
/ 39	.4	1.5	1.2	.9														32	32	49	61
/ 37	.4	1.8	1.1	.7														32	32	36	41
/ 35	.5	1.3	1.3	.2														28	28	46	53
3/ 33	.6	.6	.2	.1														13	13	35	45
/ 31	.2	.1	.4															6	6	15	45
/ 29	.4			.1														4	4	8	32
/ 27		.2																2	2	3	19
/ 25																				2	19
/ 23		.1																1	1		7
2/ 21																				1	3
/ 19																					3
/ 17																					2
1/ 15																					1
TAL	5.2	33.1	22.5	21.3	8.8	7.5	2.4	1.1										818			817
																		817		817	

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.	4751849	60981	74.6	15.664	817							
Dry Bulb	2275742	42386	51.8	9.861	818		1.5	5.8	1.1			93
Wet Bulb	1921731	38925	47.6	9.073	817		3.3	1.9				93
Dew Point	1627471	35481	43.4	10.301	817		14.9	.9				93

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS 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
4/ 77			.1															1	1		
/ 71			.5			.4												7	7		
/ 69		1.7	.2	.1	.2	.1	.1											15	15	2	
/ 67		.2	.2		.4													7	7	12	7
6/ 65		1.7	.5	1.2		.1	.1											24	24	4	9
4/ 63		.4	.6	1.3	.2	.1	.1	.1										24	24	13	6
7/ 61	.1	1.2	1.0	.1	.9	.4	.2	.1										33	33	16	10
/ 59	.6	2.6	1.5	.1	1.5	.1	.2											54	54	36	11
7/ 57	.5	1.5	1.2	.6	.7	.4	.1											41	41	44	38
6/ 55	.7	3.1	.1	1.0	.6	.6	.1											51	51	50	49
4/ 53	.1	1.9	1.9	2.4	.9	.6	.1											64	65	27	37
2/ 51	.4	2.3	1.2	1.7	1.3	.6	.1											63	63	46	31
0/ 49	.1	3.3	2.4	2.1	.2	.4												78	78	30	44
8/ 47	.9	2.4	1.5	.9	.1	.1												48	48	66	44
6/ 45	.4	2.2	1.7	.7	.7													47	47	69	53
4/ 43	.1	2.2	1.8	1.1	.4													46	46	65	60
2/ 41	.4	2.3	2.7	.6														43	43	42	55
/ 39	.6	2.3	2.7	1.0	.2													50	50	54	61
7/ 37		3.3	2.7	.2														45	45	52	46
5/ 35	.2	1.6	.9															22	22	48	58
3/ 33	1.1	1.8	.5															27	27	44	46
2/ 31	.1	.9	.1															9	9	19	53
/ 29	.5	.4	.2															9	9	13	26
5/ 27		.4	.1															4	4	5	32
3/ 25	.1	.1																2	3	6	22
24/ 23		.1																1	1	2	8
2/ 21		.1																1	1		4
/ 19		.1																1	1	2	1
7/ 17																					5
5/ 15																					1
3/ 13																					1
TOTAL	7.8	38.7	24.2	15.3	8.4	3.9	1.3	.2											819		917
																		817		817	

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.	5146280	63724	78.0	14.685	817							
Dry Bulb	2388021	40555	49.5	9.879	819		3.2	3.4	.1			93
Wet Bulb	1808932	37686	46.1	9.300	817		5.4	1.6				93
Dew Point	1565529	34729	42.5	10.459	817		17.4	.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS MONTH

 0636-3800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69		.2	.6		.4			.1										11	11		
/ 67		.4	.2	.4	.4		.1	.1										13	13	6	1
67 / 65		.1	.4	.6			.2											11	11	4	8
4/ 63		1.2	1.2	.5	.2	.2	.1											29	29	3	7
/ 61	.4	2.3	.7	.2	.4	.2		.1										36	36	32	12
/ 59	.5	2.6	1.2	.7	.6	.2	.2											48	48	34	30
/ 57	.9	1.7	1.3	.5	.5	.4	.2											45	45	39	44
5 / 55	.7	1.9	1.1	1.1	1.2	.5	.4											57	57	36	33
4/ 53	.5	1.8	1.3	1.6	.1	.2	.2											48	48	48	37
/ 51	.2	2.4	3.7	1.6	.6		.1											66	66	36	27
5 / 49	1.3	1.7	2.9	.9	1.5	.4												71	71	60	52
/ 47	.6	1.8	2.7	1.7	.4	.5												63	63	81	31
/ 45	1.2	1.7	1.9	1.7	.2													50	50	64	61
4/ 43		2.3	1.7	1.5	.4													48	48	56	49
/ 41	.1	3.5	1.2	.6	.1													46	46	62	66
6 / 39	.5	2.3	2.7	.6	.2													52	52	53	57
/ 37	.2	3.5	.7	.5														41	41	51	39
/ 35	1.2	1.5	1.5															32	32	67	63
3 / 33	.2	1.6	.4															18	18	30	51
/ 31	.6	1.1																14	14	25	64
/ 29	.7	.3	.1															11	11	15	39
/ 27	.1	.5																5	5	4	23
/ 25		.4																3	3	5	17
/ 23		.1																1	1	4	6
/ 21		.4																3	3	1	9
/ 19																				2	3
/ 17																					4
/ 15																					1
/ 13																					1
TOTAL	7.9	37.6	26.8	13.9	7.2	2.7	1.7	.4										822	822	822	822

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5282200	64752	78.8	14.784	822							
Dry Bulb	2840346	40173	48.9	9.684	822		4.2	2.7				93
Wet Bulb	1780234	37496	45.6	9.223	822		6.3	.9				93
Dew Point	1546369	34617	42.1	10.385	822		18.9	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
87 / 87												.1						1	1		
85 / 85												.1						1	1		
83 / 83									.1	.1								2	2		
81 / 81								.1			.1							2	2		
79 / 79							.1	.1	.1		.4	.1						7	7		
77 / 77				.1				.4	.1	.1	.1	.2						9	9		
75 / 75				.2	.1	.1	.2	.2	.2	.2	.1							13	13		
73 / 73			.4	.1	.2	.7	.1	.2	.7	.1								22	22		
71 / 71		.1	.9	.1	.6	.4	.9	.6	.9	.4	.1							40	40	2	
69 / 69	.1	.1	.1	.4	.5	.5	.5	1.4	.5	.1								32	32	15	2
67 / 67		.7	.7	.7	.9	.6	.6	.7	.4	.4	.1							48	48	11	11
65 / 65		.4	1.0	1.2	.9	.6	1.7	1.0	.4									58	58	16	7
63 / 63		1.0	.5	1.1	.9	1.0	1.1	1.1	.2									56	56	21	8
61 / 61		1.1	.7	1.1	1.5	1.1	1.1	.6	.5									63	63	40	19
59 / 59		1.0	1.0	1.1	1.4	1.7	1.0	.6										63	63	49	26
57 / 57	.5	1.0	1.2	1.0	2.0	.5	.9	.4										65	65	57	38
55 / 55	.4	2.0	.7	1.2	1.6	1.4	.4	.1										63	63	75	49
53 / 53	.1	.6	1.1	1.7	1.2	1.1	.5											52	52	90	41
51 / 51	.1	1.1	1.2	.7	1.9	.6	.1											47	47	62	39
49 / 49	.2	.6	1.4	1.0	1.8	.4	.1											45	45	73	39
47 / 47	.2	.2	.6	1.4	.7	.5												31	31	66	50
45 / 45	.1	.5	.5	1.4	.4	.1												24	24	57	61
43 / 43		.6	.9	.5	.5	.1												21	21	45	62
41 / 41		.5	1.4	.7														21	21	46	71
39 / 39	.1	.5	.4	.5														12	12	28	46
37 / 37	.1	.6	.1	.6														12	12	25	49
35 / 35	.2		.2															4	4	18	53
33 / 33			.1															1	1	6	34
31 / 31																				6	49
29 / 29																				1	16
27 / 27																					16
25 / 25																					15
23 / 23																					6
21 / 21																					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
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4236 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS MONTH

 0000-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31										
TOTAL	.3	13.	31	5.	117.	017.	011.	4	9.1	7.6	4.2	1.5	1.0		.6									814.	815	814.	814

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.	3432973	50568	62.1	18.934	814							
Dry Bulb	2876835	47763	58.6	9.769	815			20.2	6.5	.9		93
Wet Bulb	2196156	41754	51.3	8.179	814		.8	2.6				93
Dew Point	1690631	36159	44.4	10.189	814		12.5	1.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724585 SALINA MAP KS 73-81 OCT
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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
9/ 95																.1		1	1		
9/ 93														.1		.2		3	3		
/ 91												.2		.1	.1	.4		7	7		
/ 89												.2	.2	.2	.5			10	10		
8/ 87											.2		.1	.2	.2			7	7		
6/ 85						.1				.2		.4	.2					8	8		
4/ 83						.1			.1	.2	.6	.5	.6	.1				19	19		
/ 81						.4	.2		.4	.5	1.0	.4	.2					25	25		
/ 79					.2	.2	.1	.9	.7	.6	.6	.4	.2	.1				34	34		
7/ 77				.2	.2		.4	1.5	.6	1.1	1.1	.1	.1					44	44		
5/ 75				.1	.5	.6	1.1	.9	.6	1.0	.6	.2	.1					47	47	1	
3/ 73			.1	.7	.4	.5	.9	.7	1.1	1.4	.6	.2						54	54	1	
/ 71			1.0	.5	.7	.5	.9	1.1	1.7	1.4	.6	.1	.1					70	70	9	1
/ 69			.2	.7	.5	1.1	.9	1.0	2.0	1.2	.2							64	64	16	1
/ 67			.4	.5	1.1	.7	1.4	1.1	1.0	.4								53	54	26	16
6/ 65		.2	.2	1.4	.4	1.4	.6	1.0	1.0	.5								54	55	43	18
4/ 63		.2	.4	.2	.1	.6	1.1	.4	1.1	.1								35	35	72	11
/ 61		.2	.1		.1	.6	1.0	.9	.5	.1								29	29	58	22
/ 59		.2	.2	.4	1.4	1.0	1.5	.6	.1									44	44	67	23
/ 57	.4	1.4	.2	.2	.2	1.5	.7	.2	.1									41	41	77	41
5/ 55	.1	.4		1.0	.9	1.1	1.2	.1										39	39	74	51
4/ 53	.4	.5	.2		.7	1.1	.4											27	27	72	37
3/ 51		.6	.7	.6	.6	.7	.2											29	29	59	28
5/ 49		.1	.4	.7	.2	.7	.1											19	19	52	47
/ 47		.2	.4	.1		.2												8	8	53	63
4/ 45		.9	.5		.1	.2												14	14	43	55
4/ 43		.4	.5	.1														8	8	34	52
2/ 41		.1	.2	.9														10	10	19	62
4/ 39		.6	.2															7	7	12	59
3/ 37																				13	52
2/ 35																				9	46
3/ 33																					44
2/ 31																					32
/ 29																					20

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724566 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | OCT 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
-/ 27																					16
-/ 25																					9
-/ 23																					3
22/ 21																					6
-/ 19																					2
-/ 17																					1
TOTAL	.9	6.2	6.2	8.5	9.5	13.6	12.7	10.4	11.1	8.8	5.7	2.8	2.1	1.0	.9	.7		812			810
																		810		810	

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.	2275383	39851	49.2	19.725	810							
Dry Bulb	3727456	54254	66.8	11.240	812			51.2	29.7	11.7	.5	93
Wet Bulb	2511111	44629	55.1	8.030	810			6.1	.2			93
Dew Point	1728925	36473	45.0	1.347	810		10.2	2.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]536 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 95																	.4	3	3			
[illegible] / 93															.2		.1	3	3			
/ 91												.2		.1	.2	.2	.2	9	9			
/ 89												.2		.6	.7	.1		14	14			
[illegible] / 87											.2		.4	.2	.7			9	9			
[illegible] / 85						.1			.1	.4	.6	.9	1.0	.1				26	26			
[illegible] / 83						.2		.5	.1	.2	.4	.9	.6					24	24			
/ 81					.1	.5	.7	.6	.7	.4	.5	.4	.2	.4				37	38			
/ 79					.2	.5	.1	.5	1.3	.6	.6	.5	.5	.1				41	41			
7 / 77						.5	1.3	.4	.2	.5	1.8	.5						43	43			
[illegible] / 75				.1	.4	.7	.7	1.1	1.2	2.3	.9	.6						66	66	1		
[illegible] / 73					.5	.4	1.0	.4	1.1	1.6	1.0	.2						50	50	5		
/ 71			.1	.5	.9	.5	.7	1.3	1.1	1.0	.6		.1					56	56	8	1	
/ 69		.1	.2	.2	.5	1.1	.7	1.7	1.3	.7	.5							59	59	18	4	
/ 67			.4	.1	.9	.7	1.1	.6	2.1	.6	.5							57	57	27	9	
6[illegible] / 65		.2	.1	.7	.2	.4	.9	1.2	1.1	.1								41	41	53	9	
4[illegible] / 63		.6	.5	.2	.1	.4	.7	1.0	1.3									37	37	59	14	
/ [illegible]		.4	.2	.5	.5	.4	.6	1.3	.2									34	34	78	25	
/ 59		.7	.2	.4	.7	.5	1.3	1.1	.2									43	43	61	25	
[illegible] / 57		.1	.2	.6	.7	.5	.6	.6										28	28	92	43	
5[illegible] / 55	.2	.4	.4	.2	.5	1.3	.9	.7										38	38	70	39	
[illegible]4 / 53	.5	.5	.1	.1	.5	.2	.9											23	23	77	38	
[illegible]2 / 51		.6	.2	.5	1.0	.5	.5	.1										28	28	55	35	
[illegible] / 49		.1	.5	.4	.2	.4												13	13	53	42	
[illegible] / 47		.2	.2	.1		.2												7	7	44	51	
[illegible] / 45		.2	.2	.7		.1												11	11	39	65	
[illegible] / 43		.4	.2	.1	.1													7	7	29	58	
[illegible] / 41		.6	.4	.4	.1													12	12	22	58	
[illegible] / 39		.1																1	1	16	61	
[illegible] / 37		.2																2	2	8	48	
[illegible] / 35		.1																1	1	6	48	
3 / 33																					51	
[illegible] / 31																					38	
[illegible] / 29																					18	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | OCT 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.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 27																					15
/ 25																					15
/ 23																					5
2/ 21																					2
/ 19																					5
/ 17																					1
TOTAL	.7	5.7	4.4	6.3	8.1	10.1	12.8	13.1	11.9	8.4	7.5	4.4	2.8	1.6	1.5	.4	.7		824		823
																		823.		823.	

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.	2065044	37920	46.1	19.665	823							
Dry Bulb	3980189	56465	68.5	11.608	824			56.2	36.8	16.1	.7	93
Wet Bulb	2597428	45762	55.6	8.021	823			6.7	.7			93
Dew Point	1728109	36717	44.6	10.466	823		11.2	1.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7745-6 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS 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
1/ 87														.1				1	1		
1/ 85											.1	.1	.1					3	3		
1/ 83									.1	.1		.1	.2	.1				6	6		
1/ 81						.1	.1	.1		.2		.2						7	7		
1/ 79					.1	.1		.2	.1	.2	.6	.1						13	13		
1/ 77					.4		.7	.1	.5	.2	.9		.1					24	24		
1/ 75				.1	.4	.9	.4	.4	.5	.4		.4						27	27		
1/ 73			.2	.2	.1	1.0	.1	.2	1.1	.5	.2							31	31		
1/ 71				.5	.5	.9	1.1	.5	.4	.9								38	38	4	
1/ 69		.2	.6	.4	1.4	.6	.4	1.1	.6	.1								44	44	6	
1/ 67		.2	.2	.6	.7	1.0	1.6	1.0	.4	.5	.1	.1						53	53	12	9
1/ 65		.7	1.1	1.0	.6	1.2	1.5	.6	.2	.2								59	59	30	9
1/ 63		.5	.7	1.0	1.7	1.0	2.1	.5	.1	.1								63	63	34	15
1/ 61		.9	1.6	.4	.7	1.4	1.4	.2	.2									55	55	57	13
1/ 59	.2	1.5	.7	1.0	1.5	1.0	.7	.7	.1									61	61	62	27
1/ 57		1.0	1.1	.9	1.6	1.4	.5	.2	.1									55	55	68	56
1/ 55	.2	.6	.9	1.0	1.2	1.4	.4	.1										47	47	73	52
1/ 53		1.2	1.1	.9	1.8	.9	.5											52	52	77	29
1/ 51	.1	.4	1.2	1.1	1.0	.6	.2											38	38	71	37
1/ 49	.7	.5	1.1	.7	1.1	1.1												43	43	67	62
1/ 47		.4	.4	1.1	.4	.5	.1											23	23	57	39
1/ 45		.5	.7	1.0	.4	.2												23	23	58	70
1/ 43	.1	.5	.7	.2	.2	.1												16	16	33	70
1/ 41		.5	.9	.4	.1													15	15	34	65
1/ 39		.5		.4														7	7	29	45
1/ 37		.4	.1															4	4	21	47
1/ 35		.5																4	4	10	53
1/ 33	.1	.1																2	2	9	32
1/ 31																					34
1/ 29																					8
1/ 27																					14
1/ 25																					13
1/ 23																					9
2/ 21																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | OCT 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. Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 1																				2
/ 15																				1
TOTAL		11.	113.	51	816.	15.	211.		6.1	4.5	3.6		1.1	.5	.2			814		814
																		814.	814.	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3'65317	48296	59.3	19.220	814							
Dry Bulb	3104715	49579	60.9	10.235	814			28.2	12.8	2.7		93
Wet Bulb	2307103	42835	52.6	8.074	814			2.7				93
Dew Point	1741852	36750	45.1	10.085	814		9.8	1.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723566 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS 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
/ 79								.1										1	1		
7 / 77							.4	.4										6	6		
7 / 75				.1	.1	.2	.1	.1	.2									8	8		
4 / 73			.4	.9		.2	.1											13	13		
/ 71			.2		.6	.1		.4	.4	.1								15	15		
/ 69			.2		1.0	.9	.4	.4	.1	.2								26	26	5	2
/ 67		.7	.5	.9	.2	.5	1.0	.4	.2									36	36	9	3
6 / 65		.7	.5	.9	1.0	.5	.7	.5	.1									40	40	18	12
4 / 63		1.2	.5	.5	.7	1.0	.7	.6	.2									45	45	27	14
/ 61	.2	1.6	.6	1.2	1.	2.0	.6	.5										63	63	31	9
/ 59	.1	2.1	.9	.7	1.7	1.1	.4	.2										59	59	40	26
/ 57		1.7	1.3	1.8	1.0	1.1	.2	.1										60	60	42	47
5 / 55		2.2	1.0	1.8	1.6	.6	.2	.1										62	62	61	28
4 / 53	.1	1.8	1.6	2.1	1.6	.6												64	65	70	40
/ 51	.1	1.6	1.0	1.3	.6	.5												42	42	77	42
/ 49	1.2	1.5	1.6	2.0	.9	.1												59	59	83	51
/ 47		1.3	1.3	1.2	.6	.1												38	38	64	55
/ 45	.1	2.0	1.3	1.2	1.2													48	48	68	60
4 / 43		1.6	1.3	1.6	.4													40	40	41	71
2 / 41	.1	.4	1.5	.5	.6													25	25	49	50
/ 39	.1	2.2	1.3	.4														33	34	29	72
/ 37	.1	.6	.5	.4														13	13	51	42
/ 35		.5	.2	.2														8	8	32	40
3 / 33	.4	.4	.2															8	8	22	45
/ 31	.1	.1	.1															3	3	5	40
/ 29																				3	20
/ 27																					14
/ 25																					9
/ 23																					7
2 / 21																					7
TOTAL	2.8	24.3	18.3	19.9	14.8	9.6	4.9	3.8	1.3	.4									817		815
																		815		815	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4186626	55738	69.6	17.052	815
Dry Bulb	2551014	44954	55.0	9.745	817
Wet Bulb	2063596	40424	49.6	8.482	815
Dew Point	1688833	36225	44.4	9.833	815

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.3	12.0	3.2			93
Wet Bulb		.9	1.6				93
Dew Point		11.1	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74556 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
≤/ 65																.0	.0					4	4		
-/ 33														.1	.0	.0	.0					6	6		
/ 91												.1		.1	.0	.1	.0					16	16		
/ 89												.1	.0	.1	.2	.0						24	24		
6/ 87											.1	.2	.1	.1	.1							18	18		
6/ 85						.2			.2	.1	.1	.2	.2	.2								38	38		
4/ 83						.2		.1	.1	.1	.1	.2	.2	.2								51	51		
-/ 81					.2	.1	.1	.1	.1	.1	.2	.1	.1	.2								71	72		
/ 79					.1	.1	.0	.2	.3	.2	.2	.1	.1	.0								96	96		
7/ 77				.2	.1	.1	.4	.3	.2	.2	.5	.1	.2									126	126		
-/ 75				.1	.2	.4	.3	.4	.4	.5	.2	.2	.2									164	164	2	
4/ 73			.2	.3	.2	.4	.3	.2	.5	.4	.2	.1										178	178	6	
/ 71		.1	.4	.2	.4	.4	.5	.5	.6	.5	.2	.0	.0									238	238	23	2
/ 69	.2	.2	.3	.2	.6	.6	.3	.7	.6	.3	.1											264	264	65	9
/ 67		.3	.3	.5	.6	.5	.6	.5	.5	.2	.1	.0										283	284	116	64
6/ 65	.1	.5	.5	1.0	.4	.6	.8	.6	.4	.1												319	320	177	78
4/ 63	.1	.7	.7	.7	.6	.7	.9	.5	.2	.0												323	323	256	80
/ 61	.1	1.1	.7	.6	.7	.9	.7	.5	.2	.0												359	359	339	117
/ 59	.2	1.6	.9	.7	1.2	.8	.7	.4	.1													433	433	384	183
/ 57	.3	1.3	.9	.9	1.1	.8	.5	.2	.2													387	388	449	349
5/ 55	.3	1.7	.7	1.1	1.1	1.0	.5	.2														428	428	494	330
4/ 53	.2	1.3	1.1	1.3	.9	.7	.3															380	382	512	297
-/ 51	.1	1.4	1.4	1.2	.9	.5	.2	.2														372	372	473	271
5/ 49	.3	1.2	1.5	1.2	.8	.5	.2															383	383	551	401
/ 47	.2	1.1	1.1	1.1	.4	.3	.1															263	264	491	376
/ 45	.3	1.4	1.1	.9	.4	.1																278	278	473	481
4/ 43	.1	1.2	1.1	.8	.3	.0																219	219	343	486
-/ 41	.1	1.3	1.1	.8	.2																	220	220	330	489
/ 39	.2	1.3	1.1	.5	.1																	194	195	270	462
2/ 37	.1	1.3	.6	.3																		149	149	257	364
/ 35	.2	.7	.5	.1																		99	99	228	414
3-/ 33	.3	.6	.2	.3																		69	69	146	348
/ 31	.1	.3	.1																			32	32	70	355
/ 29	.2	.1	.3	.3																		24	24	43	179

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74536 SALINA MAP KS 73-81 OCT
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
/ 27	.0	.1	.0															11	11	12	149
/ 25	.0	.1																5	6	13	119
/ 23		.0																3	3	6	51
21		.1																4	4	2	43
/ 19		.0																1	1	4	16
/ 17																					13
/ 15																					4
/ 13																					2
TOTAL	4.0	20.9	16.4	14.3	11.1	9.2	7.1	5.3	4.1	2.8	2.0	1.1	.7	.4	.3	.1	.1	6532	6541	6532	6532

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.	30304092	422830	64.7	21.193	6532		9.2	179.6	90.2	31.5	1.1	744
Dry Bulb	22644218	376126	57.5	12.463	6541		16.7	24.1	.9			744
Wet Bulb	17186261	329511	50.4	9.292	6532		106.0	8.5				744
Dew Point	13317719	287151	44.0	10.311	6532							744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV 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
67 / 65						.1												1	1		
64 / 63			.5		.3	.1												7	7		
/ 61		.1		.8	.6	.1	.1											14	14		
/ 59		1.1	.3	.3		.1	.1											15	15	8	2
/ 57	.5	1.4	.1			.3												18	18	13	13
55 / 55		1.3	.3		.4	.1	.1											17	17	24	9
/ 53	.3	.5	.8	1.4	.3													25	25	19	21
/ 51	.5	.9	.6	1.1	1.2		.1											33	33	10	13
/ 49	.5	.9	.4	.5	.6													23	24	25	19
/ 47	.3	3.1	.6	.5	.5													40	40	36	12
/ 45	.9	3.6	1.1	1.1	.7													56	56	43	30
44 / 43	.4	3.0	2.3	.5	.1													50	50	51	45
42 / 41	.4	3.1	2.5	1.0	.5													59	59	50	42
40 / 39		2.5	2.8	.9	.4													52	52	53	34
38 / 37	.9	3.5	1.5	.9	.1													55	56	62	43
/ 35	.9	3.9	1.4	.5														53	53	57	67
34 / 33	.6	4.8	.8															49	49	66	53
32 / 31	1.1	6.9	1.3															74	74	64	74
30 / 29	.8	3.6	.6															40	40	63	65
/ 27	.4	3.1	1.1															37	37	45	48
/ 25		1.6	.9															20	20	26	44
24 / 23		1.4	.1															12	12	25	27
22 / 21	.3	.9	.9															16	15	15	33
/ 19	.1	.4	.1															5	5	11	25
/ 17		.6	.3															7	7	8	19
16 / 15		.1	.1															2	2	3	16
14 / 13	.3																	2	2	4	5
12 / 11	.1	.1																2	2	2	12
/ 9	.1	.1																2	2	2	4
/ 7		.1																1	1	2	3
/ 5		.3																2	2		1
/ 3		.4																3	3	4	4
/ 1	.1	.3																3	3	3	
/ -1																				1	3

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV MONTH

PAGE 2 | 2000-0200 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
-3 / -5	3																	3	3	3	3
-1 / -7																					2
-1 / -9																					2
-3 / -11																					4
TOTAL	3	6	53	52	12	9	3	5	0	0	9	0	5								1
																		798	800	798	798

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5156838	63216	79.2	13.673	798							
Dry Bulb	1319936	31214	39.0	11.301	800	.3	26.0					90
Wet Bulb	1154174	29142	36.5	10.623	798	.5	31.7					90
Dew Point	970019	26141	32.8	11.943	798	1.7	44.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV 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
64/ 53			.1															1	1		
6 / 61		.3		.4	.5	.1												10	10		
6 / 59	.3	.6		.3	.3													11	11	6	3
6 / 57	.3	1.1	.9	.3	.4	.1												24	24	9	7
5 / 55	.3	1.4	.1	.1	.1	.4												19	19	20	13
5 / 53	.5	.9	.6	.5	.1													21	21	28	18
5 / 51	.1	.8	.6	1.3	.1													23	23	6	13
5 / 49	.3	1.3	.6	.6	.4													25	25	20	18
5 / 47		2.9	.5	.6	.1													33	33	26	11
4 / 45	.3	3.1	.8															32	32	40	26
4 / 43	.9	3.5	1.5	.5														50	50	48	39
4 / 41	.4	3.4	1.5	1.1														50	50	42	40
4 / 39	.8	3.1	1.3	.4														44	44	41	45
3 / 37	.5	3.0	2.1	.6														50	50	54	37
3 / 35	1.3	5.0	1.4	.6														66	66	64	40
34/ 33	1.1	6.1	1.8	.1														73	73	61	68
32/ 31	1.2	7.8	.8	.1														77	77	81	74
3 / 29	1.2	3.1	1.3															43	43	69	69
2 / 27	1.3	3.4	.3															39	39	47	51
2 / 25	.3	2.3	.5															24	24	36	53
2 / 23	.1	1.5	.1															14	14	20	26
2 / 21	.6	2.1	.3															24	24	21	24
1 / 19	.4	1.3	.1															14	14	16	36
1 / 17	.1	.4																4	4	12	22
1 / 15		.4																3	3	3	12
1 / 13	.1	.6																6	6	4	10
1 / 11	.1	.1																2	2	6	7
1 / 9		.1																1	1	.	10
0 / 7		.3																2	2	3	2
0 / 5		.1																1	1	.	4
0 / 3		.6																5	5	3	3
0 / 1		.3																2	2	5	1
0 / -1	.3																	2	2	2	3
0 / -3	.3																	2	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 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

7[illegible]4586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/-5																					4
-/-7																					3
-/-9																					1
-/-11																					2
TOTAL	12	26	70	71	7.4	2.0	.6												797		797
																		797		797	

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.	5460498	65266	81.9	12.066	797							
Dry Bulb	1211849	29735	37.3	11.346	797	.5	29.9					90
Wet Bulb	1084282	28116	35.3	10.776	797	.5	37.5					90
Dew Point	932941	25547	32.1	11.970	797	1.7	47.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 63		.3			.1		.1											4	4			
/ 61		.1		.4			.3	.3										8	8	2		
/ 59		.4	.1		.1	.1												6	6	2		3
/ 57	.1	.9	.8	.5	.1													19	19	6		4
5 / 55	.6	1.4	.1	.3														19	19	17		13
4/ 53	1.5	2.0	.4	.4	.1													31	31	33		20
2/ 51	.1	.3	.3	.1														6	6	15		24
5 / 49	.1	1.0	.6	.6	.3													21	22	14		8
-/ 47	.1	2.8	.9	.6	.1													36	36	19		12
6 / 45	.5	2.4	1.6	.6														41	41	34		25
4/ 43	1.1	2.3	1.4	.1														39	39	43		33
2/ 41	.4	2.7	1.0	.3														34	34	44		34
6 / 39	.5	2.8	1.4	.3														39	39	40		36
7 / 37	.6	6.1	1.5	.3														67	67	57		35
/ 35	.6	5.9	2.2	.4														72	72	65		50
3 / 33	1.5	4.8	1.3	.4														63	63	60		55
/ 31	1.9	8.7	.8															90	90	72		93
/ 29	.4	2.7	.3															26	26	75		67
/ 27	.4	3.4																30	30	32		45
/ 25	.8	3.9	.5															41	41	39		43
/ 23	.1	1.9	.4															19	19	31		31
2/ 21	1.1	1.1	.1															19	19	23		29
/ 19	.4	2.4																22	22	19		33
/ 17	.3	.6																7	7	14		20
1 / 15		.8																6	6	4		20
/ 13		.4																3	3	5		14
1 / 11	.1	.8																7	7	7		10
/ 9	.1	.4																4	4	5		5
/ 7		.5																4	4	5		3
/ 5		.1																1	1	2		4
/ 3		.1																1	1			5
/ 1	.3																	2	2	3		8
/ -1	.3																	2	2	2		1
- / -3	.1																	1	1	1		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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586	SALINA MAP KS	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/-5																					3
-/-7																					1
-/-11																					1
TAL	13.	76	3.	91	5.6	5.2	.9	.1	.4	.3									791		790
																		790		790	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5555306	65618	83.1	11.521	790							
Dry Bulb	1155571	28871	36.5	11.352	791	.3	32.4					90
Wet Bulb	1041762	27376	34.7	10.862	790	.3	38.6					90
Dew Point	903159	24988	31.6	11.955	790	.9	49.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586	SALINA MAP KS	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31								
76/ 75										.1								1	1		
74/ 73						.1												1	1		
72/ 71							.3			.1								3	3		
70/ 69							.1		.1									2	2		
68/ 67				.1	.1	.1	.1											4	4		
66/ 65			.3			.3		.1										5	5		
64/ 63			.4	.3	.3	.1	.3	.3	.1									13	13	2	
62/ 61		.1	.1	.1	.2	.1	.1											7	7	4	
60/ 59	.1	.6	1.0	.5	.4	.4	.1											25	25	8	8
58/ 57		.3	.9	.9	.9	.6	.1	.1	.1									31	31	12	3
56/ 55	.1	1.6	1.1	.6	.9	.3	.3											39	39	24	11
54/ 53	.4	1.3	.8	.9	.3	.4												31	31	29	24
52/ 51		.4	1.4	1.6	1.6	.5	.1	.1										46	46	31	17
50/ 49	.1	1.5	1.6	2.1	1.1	1.1	.3											63	63	36	21
48/ 47	.3	1.5	.6	.6	.9	.1	.1											33	33	47	26
46/ 45	.4	1.3	1.4	1.6	.3	.4												42	42	49	34
44/ 43	.6	2.4	1.9	1.6	.4	.1												56	56	53	37
42/ 41	.3	1.1	2.8	1.1	.5													45	45	49	47
40/ 39	.5	1.9	3.8	1.0	.5													61	61	54	45
38/ 37	.3	3.4	2.3	1.6	.4													63	63	63	34
36/ 35	.5	1.4	3.0	.8														45	45	72	50
34/ 33	.8	2.1	1.9	.9														45	46	49	59
32/ 31	.4	2.5	1.6	.1														37	37	64	77
30/ 29		2.1	.9															23	23	40	52
28/ 27	.1	.5	.6	.1														11	12	29	49
26/ 25		1.1	.6															13	13	15	40
24/ 23	.1	.5	.4															8	8	14	31
22/ 21	.5	1.1	.5															17	17	10	29
20/ 19	.1	.5	.1															6	6	16	33
18/ 17	.3	.3																4	4	8	14
16/ 15																			1	2	14
14/ 13		.3																2	2	2	9
12/ 11		.4																3	3		5
10/ 9		.5																4	4	5	5

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456	SALINA MAP KS	73-81	NOV
STATION	STATION NAME	YEARS	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					
/ 7		.3																	2	2	3	5
/ 5		.1																	1	1	2	5
/ 3																				1		1
/ 1																						2
/ -1																						4
/ -3																						1
TOTAL	5.8	33.8	37.1	16.8	8.7	4.7	1.9	.6	.4	.3										796		792
																			792		792	

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.	4270419	56827	71.8	15.621	792							
Dry Bulb	1558326	34002	42.7	11.541	796		15.2	1.2	.2			90
Wet Bulb	1282995	30827	38.9	10.251	792		23.9					90
Dew Point	1003460	26686	33.7	11.482	792	.6	42.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4936 SALINA MAP KS 73-81 NOV
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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 85														.1				1	1		
8/ 83													.1					1	1		
/ 81								.1	.3	.1			.1					5	5		
/ 79								.1	.3		.1	.1						5	5		
7 / 77									.1			.3						3	3		
6/ 75							.1		.1	.1	.1	.3						6	6		
4/ 73							.1			.3	.1							4	4		
2/ 71							.4	.3		.1		.1						7	7		
/ 69				.1	.4	.4	.1	.3	.3	.3	.1							15	15		
8/ 67				.3		.5	.9	.4	.4	.4								22	22	1	
6/ 65				.1		.8	1.2	.1	.3	.1								20	20	3	
4/ 63		.3		.9	.5	.8	.9	1.0	.3	.1								37	37	6	
/ 61		.4	1.4	.9	.6	1.2	.5	.9		.1								47	47	11	3
/ 59			.9	.8	.9	.9	.6	.3	.3	.3								38	38	12	3
/ 57		.5	.4	.5	.4	2.3	1.1	.4	.3	.1								46	47	35	7
5 / 55		.5	.3	.6	.5	1.9	1.0	.8	.3									46	46	41	15
/ 53	.1	.5	.6	.8	1.7	1.7	.4	.5										49	49	44	33
2/ 51		.3	.8	.4	1.1	1.2	1.0											36	36	44	15
5 / 49		1.8	.9	.9	1.4	1.2	.3											50	50	41	19
/ 47		.8	.3	1.5	1.5	.4	.1											36	36	62	31
/ 45	.3	1.5	.9	1.5	1.8	.1	.3											50	50	64	44
4/ 43		1.0	1.3	1.5	1.3	.9	.1											48	48	50	38
2/ 41		.5	.6	2.4	1.2	.1	.1											39	40	64	35
/ 39		.4	1.2	1.0	1.3													30	30	56	45
/ 37	.5	1.4	1.4	.8														32	32	48	34
/ 35	.3	.6	.6	.4														15	15	47	71
/ 33	.5	.6	.5	.4	.1													17	18	44	56
2/ 31	.5	.9	.6	.8														22	22	31	66
/ 29		.6	.6	.4														13	13	12	47
/ 27		.8	.6															11	11	14	53
/ 25	.4	.3	.4															8	8	19	30
/ 23		.3																2	2	8	18
2/ 21	.1	.3	.3															5	5	7	30
/ 19	.1	.3	.1															4	4	4	23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586	SALINA MAP KS	73-81	NOV
STATION	STATION NAME	YEARS	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
/ 17		.1	.1															2	2	1	22
1 / 15		.1	.1															2	2	2	16
/ 13		.6																5	5	3	7
1 / 11																				5	2
/ 9																					5
/ 7																					2
/ 5																					1
/ 3																					2
/ 1																					3
/ -1																					1
/ -3																					1
TOTAL	.8	15.4	15.0	17.1	14.6	14.2	9.2	5.1	2.7	2.1	.5	.8	.3	.1				779	782	779	779

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.	3008510	46020	59.1	19.392	779							
Dry Bulb	2091143	39189	50.1	12.764	782		8.5	7.9	2.9	.9		90
Wet Bulb	1528194	33594	43.1	10.107	779		12.2	.1				90
Dew Point	1048292	27166	34.9	11.390	779	.2	38.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?4536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV 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
6/ 85														.?				2	2		
-/ 83													.3					2	2		
/ 81									.1	.1		.1						3	3		
/ 79								.1	.1	.1		.1						4	4		
7- / 77								.1	.3		.6	.1						9	9		
76/ 75							.1				.1	.3						4	4		
74/ 73							.1	.1			.1							3	3		
-/ 71						.1	.5		.3	.1	.1							10	10		
/ 69					.4	.4	.6	.4	.4	.4	.3							22	22		
-/ 67			.4			.6	1.0	.6	.9	.3								30	30		
6/ 65				.5	1.?	.3	.6	.8	.6									30	30	3	
4/ 63		.3	.8	1.3	.8	.9	1.?		.4	.3								44	44	12	
/ 61		.4	1.2	.5	.5	.8	.6	1.2	.1									41	41	13	4
-/ 59			.1	.4	1.7	1.5	.6	.3	.4	.1								40	40	28	3
/ 57		.4		.3	.9	.9	1.?	1.3		.3								39	39	42	15
5 / 55		.3		.6	.9	1.2	.5	.6										32	32	28	19
-/ 53		.5	.1	1.0	1.2	1.7	1.2	.4										47	47	45	24
/ 51		.5	1.2	.6	2.1	1.4	1.5											57	57	38	20
5 / 49	.?	.9	.8	1.0	1.5	.8	.1											42	42	51	19
-/ 47	.4	.8	.3	.8	2.2	.6												39	39	60	31
47 / 45	.3	1.?	.9	1.3	1.?	1.3	.1											46	46	55	39
4/ 43		1.2	.8	1.3	1.?	.9	.4											41	41	46	37
2/ 41		.6	1.9	1.8	1.5	.5												50	51	60	41
-/ 39	.4	.4	.9	.9	.8	.1												27	27	54	55
? / 37	.4	.6	.9	.6	.3													22	22	43	41
?- / 35	.1	.6	.1	.1	.1													9	9	49	51
3- / 33	.5	.6	.6	.3	.3													18	18	42	59
2/ 31	.1	1.5	.9	.5	.1													25	25	22	59
/ 29	.1	.1	.8	.1														9	9	17	54
-/ 27	.1	.5	.5															9	9	14	37
/ 25		.3	.3															4	4	14	32
-/ 23		.1																1	1	5	28
2/ 21	.4		.3															5	5	5	28
/ 19	.3		.3	.1														5	5	2	26

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723586 SALINA MAP KS 73-81 NOV
STATION STATION NAME YEARS 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
/ 17	.1		.1															2	2	3	17
/ 15		.1	.1															2	2	3	15
/ 13		.4																3	3	2	6
1 / 11																				4	7
/ 9																					3
/ 7																					2
/ 5																					1
/ 3																					1
/ 1																					2
/ -1																					2
- / -3																					1
- / -7																					1
TOTAL	3.9	12.2	14.1	13.9	18.4	13.9	10.4	5.9	3.6	1.7	1.3	.6	.3	.1				778	779	776	778

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.	2869886	44672	57.4	19.878	778							
Dry Bulb	2182465	40007	51.4	12.818	779		7.5	10.3	3.1	1.0		90
Wet Bulb	1576435	34151	43.9	10.135	778		10.5					90
Dew Point	1069451	27371	35.2	11.708	778	.5	37.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 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
4/ 73							.3			.3								4	4		
/ 71						.1												1	1		
/ 69					.1	.1	.3	.1	.1									6	6		
/ 67				.1	.1	.5		.1		.1								8	8		
6/ 65			.3	.3				.3										6	6		
4/ 63	.1	.5	.6	.1	.4		.4											17	17	1	1
/ 61		.1	.9	.4		.1	.3	.1										15	15	11	4
/ 59		1.3	1.3	.3	.4	.4		.1										27	27	14	2
/ 57		1.1	.6	.4	1.1	.3	.3		.1									31	31	27	16
5/ 55	.1	.1	1.0	1.1	1.1	.4	.3	.1										34	34	21	20
4/ 53		.5	1.3	1.3	.8	.5	.1	.1										36	36	16	14
2/ 51		.8	.8	1.3	.6		.4											30	30	29	15
/ 49	.3	.6	1.7	1.5	1.3	1.0	.1											51	51	41	23
/ 47	.3	2.5	2.7	2.2	.5	.8												70	70	33	17
/ 45	.5	2.3	2.5	1.9	.6	.5												66	66	68	38
4/ 43	.6	1.3	2.0	1.7	.4													47	47	62	47
2/ 41	.3	1.4	2.3	1.4	.5													46	46	56	57
/ 39	.5	1.9	4.1	1.1	.5	.1												65	65	67	48
/ 37	.1	2.0	2.2	.9														41	41	67	41
/ 35	.1	2.7	3.1	.6	.3													53	54	70	49
3/ 33	.6	1.5	.5	.4	.1													25	26	45	66
2/ 31	.1	2.0	1.9	.6														37	37	42	69
/ 29	.3	1.3	.9	.1														18	18	27	58
/ 27	.1	.9	.5	.1														13	13	29	37
/ 25	.4	.5	.3	.1														10	10	20	44
/ 23		.1	.1	.1														3	3	8	19
2/ 21	.4	.5																7	7	8	18
/ 19		.3																2	2	4	27
/ 17	.1	.4																4	4	4	13
/ 15		.1																1	1	3	8
/ 13																				1	6
1/ 11		.4																3	3		9
/ 9		.6																5	5	3	3
/ 7		.1																1	1	6	1

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536	SALINA MAP KS	73-81	NOV
STATION	STATION NAME	YEARS	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
/		.1																1	1	1	
- / -	.1																	1	1	1	2
/ -																					4
/ -																					5
- / -																					3
- / -																					1
TOTAL	.1	27.6	31.5	18.1	8.9	4.8	2.3	1.0	.3	.4								785	787	785	785

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.	4156334	55736	71.0	15.932	785							
Dry Bulb	1650281	34929	44.4	11.282	787		12.1	2.2	.5			90
Wet Bulb	1353488	31610	40.3	10.141	785		18.0					90
Dew Point	1061846	27394	34.9	11.621	785	1.0	37.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72456 SALINA MAP KS 73-81 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL 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				
/ 69							.3											2	2		
/ 67							.4											3	3		
6/ 65					.5	.3	.1											7	7		
4/ 63		.6	.3	.4	.1													11	11		
/ 61			.3	.4														5	5	5	5
/ 59		.8	.8		.3	.3	.3											18	18	5	
/ 57	.1	1.3	.5	.5	.4	.8												26	26	20	11
5/ 55	.3	.4	.1	.8	.6	.3	.1											20	20	23	12
/ 53	.3	.6	.5	.5		.1												16	16	11	18
2/ 51	.4	.5	1.4	.6	.3	.1	.1											27	27	14	12
/ 49	.5	2.1	1.4	.6	.8	.4	.1											47	47	37	11
/ 47	.1	2.5	1.5	1.1	.8	.6												53	53	36	27
/ 45	.3	3.0	3.0	1.0	.3	.1												61	61	46	35
4/ 43	.4	2.4	2.4	1.3	1.3													61	61	50	32
/ 41	.5	2.5	2.1	.8	.5													51	51	67	55
/ 39	.3	2.7	2.5	.4	.3													48	48	60	46
/ 37	.4	3.2	2.4	.5	.1													52	52	53	42
/ 35	.8	4.2	1.5	.4														54	54	64	55
3 / 33	.8	3.7	1.9															50	51	68	58
/ 31	.4	6.1	2.0	.3	.1													70	70	53	72
/ 29		1.4	1.5	.1														24	24	54	62
/ 27	.4	1.5	1.6															28	28	27	56
/ 25	.3	1.4	.4															16	16	37	32
4/ 23	.1		.4															4	4	16	22
2/ 21	.4	.4	.5	.1														11	11	8	28
/ 19	.1	.8																7	7	9	36
/ 17	.1																	1	1	8	19
/ 15	.1																	1	1	1	4
/ 13	.3	.1																3	3	3	5
/ 11		.1																1	1	1	9
/ 9	.1	.3																3	3	1	6
/ 7		.4																3	3	2	6
/ 5		.3																2	2	4	2
/ 3		.1																1	1	2	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74486 — STATION
SALINA MAP KS — STATION NAME
73-81 — YEARS
NOV — 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	.1	.1																2	2	2	
/ -1	.3																	2	2	2	1
- / -3																					5
- / -5																					2
- / -7																					2
- / -9																					1
- /-11																					1
-1 /-13																					1
TOTAL	.6	43.1	29.1	9.7	6.2	2.9	1.4											791	792	791	791

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4769538	60332	76.3	14.575	791							
Dry Bulb	1415193	32287	40.8	11.186	792	.2	20.3	.6				90
Wet Bulb	1211383	29853	37.7	10.355	791	.2	26.2					90
Dew Point	991850	26432	33.4	11.725	791	1.5	42.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
6/ 85														.0								3	3		
4/ 83													.0									3	3		
/ 81								.0	.0	.0		.0	.0									8	8		
/ 79								.0	.0	.0	.0	.0										9	9		
7 / 77								.0	.0		.1	.0										12	12		
6/ 75							.0		.0	.0	.0	.1										11	11		
4/ 73						.0	.1	.0		.1	.0											12	12		
/ 71					.0	.0	.2	.0	.0	.0	.0	.0										21	21		
/ 69				.0	.1	.1	.2	.1	.1	.1	.0											47	47		
/ 67			.0	.1	.0	.2	.3	.1	.2	.1												67	67	1	
6/ 65			.1	.1	.2	.2	.2	.2	.1	.0												69	69	6	
4/ 63	.0	.2	.3	.4	.3	.2	.3	.2	.1	.0												134	134	19	1
/ 61		.2	.5	.5	.3	.3	.2	.3	.0	.0												147	147	46	16
/ 59	.2	.6	.6	.3	.5	.5	.2	.1	.1	.0												180	180	83	24
/ 57	.1	.8	.5	.4	.5	.6	.3	.2	.1	.0												234	235	164	76
56/ 55	.2	.9	.4	.5	.6	.6	.3	.2	.0													226	226	198	112
4/ 53	.3	.9	.6	.8	.5	.5	.2	.1														256	256	225	172
2/ 51	.1	.5	.9	.9	.8	.4	.4	.0														258	258	187	129
/ 49	.3	1.3	1.0	1.0	.9	.6	.1															322	324	265	138
/ 47	.2	2.1	.9	1.0	.8	.3	.0															340	340	319	167
46/ 45	.4	2.3	1.5	1.1	.5	.3	.0															394	394	401	271
4/ 43	.5	2.1	1.7	1.0	.6	.2	.1															392	392	423	308
42/ 41	.3	1.9	1.9	1.2	.6	.1	.0															374	376	432	351
/ 39	.4	2.0	2.2	.7	.5	.0																366	366	425	354
3 / 37	.5	2.9	1.8	.8	.1																	382	383	427	307
/ 35	.6	3.1	1.7	.5	.0																	367	368	488	433
30/ 33	.8	3.1	1.2	.3	.1																	340	344	455	474
2/ 31	.7	4.6	1.2	.3	.0																	432	432	429	564
/ 29	.3	1.8	.9	.1																		196	196	357	474
26/ 27	.3	1.8	.7	.0																		178	179	237	376
/ 25	.3	1.4	.5	.1																		136	136	206	318
2/ 23	.1	.7	.2	.1																		63	63	127	202
22/ 21	.5	.8	.3	.0																		104	104	97	219
/ 19	.2	.7	.1	.0																		65	65	83	239

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | NOV 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					
/ 17	.1	.3	.1																31	31	58	142
/ 15	.	.2	.0																17	18	21	165
/ 13	.1	.3																	24	24	24	62
1 / 11	.	.2																	18	18	25	61
/ 9	.	.3																	19	19	16	41
/ 7		.2																	13	13	21	24
/ 5		.1																	8	8	9	18
/ 3	.	.2																	11	12	16	21
/ 1	.1	.1																	9	9	13	20
/ -1	.1																		6	6	7	20
/ -3	.1																		6	6	6	18
/ -5																						12
/ -7																						9
/ -9																						6
/ -11																						5
/ -13																						1
TOTAL	7.6	38.6	21.7	12.2	8.1	5.2	3.2	1.6	.9	.5	.2	.2	.1	.0					6310	6324	6310	6310

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.	35247029	457687	72.5	18.023	6310							
Dry Bulb	12584764	270234	42.7	12.808	6324	1.4	152.4	22.0	6.6	1.9		720
Wet Bulb	10234713	244669	38.8	10.887	6310	1.5	199.2	.1				720
Dew Point	7981009	211725	33.6	11.789	6310	8.1	339.7					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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] / 57		.7																6	6		
56 / 55		.7																6	6	6	5
4 / 53		.4																3	3	7	2
52 / 51		.1		.1	.1													3	3	2	6
5 / 49		.4	.1		.1													5	5	3	2
[illegible] / 47			.6	.4														8	8	2	3
[illegible] / 45		.2	.6															7	7	2	2
42 / 43		.2	1.2	.5	.2													16	16	9	
2 / 41	.2	.7	.7	.2	.4													19	19	14	5
4 / 39	.1	1.8	.7	.4	.1													26	26	21	8
3 / 37	.9	3.5	1.3	.7	.1													54	54	35	29
[illegible] / 35	.4	5.5	2.4	.4														71	71	46	24
34 / 33	1.6	5.9	2.7	.2														85	85	89	49
2 / 31	2.2	7.4	2.8	.2														104	104	98	78
[illegible] / 29	1.2	4.3	1.7	.1														60	60	79	77
[illegible] / 27	1.5	6.2	1.2															73	73	73	63
[illegible] / 25	1.2	6.3	.6															67	67	86	57
[illegible] / 23	.5	3.2	.6															34	34	56	57
2 / 21	1.6	3.7	.9															50	51	42	61
[illegible] / 19	.2	3.2	.1															28	28	43	71
[illegible] / 17	.2	1.3	.5															17	17	22	42
16 / 15	.4	1.2	.7															19	19	17	26
[illegible] / 13		1.8	.1															16	16	13	37
1 / 11	.1	1.3	.4															15	15	19	18
/ 9	.1	.7																7	7	16	18
[illegible] / 7		1.2																8	8	6	14
[illegible] / 5		.6																5	5	11	7
4 / 3		.4																3	3	3	7
[illegible] / 1		.4																3	3	4	9
[illegible] / -1		.2																2	2		11
[illegible] / -3																				2	9
[illegible] / -5																					7
[illegible] / -7																					8
[illegible] / -9																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
-1 /-13																							1
-14/-15																							2
-4/-45																							1
TOTAL	12.	46	3.	3	1.	9														820	921	820	820

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5157816	64110	78.2	13.329	820							
Dry Bulb	785655	24171	29.4	9.502	821	.2	58.0					93
Wet Bulb	695060	22658	27.6	9.177	820	.2	66.9					93
Dew Point	548543	19021	23.2	11.447	820	4.9	77.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59		.1	.1															2	2		
5 / 57		.4																3	3	2	1
5 / 55		.6																5	5	3	2
4/ 53		.2																2	2	7	3
2/ 51		.1			.1													2	2		6
5 / 49		.6		.2														7	7	2	
4 / 47	.1	.4		.1														5	5	5	6
46/ 45			.2	.2														4	4	3	1
44/ 43		.4	.1	.1														5	5	5	3
42/ 41		1.1	.9	.5														19	19	4	2
4 / 39	.5	2.1	.2	.2	.2													27	27	19	5
38/ 37	.7	3.9	.6	.7														49	49	38	21
36/ 35	1.3	4.2	1.5	.1														58	58	45	33
34/ 33	1.1	3.3	2.4	.1														57	58	58	36
32/ 31	2.8	9.2	2.0	.1														115	115	81	73
/ 29	2.3	5.5	2.3															83	83	103	83
28/ 27	1.3	5.4	.9															62	62	73	65
26/ 25	1.3	6.5	.7															70	70	82	65
24/ 23	.9	3.8	.4															41	41	62	45
22/ 21	.9	3.2	1.0															41	41	45	60
/ 19	.6	5.5	.2															52	52	36	75
18/ 17	.2	1.2	.2															14	14	39	36
16/ 15	.5	1.8	.5															23	23	22	42
14/ 13	.1	2.2																19	19	12	32
1 / 11	.1	1.3	.6															17	17	21	24
/ 9	.1	1.8	.1															17	17	14	19
/ 7		.9																7	7	20	10
/ 5		.4																3	3	7	22
/ 3		.5																4	4	5	2
/ 1		.4																3	3	3	11
/ -1																					18
-2/ -3		.1																1	1		4
-4/ -5	.1	.1																2	2	3	12
-6/ -7																					5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 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
-/ -9																				3
/-11																				1
-1 /-13																				1
-1 /-17																				1
/-21																				1
TOTAL	1	6	6	9	1	5	.0	2	.6	.4								820		819
																	819		819	

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.	5338663	65313	79.7	12.613	819							
Dry Bulb	726218	23120	28.2	9.528	820	.3	65.1					93
Wet Bulb	651346	21796	26.6	9.336	819	.3	71.3					93
Dew Point	520793	18447	22.5	11.346	819	5.2	79.5					93

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

USAFETAC

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

PSYCHROMETRIC SUMMARY

724536 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59		.4																3	3		
5[illegible] / 57																				3	3
[illegible]4 / 53		.4																3	3		
[illegible]3 / 51		.1																1	1	3	
5[illegible] / 49		.2																2	2	1	3
[illegible] / 47	.2	.4		.4	.1													9	9	5	5
4[illegible] / 45	.1	.1																2	2	3	2
[illegible]4 / 43	.2		.2	.2														6	6	4	5
[illegible]2 / 41	.1	1.[illegible]	.4	.4														15	15	4	2
[illegible] / 39	.1	1.5	1.[illegible]	.2														23	23	13	6
3[illegible] / 37	.7	2.8	.9	.1														37	37	31	13
[illegible] / 35	1.6	3.[illegible]	1.5	.6														55	55	46	28
34 / 33	1.8	4.3	1.1	.1														60	60	49	40
[illegible] / 31	2.4	8.3	2.9	.1														113	113	83	74
[illegible] / 29	3.[illegible]	5.6	.9	.2														80	80	97	68
[illegible] / 27	.9	7.4	1.3															79	79	78	55
[illegible] / 25	1.2	6.7	1.2															75	75	89	46
[illegible] / 23	.4	2.6	.5															28	28	67	54
[illegible]2 / 21	1.1	3.6	.1															40	41	35	81
[illegible] / 19	1.2	5.3	.4															57	57	47	66
[illegible] / 17	.5	2.2	.5															26	26	41	37
1[illegible] / 15	.9	1.7	.5															25	25	20	47
[illegible]4 / 13	.4	2.3	.1															23	23	25	45
1[illegible] / 11	.5	1.3																15	15	22	27
[illegible] / 9	.2	3.2																28	28	21	16
[illegible] / 7		.9																7	7	20	11
[illegible] / 5		.4																3	3	6	7
[illegible]4 / 3	.2	.1																3	3	5	22
[illegible] / 1	.2	.1																3	3	3	19
[illegible] / -1																					10
-[illegible] / -3		.1																1	1	1	15
-[illegible]4 / -5		.1																1	1		5
-[illegible] / -7																				1	7
-[illegible] / -11																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 2 | 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						
-1 / -15																							7
-16 / -19																							1
TOTAL	1	166	13	4	2	4		1												823	824	823	823

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.	5394167	65805	80.0	12.699	823							
Dry Bulb	680314	22436	27.2	9.184	824	.2	68.6					93
Wet Bulb	612374	21190	25.7	9.014	823	.2	74.7					93
Dew Point	486864	17816	21.6	11.095	823	4.6	80.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4536 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6 / 65				.1														1	1		
/ 61		.2																2	2		
/ 59				.1														1	1	3	1
/ 57				.1		.1												2	2		2
5 / 55			.2				.1											3	3		
4 / 53			.1	.1	.2	.1	.2											7	7	3	
/ 51		.1		.1	.2	.1												5	5	2	1
/ 49		.1	.4	.2	.6	.1	.1	.1										14	14	2	3
/ 47		.4	.2	.4	.7	.1												15	15	4	4
4 / 45		.1	.7	1.6	.6		.1											26	26	11	1
4 / 43		.7	.6	1.6	.1	.4												28	28	7	4
2 / 41		.6	2.4	1.3	.4	.2												41	41	27	7
/ 39	.4	1.6	1.8	1.0	.7													45	45	44	11
/ 37	.7	2.3	2.1	2.4	.2													54	64	53	19
/ 35	1.6	2.7	4.3	1.3	.1													82	82	62	40
3 / 33	1.1	4.6	3.9	.5														83	84	68	48
2 / 31	1.2	7.0	2.9	.2														93	93	117	76
/ 29	1.1	3.1	2.1	.1														51	51	109	76
/ 27	.9	5.4	1.0	.2														61	61	49	81
/ 25	.5	2.2	1.2	.1														33	33	62	79
4 / 23	.2	1.5	.6	.1														20	21	31	56
2 / 21	.2	2.6	1.2															33	33	27	57
/ 19	.2	1.3	1.0															21	21	27	53
/ 17		1.3	.7	.1														18	18	20	27
1 / 15	.5	2.3	.4															26	26	24	32
1 / 13		1.2	.4															13	13	21	21
1 / 11		1.1	.4															12	12	14	16
/ 9		.7	.2															8	8	16	12
/ 7		.2																2	2	4	11
/ 5		.5																4	4	3	15
/ 3		.5																4	4	6	15
/ 1																				2	19
/ -1																					7
/ -3																					7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?45?6 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

PAGE ? | 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
- / -5																					3
- / -7																					4
- / -9																					2
- /-11																					2
-1 /-15																					2
- / -17																					1
- / -19																					1
-2 /-23																					2
TOTAL	3	644	529	012	0	4.0	1.2	.6	.1										422		818
																		818		818	

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.	4489438	59260	72.4	15.504	818							
Dry Bulb	920545	26249	32.0	9.901	820		45.4					93
Wet Bulb	766079	23917	29.2	9.041	818		60.5					93
Dew Point	557943	19317	23.6	11.161	818	3.5	77.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP K STATION NAME | 73-81 YEARS | DEC 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
/ 67					.1				.1									2	2		
6/ 65				.1	.2	.1		.2	.1	.2	.1							13	13		
4/ 63					.2	.1	.2	.1		.1								7	7		
/ 61				.1	.2	.1			.4	.1								8	8		
/ 59		.1			.6	.6	.5	.2	.1									18	18	2	
/ 57					.4	.7	.2	.9	.2									20	20	1	
5 / 55				.1	.7	.7	.7	.4										22	22	4	2
4/ 53		.1		.2	.6	1.5	.4	.2										25	25	7	3
/ 51	.1		.4	.2	.9	1.1	1.0	.1										31	31	10	2
3 / 49			.5	.6	2.4	1.2	.1	.1										40	40	12	5
/ 47		.2	.1	1.2	2.2	1.5												43	43	24	2
4/ 45		.2	.6	2.5	2.2	1.2	.4											58	58	38	6
4/ 43		.4	.6	2.2	1.5	.7	.1											45	45	38	12
3/ 41		.9	1.1	2.2	1.6	.2												49	49	59	13
4 / 39	.1	1.5	3.0	2.1	1.1	.1												64	65	78	17
3/ 37	.5	2.5	2.2	2.2	.5													64	64	69	31
/ 35	.6	2.1	3.3	1.7	.1													64	64	95	55
3/ 33	.7	3.5	2.1	.2	.1													54	55	81	47
2/ 31	.4	1.0	1.4	1.0														30	30	79	102
/ 29	.4	1.4	1.1	.2	.1													26	26	45	83
/ 27	.4	1.4	1.0	.5														26	26	28	75
/ 25		1.2	1.6	.1														24	24	27	67
/ 23		.2	.4															5	5	17	48
2/ 21		1.2	.7	.1														17	17	18	30
/ 19		.6	.7	.1														12	12	14	48
/ 17	.1	.9	.4	.1														12	12	15	33
1 / 15	.1	1.0	.4															12	12	11	29
/ 13		1.2	.2															12	12	14	15
1 / 11		.5	.1															5	5	11	13
/ 9		.1																1	1	5	13
/ 7			.2															2	2	2	17
/ 5																					8
/ 3																				2	7
/ 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

 1200-1400 HOURS I.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																					7
- / -3																					3
- / -5																					2
-1 / -13																					1
- / -25																					1
- / -71																					1
TOTAL	3.5	22.3	22.3	18.2	16.0	10.1	3.7	2.4	1.0	.5	.1							808	810		808
																		808		808	

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.	3300623	49567	61.3	17.949	808							
Dry Bulb	1390372	32206	39.8	11.652	810		21.1	.2				93
Wet Bulb	1033169	27893	34.5	9.332	808		33.1					93
Dew Point	648811	21291	26.4	10.430	808	1.7	70.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4586 — SALINA MAP KS — 73-81 — DEC
STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL 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							
/ 69											.1							1	1					
/ 67							.1	.2		.1	.2							6	6					
6/ 65					.2	.2	.2	.1	.1		.2							10	10					
4/ 63					.2	.2	.2	.4	.2	.2	.1							14	14					
/ 61			.4	.1	.2	.5		.4		.2								15	15					
/ 59				.2	.2	.4	.6	.5	.1									17	17	2				
/ 57				.1	.4	.7	1.0	.5										22	22	4	1			
5/ 55				.5	.2	1.1	1.5	.5	.1									32	32	6	2			
4/ 53			.2	.5	.7	.9	.1	.2										22	22	13	3			
2/ 51			.2	1.0	1.1	1.5	1.1	.2										42	43	8	1			
/ 49		.2	.2	.9	1.3	1.8	.7	.1										44	44	23	4			
/ 47	.1	.1	.1	1.3	2.8	2.1	.4	.1										58	58	35	8			
/ 45		.1	.5	2.4	1.7	1.0	.1											42	42	41	12			
4/ 43		.5	1.1	1.6	1.8	1.2	.1											52	52	46	13			
2/ 41		.2	.7	2.6	2.2	.1												48	48	44	14			
/ 39		1.3	2.6	1.6	1.2													55	55	85	15			
/ 37	.4	2.4	2.4	2.9	.6	.1												73	73	70	39			
/ 35	.4	2.2	1.7	1.0	.1	.2												46	46	93	49			
34/ 33	.1	3.8	1.8	.6														52	52	83	44			
32/ 31	.7	1.8	.6	.7														32	33	81	129			
/ 29	.6	1.2	1.2	.2														27	27	41	72			
/ 27	.5	1.1	.7	.5														23	23	28	63			
/ 25	.5	.7	.6	.4														18	18	24	65			
/ 23	.1	.4	.4	.1														8	8	17	38			
2/ 21	.1	.5	.6	.4														13	13	14	55			
/ 19		.7	.5															10	10	8	63			
/ 17		.6	.5	.2														11	11	12	26			
1/ 15		.7	.2															8	8	12	16			
/ 13	.1	1.5																13	13	11	12			
1/ 11		.5																4	4	14	13			
/ 9		.1	.4															4	4	4	11			
/ 7																				1	10			
/ 5																				2	13			
4/ 3																					8			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 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	TOTAL Wet Bulb	TOTAL Dew Point
/ 1																				9
/ -1																				4
- / -3																				3
-2 / -5																				2
-6 / -7																				2
-11 / -15																				2
-16 / -19																				1
TOTAL	3.6	20.8	17.8	19.8	14.5	12.0	6.2	3.3	.6	.6	.7							824		822
																	822		822	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3240276	49182	59.8	19.039	822							
Dry Bulb	1514591	33903	41.1	12.059	824		19.4	.8				93
Wet Bulb	1105672	29132	35.4	9.444	822		30.4					93
Dew Point	680540	22036	26.8	10.459	822	1.6	69.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 59		.4	.4															6	6		
/ 57			.1	.1				.1										3	3	3	
/ 55		.1	.2	.1	.1		.1											6	6	3	3
/ 53		.2	.2	.1	.2	.1	.1											9	9	2	
/ 51			.7		.5	.1	.2											13	13	5	4
/ 49		.4	.6	.4	.5		.2	.1										18	18	5	5
/ 47		.2	.4	1.0	.1	.2												16	16	10	3
/ 45	.1	.5	1.1	1.1	.2	.2												27	27	16	11
/ 43		.5	1.6	.9	1.6	.2												39	39	18	5
/ 41		.5	2.1	1.5	.5	.2												39	39	24	7
/ 39	.1	3.1	3.1	1.5	.4													66	67	32	14
/ 37	.5	3.4	2.7	1.5	.2													67	67	71	19
/ 35	.5	4.2	2.5	1.5														70	70	85	56
/ 33	.7	5.5	4.1	1.2														93	93	80	53
/ 31	1.5	5.0	3.5	.7	.1													87	87	89	92
/ 29	.6	4.5	1.9	.2														58	58	99	76
/ 27	1.4	2.5	1.0															39	39	71	60
/ 25	.5	2.5	1.4															35	35	47	72
/ 23	.1	.9	.4															11	11	30	59
/ 21	.1	1.0	1.1															18	18	14	45
/ 19	.2	1.5	.6															19	19	18	57
/ 17	.1	1.5	.7	.1														20	20	19	31
/ 15		1.1	.2															11	11	15	19
/ 13		.9	.2															9	9	12	19
/ 11		.7	.6															11	11	11	18
/ 9	.2	.6																7	7	10	13
/ 7		.2	.2															4	4	9	11
/ 5		.2																2	2	3	8
/ 3																				2	10
/ 1	.1	.1																2	2	2	8
/ -1																					8
/ -3																					3
/ -5																					11
/ -9																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/-11																					1
2/-23																					1
2/-25																					1
2/-33																					1
TAL	7.	42.2	31.9	12.0	4.6	1.2	.7	.2											806		805
																		805		805	

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.	4381063	58115	72.2	15.193	805							
Dry Bulb	1000944	27262	33.8	9.896	806		38.4					93
Wet Bulb	831983	24839	30.9	9.030	805		52.1					93
Dew Point	610444	20328	25.3	10.991	805	3.1	72.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724566 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 61		.2																2	2		
/ 59																				2	
/ 57			.2															2	2		2
5 / 55		.9	.2															9	9	2	
4 / 53																				8	1
2 / 51	.1	.1	.1	.1	.2													6	6	2	9
5 / 49		.2	.2	.2	.4													9	9	1	2
/ 47		.1	.2	.4														6	6	3	2
/ 45		.5	.4	.2	.1	.1												11	11	5	2
4 / 43		.5	.5	.4	.9													18	18	12	2
/ 41		1.2	1.6	.6	.2	.1												31	31	12	5
/ 39	.5	2.2	2.0	.6	.2													45	45	22	13
/ 37	.5	3.6	2.1	.9	.2													59	59	53	20
/ 35	.5	5.1	2.5	.9														72	72	69	30
/ 33	1.4	5.6	2.8	.2														81	81	77	59
/ 31	2.0	5.8	2.5	.5														87	87	88	82
/ 29	1.5	4.7	2.5	.5														74	74	77	71
/ 27	2.3	5.6	.9															71	71	94	66
/ 25	.6	5.3	.6															53	53	63	72
/ 23	.2	3.3	.2															31	31	55	48
2 / 21	.5	2.1	.2															23	23	33	53
/ 19	.4	2.7	.5															29	29	18	61
/ 17	.1	1.5	1.0															21	21	27	39
/ 15	.1	1.2	.6															16	16	15	30
/ 13		1.7	.2															16	16	16	25
/ 11		.6	.5															9	9	19	19
/ 9		1.4																11	11	7	17
/ 7		1.0																8	8	15	9
/ 5		.2																2	2	5	8
/ 3		.5																4	4	3	7
/ 1		.1																1	1	3	14
/ -1	.2																	2	2	3	12
/ -3																					2
/ -5																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
- / -7																					1
- / -9																					1
- / -11																					1
-3 / -35																					1
-3 / -37																					1
- / -39																					1
TOTAL	11.	58.	122.	7	5.6	2.3	.2											809		809	809

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.	4870729	61651	76.2	14.612	809							
Dry Bulb	831725	24747	30.6	9.617	809	.2	52.7					93
Wet Bulb	723937	23333	28.5	9.185	809	.3	62.2					93
Dew Point	560355	19071	23.6	11.709	809	4.7	76.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724566 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (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] / 69											.0							1	1		
[illegible] / 67					.0		.0	.0	.0	.0	.0							8	8		
[illegible] / 65				.0	.1	.0	.0	.0	.0	.0	.0							21	21		
[illegible] / 63					.1	.0	.1	.1	.0	.0	.0							21	21		
[illegible] / 61		.1	.0	.0	.1	.1		.0	.0	.0								27	27		
[illegible] / 59		.1	.1	.2	[illegible]	.1	.1	.1	.0									47	47	9	1
[illegible] / 57		.1	.0	.0	[illegible]	.2	.2	.2	.0									58	58	15	9
[illegible] / 55		.3	.1	.1	.1	.2	.3	.1	.0									83	83	24	14
[illegible] / 53		.2	.1	.1	.2	.3	.1	.1										71	71	47	12
[illegible] / 51	.0	.1	.2	.2	.4	.4	.3	.0										103	104	32	29
[illegible] / 49		.3	.3	.3	.7	.4	.2	.1										139	139	49	24
[illegible] / 47	.1	.2	.2	.6	.8	.5	.2	.0										160	160	88	33
[illegible] / 45	.0	.2	.5	1.0	.5	.3	.1											177	177	119	37
[illegible] / 43	.0	.4	.7	.9	.8	.3	.0											209	209	139	47
[illegible] / 41	.0	.8	1.2	1.2	.7	.1												261	261	188	55
[illegible] / 39	.2	1.9	1.8	1.1	.5	.0												351	353	314	89
[illegible] / 37	.6	3.1	1.8	1.4	.2	.0												467	467	420	191
[illegible] / 35	.9	3.6	2.5	.9	.0	.0												518	518	535	315
[illegible] / 33	1.1	4.5	2.6	.4	.0													565	568	585	376
[illegible] / 31	1.7	5.7	2.3	.5	.0													661	662	716	706
[illegible] / 29	1.3	3.8	1.7	.2	.0													459	459	650	596
[illegible] / 27	1.1	4.4	1.3	.2														434	434	494	528
[illegible] / 25	.7	3.9	1.0	.1														375	375	480	523
[illegible] / 23	.3	2.0	.4	.0														178	179	335	405
[illegible] / 21	.6	2.2	.7	.1														235	237	228	442
[illegible] / 19	.4	2.6	.5	.0														228	228	211	494
[illegible] / 17	.2	1.3	.6	.1														139	139	195	271
[illegible] / 15	.3	1.4	.4															140	140	136	241
[illegible] / 13	.1	1.6	.2															121	121	124	206
[illegible] / 11	.1	.9	.3															88	88	131	148
[illegible] / 9	.1	1.1	.1															83	83	93	119
[illegible] / 7		.5	.1															38	38	77	93
[illegible] / 5		.3																19	19	37	88
[illegible] / 3	.3	.2																18	18	26	78

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (YEARS) DEC (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				
/ 1	.0	.1																12	12	17	96
/ -1	.0	.0																4	4	3	77
- / -3		.1																2	2	3	46
-4/ -5	.1	.0																3	3	3	52
-6/ -7																				1	36
-8/ -9																					13
-10/-11																					6
-12/-13																					3
-14/-15																					8
-16/-17																					2
-18/-19																					3
-20/-21																					1
-22/-23																					3
-24/-25																					2
-30/-31																					1
-32/-33																					1
-34/-35																					1
-36/-37																					1
-38/-39																					1
-44/-45																					1
TOTAL	9.9	48.1	21.5	9.5	5.4	3.1	1.4	.8	.2	.1	.1								524	6534	6524	6524

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.	36172895	473703	72.5	16.973	6524							
Dry Bulb	7850364	214094	32.8	11.308	6534	1.0	369.0	1.0				744
Wet Bulb	6419627	194458	29.8	9.777	6524	1.1	451.6					744
Dew Point	4614293	157327	24.1	11.214	6524	29.4	603.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 STATION | SALINA MAP KS STATION NAME | 73-81 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	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
112/111																	.0	5	5		
11 /109														.0		.0	.0	17	17		
1 /107													.0	.0	.0	.0	.0	41	41		
1 /105											.0	.0	.0	.0	.0	.0	.0	79	80		
1 /103											.0	.0	.0	.0	.0	.0	.0	111	112		
1 2/101									.0	.0	.0	.0	.0	.1	.0	.0	.0	189	189		
1 0/ 99									.0	.0	.0	.1	.1	.1	.1	.0	.0	319	319		
9/ 97							.0	.0	.0	.0	.1	.1	.2	.1	.0	.0		502	505		
6/ 95								.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	566	566		
4/ 93						.0	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	661	661		
2/ 91					.0	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	782	782		
/ 89					.0	.0	.1	.2	.3	.2	.2	.1	.0	.0	.0	.0		956	956		
8/ 87					.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0			1120	1120		
6/ 85			.0	.0	.1	.4	.3	.4	.3	.2	.1	.1	.0	.0	.0			1338	1339	6	
4/ 83		.0	.0	.0	.2	.4	.4	.4	.2	.2	.1	.1	.0	.0				1497	1498	26	
2/ 81		.1	.0	.1	.4	.5	.5	.3	.2	.2	.1	.0	.0	.0				1704	1705	91	3
/ 79		.0	.1	.3	.5	.7	.3	.3	.2	.1	.1	.1	.0	.0	.0			2003	2003	276	12
7 / 77		.0	.2	.5	.6	.4	.4	.2	.2	.1	.1	.0	.0	.0				2193	2195	823	73
6/ 75		.1	.4	.7	.5	.4	.3	.3	.2	.1	.1	.0	.0					2345	2346	1888	176
4/ 73	.0	.2	.6	.7	.3	.4	.3	.2	.2	.1	.1	.0	.0					2346	2349	3048	635
2/ 71	.0	.5	.7	.5	.4	.3	.3	.2	.2	.1	.0	.0	.0					2488	2491	3047	1441
/ 69	.0	.7	.7	.5	.4	.3	.2	.3	.2	.1	.0	.0						2631	2635	3635	2573
/ 67	.0	.7	.7	.5	.4	.3	.3	.2	.1	.1	.0	.0						2548	2554	3548	3309
6/ 65	.1	.7	.5	.5	.4	.3	.3	.2	.1	.1	.0							2367	2373	3097	3378
4/ 63	.1	.8	.6	.4	.4	.3	.3	.2	.1	.0	.0							2353	2355	3007	3212
2/ 61	.1	.8	.5	.4	.4	.3	.2	.2	.1	.0	.0							2312	2313	2704	3280
/ 59	.1	.8	.5	.4	.4	.3	.3	.2	.1	.0								2339	2340	2715	2785
7 / 57	.1	.7	.5	.4	.4	.3	.2	.1	.0	.0								2187	2191	2546	3004
5 / 55	.1	.8	.5	.4	.4	.4	.2	.1	.0	.0								2261	2266	2606	2524
4/ 53	.1	.6	.5	.5	.4	.3	.2	.0	.0									1997	2004	2463	2393
2/ 51	.1	.7	.5	.5	.4	.3	.1	.0										1951	1955	2233	2235
5 / 49	.1	.7	.6	.5	.4	.3	.1	.0										2025	2027	2483	2290
3/ 47	.1	.8	.6	.5	.3	.2	.1	.0										1977	1979	2467	2152
2/ 45	.1	.8	.6	.6	.3	.1	.0	.0										2013	2014	2605	2340

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 (STATION) SALINA MAP KS (STATION NAME) 73-81 (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	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				
44/ 43	.1	.8	.7	.5	.3	.1	.0											1953	1955	2310	2277
42/ 41	.1	.9	.8	.6	.2	.0	.0											1955	1958	2321	2288
4 / 39	.2	.9	.9	.4	.2	.0												2039	2042	2403	2420
3 / 37	.2	1.2	.8	.4	.1	.0												2080	2086	2348	2196
3 / 35	.3	1.4	.9	.3	.0	.0												2207	2211	2626	2616
3 / 33	.5	1.6	.7	.1	.0													2230	2239	2736	2676
2 / 31	.6	2.0	.7	.1	.0													2604	2609	2793	3740
/ 29	.5	1.2	.5	.0	.0													1703	1703	2443	2909
/ 27	.3	1.3	.4	.0														1494	1495	1783	2541
/ 25	.2	1.2	.3	.0														1284	1285	1624	2314
/ 23	.1	.7	.2	.0														742	743	1228	1658
2/ 21	.3	.8	.2	.0														954	957	938	1690
/ 19	.2	.8	.1	.0														920	923	891	1744
/ 17	.1	.6	.1	.0														638	638	791	1135
/ 15	.1	.6	.1	.0														573	574	594	928
/ 13	.1	.6	.0															550	550	530	770
1 / 11	.1	.4	.0															413	413	589	674
/ 9	.1	.5	.0															474	474	466	579
/ 7	.0	.4	.0															336	337	442	458
/ 5	.0	.2	.0															159	159	290	333
4/ 3	.1	.2																216	217	276	396
/ 1	.1	.2																208	209	233	547
/ -1	.1	.0																115	115	150	388
- / -3	.1	.0																85	85	90	258
-4/ -5	.1	.0																85	85	87	259
-6/ -7	.1	.0																44	44	57	176
-8/ -9	.0																	24	24	25	164
-10/-11	.0																	15	15	15	94
-12/-13	.0																	6	6	6	83
-14/-15	.0																	7	7	7	62
-16/-17	.0																	4	4	4	47
-18/-19	.0																	1	1	1	54
-20/-21																					24
-22/-23																					13

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/-25																						5
[illegible]/-27																						1
[illegible]/-29																						2
[illegible]/-31																						2
[illegible]/-33																						1
-3 /-35																						1
[illegible]/-37																						1
[illegible]/-39																						1
[illegible]4/-45																						1
TOTAL	5.	9.	8.	17.	11.	5.	8.	8.	7.	3.	5.	5.	4.	3.	3.	3.	2.	4.	1.	9.	1.	3.	.	8.	.	6.	.	3.	.	2.	.	1.	76443	76341	76341	76341
																					76341			

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.	382135843	5193444	68.0	19.433	76341							
Dry Bulb	268728195	4201467	55.0	22.243	76448	43.7	1550.5	3063.7	2177.8	1261.9	290.2	8760
Wet Bulb	276930630	3717724	48.7	18.413	76341	50.1	1850.1	1904.6	717.2	25.7		8760
Dew Point	169747143	3293345	43.1	19.039	76341	185.8	2734.5	956.2	104.8	1.1		8760

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

PSYCHROMETRIC SUMMARY

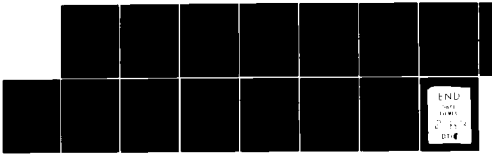
STATION _____ STATION NAME _____ YEARS _____ MONTH _____

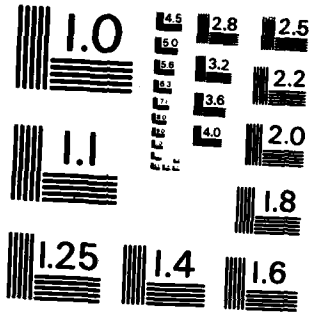
HOURS ... S. T

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						

AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82

UNCLASSIFIED USAFETAC/DS-82/088 SBI-AD-E880 213 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74586 SALINA MAP KS 73-81
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	22.5	28.1	39.2	50.5	57.8	68.2	74.7	72.7	63.6	51.8	39.0	29.4	49.3
	S D	12.474	12.635	11.035	10.288	8.064	7.630	5.902	6.647	9.518	9.861	11.301	9.502	19.840
	TOTAL OBS	816	756	808	796	778	698	726	772	785	818	800	821	9374
3-05	MEAN	21.3	26.4	37.2	48.1	55.4	65.6	72.0	69.9	60.9	49.5	37.3	28.2	47.3
	S D	12.324	12.711	10.867	10.032	8.618	7.578	5.667	6.535	9.464	9.879	11.346	9.528	19.423
	TOTAL OBS	826	756	812	789	776	725	760	787	789	819	797	820	9456
6-08	MEAN	20.3	25.2	36.5	48.6	57.2	68.0	74.1	70.6	60.8	48.9	36.5	27.2	47.9
	S D	12.460	12.679	10.732	9.734	8.351	7.112	6.106	6.454	9.281	9.684	11.352	9.184	20.303
	TOTAL OBS	823	743	815	790	812	798	818	816	787	822	791	824	9639
09-11	MEAN	24.6	31.2	43.6	56.9	65.8	77.4	83.8	79.9	70.3	58.6	42.7	32.0	55.6
	S D	13.030	13.487	11.545	10.494	8.436	7.801	7.551	7.144	9.694	9.769	11.541	9.901	22.103
	TOTAL OBS	816	744	819	787	818	787	811	817	787	815	796	820	9617
12-14	MEAN	31.8	38.7	50.5	62.8	71.6	83.8	90.5	86.6	77.5	66.8	50.1	39.8	62.7
	S D	14.499	15.380	12.964	11.372	9.025	8.616	8.562	8.302	10.931	11.240	12.764	11.652	22.458
	TOTAL OBS	810	751	819	792	813	788	819	815	787	812	782	810	9598
15-17	MEAN	33.6	41.5	52.8	65.0	73.2	86.1	92.6	88.7	79.4	68.5	51.4	41.1	64.6
	S D	14.965	16.487	13.863	11.718	8.956	9.154	8.717	8.844	11.021	11.608	12.818	12.059	22.769
	TOTAL OBS	823	747	819	781	815	792	825	816	788	824	779	824	9633
18-20	MEAN	27.5	35.8	47.8	60.4	68.9	81.7	88.1	84.0	73.7	60.9	44.4	33.8	59.0
	S D	13.363	14.336	12.246	10.793	8.180	8.805	8.476	8.366	10.368	10.235	11.282	9.896	22.713
	TOTAL OBS	825	741	804	781	812	796	814	808	790	814	787	806	9578
21-23	MEAN	24.3	30.8	42.3	54.0	61.9	73.2	79.5	76.6	66.9	55.0	40.8	30.6	53.0
	S D	12.859	12.865	10.688	10.087	7.519	7.668	6.660	6.999	9.587	9.745	11.186	9.617	20.774
	TOTAL OBS	817	748	813	794	804	761	796	806	796	817	792	809	9553
ALL HOURS	MEAN	25.7	32.2	43.8	55.8	64.1	75.7	82.1	78.7	69.1	57.5	42.7	32.8	55.0
	S D	14.026	14.932	13.115	12.208	10.593	10.932	10.457	10.143	12.093	12.463	12.808	11.308	22.243
	TOTAL OBS	6556	5986	6509	6310	6428	6145	6369	6437	6309	6541	6324	6534	76448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7?45?6 SALINA MAP KS 73-81
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	21.1	26.1	36.4	46.9	54.5	63.6	68.2	66.5	58.9	47.6	36.5	27.6	45.7
	S D	11.974	11.445	10.064	9.404	7.753	6.405	4.198	5.168	8.348	9.073	10.623	9.177	18.111
	TOTAL OBS	814.	756.	806.	796.	776.	698.	726.	771.	783.	817.	798.	820.	9361.
[illegible]-05	MEAN	20.0	24.7	35.1	45.3	52.8	62.3	67.1	65.1	57.3	46.1	35.3	26.6	44.5
	S D	11.915	11.703	10.112	9.484	8.229	6.702	4.315	5.311	8.610	9.300	10.776	9.336	18.167
	TOTAL OBS	822.	755.	812.	786.	775.	723.	758.	787.	788.	817.	797.	819.	9439.
6-08	MEAN	19.1	23.7	34.4	45.6	54.1	63.4	68.2	65.6	57.3	45.6	34.7	25.7	44.9
	S D	12.151	11.890	10.112	9.299	8.139	6.031	4.224	5.093	8.667	9.223	10.862	9.014	18.780
	TOTAL OBS	820.	742.	815.	790.	810.	798.	816.	815.	787.	822.	790.	823.	9628.
[illegible]-11	MEAN	22.5	28.2	39.2	50.5	56.7	67.4	72.1	69.8	62.2	51.3	38.9	29.2	49.2
	S D	12.168	11.621	9.782	9.035	7.615	5.620	4.027	4.632	7.690	8.179	10.251	9.041	18.708
	TOTAL OBS	815.	744.	819.	785.	817.	786.	810.	816.	787.	814.	792.	818.	9603.
12-14	MEAN	27.8	33.2	43.3	53.4	61.3	69.3	73.8	71.8	64.9	55.1	43.1	34.5	52.7
	S D	12.335	11.464	9.720	8.975	7.618	5.599	4.108	4.725	7.645	8.030	10.107	9.332	17.615
	TOTAL OBS	810.	751.	818.	791.	813.	786.	818.	814.	786.	810.	779.	808.	9584.
[illegible]-17	MEAN	29.1	34.9	44.4	54.4	61.9	69.8	74.0	71.9	65.2	55.6	43.9	35.4	53.4
	S D	12.298	11.484	9.717	8.893	7.296	5.546	4.007	4.576	7.523	8.021	10.105	9.444	17.260
	TOTAL OBS	823.	747.	815.	780.	813.	792.	825.	811.	788.	823.	778.	822.	9617.
[illegible]-20	MEAN	25.1	31.7	41.9	52.5	60.4	68.8	72.4	70.5	63.4	52.6	40.3	30.9	51.0
	S D	12.186	11.284	9.474	8.760	7.132	5.598	4.025	4.657	7.608	8.074	10.141	9.030	18.096
	TOTAL OBS	824.	740.	803.	781.	811.	796.	813.	808.	790.	814.	785.	805.	9570.
21-23	MEAN	22.6	28.2	38.7	49.2	57.2	66.1	70.0	68.2	60.5	49.6	37.7	28.5	48.0
	S D	12.212	11.147	9.395	8.955	7.343	5.804	4.017	4.949	7.920	8.482	10.355	9.185	18.171
	TOTAL OBS	815.	746.	811.	794.	803.	759.	796.	805.	795.	815.	791.	809.	9539.
ALL HOURS	MEAN	23.4	28.8	39.2	49.7	57.7	66.4	70.8	68.7	61.2	50.4	38.8	29.8	48.7
	S D	12.615	12.108	10.410	9.687	8.308	6.512	4.826	5.509	8.551	9.292	10.887	9.777	18.413
	TOTAL OBS	6543.	5981.	6499.	6303.	6418.	6138.	6362.	6427.	6304.	6532.	6310.	6524.	76341.

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724586 SALINA MAP KS 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
	MEAN	16.3	21.6	32.4	43.3	51.9	61.0	64.7	63.0	55.6	43.4	32.8	23.2	42.0
0-02	S D	14.015	12.208	11.390	10.164	8.523	6.857	5.112	6.219	9.154	10.301	11.943	11.447	19.162
	TOTAL OBS	814	756	806	796	776	698	726	771	783	817	798	820	9361
	MEAN	15.4	20.4	31.6	42.4	50.8	60.2	64.4	62.5	54.7	42.5	32.1	22.5	41.3
3-05	S D	13.946	12.696	11.189	10.223	8.761	7.089	4.989	6.023	9.221	10.459	11.970	11.346	19.335
	TOTAL OBS	822	755	812	786	775	723	758	787	788	817	797	819	9439
	MEAN	14.4	19.7	30.9	42.4	51.7	60.7	65.1	62.8	54.8	42.1	31.6	21.6	41.6
6-08	S D	14.497	13.128	11.272	10.191	8.889	6.733	4.747	5.813	9.347	10.385	11.955	11.095	19.847
	TOTAL OBS	820	742	815	790	810	798	816	815	787	822	790	823	9628
	MEAN	16.4	22.2	33.4	44.5	53.5	61.7	66.4	64.6	56.9	44.4	33.7	23.6	43.5
9-11	S D	14.321	12.431	10.803	10.460	9.364	7.156	5.098	6.074	8.979	10.189	11.482	11.161	19.549
	TOTAL OBS	815	744	819	785	817	786	810	816	787	814	792	818	9603
	MEAN	19.8	24.7	34.8	45.0	54.0	61.4	66.0	64.3	56.9	45.0	34.9	26.4	44.5
12-14	S D	13.686	10.997	10.813	10.928	9.746	7.729	5.792	6.603	9.685	10.347	11.390	10.430	18.529
	TOTAL OBS	810	751	818	791	813	786	818	814	786	810	779	808	9584
	MEAN	20.8	25.4	34.8	45.2	53.9	60.9	65.0	63.4	56.3	44.6	35.2	26.8	44.4
15-17	S D	13.198	10.368	10.799	10.976	9.692	7.822	6.259	6.665	9.929	10.466	11.708	10.459	18.062
	TOTAL OBS	823	747	815	780	813	792	825	811	788	823	778	822	9617
	MEAN	19.3	25.1	34.7	45.5	54.4	61.6	64.8	63.6	56.8	45.1	34.9	25.3	44.3
18-20	S D	13.761	11.000	10.459	10.274	9.136	7.600	6.098	6.450	9.387	10.085	11.621	10.991	18.450
	TOTAL OBS	824	740	803	781	811	796	813	808	790	814	785	805	9570
	MEAN	17.6	23.2	33.8	44.7	53.8	62.0	65.1	63.6	56.2	44.4	33.4	23.6	43.4
21-23	S D	14.125	11.640	10.498	9.836	8.539	6.744	5.363	6.357	9.018	9.833	11.725	11.709	18.994
	TOTAL OBS	815	746	811	794	803	759	796	805	795	815	791	809	9539
	MEAN	17.5	22.8	33.3	44.1	53.0	61.2	65.2	63.5	56.0	44.0	33.6	24.1	43.1
ALL HOURS	S D	14.101	12.009	10.959	10.447	9.178	7.255	5.499	6.315	9.378	10.311	11.789	11.214	19.039
	TOTAL OBS	6543	5981	6499	6303	6418	6138	6362	6427	6304	6532	6310	6524	76341

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

RELATIVE HUMIDITY

...5	SALINA MAP KS	72-81	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	...-...	100.0	100.0	100.0	99.3	97.3	89.9	71.3	44.6	17.9	77.6	914
	...-...	100.0	100.0	99.9	99.6	98.1	93.3	74.5	47.6	19.9	78.3	[illegible]
	...-...	100.0	99.9	99.8	99.1	97.3	89.5	75.6	48.4	20.3	78.8	[illegible]
	...-...	100.0	100.0	99.9	97.7	93.9	79.5	54.6	23.4	10.9	73.4	[illegible]
	...-...	100.0	99.5	97.5	91.3	77.0	56.8	31.9	14.2	5.9	68.0	[illegible]
	...-...	100.0	99.4	95.9	87.8	73.6	54.8	32.9	14.3	6.3	67.2	[illegible]
	...-...	100.0	100.0	99.8	97.8	92.7	80.3	57.0	29.3	9.6	72.1	[illegible]
	...-...	100.0	100.0	99.9	99.8	97.2	87.0	67.1	42.1	14.6	75.7	[illegible]
TOTALS		100.0	99.9	99.1	95.6	90.5	78.5	58.1	34.2	13.3	71.5	[illegible]

USAFETAC FORM AM 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

...4...6	...ALINA MAP KS	7?-81	...E...
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%		
...	3-02	1...0	1...0	99.9	98.9	96.4	89.6	71.7	47..	17.9	...7	...
	3-05	100.0	1...0	99.7	98.8	97.1	92.5	77.6	4...4	21.1	7...1	...
	6-08	1...0	1...0	1...0	99.1	97.8	93.4	81.7	...6	2...2	...1	742
	9-11	1...1	99.9	98.8	95.7	88.0	72.8	53.1	33.2	14.9	71.3	744
	12-14	1...0	98.3	92.1	82.3	68.0	52.7	36.2	22.1	11.3	61.7	751
	15-17	100.0	95.4	84.5	75.0	62.9	50.9	35.9	2...2	8.4	58.6	747
	18-2..	1...0	99.2	96.4	89.2	80.3	68.4	51.2	31.1	13.5	68.4	74...
	21-23	1...0	1...0	99.5	97.6	91.7	83.0	64.7	41.4	18.2	...1	746
TOTALS		100.0	99.1	96.4	92.1	85.3	75.4	58.9	37.0	15.9	71....	5981

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
...56	SALINA MAP KS	73-81	MAR

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%		
MAR	...-32	1...0	1...0	99.8	98.5	93.4	85.2	71.5	...2	28.2	7...7	...6
	...-5	1...0	1...0	99.9	99.5	95.8	90.3	79.6	59.7	31.7	...9	...1
	6-09	100.0	100.0	100.0	99.6	96.7	90.9	79.1	57.2	32.9	81.1	815
	10-11	100.0	100.0	98.4	93.8	83.0	69.6	51.4	31.3	16.0	69.9	814
	13-14	100.0	99.1	90.0	76.9	61.0	45.5	31.4	19.2	11.0	59.1	816
	16-17	100.0	95.6	83.7	70.2	56.2	38.5	27.5	16.5	10.2	55.6	815
	19-20	100.0	99.4	94.1	85.1	72.9	58.2	39.7	23.2	11.7	64.3	807
	21-23	100.0	100.0	99.9	96.7	88.9	78.4	59.6	34.5	18.6	77.7	811
TOTALS		1...0	99.3	95.7	90.0	81.0	69.5	54.9	37.9	19.5	73.4	6499

USAPETAC FORM AUG 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

4[illegible]6	SALINA MAP KS	73-81	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	0-02	100.0	100.0	99.9	99.0	94.8	87.2	72.4	4[illegible].2	1[illegible].1	[illegible]	[illegible]
	[illegible]-05	100.0	100.0	100.0	99.9	97.5	94.0	80.[illegible]	6[illegible].8	24.7	[illegible].5	[illegible]
	6-08	100.0	100.0	100.0	99.9	97.8	91.1	76.2	[illegible]3.5	22.5	7[illegible].9	[illegible]
	[illegible]-11	100.0	100.0	98.5	92.6	79.5	57.3	38.7	2[illegible].0	7.8	65.2	[illegible]
	12-14	100.0	99.[illegible]	92.3	75.[illegible]	55.[illegible]	36.7	22.3	1[illegible].5	5.2	55.5	[illegible]
	[illegible]5-17	100.0	98.7	87.1	69.8	48.5	30.3	21.[illegible]	12.3	5.5	[illegible].4	[illegible]
	[illegible]8-2[illegible]	100.0	99.7	96.7	85.4	66.5	48.4	30.6	17.9	5.[illegible]	[illegible].[illegible]	[illegible]
	21-23	100.0	100.0	99.9	98.4	91.1	76.7	56.4	[illegible]3.1	17.3	7[illegible].[illegible]	[illegible]
TOTALS		100.0	[illegible]9.7	96.6	89.5	78.[illegible]	65.5	49.8	3[illegible].6	12.5	68.1	[illegible]

USAFETAC FORM AWS 0-87-5 (OL A)

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

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
...46	SALINA MAP KS	77-81	MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	...-02	100.0	100.0	100.0	100.0	99.4	95.4	83.6	57.2	18.9	81.2	776
	...-05	100.0	100.0	99.9	99.7	99.4	97.5	90.1	72.9	31.1	84.9	77...
	...-08	100.0	100.0	100.0	100.0	99.6	97.2	84.9	54.0	23.7	81.1	...1
	...-11	100.0	100.0	99.1	95.6	83.5	61.6	28.4	10.2	4.6	66.1	817
	12-14	100.0	100.0	96.4	83.0	58.7	33.5	17.0	6.1	3.6	55.9	813
	...-17	100.0	99.9	94.1	76.4	48.8	27.1	14.6	6.1	3.9	57.1	813
	...-20	100.0	100.0	98.6	91.7	73.1	51.0	28.9	13.3	3.7	61.7	811
	21-23	100.0	100.0	100.0	99.8	97.8	87.7	66.6	37.4	8.1	75.4	...3
TOTALS		100.0	100.0	98.5	91.3	82.5	68.9	53.0	34.7	12.4	72..	8415

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

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
...56	SALINA MAP KS	72-81	JUN

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%		
J...	0-02	100.0	100.0	100.0	99.7	97.4	89.7	73.8	[illegible]	17.5	78.7	[illegible]
	3-05	100.0	100.0	100.0	100.0	99.3	95.3	84.4	[illegible]	29.5	83.1	[illegible]
	6-08	100.0	100.0	99.7	99.2	97.5	89.2	72.2	51.6	16.4	78.4	795
	9-11	100.0	99.5	98.1	89.7	72.9	47.7	26.3	[illegible]	1.9	[illegible]	786
	12-14	100.0	98.9	90.6	67.6	42.6	22.1	9.4	4.3	.9	49.1	786
	15-17	99.9	98.0	84.0	56.1	32.2	16.4	7.4	[illegible]	2.4	45.4	792
	18-20	100.0	98.9	92.3	74.5	52.9	31.3	15.6	7.2	2.8	53.1	796
	21-23	100.0	100.0	99.1	97.0	89.1	70.9	51.6	26.6	6.6	69.5	794
TOTALS		100.0	99.4	95.5	85.5	72.7	57.8	42.6	27.9	9.4	64.7	5179

USAPETAC FORM AUG 84 0-87-5 (OL A)

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]6	SALINA MAP KS	73-91	JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	0-02	100.0	100.0	100.0	99.6	93.4	75.9	59.3	34.4	7.6	70.4	7[illegible]
	03-05	100.0	100.0	100.0	99.5	96.4	86.3	73.[illegible]	45.6	14.9	75.[illegible]	7[illegible]9
	06-08	100.0	100.0	100.0	99.4	95.2	83.2	62.7	41.1	13.7	74.8	81[illegible]
	09-11	100.0	100.0	97.4	85.8	64.7	38.9	23.3	1[illegible].5	1.7	57.9	81[illegible]
	12-14	100.0	99.8	85.8	59.8	35.7	20.3	9.9	[illegible].9	.7	47.[illegible]	81[illegible]
	15-17	100.0	96.8	74.8	47.9	26.5	17.0	7.3	2.5	.4	43.[illegible]	8[illegible]5
	18-20	100.0	99.[illegible]	84.4	63.8	41.0	26.4	12.9	5.[illegible]	1.5	48.[illegible]	81[illegible]
	21-23	100.0	100.0	99.4	92.2	75.6	55.2	36.3	16.8	2.5	63.3	79[illegible]
TOTALS		100.0	99.4	92.7	80.9	65.7	50.4	35.6	20.4	5.[illegible]	6[illegible].7	4363

USAPETAC FORM JUL 84 0-87-5 (OL A)

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

RELATIVE HUMIDITY

4-6 | ALINA MAP KS | 73-81 | [illegible]
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%		
	0-02	100.0	100.0	99.9	98.4	91.	77.7	58.9	[illegible]	1[illegible].1	[illegible].1	[illegible]
	[illegible]-05	1[illegible].0	1[illegible].0	100.0	99.7	97.3	87.3	71.7	[illegible].2	1[illegible].3	[illegible]	[illegible]
	6-08	1[illegible].0	1[illegible].0	100.0	99.3	96.4	86.1	70.4	[illegible]	1[illegible].2	77.4	[illegible]
	[illegible]-11	100.[illegible]	[illegible].6	98.[illegible]	93.8	74.9	52.3	29.[illegible]	1.[illegible]	[illegible].[illegible]	51.[illegible]	316
	12-14	100.[illegible]	99.[illegible]	91.3	68.7	42.6	24.9	10.1	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible]14
	15-17	100.[illegible]	[illegible].3	83.7	54.5	31.9	18.0	8.6	[illegible].8	1.[illegible]	45.[illegible]	[illegible]1
	18-2[illegible]	100.[illegible]	99.3	92.6	73.0	50.6	31.6	17.[illegible]	[illegible].2	1.5	57.[illegible]	
	21-23	1[illegible].0	100.0	99.4	93.8	80.4	63.1	43.0	22.[illegible]	4.1	60.[illegible]	[illegible]1
TOTALS		100.[illegible]	[illegible].4	95.6	84.8	70.[illegible]	55.1	38.6	2[illegible]	[illegible].7	63.1	642[illegible]

USAPETAC FORM 0-87-5 (OL A)

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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%		
	-05	100.0	100.0	100.0	99.4	95.5	83.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	-08	100.0	100.0	100.0	99.5	98.5	93.1	75.0	[illegible]	[illegible]	[illegible]	[illegible]
	-11	100.0	100.0	100.0	100.0	99.7	93.9	79.3	[illegible]	[illegible]	[illegible]	[illegible]
	-14	100.0	100.0	99.5	93.9	76.0	54.4	36.1	[illegible]	[illegible]	[illegible]	[illegible]
	-17	100.0	99.6	97.8	67.4	45.5	30.0	17.2	[illegible]	[illegible]	[illegible]	[illegible]
	-20	100.0	98.7	84.1	56.7	38.2	24.4	13.5	[illegible]	[illegible]	[illegible]	[illegible]
	-23	100.0	99.9	96.7	79.9	59.6	42.5	29.7	[illegible]	[illegible]	[illegible]	[illegible]
		100.0	100.0	100.0	97.2	86.7	67.7	51.8	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		100.0	99.8	96.4	86.8	74.8	61.1	46.7	[illegible]	[illegible]	[illegible]	[illegible]

USAPETAC FORM 0-87-5 (OL A)

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

RELATIVE HUMIDITY

...486	SALINA MAP KS	77-81	OCT
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	0-02	100.0	100.0	100.0	98.3	93.[illegible]	79.6	6[illegible].5	[illegible].7	19.5	74.[illegible]	[illegible]17
	3-05	100.0	100.0	100.0	99.1	95.1	86.0	67.[illegible]	[illegible].1	[illegible].9	79.[illegible]	[illegible]17
	6-08	100.0	100.0	100.0	98.2	95.4	87.6	72.4	[illegible].5	25.1	73.[illegible]	[illegible]22
	9-11	100.0	99.9	96.9	85.4	68.8	49.9	34.[illegible]	[illegible].0	[illegible].7	62.[illegible]	[illegible]14
	12-14	100.0	96.7	81.7	59.8	[illegible].4	26.4	16.9	[illegible].3	3.6	49.[illegible]	[illegible]21
	15-17	100.0	95.7	76.9	51.6	34.9	21.7	12.3	[illegible].5	[illegible].5	46.[illegible]	[illegible]23
	18-20	100.0	99.3	94.[illegible]	[illegible]1.0	64.1	44.1	29.6	[illegible]1.1	[illegible].4	[illegible]9.3	[illegible]14
	21-23	100.0	100.0	99.3	[illegible]5.8	83.6	68.1	47.2	[illegible]1.3	11.4	[illegible]1.6	[illegible]15
TOTALS		1[illegible]0.0	99.[illegible]	93.6	83.7	71.9	57.9	42.7	[illegible]2.0	12.6	64.7	[illegible]837

USAPETAC FORM AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7...366	SALINA MAP KS	73-81	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.4	96.5	89.1	74.3	53.6	24.4	79.2	793
	03-05	100.0	100.0	100.0	100.0	99.4	94.0	80.1	62.6	29.7	81.9	797
	06-08	100.0	100.0	100.0	99.6	99.1	96.3	85.3	64.1	32.3	83.1	797
	09-11	100.0	100.0	99.5	97.0	90.3	75.8	53.7	31.2	13.9	71.8	792
	12-14	100.0	99.6	94.6	83.1	63.7	41.6	28.8	16.2	8.1	59.1	779
	15-17	100.0	99.4	93.1	78.8	58.7	39.3	25.4	15.4	7.6	57.4	778
	18-20	100.0	100.0	99.5	95.5	87.5	75.9	53.8	29.3	11.2	71.6	785
	21-23	100.0	100.0	99.9	99.0	93.7	84.8	66.4	43.9	13.7	76.3	791
TOTALS		100.0	99.8	98.3	94.1	86.3	74.6	58.4	39.5	18.2	72.5	6313

U... ...C FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	SALINA MAP KS	73-81	[illegible]

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%		
[illegible]	[illegible]-02	99.9	99.9	99.8	99.3	96.3	86.8	73.4	[illegible].3	17.[illegible]	[illegible]	[illegible]
	[illegible]-05	100.0	100.0	100.0	99.8	97.3	91.7	77.0	59.1	21.2	79.7	814
	06-08	100.0	100.0	100.0	99.5	97.7	91.4	77.5	[illegible].4	22.8	80.0	823
	[illegible]-11	100.0	100.0	99.1	96.8	91.6	77.5	56.[illegible]	32.6	13.7	72.4	818
	12-14	100.0	99.5	96.7	87.6	69.9	49.4	29.2	17.1	7.[illegible]	61.3	804
	15-17	100.0	98.8	95.7	82.5	65.0	45.9	28.3	16.1	[illegible].5	59.6	822
	18-20	100.0	99.9	99.1	96.9	91.4	78.4	57.[illegible]	34.[illegible]	13.[illegible]	72.2	[illegible].5
	21-23	100.0	99.6	99.5	99.1	93.7	84.3	69.5	46.5	15.8	76.[illegible]	809
TOTALS		1[illegible].2	99.7	98.7	95.2	87.9	75.9	58.[illegible]	[illegible].8	14.8	72.[illegible]	6524

USAFETAC FORM AM 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

...46	...ELINA MAP KS	73-31	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%		
...B	ALL	1...0	99.9	99.1	96.6	90.5	78.5	58.1	...2	17.3	...5	...43
...R		1...0	99.1	96.4	92.1	85.3	75.4	58.9	...0	15.9	...5	...81
...Y		1...0	99.3	95.7	91.0	81.7	69.5	54.9	...9	19.5	...4	...89
...N		100.0	99.7	96.8	89.5	78.8	65.5	49.8	...8	13.7	...1	...37
...Y		100.0	100.0	98.0	93.3	82.5	68.9	53.1	...7	12.4	...0	...13
...N		100.0	99.4	95.5	85.5	72.7	57.8	42.6	...8	9.4	64.7	61...
...L		100.0	99.4	92.7	80.9	65.7	50.4	35.6	...4	5.0	...7	...36
...G		100.0	99.4	95.6	84.6	70.7	55.1	38.6	24....	6.7	...1	...27
...P		100.0	99.8	96.4	86.8	74.8	61.1	46.7	...8	17.0	...5	...74
...T		100.0	99.0	93.6	83.7	71.9	57.9	42.7	...2	12.6	64.7	...53
NOV		100.0	99.8	98.3	94.1	86.0	74.6	58.4	...5	18.2	...5	...31
DEC		100.0	99.7	98.7	95.2	87.9	75.9	...5	...8	14.8	...5	...94
TOTALS		100.0	99.5	96.4	89.4	79....	65.9	49.8	...2	12.7	68.1	...41

...217

USAFETAC FORM 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

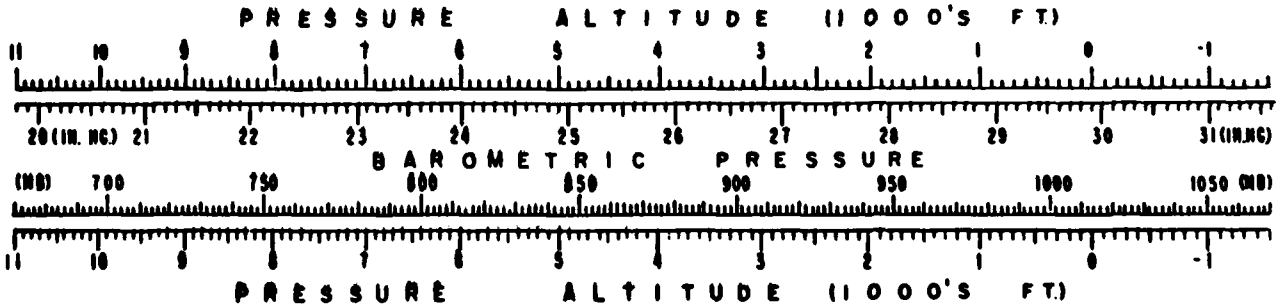
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

724586 SALINA MAP KS 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3	MEAN	28.743	28.693	28.560	28.557	28.531	28.553	28.602	28.611	28.633	28.654	28.681	28.691	28.626
	S D	.237	.243	.239	.199	.171	.154	.094	.108	.155	.193	.214	.247	.206
	TOTAL OBS	273	250	275	264	258	237	240	258	262	271	266	271	3125
6	MEAN	28.736	28.684	28.551	28.557	28.522	28.547	28.596	28.608	28.630	28.654	28.673	28.671	28.620
	S D	.240	.249	.246	.205	.180	.160	.095	.108	.154	.198	.220	.248	.210
	TOTAL OBS	278	250	274	266	257	233	245	258	265	274	262	268	3130
9	MEAN	28.732	28.681	28.557	28.564	28.538	28.563	28.608	28.611	28.647	28.665	28.677	28.670	28.626
	S D	.246	.247	.248	.207	.179	.159	.093	.115	.156	.202	.223	.253	.209
	TOTAL OBS	276	247	275	262	268	265	271	272	264	274	263	271	3208
12	MEAN	28.760	28.710	28.581	28.587	28.562	28.574	28.623	28.624	28.665	28.682	28.702	28.690	28.646
	S D	.251	.243	.252	.212	.182	.161	.095	.114	.160	.205	.225	.248	.211
	TOTAL OBS	273	250	276	259	276	261	266	270	258	272	265	271	3197
15	MEAN	28.754	28.712	28.570	28.580	28.551	28.565	28.610	28.616	28.654	28.671	28.691	28.693	28.638
	S D	.257	.243	.253	.207	.179	.159	.096	.114	.154	.205	.224	.248	.211
	TOTAL OBS	268	248	277	263	271	263	268	271	261	270	262	274	3196
18	MEAN	28.701	28.657	28.524	28.538	28.516	28.528	28.573	28.573	28.609	28.620	28.641	28.644	28.593
	S D	.253	.237	.245	.202	.175	.156	.096	.112	.156	.199	.219	.243	.205
	TOTAL OBS	274	248	273	261	271	263	276	273	262	275	256	275	3207
21	MEAN	28.706	28.663	28.521	28.525	28.495	28.504	28.543	28.546	28.598	28.618	28.656	28.662	28.587
	S D	.246	.233	.235	.194	.168	.153	.098	.114	.154	.195	.218	.238	.205
	TOTAL OBS	273	247	269	256	263	258	273	265	266	270	263	269	3172
ALL HOURS	MEAN	28.726	28.696	28.548	28.553	28.516	28.524	28.571	28.580	28.627	28.641	28.670	28.683	28.611
	S D	.248	.223	.233	.195	.167	.148	.096	.112	.155	.193	.217	.239	.203
	TOTAL OBS	271	247	273	265	273	264	278	270	262	275	263	271	3212
	MEAN	28.732	28.687	28.552	28.558	28.529	28.545	28.590	28.596	28.633	28.651	28.674	28.674	28.618
	S D	.248	.240	.244	.203	.176	.158	.099	.115	.157	.199	.220	.246	.208
	TOTAL OBS	2186	1987	2192	2096	2137	2044	2117	2137	2100	2181	2100	2170	25447

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

MEANS AND STANDARD DEVIATIONS

...EA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

...436 ALINA MAP MS 73-81
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN	1...21.6	1019.7	1014.2	1013.4	1012.0	1012.3	1013.7	1014.2	1015.4	1016.7	1018.6	1019.1	1016.7
	S D	9.031	9.218	8.925	7.366	6.313	5.673	3.614	4.054	5.328	7.223	7.986	9.184	7.979
	TOTAL OBS	273.	249.	275.	264.	258.	237.	240.	258.	261.	271.	266	...71	3123.
	MEAN	1...21.4	1019.2	1015....	1013.2	1011.7	1012.1	1013.5	1014.1	1015.2	...16.7	...16.2	1014.6	1015.7
	S D	9.132	9.355	9.211	7.615	6.645	5.846	3.549	4.044	5.747	7.380	8.248	9.212	8.034
	TOTAL OBS	273.	252.	274.	266.	257.	232.	245.	259.	265.	274.	263.	270.	3137
	MEAN	1021.5	1019.3	1014.1	1013.7	1012.3	1012.7	1014.0	1014.3	1016.0	1017.2	1018.4	1018.6	1016.7
	S D	9.360	9.301	9.221	7.635	6.559	5.943	3.516	4.268	5.851	7.505	8.265	9.428	8.001
	TOTAL OBS	277.	248.	275.	262.	264.	265.	273.	269.	264.	274.	264.	272	3211.
	MEAN	1022.5	1020.4	1015....	1014.6	1013.1	1013.1	1014.6	1014.8	1016.6	1017.9	1019.4	1019.6	1016.9
	S D	9.509	9.160	9.411	7.790	6.681	5.935	3.579	4.264	5.960	7.585	8.364	9.151	8.099
	TOTAL OBS	271.	251.	275.	260.	277.	260.	268.	270.	253.	273.	264.	273.	3196.
1	MEAN	1022.2	1020.3	1014.5	1014.3	1012.8	1012.7	1014.0	1014.4	1016.2	1017.3	1018.9	1019.5	1016.4
	S D	9.714	9.160	9.397	7.585	6.605	5.857	3.594	4.274	5.764	7.610	8.319	9.210	8.091
	TOTAL OBS	267.	248.	277.	262.	264.	263.	267.	270.	261.	270.	263.	273.	3185.
	MEAN	1020.1	1019.3	1012.8	1012.7	1011.4	1011.4	1012.6	1012.8	1014.5	...15.4	1017.0	1017.7	1014.7
	S D	9.597	9.898	9.141	7.436	6.495	5.718	3.616	4.196	5.804	7.344	9.149	9.756	7.857
	TOTAL OBS	269.	246.	273.	262.	259.	266.	276.	272.	262.	279.	257.	273.	3193.
	MEAN	1...20.5	1018.6	1012.7	1012.3	1010.8	1010.6	1011.6	1011.9	1014.2	...15.5	1017.7	1018.4	1014.6
	S D	9.322	8.779	8.813	7.138	6.193	5.613	3.669	4.275	5.747	7.224	9.097	8.942	7.913
	TOTAL OBS	273.	247.	269.	256.	265.	262.	273.	266.	266.	271.	263.	269.	3179.
	MEAN	1021.3	1019.7	1013.8	1013.3	1011.5	1011.3	1012.6	1013.1	1015.2	...16.4	1018.2	1018.4	1015.5
1	S D	9.403	8.670	8.665	7.240	6.141	5.400	3.586	4.206	5.810	7.169	8.024	8.957	7.857
	TOTAL OBS	270.	249.	273.	264.	273.	264.	276.	269.	262.	275.	263.	270.	3213.
ALL HOURS	MEAN	1021.4	1019.4	1013.9	1013.4	1012.0	1012.0	1013.3	1013.7	1015.4	...16.7	...16.3	1018.9	1015.7
	S D	9.397	9.084	9.119	7.499	6.485	5.798	3.688	4.293	5.856	7.415	8.198	9.176	8.005
	TOTAL OBS	2178	1992	2192	2098	2121	2049	2120	2133	2094	2183	2103	2171	25434

USAF ETAC FORM OCT 78 0-89-5 (OL A)

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