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

1/6

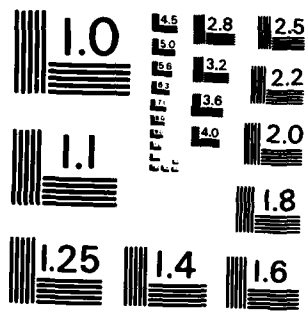
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MICROCOPY RESOLUTION TEST CHART
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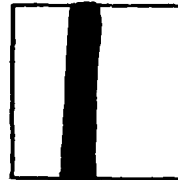
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS
REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

22 SEP 1982

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

PARTS A-F
FOR FROM HOURLY OBS: JAN 73 - DEC 81
FOR 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	
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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 Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) THIS report is a six-part statistical summary of surface weather observations for 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 frequency 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 occurrence or cumulative percentage frequency of occurring tables.

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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.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY 724586	STATION NAME SALINA MAP, KS	LATITUDE N 38 48	LONGITUDE W 97 39	FIELD ELEV (FT.) 1282	CALL SIGN SIN	WMO NUMBER
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	WT. BARG.	
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	

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.

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 FEDERAL WEATHER SERVICE/MAC

WEATHER CONDITIONS

97-5
 STATION

WALINA MAP KS
 STATION NAME

73-81
 YEARS

JAN
 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	1-07		2.0	.4	5.4		8.5	10.3		2.0		11.4	317
	08-15		1.5	.8	7.4		9.3	11.6	.1	1.7		12.7	327
	06-16		1.9	1.3	5.1		9.4	12.4	.6	2.5		14.5	327
	09-11		1.6	1.1	3.1		10.0	13.4	.2	2.1		15.3	319
	12-14		.6	1.5	7.9		9.6	11.5	1.4	1.3		13.2	311
	15-17		1.1	1.1	5.6		7.6	10.0	1.2	1.7		11.4	327
	16-20		1.3	.6	6.5		8.4	9.3	1.2	1.1		11.0	315
	21-23		2.0	.5	7.5		9.7	9.9	.7	1.1		11.7	312
TOTALS			1.5	.9	7.0		9.0	11.1	.7	1.6		12.7	3504

FEDERAL CLIMATOLOGY BRANCH
 METEOROLOGICAL
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

4426 SALINA MAP KS 73-51 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	0-12		1.9	1.1	3.3		6.2	16.4	.9	.1		17.3	756
	13-24	.3	2.5	1.2	4.6		8.3	16.2	.9	.6	.3	17.7	757
	25-29		2.6	2.0	5.7		9.5	19.8	.3	2.0	.3	21.6	744
	30-11		2.6	1.7	9.0		12.7	21.3	1.7	1.6		27.3	747
	12-14		2.1	.8	6.1		8.8	16.6	2.5	1.3		19.5	753
	15-17		.9	.7	3.9		5.3	12.2	3.3	1.6	.7	16.6	748
	18-21	.1	1.1	1.5	3.5		6.1	12.6	3.1	.4	.8	16.3	741
	22-23		1.3	1.2	2.9		5.5	14.2	1.9	.4	.5	17.3	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

4086 SALINA MAP KS 73-81 MA
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MA	00-22	.9	6.7	1.1	2.3		11.6	16.5	.1	.1		18.4	817
	23-25	1.0	6.5	.9	2.6		11.4	19.1		.7		19.3	822
	26-28	1.1	8.4	.8	1.9		10.8	23.6	.1			27.4	825
	29-31		3.1	.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		17.7	826
	15-17	.5	7.5		1.8		9.1	11.5	1.5	.7		17.8	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			17.2	823
TOTALS		.6	8.1	.6	1.9	.1	10.3	15.6	.7	.2		18.4	6574

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WEATHER CONDITIONS

476 MALINA MAP KS 77-81 191
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	2.0	7.4		1.8		6.9	7.0	.4			7.0	797
	03-05	2.5	7.5		.9		8.3	12.5	.4			12.9	797
	06-08	1.5	6.5		.5		7.2	18.6	1.4	.3		19.9	797
	09-11	.3	4.4	.3	1.3		6.7	13.1	2.1	.3		14.9	797
	12-14	.5	5.8	.4	.9		7.1	8.1	.9			8.0	798
	15-17	1.3	6.0		.6		6.6	6.5	1.5		.3	8.3	797
	18-20	2.0	6.4		1.0		7.4	6.6	.5		.3	7.8	796
	21-23	2.4	6.0		1.4		7.4	5.3	.5	.1		8.9	796
TOTALS		1.6	6.3	.1	1.1		7.4	9.7	1.0	.1	.1	11.0	6718

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 WASHINGTON, D. C. 20541
 WEATHER SERVICE/MAAC

WEATHER CONDITIONS

STATION: ALINA MAP KS YEARS: 73-81 MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	7-21	4.1	5.9				6.8	7.2				7.1	71
	22-31	4.1	9.7				9.7	8.0	.1			8.4	76
	1-31	1.1	6.1				8.1	15.3	3.4			17.8	12
	7-11	1.1	5.9				5.0	7.2	2.1			9.1	71
	12-14	1.0	4.9				4.9	2.7	.5			7.2	14
	15-17	2.3	4.7			.2	4.7	2.1	.7			7.8	17
	18-2	2.7	5.9				5.9	3.1	.0			7.7	61
	11-23	3.7	6.8				6.5	3.4	.4			7.7	10
TOTALS		2.5	6.8			.2	6.8	6.2	1.1			7.1	5437

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WEATHER CONDITIONS

406 ALINA MAP KS 73-51 01
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% 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	10-02	5.3	4.7				4.7	1.1	.1			1.2	7.1
	7-24	5.8	6.3				5.3	4.8	.4			1.1	7.7
	16-10	2.5	3.9				3.9	9.1	1.0			10.2	7.8
	19-12	1.5	2.9				2.9	2.4	.9			3.2	7.8
	17-14	1.3	2.3				2.3	.4	.1			.6	7.9
	15-17	2.3	2.9			.1	2.9	.4				.4	7.7
	11-2	2.4	2.3				2.3		.1			.4	7.6
	21-23	4.5	4.5				4.5		.4			.4	7.1
TOTALS		2.2	3.7			.1	3.7	2.3	.5			3.7	6152

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 METEOROLOGICAL SERVICE/MAC

WEATHER CONDITIONS

474 BLINA MAP KC 75-61 JUL 1961
 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	HALE	% 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	3-32	3.2	4.7				4.0	2.2	3.0			4.0	7.7
	33-35	3.5	4.7				4.7	4.9	2.0			7.0	7.0
	36-38	1.5	3.3				3.3	10.4	2.1			11.0	11.0
	39-41	1.1	2.6				2.6	4.1	3.9			7.0	7.0
	42-44	.7	2.1				1.2	1.8	3.7			5.0	5.0
	45-47	1.5	1.7				1.3	1.0	2.5			7.3	7.3
	48-50	3.3	3.7				3.2	.9	2.6			7.4	7.4
	51-53	3.4	3.1				3.1	1.1	2.5			7.0	7.6
TOTALS		3.1	2.9				2.9	3.3	2.9			5.5	67.1

U.S. CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

4 56
 STATION

DALINA MAP KS
 STATION NAME

73-51
 YEARS

10
 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	0-7	3.6	5.7				5.0	3.2	.5			3.4	774
	08-15	3.9	7.1				7.1	6.6	.5			6.9	741
	16-23	.7	3.2				3.2	13.7	.7			14.1	507
	24-31	.6	2.9				2.9	4.9	1.5			3.4	511
	1-14	1.0	2.6				2.6	1.1	1.0		.1	2.3	515
	15-17	2.9	2.8				2.8	.9	.7		.7	2.3	510
	18-20	2.3	2.2			.1	2.2	.5	.5		.5	1.0	509
	21-25	3.0	3.6			.1	3.8	1.7	.9		.1	2.4	507
TOTALS		1.3	5.7			.1	3.7	4.1	.3		.2	4.9	5454

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL WEATHER SERVICE/MAC

WEATHER CONDITIONS

4076 CALIA MAP KS 73-81 SEP
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-24	2.8	3.9				3.9	6.1	.0			6.2	744
	07-08	2.5	6.1				5.1	10.9				10.9	747
	06-08	1.9	6.0				6.2	10.9	1.4			12.3	768
	09-11	.6	6.7				5.7	7.9	2.7			10.3	798
	12-14	.5	4.3				4.3	2.8	1.1			3.9	767
	15-17	1.4	3.3				3.3	1.9	1.1			4.0	766
	18-20	.8	2.5				2.5	1.8	.9			2.7	767
	21-23	2.3	3.5				3.5	2.8	.6			2.4	747
TOTALS		1.6	4.6				4.6	6.4	1.3			7.3	5713

FEDERAL BUREAU OF INVESTIGATION
 NATIONAL CLIMATOLOGY BRANCH
 WEATHER SERVICE WDC/MS

WEATHER CONDITIONS

4-6 SALINA MAP KS 73-61 107
 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
01	20-01	0.0	0.6		.6	.1	7.1	7.7				7.7	124
02	23-25	1.2	0.1		.6		0.7	8.6				0.0	171
03	06-08	.9	0.1		.4		5.1	12.2				11.0	100
04	9-11	.6	4.3		.1		4.0	10.3	.4			17.7	118
05	12-14	.5	4.1				4.1	6.3	.1		.1	0.6	117
06	15-17	1.1	0.7				5.0	4.0	.4		.5	4.9	124
07	18-20	1.2	0.3		.1		0.3	0.0				0.0	105
08	21-23	1.7	0.3		.7		6.0	0.7				0.7	110
TOTALS		1.2	0.1		.3	.0	5.3	7.6	.1		.1	7.8	5544

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

FEDERAL CLIMATOLOGY BRANCH
 METAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

44-6
 STATION

DALINA MAP KS
 STATION NAME

73-81
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-01	.1	5.1		1.9		7.8	13.6	.3	.0		11.1	673
	03-05	.4	6.3	.1	1.9		8.2	13.6	.3	.4		14.2	797
	06-08	.1	6.7	.0	1.6		9.1	18.6		.3		19.1	791
	09-11		6.3	.4	1.3		7.9	14.7	1.0	.3		15.4	797
	12-14	.1	4.6		1.3		5.9	10.1	.6	.1		10.5	763
	15-17		6.2		1.2		7.3	8.7	.3		.1	8.1	780
	18-20		5.3		1.1		6.5	9.1	.6	.1		8.5	757
	21-23	.1	5.3		1.9		6.9	9.1	.1	.3		9.3	794
TOTALS		.1	5.6	.2	1.5		7.5	11.9	.4	.3	.2	12.3	6329

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE/MAC

WEATHER CONDITIONS

4856 MALINA MAP KS 70-81 000
 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
0-10	0-23		2.7	1.5	1.9		5.8	13.1	.2	.5		1.0	100
	13-15		2.8	1.5	2.4		7.3	11.6	.4	.5		1.0	100
	16-18	.2	3.3	1.1	3.6		7.3	13.8	1.0	.5		15.7	100
	19-11	.1	3.5	.9	3.5		7.7	16.1	1.1	.8		16.8	100
	12-14		2.8	.6	2.2		5.7	12.8	1.1	.7	.1	14.2	117
	15-17		2.3	1.5	3.5		7.0	10.6	.8	.6	.1	11.6	107
	18-20		2.4	.9	3.0		5.9	9.9	.6	.1	.2	10.8	107
	21-23	.2	2.5	1.6	2.1		6.0	9.8	.6	.4		10.1	110
TOTALS		.1	2.8	1.2	2.9		6.7	11.8	.7	.5	.1	12.6	6541

AL CLIMATOLOGY BRANCH
 DTSC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

4 6 ALINA MAP KS 73-81 MONTH

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	7.		3.2	11.1	.7	1.1		11.7	8766
FEB.		.1	1.7	1.3	4.1		7.2	16.2	1.9	1.1	.3	15.7	8896
MAR.		.6	3.1	.6	1.9	.1	17.3	15.6	.7	.2		16.4	6574
APR.		1.6	6.2	.1	1.1		7.4	9.7	1.1	.1	.1	17.3	8119
MAY		2.5	6.6			.2	6.9	6.2	1.			7.	8627
JUN.		3.2	3.7			.2	3.7	2.3	.5			7.7	8152
JUL.		2.1	2.9				2.9	3.3	2.4			8.6	8721
AUG.		2.3	3.7			.2	3.7	4.1	.6		.2	4.9	8624
SEP.		1.6	4.6				4.6	6.4	1.			7.3	8113
OCT.		1.2	5.1		.3	.2	5.3	7.6	.1		.1	7.5	8746
NOV.		.1	5.9	.2	1.5		7.5	11.9	.4	.3	.2	12.1	8229
DEC.		.1	2.8	1.2	2.9		6.7	11.8	.7	.5	.1	17.3	8541
TOTALS		1.3	4.4	.4	1.6	.2	6.3	8.9	1.1	.3	.1	9.9	76115

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.

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXX **WEATHER CONDITIONS** XXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

774536 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	18.6	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	4.1	6.0	.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	10265

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

Continued on Reverse Side

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

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

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

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

704526
STATION

SALINA MAP KS
STATION NAME

42-49, 52-81
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)				
	NONE	TRACE	01-04	05-08	09-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44			45-48	49-52	OVER 50.4	MEAN	GREATEST
SNOWFALL	NONE	TRACE	01-04	05-08	09-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45-48	49-52	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	66.8	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	51.3	17.1	1.0	4.3	2.4	5.9	4.2	2.5	1.3							21.6	1143	2.07	10.62	TRACE
APR	53.4	15.2	2.2	3.9	4.1	5.9	3.9	4.2	2.2	.2						26.4	1110	2.97	7.98	.49
MAY	55.7	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	10.34	.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	64.3	13.5	.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	63.1	16.3	1.4	4.8	1.8	3.7	2.2	1.2	.5							15.6	1147	1.03	3.12	TRACE
ANNUAL	64.3	13.8	1.4	4.2	2.7	4.3	3.6	3.1	1.8	.2	.0					21.4	13373	29.27		

FEDERAL CLIMATOLOGY BRANCH
 WAFSC/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 PRECIPITATION

FROM DAILY OBSERVATIONS

704566 GALINA MAP KS
 STATION STATION NAME

42-49, 52-81 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	1.53	1.07	.47	1.33
44		.19	.43	.97	2.48	.58	.75	1.29	1.67	1.14	.57	.66	1.21	2.45
45		.10	.74	.32	1.51	.69	1.10	2.39		2.55	.21	TRACE		
46		.10	.35	1.04	.47	2.51	.87	.45	3.53	3.21	1.27	.93		2.53
47		1.00	.25	.50	1.10	1.25*	1.60*	.66*	.71	.11	1.32	.58	1.03	2.73
48		.34*	1.42	.75	.97	1.47	2.01	2.04	.16	.87	.51	1.30		2.71
49		.41	.12*	.27	1.78	1.14	.96	1.16	.45	.44	.92*	.10		
50		.20	.34	.55	.93	.89	1.62	.55	1.25	.92	TRACE*	.28	.10	1.30
53		TRACE	.11	.92	.54	1.83	.72	1.42	.79	1.77	.12	1.01	1.02	1.77
54		.32	.59	.28	.86	1.26	1.76	1.43	.36	1.14	.88	TRACE		2.74
55		1.13	.58	.61	2.20	.57	1.23	1.09	1.12	1.87	3.26	.14		2.76
56		.69	.65	.20	1.10	1.32	.38	.50	.79	.97	.97	.26		2.77
57		.24	.34	.38	1.56	2.74	2.01	1.41	.55	2.04	3.13	.60	.75	2.78
58		.43	1.63	.88	.80	.58	2.75	1.38	1.61	1.19	.30	.59	.37	2.79
59		.69	.29	2.74	.46	1.85	.89	1.30	.35	1.98	1.73	.10	.87	2.84
60		1.47	1.14	.35	1.26	.82	1.36	.69	1.57	3.16	.92	.23	1.14	2.85
61		.09	.66	.37	1.76	2.70	1.37	.77	.87	2.39	.99	1.51	.78	2.86
62		.41	.26	.39	.60	2.35	2.97	2.09	2.45	1.47	.69	.61	.10	2.87
63		.53	TRACE	.93	.24	.47	.91	3.36	1.07	.93	1.61	.16	.76	2.88
64		.11	.32	1.39	.32	1.68	1.43	.77	.97	.76	.06	2.22	.09	2.89
65		.57	1.09	.23	.71	1.64	1.87	.96	.65	2.48	.77	.03	1.07	2.89
66		.07	.58	TRACE	.35	.23	.05	.53	1.30	.92	.21	TRACE	.73	2.90
67		.14	.34	.39	2.17	.94	2.15	.95	.26	4.82	1.38	.37	.74	2.91
68		.11	.10	TRACE	1.11	1.67	.51	.65	1.73	.12	2.91	.54	.89	2.92
69		.18	.61*	1.67	.98	1.99	1.59	1.39	.66	.07	.94	.17	.07	2.93
70		.11	.19	.49	1.66	.71	1.67	1.01	.75	2.97	1.50	.24	.78	2.94
71		.97	.90	.19	.78	5.84	1.57	2.55	.13	.61	2.12	.97	.20	2.95
72		.74	.74	.28	.90	1.31	1.32	1.56	2.18	1.18	.58	.94	.72	2.96
73		.31	1.22	1.34	1.53	.72	.45	3.83	1.12	2.36	2.80	.31	1.72	2.97
MEAN														
S.D.														
TOTAL OBS.														

NOTE * (BASED ON LESS THAN FULL MONTHS)

FEDERAL CLIMATOLOGY BRANCH
 WASH DC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

124586 STATION CALINA MAP KS STATION NAME 42-49 52-21 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	.04	.2	.75	1.41	2.14	1.16	.55	.83	.30*	1.05	.45	.77	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	.28	.65	1.24	.14	TRACE	1.19
77	.29	.73	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	.77	.79	1.11	3.21	.84	1.23	1.62	.25	.33	4.36	1.52	.56	4.36
80	.04	.72	1.17	.87	.51				.50	1.23	.74	1.76	
81	.19	.10	.39	.75	1.63	5.66	2.48	1.38	.84	.23	1.51	.12	5.66
MEAN	.351	.475	.728	1.186	1.447	1.516	1.382	1.188	1.442	1.167	.758	.932	2.216
S.D.	.351	.392	.575	.723	1.004	.943	.826	1.035	1.031	1.049	.774	.455	1.203
TOTAL OBS.	114	104	114	111	114	107	111	108	111	114	110	114	1373

NOTE * (BASED ON LESS THAN FULL MONTHS)

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

STATION NO. 42-49, 52-81 STATION NAME ALINA MAP KS YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42											*TRACE	1.67	
43	.13	.81	.91	1.99	2.33	4.58	4.50	.94	2.07	3.63	1.12	1.57	24.12
44	.46	1.72	4.22	7.98	2.50	2.40	4.52	5.52	1.56	.95	1.93	2.36	35.12
45	.96	1.64	.75	4.75	4.15	2.75	4.25		4.82	.38	TRACE	.46	
46	.19	.35	1.72	1.28	5.09	1.76	1.22	6.42	4.41	2.90	2.14	.67	26.15
47	1.05	.28	1.53	3.78	5.23*	4.90*	1.00*	1.42	.11	2.67	.76	2.95	*20.34
48	.71*	2.90	1.98	1.69	2.16	6.76	6.96	.19	2.20	1.09	2.71	.47	29.82
49	1.67	.34*	.41	2.28	2.94	4.78	2.68	1.32	1.02	1.71*	.16		
52	.31	.58	2.17	5.21	4.28	2.51	1.42	4.22	1.34	TRACE*	.35	.34	422.47
53	TRACE	.27	2.29	1.24	5.17	2.47	2.16	1.86	1.79	.31	1.64	1.93	20.95
54	.02	.65	.34	1.70	3.75	4.66	2.37	.84	1.43	1.75	TRACE	.75	16.24
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	3.12	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	.20	22.75
59	1.59	.32	2.64	1.06	6.11	1.36	5.47	1.06	3.98	5.39	.22	1.55	30.72
60	2.23	3.16	1.84	4.77	2.51	3.95	1.24	5.53	3.44	3.01	.27	1.80	23.24
61	.79	1.23	2.09	2.55	8.17	4.22	2.86	1.68	5.91	2.32	2.30	.50	33.74
62	1.45	.69	1.22	1.22	6.77	7.63	5.18	5.06	4.46	.94	1.28	.75	36.28
63	.74	TRACE	3.10	.49	1.68	4.65	6.90	2.20	2.53	4.17	.23	.19	26.88
64	.16	.59	2.22	1.50	1.98	5.44	2.41	3.51	1.60	.05	5.61	1.91	26.99
65	1.59	2.23	.79	1.68	4.81	7.91	1.82	1.94	4.86	.07	.73	1.72	29.65
66	.13	.90	TRACE	.30	.25	2.90	2.60	3.20	1.99	.34	TRACE	.77	12.98
67	.14	.38	.72	4.29	3.02	8.22	3.02	.61	12.05	2.96	.40	1.71	26.51
68	.13	.21	TRACE	3.50	3.41	1.69	2.02	4.92	.24	4.51	1.49	.94	23.16
69	.35	1.65*	2.29	2.93	6.91	2.17	2.50	1.55	.12	4.23	.18	.85	*25.75
70	.27	.28	1.29	3.82	2.13	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	.78	1.01	2.55	5.77	2.44	4.50	4.88	3.53	1.77	*.76	1.21	21.55
73	1.31	1.38	10.82	4.11	2.98	.90	7.47	2.52	6.12	5.62	.69	3.12	49.12
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

NATIONAL CLIMATOLOGY BRANCH
 WETAC
 WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

74586 SALINA MAP KS 42-49, 52-21
 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	.02	1.57	4.75	6.16	3.18	.56	3.93	.83*	4.21	.70	.74	30.57
75	.66	1.77	1.23	1.70	5.35	6.23	TRACE	5.12	2.89	.01	4.13	.47	39.21
76	.10	.14	.36	6.64	3.37	2.34	2.42	.53	1.44	2.74	.14	TRACE	24.87
77	.73	.06	2.57	4.23	4.66	6.33	3.15	13.75	3.65	1.26	1.35	.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	30.31
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	4.77	1.26	1.86				.65	2.78	.04	2.41	
81	.33	.17	2.41	1.86	6.59	10.04	6.14	4.35	1.26	2.19	2.54	.17	39.27
MEAN	.746	.896	2.073	2.903	4.251	4.343	3.456	2.859	3.234	2.233	1.395	1.727	3.162
S.D.	.777	.853	1.955	1.696	2.099	2.433	2.092	2.645	2.551	1.834	1.412	.973	5.753
TOTAL OBS.	1147	1043	1143	1117	1147	1378	1112	1580	1110	1146	1110	1147	13373

NOTE * (BASED ON LESS THAN FULL MONTHS)

2 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

704E06 SALINA MAP KS 45-49, 52-81
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
	NONE	TRACE	01	02-03	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	75.	14.8	2.5	4.2	1.6	.5	.4	.7	.5					10.2	1054	5.5	32.7	TRACE
FEB	76.8	14.7	1.6	3.3	.7	.7	.4	1.0	.6					9.5	958	5.3	25.6	.7
MAR	82.6	11.2	1.7	2.1	1.7	1.0	.8	.1	.3					6.2	1052	7.9	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.														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		

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

174586 MALINA MAP KS 45-49, 52-61
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45													
46	TRACE	.0	.1	.0	.2	.0	.0	.0	.2	.0	.0	7.0	3.0
47	5.7	2.2	3.3	TRACE	.0*	.0*	.0*	.0	.0	.0	.1	6.5	5.7
48	9.1*	6.2	4.9	.0	.0	.0	.0	.0	.0	.0	4.0	2.0	9.1
49	3.1	1.0	1.9	.1	.0	.0	.0	.0	.0	.0*	.0	.0	.0
50	2.2	1.0	7.0	TRACE	.1	.0	.0	.0	.0	.0*	1.6	1.3	7.0
53	TRACE	.3	7.5	1.2	TRACE	.0	.0	.0	.0	.0	4.1	1.4	7.5
54	.2	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.0	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	2.3	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	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.4
64	1.1	1.0	4.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.2	4.0
65	4.1	3.0	.9	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	4.1
66	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	11.0	11.0
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	3.0	3.0
69	1.0	5.0*	3.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	5.0
70	3.1	TRACE	3.5	7.0	.0	.0	.0	.0	.0	.0	1.5	TRACE	7.0
71	4.7	9.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.0
72	1.1	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.0	3.0	3.0
73	4.1	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	7.7	4.1
74	1.1	TRACE	3.0	1.0	.0	.0	.0	.0	.0*	.0	TRACE	1.0	3.0
75	2.2	6.0	8.0	.0	.0	.0	.0	.0	.0	.0	5.0	TRACE	8.0
76	2.1	1.0	.7	.0	.0	.0	.0	.0	.0	.0	2.4	TRACE	2.4
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 AIR WEATHER SERVICE/ETAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

724536 GALINA MAP KS 45-49, 52-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
77	4.9	TRACE	.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.9
78	2.1	4.4	3.4	.0	.0	.0	.0	.0	.0	.0	1.0	0.2	5.0
79	10.1	3.0	2.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	17.1
80	1.7	13.0	4.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.9	24.6
91	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	2.5
MEAN	2.84	2.82	2.29	.39	TRACE	.00	.00	.00	.00	.05	.89	2.18	3.33
S.D.	2.574	2.909	2.262	1.238	.003	.000	.000	.000	.000	.261	1.420	2.281	2.567
TOTAL OBS.	1054	958	1052	1020	1054	988	1019	1018	1020	1053	1020	1020	1220

NOTE * (BASED ON LESS THAN FULL MONTHS)

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

74556 SALINA MAP KS 45-49, 52-81
 STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45													
46	TRACE	.0	.1	.0	.0	.0	.0	.1	.0	.1	.0	4.0	4.0
47	6.1	2.5	6.5	TRACE	.0*	.0*	.0*	.0	.0	.0	.2	7.5	* 27.7
48	16.9*	11.2	15.4	.0	.0	.0	.0	.0	.0	.0	4.2	4.0	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	* 21.7
53	TRACE	.4	8.0	1.2	TRACE	.0	.0	.0	.0	.0	5.7	1.0	17.1
54	.2	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.1	TRACE	3.7	7.5
55	4.1	11.4	3.4	.0	.0	.0	.0	.0	.0	.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	.2	17.0
58	6.1	11.1	14.1	.0	.0	.0	.0	.0	.0	.0	3.3	7.3	43.0
59	14.2	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.9	4.4	22.4
60	7.1	25.6	10.9	TRACE	.0	.0	.0	.0	.0	TRACE	.2	1.0	45.6
61	.5	7.9	5.5	TRACE	TRACE	.0	.0	.0	.0	.0	.4	4.3	19.6
62	8.4	.4	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.2	17.0
63	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
64	1.3	1.0	5.4	.0	.0	.0	.0	.0	.0	.0	3.4	5.4	17.5
65	4.0	13.3	2.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	20.7
66	2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	12.0	16.0
67	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.6	9.5
68	1.1	4.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	2.0	7.2
69	1.1	9.0*	4.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	* 19.1
70	5.7	TRACE	5.5	7.0	.0	.0	.0	.0	.0	.0	2.5	TRACE	20.2
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	7.3	18.6
74	2.3	TRACE	3.3	1.1	.0	.0	.0	.0	.0	.0*	TRACE	2.0	* 8.9
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	.0	2.4	TRACE	7.3
MEAN													
S. D.													
TOTAL OBS.													

NOTE * BASED ON LESS THAN FULL MONTHS

CENTRAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

704356 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	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.7
78	5.4	12.5	3.8	.7	.0	.0	.0	.0	.0	.0	1.0	.0	32.6
79	32.7	3.0	3.2	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.0	41.9
80	2.3	20.1	6.7	.0	.0	.0	.0	.0	.0	TRACE	.0	5.1	
81	2.9	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	7.4
MEAN	5.43	5.30	2.87	.44	TRACE	.70	.00	.00	.00	.08	1.16	3.40	12.01
S.D.	6.431	6.938	4.382	1.312	.000	.000	.000	.000	.000	.435	1.870	3.245	11.876
TOTAL OBS.	1054	958	1052	1020	1054	968	1019	1018	1020	1053	1002	1023	12241

NOTE * (BASED ON LESS THAN FULL MONTHS)

2 GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

704586 SALINA MAP KS 42-49, 52-81
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)				
	NONE	TRACE	01	02-03	06-10	11-25	26-50	51-100	101-250	251-500	501-1000			1000+ OVER 2000	MEAN	MAX	MIN	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	67.6	11.2	9.7	3.8	3.1	6.3	3.6	.6						29.3	1139			
FEB	70.6	7.0	6.4	3.3	2.3	4.7	4.2	1.4						22.3	1039			
MAR	54.7	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	99.3	.1		.1										.1	1146			
NOV	94.6	2.5	1.3	.4	.4	.8	.1							2.9	1117			
DEC	77.0	8.1	5.3	4.0	2.4	2.6	.5							14.9	1142			
ANNUAL	90.5	2.8	2.1	1.1	.9	1.5	.9	.2						6.7	13358			

FEDERAL CLIMATOLOGY BRANCH
 METEOROLOGICAL
 WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS.

714536 CALINA MAP KS
 STATION STATION NAME

42-49, 52-61
 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	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*	0	
44		1	1*	4	0	0	0	0	0	0	0	0	
45		1	6	3	1	0	0	0	0	0	0	0	
46	TRACE	0	0	0*	0	0	0	0	0	0	0	0	
47		7 TRACE	5	0	0*	0*	0*	0	0	0	0*	0	
48		11*	10	11	0*	0	0	0	0	0	0	0	
49		5	2	2 TRACE	0	0	0	0	0	0	0*	0	
52		3	1	6	0	0	0	0	0	0	0*	0	
53		1 TRACE	6	TRACE	0	0	0	0	0	0	0	0	
54	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	
55		4	8	3	0	0	0	0	0	0	0	1 TRACE	
56		4	12	2	2	0	0	0	0	0	0	1 TRACE	
57	TRACE	4	4	1	3	0	0	0	0	0	0	3	
58		6	4	7	0	0	0	0	0	0	0	0	
59		8	2	1	0	0	0	0	0	0	0	1	
60		3	17	18	0	0	0	0	0	0	0	0	
61		1	5	1 TRACE	0	0	0	0	0	0	0	0	
62		7 TRACE	1	0	0	0	0	0	0	0	0	0	
63		2 TRACE	TRACE	0	0	0	0	0	0	0	0	0	
64		1	1	1	0	0	0	0	0	0	0	0	
65		4	7	1	0	0	0	0	0	0	0	0	
66		3	2	5	5	0	0	0	0	0	0	0	
67		11	1	0	0	0	0	0	0	0	0	0	
68		4	2	1	1	0	0	0	0	0	0	0	
69		1	7	3	1	0	0	0	0	0	0	0	
70		5	0	2	6	0	0	0	0	0	0	0	
71		7	12	9	1	0	0	0	0	0	0	0	
72		1	1	1	1	0	0	0	0	0	0	0	
73		4 TRACE	0 TRACE	0 TRACE	1	0	0	0	0	0	0	0	
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

FEDERAL CLIMATOLOGY BRANCH
 ETAC
 WEATHER SERVICE/MAC

EXTREME VALUES
 SNOW DEPTH

FROM DAILY OBSERVATIONS

04836 STATION GALINA MAP KS STATION NAME 42-42, 52-81 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	8	TRACE	3	1	7	0	0	0	0	0*	0	TRACE	6
75	2	7	8	1	7	0	0	0	0	0	7	1	3
76	1	1	TRACE	0	7	0	0	0	0	0	1	TRACE	1
77	3	0	0	1	7	0	0	0	0	0	0	0	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	0	0	0	4	10
81	1	3	7	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	4.715	.899	.509	.000	.000	.000	.000	.333	1.652	2.574	4.547
TOTAL OBS.	1147	1043	1142	1179	1146	1078	1112	1080	1117	1146	1118	1145	13376

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 61

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.

FEDERAL CLIMATOLOGY BRANCH
 WAFSC/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WIND

(FROM DAILY OBSERVATIONS)

14516 SALINA MAP KS
 STATION

STATION NAME

46-47, 56-60

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	NW 57SW	49SSW	49NNW	50SSW	43SE	47WNW	52SSE	44N	41			* CALM	
47	NW *42NNW	51N	35SE	*56N	43NNW	64NW	*41SSE	*48SSW	47S	43NW	40W	38	NNW 64
50				S	*46NW	50SSE	49S	40S	57S	65NW	41SS	37	
57	SSW 42S	33SSW	42SSE	46SSE	70WSW	54NW	*30N	35ESE	36NW	44N	*34N	46	SSW 70
58	NNW 32WNW	38ESE	32NW	43S	35S	65W	43WSW	36NNW	33SSE	35NW	33N	27	S 65
59	NNW 36WNW	37N	49WSW	35E	39SSW	42S	42S	26S	31N	43NW	38SSW	38	N 49
60	WNW 38NNE	31N	41SSW	42S	55NNW	35SSW	32NNW	45S	27N	29S	37S	34	S 55
61	NNW 47NNE	30S	37S	42W	48NNW	49NNW	36NW	35N	40S	*39NW	*41SS	*36	NW 49
62	S	38S	42NW	41NW	44W	52NNW	39SSW	65NNW	36N	*43N	*36SS	36NNW	*73
63	N	38NNE	*41W	*48SSW	55S	*36N	57NW	*36S	*28N	*37S	*44N	442NW	43
64	N	35S	46S	43W	55W	51W	42W	41N	36SSW	37S	36NW	36S	78
MEAN	39.3	39.5	41.5	45.3	48.2	50.9	45.3	37.0	37.2	42.1	37.1	36.3	54.3
S.D.	5.419	7.352	5.662	6.360	9.784	9.049	10.082	5.635	6.667	11.466	2.795	6.290	
TOTAL OBS.	362	332	336	375	348	320	312	329	314	295	243	225	3647

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)
 JUL 66

5 (BASED ON LESS THAN FULL MONTHS AND *120 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

SURFACE WINDS

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

774586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

JAN
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		1.7	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	1.7	.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	1.7			.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)

74586 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)

704586 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	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		1.3	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								5.1	8.3
S	.2	4.3	4.1	4.3	1.3	.5	.1					4.8	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	24.7	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
 STATION STATION NAME YEARS
 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		1.2	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				170.0	9.9

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF 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

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

SALINA MAP KS

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	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 (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	2.6	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 SALINA MAP KS 73-81 JAN
STATION STATION NAME YEARS MONTH
 ALL WEATHER 2100-2300
CLASS HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	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
 AF WEATHER SERVICE/MAC

SURFACE WINDS

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

724586 SALINA MAP KS 73-81
STATION STATION NAME YEARS

ALL WEATHER
CLASS

JAN
MONTH

ALL
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	1.7	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
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

704586

SALINA MAP KS

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

774586 SALINA MAP KS 73-81 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0500

CLASS HOUR (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	1.9	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 SALINA MAP KS 73-81 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

CLASS HOURS (L S Y)

CONDITION

SPEED (KNTS) DIR	1 - 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/HAC

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

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	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	2.3	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					170.0	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)

704586 SALINA MAP KS 73-81 FEB
STATION MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L. S. T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		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 (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		.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

SALINA MAP KS

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURE (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.5	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	8.7
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												7.2	
CALM													
	.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 (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	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

SALINA MAP KS

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.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	.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	.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												7.3	
CALM													
	.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
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

MAR
MONTH
 0000-0200
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.0	2.0	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)

774586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

MAP
MONTH
 0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	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)

704586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		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												12.2	
CALM													
	.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)

774586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

MAR
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
 AFB WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 704586 STATION NAME SALINA MAP KS YEARS 73-81 MONTH MAR
 CLASS ALL WEATHER HOURS (L & T) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.3	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724786 SALINA MAP KS 73-81 MAR
 STATION NAME YEARS 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		.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 (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		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

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 (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	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	1.7	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

SALINA MAP KS

73-81

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

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	2.7	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

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

APP
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	.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 SALINA MAP KS 73-81 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		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
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

774586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURE (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	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 (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.8	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP 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						7.9	15.6
S		.5	1.9	9.2	9.1	1.7	.1					22.6	16.1
SSW		.1	.8	2.1	2.3	.4	.1					5.8	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	26.8	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
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
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	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFS WEATHER SERVICE/MAC

SURFACE WINDS

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

774586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

APR
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	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 YEAR MONTH

ALL WEATHER ALL

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.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 (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		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)

704586 SALINA MAP KS 73-81 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		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	9.9
SE	.1	1.1	1.7	1.0	.1							4.1	9.9
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 NORTH
 ALL WEATHER CLASS 0900-1100 HOUR (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	2.7	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
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	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	11.8	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

SALINA MAP KS

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		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)

704586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		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												4.4	
CALM													
	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 CLAS 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

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 SALINA MAP KS 73-81 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0500

CLASS HOURS (L.B.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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							2.9	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 729

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

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	24.2	8.2	.8						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

793

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

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

SALINA MAP KS

73-81

JUN

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		1.1	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
 AIF 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 1500-1700
CLASS HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.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

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF 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 1800-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	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

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

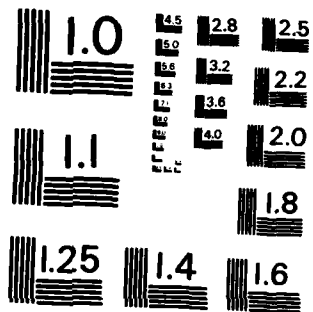
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UNCLASSIFIED

USAFETAC/DS-82/088 SBI-AD-8880 213

PAG 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)

STATION 724586 SALINA MAP KS STATION NAME 73-81 YEARS JUN
 MONTH 2100-2300
 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	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 SALINA MAP KS 73-81 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	1.9	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	3.0	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 (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	.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

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
OURS (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

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.)

SPEED (KNTS) DIR.	1 - 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)

STATION 724586 STATION NAME SALINA MAP KS YEARS 73-81 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	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												3.0	
	.6	10.8	32.6	38.1	13.2	1.2						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

818

GLCBAL 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.)

CORRECTION

SPEED (KNTS) DIR.	1 - 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

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 JUL
STATION STATION NAME YEARS MONTH
 ALL WEATHER 1800-2000
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.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	
	.4	12.4	38.3	37.9	8.0	.6		.2				100.0	10.8

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 JUL
STATION STATION NAME YEARS MONTH
 ALL WEATHER 2100-2300
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	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

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 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.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	8.4	.6		.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 6366

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 774586 STATION NAME SALINA MAP KS YEARS 73-81 MONTH AUG
 CLASS ALL WEATHER HOURS (L & T) 0000-2200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 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	.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

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 704586 SALINA MAP KS STATION NAME 73-81 YEARS AUG
 MONTH 0300-0500
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 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
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	1.6	.7								3.9	8.2
NNE	.1	.6	.6	.7	.8							2.4	10.1
NE		.6	.7	.6								2.3	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	.8								2.9	7.5
SE	.4	1.7	2.3	.7	.8							5.5	8.4
SSE	.1	2.6	4.0	3.1	.1							9.9	9.7
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	.8	.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	7.8
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 SALINA MAP KS 73-81 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.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)

224586
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												7.6	
	.7	9.3	29.6	40.7	15.5	1.6						100.7	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)

704586 SALINA MAP KS 73-81 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.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)

74586 SALINA MAP KS 73-81 AUG
STATION STATION NAME YEARS MONTH
 ALL WEATHER 1800-2000
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		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

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	6.6
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

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 & P)

CONDITION

SPEED (KNTS) DIR.	1 - 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	10.1

TOTAL NUMBER OF OBSERVATIONS

6445

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

000-0200
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		1.4	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		.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

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	11.3
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
 ATR 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 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	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)

704586 SALINA MAP KS 73-81 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.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)

774586 SALINA MAP KS 73-81 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.9	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												.6	
CALM													
		13.2	32.9	36.7	15.2	1.3						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATE WEATHER SERVICE/HAC

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 (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	2.7	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	7.3
SE		1.9	3.3	5.1	.3							10.5	10.5
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

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.5	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)

STATION 724586 STATION NAME SALINA MAP KS YEARS 73-81 MONTH SEP
 CLASS ALL WEATHER
 HOURS (L & T) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	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 (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.5	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 SALINA MAP KS 73-81 OCT
STATION STATION NAME YEARS 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		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 616

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

774586
 STATION

SALINA MAP KS
 STATION NAME

73-81
 YEARS

OCT
 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		1.5	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724596 SALINA MAP KS 73-81 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.2	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
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	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 (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	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		1.7	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	.8								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	2.8	.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	9.1

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

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L D T)

CONDITION

SPEED (KNTS) DIR.	1 - 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 0000-0200
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.9	3.3	2.6	.9	.4						9.0	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)

STATION 724586 STATION NAME SALINA MAP KS YEARS 73-81 MONTH NOV
 CLASS ALL WEATHER HOURS 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	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		1.7	.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												9.5	
CALM													
	.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)

724586
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

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

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												4.3	
CALM													
	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 (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	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 (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	1.8	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												2.3	
CALM													
	.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 (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	1.9	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)

774586 SALINA MAP KS 73-81 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	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

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 (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.3	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

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 NORTH
 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		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	2.7	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
 0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		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

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 & T)

CONDITION

SPEED (KNTS) DIR.	1 - 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												6.2	
	.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 (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	2.7	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
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

704586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
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		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		1.3	.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
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 774586 STATION NAME: SALINA MAP KS YEARS: 73-81 MONTH: DEC
 CLASS: ALL WEATHER HOURS (L & T): 2100-2300
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	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)

724596
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	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 73-81 YEARS ALL MONTH ALL HOURS (L & T)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 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	1.4	.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 76440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

ALL
SOUTH

INSTRUMENT

ALL
HOURLY (L & T)

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

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.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.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1940. 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 11c

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0
NO CEILING															
1800															
1500					91.0										92.6
1200															
1000															
900															
800															
700															
600															
500										97.4					98.1
400															
300															
200															
100															
0					95.4		96.9			98.3					100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586 SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	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	64.7	64.7	64.8
900	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	69.5	69.5	69.6
800	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	69.5	69.5	69.6
700	45.0	69.2	69.6	70.0	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
600	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	70.9	70.9	71.1
500	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	74.1	74.1	74.2
400	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	74.1	74.1	74.2
300	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	75.7	75.7	75.8
200	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	76.3	76.3	76.4
100	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	76.9	76.9	77.1
0	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	77.8	77.8	77.9
1000	50.9	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	78.2	78.2	78.3
900	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	78.8	78.8	78.9
800	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	79.1	79.1	79.2
700	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	81.5	81.5	81.7
600	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	82.3	82.3	82.4
500	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	84.0	84.0	84.2
400	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	84.4	84.4	84.5
300	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	85.8	85.8	85.9
200	53.4	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	87.8	87.8	87.9
100	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	90.1	90.1	90.3
0	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	91.1	91.1	91.3
1000	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	91.6	91.6	91.8
900	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	92.8	92.8	92.9
800	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	93.9	93.9	94.0
700	54.0	86.2	88.5	90.3	92.5	92.8	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6
600	54.0	86.2	88.7	90.4	93.1	93.4	95.4	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.1
500	54.0	86.2	88.7	90.4	93.3	93.5	95.9	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.9
400	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
300	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
200	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
100	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
0	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
 CRAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0300-0500

HEIGHT FEET	VISIBILITY - STATUTE MILES															
	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2 1/2	39.7	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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	100.0

TOTAL NUMBER OF OBSERVATIONS 811

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

0600-0800

CEILING	0	10	20	30	40	50	60	70	80	90	100	100	100	100	100	100	100	100	100	100
1000	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	58.8	58.8	58.8	58.8
800	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	64.5	64.5	64.5	64.5
600	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	64.5	64.5	64.5	64.5
400	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	65.7	65.7	65.7	65.7
200	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	67.0	67.0	67.0	67.0
100	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	70.3	70.3	70.3	70.3
0	42.8	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	71.2	71.2	71.2	71.2
1000	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	72.2	72.2	72.2	72.2
800	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	73.4	73.4	73.4	73.4
600	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	75.4	75.4	75.4	75.4
400	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	76.2	76.2	76.2	76.2
200	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	77.6	77.6	77.6	77.6
100	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	78.2	78.2	78.2	78.2
0	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	78.8	78.8	78.8	78.8
1000	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	79.8	79.8	79.8	79.8
800	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	81.1	81.1	81.1	81.1
600	49.8	79.2	80.0	80.6	80.8	80.8	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
400	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	83.4	83.4	83.4	83.4
200	51.7	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	85.1	85.1	85.1	85.1
100	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	87.6	87.6	87.6	87.6
0	51.7	83.0	85.3	86.9	87.6	87.7	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1000	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	90.6	90.6	90.6	90.6
800	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	91.7	91.7	91.7	91.7
600	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	92.6	92.6	92.6	92.6
400	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	96.4	96.4	96.4	96.4
200	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	98.3	98.3	98.3	98.3
100	51.9	83.5	86.8	89.1	92.1	92.8	95.2	95.7	95.7	97.4	98.1	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	51.9	83.5	86.8	89.1	92.1	92.8	95.2	95.7	95.7	97.4	98.3	98.3	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5
1000	51.9	83.5	86.8	89.1	92.1	92.8	95.2	95.7	95.7	97.4	98.3	98.3	99.1	99.3	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	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	50.0
900	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	60.3
800	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	60.4
700	38.3	59.0	60.0	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	61.3
600	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	62.4
500	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	67.8
400	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	69.7
300	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	70.2
200	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	71.6
100	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	73.9
0	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	74.3
1000	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	76.1
900	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	77.3
800	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	79.2
700	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	79.8
600	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	81.5
500	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	81.8
400	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	83.3
300	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	85.5
200	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	88.2
100	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	89.7
0	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	91.5
1000	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	91.9
900	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	92.2
800	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	95.7
700	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	97.9
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	99.0	99.0	99.0	99.0	99.0
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	99.6	99.6
400	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	99.7
300	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	99.7
200	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	99.7
100	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	99.7
0	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	99.7

TOTAL NUMBER OF OBSERVATIONS 708

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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	20	26	31	34	39	45	50	55	60	65	70	75	80	85	90	95	100
NO. OBS.	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
2-000	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
2-000	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
2-000	39.9	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
2-000	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
2-000	41.8	67.3	67.6	67.8	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	47.9	74.9	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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
2-000	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	93.0	93.1	93.1	93.1
2-000	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	94.0
2-000	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	94.3	94.4	94.4	94.4
2-000	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	96.8	96.9	96.9	96.9
2-000	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	97.6
2-000	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	99.0
2-000	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	100.0
2-000	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	100.0
2-000	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	100.0

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4
10000	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
8000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
6000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1
4000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1
2000	42.8	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6
1000	43.7	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6
800	46.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
600	46.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
400	47.7	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
200	47.9	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
100	48.3	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8
80	48.7	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
60	49.1	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8
40	50.2	78.1	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1
20	50.6	78.8	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
10	50.8	80.1	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6
8	51.2	81.6	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
6	51.9	83.1	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
4	52.1	83.9	85.3	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
2	52.8	85.6	87.0	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2
1 1/2	53.3	86.8	88.7	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
1 1/4	53.3	87.7	89.9	90.7	90.8	91.0	91.2	91.4	91.4	91.4	91.5	91.7	91.7	91.7	91.7	91.7
1 1/2	53.3	87.8	90.0	91.0	91.2	91.4	91.5	91.8	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0
1 1/4	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
1 1/4	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
1 1/4	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
1 1/4	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
1 1/4	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
1 1/4	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
1 1/4	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	99.8	99.9	100.0
1 1/4	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	99.8	99.9	100.0
1 1/4	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	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	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
110	41.2	64.6	65.7	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
120	41.2	64.6	65.7	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
130	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
140	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
150	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
160	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
170	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
180	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
190	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
200	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
210	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
220	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
230	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
240	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
250	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
260	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
270	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
280	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
290	53.6	86.1	87.2	88.3	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
300	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
310	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
320	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
330	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
340	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
350	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
360	53.7	87.5	89.8	92.3	93.7	94.2	94.4	95.9	96.3	97.0	97.8	97.8	97.9	97.9	97.9	97.9	98.1
370	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	99.3	99.5
380	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	100.0
390	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	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF 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 STATISTICAL															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
8000	39.3	59.8	67.9	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
7000	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
6000	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
5000	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
4000	44.4	67.0	68.7	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
3000	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
2000	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
1800	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
1600	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
1400	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
1200	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
1000	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
800	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
600	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
400	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
250	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
200	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
180	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
150	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
120	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
100	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
80	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
60	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
40	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
20	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
10	54.7	86.3	89.2	92.6	94.2	94.4	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
5	54.7	86.4	89.3	92.8	94.5	94.9	95.7	96.4	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7
3	54.7	86.4	89.3	93.0	94.6	95.0	96.1	96.7	96.9	96.9	96.9	96.9	97.0	97.4	97.4	97.4
2	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
1	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
0	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

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586 SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
NO CEILING	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	57.8	57.8	57.9
2 2000	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	64.9	64.9
2 1800	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	64.9	64.9
2 1600	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	66.3	66.3
2 1400	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	67.1	67.1
2 1200	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	70.9	70.9	71.0
2 1000	44.7	70.0	70.4	70.6	70.7	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
2 800	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	72.6	72.6	72.7
2 7000	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	73.3	73.3
2 6000	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	74.4	74.4	74.5
2 5000	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	76.0	76.0
2 4000	48.2	75.1	75.7	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5
2 3000	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	77.5	77.5	77.6
2 3500	49.6	76.9	77.6	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5
2 3000	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	80.0	80.0	80.1
2 2500	50.8	79.3	80.0	80.6	80.8	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2 2000	51.5	80.8	81.8	82.4	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
2 1800	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	83.6	83.6
2 1500	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	85.5	85.5	85.6
2 1300	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	87.3	87.3
2 1100	52.8	84.6	86.4	87.6	88.5	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
2 900	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	90.4	90.4	90.5
2 800	52.9	85.1	87.5	89.3	90.5	90.7	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2 700	52.9	85.2	87.8	89.8	91.1	91.4	92.0	92.4	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
2 600	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	93.8	93.8
2 500	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	95.6	95.6
2 400	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	96.9	96.9	96.9	96.9
2 300	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	98.1	98.1	98.2
2 200	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	99.3	99.3
2 100	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	99.6	99.6
2 000	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6410

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

734586 SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	210	20	21	24	25	22	23	24	25	26	27	28	29	30	31	32
1- 6000	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	65.3	65.3
2- 5000	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	69.4	69.4
3- 4000	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	69.4	69.4
4- 3000	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	70.2	70.2
5- 2000	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	70.3	70.3
6- 1000	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	71.7	71.7
7- 800	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	72.2	72.2
8- 700	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	72.8	72.8
9- 600	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	73.9	73.9
1- 500	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	75.2	75.2
2- 450	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	75.2	75.2
3- 400	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	76.4	76.4
4- 350	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	77.4	77.4
5- 300	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	78.5	78.5
6- 250	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	80.1	80.1
7- 200	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	82.4	82.4
8- 180	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	83.4	83.4
9- 150	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	85.2	85.2
1- 120	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	87.7	87.7
2- 100	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	88.9	88.9
3- 90	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	90.1	90.1
4- 80	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	91.3	91.3
5- 70	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	92.2	92.2
6- 60	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	93.8	93.8
7- 50	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	94.7	94.7
8- 40	52.5	82.4	86.5	89.0	93.1	93.4	94.4	95.2	95.4	95.6	95.6	95.6	95.6	95.6	96.0	96.2
9- 30	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
1- 20	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
2- 10	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
3- 0	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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
10000	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
8000	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
6000	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
4000	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
2000	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
1000	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
800	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
600	47.4	68.4	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
400	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
200	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
100	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
80	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
60	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
40	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
20	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
10	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
8	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
6	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
4	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
2	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
1	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
0.8	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
0.6	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
0.4	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
0.2	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
0.1	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
0.08	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
0.06	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
0.04	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
0.02	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
0.01	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

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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															
	210	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	48.2	77.1	79.0	81.3	82.0	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 90	48.2	77.1	79.0	81.3	82.0	83.3	83.7	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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

724586

SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1900-1100

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	43.1	65.5	66.4	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 400	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
≥ 350	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
≥ 300	43.6	66.5	67.5	68.0	68.5	68.5	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 250	44.2	67.2	68.5	69.6	70.1	70.1	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 200	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
≥ 180	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
≥ 160	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
≥ 140	46.3	72.6	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
≥ 120	46.3	73.5	76.6	79.1	80.5	80.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	82.1	82.1	82.1
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY FEET	VISIBILITY STATE MILES															
	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8
1000	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	52.6	52.6
900	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	59.1	59.1
800	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	59.1	59.1
700	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	60.3	60.3
600	40.1	60.9	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
500	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	62.3	62.3
400	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	62.7	62.7
300	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	63.5	63.5
200	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	64.4	64.4
100	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	65.9	65.9
50	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	67.0	67.0
25	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	67.8	67.8
15	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	68.6	68.6
10	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	69.4	69.4
5	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	71.0	71.0
3	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	73.4	73.4
2	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	75.8	75.8
1	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	76.7	76.7
3/4	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	79.2	79.2
1/2	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	81.9	81.9
3/8	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	85.0	85.0
1/4	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	87.0	87.0
3/16	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	89.9	89.9
1/8	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	90.5	90.5
1/16	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	91.9	91.9
1/32	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	95.2	95.2
1/64	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	96.5	96.5
1/128	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	98.4	98.4
1/256	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	98.9	98.9
1/512	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
1/1024	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	99.3	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

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																
	210	200	250	240	230	220	210	200	250	240	230	220	210	200	250	240	230
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	55.5	55.5
≥ 20000	40.9	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	63.0	63.0
≥ 18000	40.9	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	63.0	63.0
≥ 16000	40.9	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	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	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	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	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	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	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	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	68.8	68.8
≥ 5000	45.7	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	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	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	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	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	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	77.6	77.7	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	80.6	80.7	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	80.8	81.0	81.0	81.0	81.0
≥ 1500	50.7	79.9	82.4	83.0	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.8	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	87.0	87.3	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	90.3	90.6	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	91.2	91.4	91.4	91.4	91.4
≥ 800	50.9	83.4	87.6	89.7	90.9	91.4	91.9	91.7	91.8	91.8	91.8	91.8	91.8	92.1	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	92.9	93.2	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	94.2	94.5	94.5	94.5	94.5
≥ 500	50.9	84.0	88.4	91.8	93.8	95.3	95.7	96.2	96.4	96.5	96.5	96.5	96.5	96.8	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	97.5	97.7	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	98.7	99.1	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	98.7	99.5	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	98.7	99.5	99.6	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	98.7	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

774586

SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

NO.	ELEVATION FEET	VISIBILITY - STATUTE MILES															
		210	20	21	24	23	22	22	21	20	24	23	22	21	20	20	
1	5000	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
2	4000	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
3	3000	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
4	2000	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
5	1000	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
6	500	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
7	0	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
8	5000	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
9	4000	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
10	3000	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
11	2000	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
12	1000	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
13	500	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
14	0	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
15	5000	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
16	4000	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
17	3000	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
18	2000	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
19	1000	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
20	500	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
21	0	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
22	5000	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
23	4000	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
24	3000	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
25	2000	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
26	1000	51.2	84.4	89.5	92.6	94.1	95.0	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
27	500	51.2	84.4	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
28	0	51.2	84.4	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
29	5000	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
30	4000	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
31	3000	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
32	2000	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
 USAF ETAC
 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															
	210	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
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
2 2000	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
2 1800	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
2 1600	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
2 1400	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
2 1200	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
2 1000	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
2 900	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
2 800	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
2 700	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
2 600	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
2 500	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
2 450	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
2 400	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
2 350	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
2 300	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
2 250	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
2 200	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
2 180	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
2 150	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
2 120	50.5	83.9	88.5	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
2 100	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
2 90	50.5	83.9	88.5	90.6	90.9	90.9	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
2 80	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
2 70	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
2 60	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
2 50	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
2 40	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
2 30	50.5	84.2	89.7	93.0	94.5	94.9	95.6	96.1	97.1	97.2	97.3	97.3	97.3	97.6	97.6	97.6
2 20	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
2 10	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
2 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

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586
STATION

SALINA MAP KS
STATION NAME

73-81
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
TYPE OF DATA

CEILING FEET	VISIBILITY AT TIME															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 4500	46.1	69.9	71.3	71.6	72.1	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
≥ 3500	47.7	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
≥ 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
≥ 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	77.1	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
≥ 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	80.2	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
≥ 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	85.3	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	87.2	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 7	6	5	4	3	2	1	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512
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
≥ 7000	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
≥ 1800	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
≥ 1500	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
≥ 1400	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
≥ 1200	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
≥ 1100	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
≥ 1000	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
≥ 900	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	48.7	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
≥ 160	49.0	79.7	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
≥ 140	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
≥ 120	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
≥ 100	49.9	82.2	85.0	86.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 80	50.0	82.4	85.4	87.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 70	50.1	82.7	86.2	89.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 60	50.1	83.1	87.0	90.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 50	50.1	83.1	87.1	90.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	50.1	83.1	87.1	90.7	95.2	95.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	50.1	83.1	87.1	90.7	95.3	95.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	50.1	83.1	87.1	90.7	95.3	95.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100	50.1	83.1	87.1	90.7	95.3	95.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 50	50.1	83.1	87.1	90.7	95.3	95.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 816

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)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024
NO CEILING	35.7	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	73.6	73.6	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	75.6	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

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

6600-0800

CEILING FEET	20	26	27	24	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
2 4000	37.2	45.1	46.1	46.8	47.3	47.3	47.8	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5
2 3500	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	54.5	54.5	54.5	54.5	54.5	54.7
2 3000	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	54.5	54.5	54.5	54.5	54.5	54.7
2 2500	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	55.2	55.2	55.2	55.2	55.2	55.5
2 2000	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	56.4	56.4	56.4	56.4	56.4	56.7
2 1500	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	60.0	60.0	60.0	60.0	60.0	60.2
2 1000	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	60.4	60.4	60.4	60.4	60.4	60.7
2 800	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	62.5	62.5	62.5	62.5	62.5	62.7
2 700	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	63.1	63.1	63.1	63.1	63.1	63.3
2 600	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	64.1	64.1	64.1	64.1	64.1	64.3
2 500	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	67.0	67.0	67.0	67.0	67.0	67.2
2 450	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	67.6	67.6	67.6	67.6	67.6	67.8
2 400	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	69.8	69.8	69.8	69.8	69.8	70.0
2 350	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	71.0	71.0	71.0	71.0	71.0	71.2
2 300	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	72.5	72.5	72.5	72.5	72.5	72.7
2 250	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	74.5	74.5	74.5	74.5	74.5	74.8
2 200	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	77.1	77.1	77.1	77.1	77.1	77.3
2 150	43.8	70.9	74.4	76.0	76.9	77.1	77.9	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8
2 100	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	80.8	80.8	80.8	80.8	80.8	81.1
2 750	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	83.1	83.1	83.1	83.1	83.1	83.4
2 700	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	85.6	85.6	85.6	85.6	85.6	85.8
2 650	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	87.7	87.7	87.7	87.7	87.7	88.0
2 600	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	89.1	89.1	89.1	89.1	89.1	89.3
2 550	44.7	75.8	81.6	83.7	87.1	87.9	89.4	90.4	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
2 500	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	92.4	92.4	92.4	92.4	92.4	92.6
2 450	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	95.3	95.3	95.3	95.3	95.3	95.5
2 400	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	96.5	96.5	96.5	96.5	96.5	96.7
2 350	44.8	76.3	81.7	85.3	89.8	91.0	93.4	95.6	95.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.2
2 300	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.2
2 250	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.2
2 200	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.2
2 150	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.2
2 100	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.2
2 50	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.2

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
12000	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
10000	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
8000	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
6000	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
4000	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
3000	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
2000	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
1800	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
1600	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
1400	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
1200	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
1000	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
800	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
600	44.0	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
400	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
200	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
100	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
80	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
60	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
40	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
20	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
10	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
5	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
3	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
2	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
1	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
0	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
0	49.1	80.1	85.9	89.8	93.2	93.8	95.4	96.5	97.1	98.5	98.8	98.8	98.8	98.9	98.9	99.2
0	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
0	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
 USAF ETAC
 AIR WEATHER SERVICE/HAC

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	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 10000	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	47.0
≥ 7000	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	56.3
≥ 6000	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	56.3
≥ 5000	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	58.1
≥ 4000	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	59.1
≥ 3000	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	61.4
≥ 2000	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	61.4
≥ 1800	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	63.4
≥ 1700	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	64.4
≥ 1600	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	65.9
≥ 1500	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	67.9
≥ 1450	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	68.5
≥ 1400	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	69.3
≥ 1350	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	70.2
≥ 1300	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	72.4
≥ 1250	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	74.7
≥ 1200	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	78.4
≥ 1150	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	79.0
≥ 1100	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	82.7
≥ 1050	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	85.3
≥ 1000	52.7	84.4	86.0	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 950	52.9	84.8	87.0	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	52.9	85.2	87.8	90.0	90.9	90.9	90.9	90.9	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 850	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	93.7
≥ 800	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	96.1
≥ 750	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	97.8
≥ 700	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	99.3
≥ 650	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	99.9
≥ 600	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	99.9
≥ 550	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	99.9
≥ 500	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	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 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															
	2.0	2.6	3.3	4.0	4.7	5.4	6.1	6.8	7.5	8.2	8.9	9.6	10.3	11.0	11.7	12.4
2 2000	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	47.8	47.8
2 1800	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	55.8	55.8
2 1600	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	55.8	55.8
2 1400	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	57.2	57.2
2 1200	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	57.7	57.7
2 1000	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	61.4	61.4
2 900	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	61.5	61.5
2 800	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	62.7	62.7
2 700	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	63.1	63.1
2 600	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	64.4	64.4
2 500	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	67.4	67.4
2 450	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	68.2	68.2
2 400	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	71.4	71.4
2 350	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	72.7	72.7
2 300	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	75.8	75.8
2 250	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	78.5	78.5
2 200	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	82.1	82.1
2 1800	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	82.6	82.6
2 1500	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	85.8	85.8
2 1200	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	87.5	87.5
2 1000	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	90.0	90.0
2 900	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	90.9	90.9
2 800	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	92.7	92.7
2 700	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	93.7	93.7
2 600	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	95.6	95.6
2 500	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	96.6	96.6
2 450	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	98.4	98.4
2 400	53.1	87.8	89.8	93.4	95.4	96.0	97.6	98.1	98.1	98.9	99.0	99.0	99.0	99.0	99.1	99.1
2 350	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0
2 300	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0
2 250	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATISTICS															
	210	26	21	14	11	11	11	11	11	11	11	11	11	11	11	11
NO. OF OBS.	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 800	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
≥ 600	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
≥ 400	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
≥ 200	47.1	72.2	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
≥ 100	47.2	72.3	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
≥ 700	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
≥ 500	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	53.4	85.8	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
≥ 100	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	53.8	87.8	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
≥ 400	53.8	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
≥ 300	53.8	87.8	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
≥ 200	53.8	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	53.8	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
≥ 0	53.8	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

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
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
≥ 29000	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
≥ 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
≥ 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
≥ 14000	40.6	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 300	52.8	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
≥ 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	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	9	8	7	6	5	4	3	2	1	1/2	1/4	1/8	3/16	1/32	0	
NO. CEILING	34.0	50.0	50.3	50.6	50.8	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	57.8	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	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	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	59.0	59.1
≥ 12000	38.5	58.4	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	59.6	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	62.3	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	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	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	65.3	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	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	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	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	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	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	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	76.5	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	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	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	83.4
≥ 1200	50.2	80.8	83.1	84.2	85.1	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 1000	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	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	89.2	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	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	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	94.8
≥ 500	50.5	83.7	87.6	90.7	93.8	94.3	95.5	96.0	96.1	96.6	96.7	96.7	96.7	96.8	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	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	98.6	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	99.0	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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 6563

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.6	2.9	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
≥ 12000	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
≥ 10000	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
≥ 8000	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
≥ 6000	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
≥ 4000	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
≥ 2000	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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																
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	
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	59.9	60.1	60.1	60.1	60.1
≥ 2000	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 1800	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 1500	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 1400	39.8	62.2	63.0	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 1200	39.9	62.5	63.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
≥ 1000	41.1	65.0	65.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 900	41.1	65.0	65.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 800	41.8	67.3	68.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0
≥ 700	42.6	68.4	69.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
≥ 600	44.0	70.7	71.9	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8
≥ 500	46.5	74.4	75.7	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6
≥ 450	46.6	74.5	75.8	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 400	47.1	75.7	77.2	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
≥ 350	47.4	77.1	78.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 300	47.9	78.5	80.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	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	84.2	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	86.4	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	86.6	86.7	86.7	86.7	86.7
≥ 1500	49.6	83.7	86.4	88.1	89.1	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	91.6	91.6	91.6	91.6	91.6	91.6	91.9	91.9	91.9	91.9
≥ 1000	49.7	86.2	89.2	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8	92.8
≥ 900	49.7	86.3	89.4	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	92.9	92.9
≥ 800	49.7	86.7	90.4	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0
≥ 700	49.7	87.1	90.9	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.8	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	96.7	96.7	96.8	96.8	97.0	97.0	97.0
≥ 500	49.7	87.1	91.4	94.3	96.5	96.8	97.3	98.0	98.0	98.0	98.0	98.0	98.1	98.1	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	98.6	98.6	98.7	98.7	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	98.9	98.9	98.9	99.0	99.1	99.1	99.4	99.4
≥ 200	49.7	87.1	91.5	94.6	97.2	97.3	98.2	99.0	99.0	99.0	99.0	99.1	99.2	99.2	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	99.1	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	99.1	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATISTICAL															
	10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
> 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	52.2
≥ 2000	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	57.7
≥ 1800	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	57.7
≥ 1600	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	57.7
≥ 1400	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	58.3
≥ 1200	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	58.9
≥ 1000	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	61.9
≥ 900	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	62.2
≥ 800	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	65.3
≥ 700	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	66.3
≥ 600	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	69.3
≥ 500	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	72.5
≥ 450	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	73.0
≥ 400	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	73.9
≥ 350	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	75.5
≥ 300	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	77.9
≥ 250	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	79.8
≥ 200	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	82.6
≥ 180	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	82.8
≥ 150	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	84.5
≥ 120	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	87.6
≥ 100	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	90.1
≥ 90	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	90.6
≥ 80	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	92.8
≥ 70	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	95.1
≥ 60	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	96.2
≥ 50	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	98.0
≥ 40	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	99.2
≥ 30	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	99.9
≥ 20	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	99.9
≥ 10	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	99.9
≥ 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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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	≥1	≥1	≥1		
NO. CEILING	31.3	49.9	50.5	50.6	50.6	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
≥ 2000	34.9	56.1	56.7	56.9	56.9	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
≥ 1800	34.9	56.1	56.7	56.9	56.9	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
≥ 1600	34.9	56.1	56.7	56.9	56.9	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
≥ 1400	35.8	57.1	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1
≥ 1200	36.3	57.6	58.5	58.7	58.7	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
≥ 1000	39.3	61.7	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7
≥ 900	39.9	62.3	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4
≥ 800	41.2	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3
≥ 700	41.6	65.3	65.9	66.0	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	66.2
≥ 600	43.1	66.9	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3
≥ 500	44.5	69.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9
≥ 450	44.5	69.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9
≥ 400	45.2	70.2	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8
≥ 350	45.8	71.2	72.3	72.9	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	73.0
≥ 300	46.6	72.6	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	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	76.7	76.8	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	79.1	79.3	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	79.5	79.6	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	83.0	83.1	83.1	83.1	83.1	83.1
≥ 1400	50.0	82.1	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	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	88.3	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	89.1	89.2	89.2	89.3	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	90.3	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	93.8	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	96.4	96.6	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	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	99.5	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	99.6	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	99.6	99.9	99.9	100.0	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	99.6	99.9	99.9	100.0	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	99.6	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 786

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATISTICS															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	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
≥ 7500	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
≥ 8000	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
≥ 16000	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
≥ 18000	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	46.3	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

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															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
27000	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
26000	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
25000	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
24000	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
23000	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
22000	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
21000	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
20000	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
19000	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
18000	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
17000	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
16000	46.2	71.8	72.3	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
15000	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
14000	48.1	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
13000	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
12000	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
11000	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
10000	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
9000	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
8000	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
7000	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
6000	52.5	90.8	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
5000	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
4000	52.8	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
3000	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
2000	52.9	91.5	95.1	98.2	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	52.9	91.5	95.1	98.2	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	52.9	91.5	95.1	98.2	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	20	27	27	2	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0
NO. CEILING	35.9	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
≥ 25000	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 6000	48.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 700	53.5	91.6	94.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	53.5	91.7	95.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	53.5	91.7	95.5	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	53.6	91.8	95.7	98.1	98.3	98.5	98.7	99.0	99.0	99.0	99.1	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
≥ 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	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	2	20	25	24	20	20	20	20	20	20	20	20	20	20	20	20	20
1000	43.5	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	64.4	64.4	64.4
800	47.1	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	70.8
600	47.1	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	70.8
400	47.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
200	47.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
100	48.6	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	73.9	73.9
50	48.6	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	73.9	73.9
30	50.5	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	77.1	77.1	77.1
20	50.5	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	77.6	77.6
15	51.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
10	52.3	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	82.1	82.1
5	52.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
0	52.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1000	53.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
800	53.7	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	85.8	85.8	85.8
600	53.9	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
400	54.4	88.5	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
200	54.5	88.7	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
100	54.8	89.5	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
50	54.9	91.3	92.6	93.5	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
30	55.0	92.4	94.0	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
20	55.3	92.8	94.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
15	55.4	93.2	95.2	96.4	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
10	55.4	93.3	95.5	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
5	55.4	93.5	96.2	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	55.4	93.5	96.2	98.1	98.7	98.7	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1000	55.4	93.5	96.2	98.2	98.9	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	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

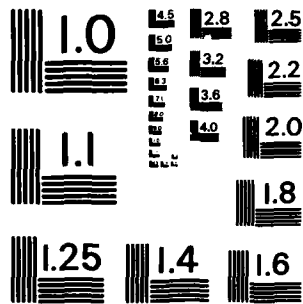
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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															
	210	26	21	24	23	22	21	20	19	18	17	16	15	14	13	12
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	55.0	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	39.4	62.2	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 10000	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
≥ 9000	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
≥ 8000	43.2	68.0	68.6	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3
≥ 7000	43.6	68.8	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1
≥ 6000	44.8	70.5	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	46.5	73.7	74.3	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	46.7	74.0	74.7	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
≥ 4000	47.3	75.3	76.1	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9
≥ 3500	48.1	77.0	77.8	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7
≥ 3000	49.0	78.7	79.6	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6
≥ 2500	49.7	81.0	82.0	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 2000	50.6	83.0	84.2	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 1800	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
≥ 1600	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
≥ 1400	51.5	87.1	88.9	90.3	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	51.7	88.2	90.4	91.9	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	51.8	88.5	91.0	92.6	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7
≥ 900	51.9	88.8	91.6	93.7	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
≥ 800	51.9	89.2	92.4	94.8	96.0	96.1	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7
≥ 700	52.0	89.4	92.9	95.6	96.9	97.1	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0
≥ 600	52.0	89.6	93.2	95.9	97.4	97.7	98.4	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0
≥ 500	52.0	89.6	93.2	96.0	97.7	98.0	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5
≥ 400	52.0	89.6	93.3	96.1	97.8	98.1	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8
≥ 300	52.0	89.6	93.3	96.1	97.8	98.1	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9
≥ 200	52.0	89.6	93.3	96.1	97.8	98.2	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9
≥ 100	52.0	89.6	93.3	96.1	97.8	98.2	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6310

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

NO. FT. IN CEILING	VISIBILITY IN STATUTE MILES															
	0.25	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14
20000	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
18000	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
16000	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
14000	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
12000	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
10000	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
9000	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
8000	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
7000	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
6000	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
5000	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
4000	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	85.3	85.5	85.5
3000	48.8	85.0	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
2500	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	87.5	87.7	87.7
2000	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	89.7	89.8	89.8
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	51.9	91.1	93.6	95.5	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2
800	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
700	51.9	91.4	94.3	96.0	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
600	51.9	91.4	94.3	96.0	98.1	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
500	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
400	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
300	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
200	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
100	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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															
	210	26	21	14	23	20	22	2	2.4	2	2.4	2.4	2	2.4	2.4	2
NO. FEET	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	58.0
≥ 29000	32.4	60.7	62.3	62.8	63.7	63.0	63.0	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	63.3
≥ 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	63.3
≥ 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	63.7
≥ 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	64.5
≥ 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	67.6
≥ 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	67.7
≥ 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	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	73.1
≥ 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	75.7
≥ 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	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	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	83.6
≥ 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	84.8
≥ 3000	44.1	83.4	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	87.3
≥ 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	88.4
≥ 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	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	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	91.5
≥ 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	92.6
≥ 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	93.9
≥ 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	94.7
≥ 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	95.3
≥ 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	96.3
≥ 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	96.6
≥ 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	97.8
≥ 400	46.4	89.5	93.5	95.9	97.2	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.3	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	98.6	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	99.0	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	99.0	99.5	99.5	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	99.0	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 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 STATEMENTS																
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/2	≥ 1/4	≥ 1/8	
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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	40.0	71.6	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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	83.5
≥ 250	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
≥ 200	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
≥ 180	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
≥ 160	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
≥ 140	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
≥ 120	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
≥ 100	45.0	81.5	86.8	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
≥ 80	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
≥ 70	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
≥ 60	45.3	82.9	89.0	92.0	94.3	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
≥ 50	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
≥ 40	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
≥ 30	45.3	83.6	90.4	93.6	96.4	96.9	98.0	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.6
≥ 20	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 10	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 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	99.4	99.4	99.4	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIF 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)															
	2 1/2	2	1 1/2	1	3/4	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048
29.9	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	51.2
2 29000	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
2 8000	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
2 8000	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
2 4000	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
2 4000	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
2 10000	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
2 9000	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
2 8000	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
2 7000	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
2 6000	40.9	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
2 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
2 4500	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
2 4000	41.4	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
2 3500	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
2 3000	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
2 2500	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
2 2000	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
2 1800	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
2 1500	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
2 1200	48.9	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
2 1000	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
2 900	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
2 800	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
2 700	50.9	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
2 600	50.9	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
2 500	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
2 400	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
2 300	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
2 200	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 100	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 00	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 00	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 818

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															
	210	20	21	24	23	21	21	2	21	2	21	2	21	2	21	2
NO. FEET	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
≥ 2000	34.4	58.5	58.5	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
≥ 1800	34.4	58.5	58.5	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
≥ 1600	34.4	58.5	58.5	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
≥ 1400	36.0	60.2	60.2	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
≥ 1200	36.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3
≥ 1000	37.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
≥ 900	37.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
≥ 800	39.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6
≥ 700	40.0	67.4	67.5	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
≥ 600	41.1	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2
≥ 500	42.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9
≥ 450	43.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5
≥ 400	45.2	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4
≥ 350	47.7	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3
≥ 300	51.0	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6
≥ 250	52.5	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 200	53.8	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4
≥ 180	54.1	87.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7
≥ 150	55.5	91.7	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
≥ 120	56.2	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 100	56.7	95.1	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4
≥ 90	57.0	95.6	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 80	57.0	95.6	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 70	57.3	96.1	96.7	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9
≥ 60	57.3	96.4	97.0	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4
≥ 50	57.3	96.4	97.3	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1
≥ 40	57.3	96.4	97.3	98.2	98.5	98.9	99.1	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 30	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0
≥ 20	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.9	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	99.5	99.5	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS.

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO. CEILING	28.5	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	50.8	50.8
≥ 2000	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	64.0	64.0
≥ 1800	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	64.0	64.0
≥ 1600	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	64.0	64.0
≥ 1400	37.1	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
≥ 1200	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	66.4	66.4
≥ 1000	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	68.5	68.5
≥ 900	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	68.5	68.5
≥ 800	41.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 700	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	71.1	71.1
≥ 600	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	73.2	73.2
≥ 500	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	75.9	75.9
≥ 450	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	77.1	77.1
≥ 400	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	80.2	80.2
≥ 350	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	84.9	84.9
≥ 300	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	88.2	88.2
≥ 250	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	91.4	91.4
≥ 200	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	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	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	94.8	94.8
≥ 1200	59.1	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	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	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	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	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	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	98.3	98.3
≥ 500	60.0	97.0	97.5	98.0	99.0	99.0	99.1	99.1	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	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	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	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	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	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724566

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	2 1/2	2 1/4	2 1/2	2 3/4	2 1/2	2 1/4	2 1/2	2 3/4	2 1/2	2 1/4	2 1/2	2 3/4	2 1/2	2 1/4	2 1/2	2 3/4
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
≥ 29000	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
≥ 15000	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	82.3	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	85.4	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	87.7	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	89.6	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	91.2	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	92.7	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	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.3
≥ 1800	58.6	93.2	93.6	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.3
≥ 1500	58.8	93.6	94.2	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	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	95.7	95.8	95.8	95.9
≥ 1000	59.1	94.8	95.6	96.0	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	97.0
≥ 900	59.4	95.2	95.9	96.5	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.5
≥ 800	59.5	95.8	96.7	97.4	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.4
≥ 700	59.5	95.8	97.0	97.9	98.4	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 600	59.5	95.8	97.0	97.9	98.4	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 500	59.5	95.9	97.2	98.0	98.5	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.3
≥ 400	59.5	96.0	97.3	98.1	98.8	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 300	59.5	96.0	97.3	98.3	99.0	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9
≥ 200	59.5	96.0	97.3	98.3	99.0	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9
≥ 100	59.5	96.0	97.3	98.3	99.0	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9
≥ 0	59.6	96.2	97.4	98.4	99.1	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	270	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
> 20000	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
> 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	85.9	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

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

ALL

NO. CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0.15	
≥ 20000	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	53.9	54.0
≥ 18000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
≥ 16000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
≥ 14000	36.3	62.7	63.4	63.7	63.8	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	65.0	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	68.7	68.8
≥ 9000	39.6	67.6	68.4	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	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	72.6	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	73.6	73.7
≥ 6000	43.4	74.3	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	75.8	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	79.6	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	80.1	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	82.0	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	84.0	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	86.3	86.3	86.3	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	88.2	88.3
≥ 2000	51.7	87.8	89.2	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	90.4
≥ 1800	51.8	88.0	89.4	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 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	92.2	92.2	92.2	92.2	92.3
≥ 1400	52.7	90.3	92.0	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	93.6
≥ 1200	53.0	91.1	93.0	94.1	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1000	53.2	91.5	93.4	94.6	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 800	53.3	91.7	93.8	95.0	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 700	53.4	92.2	94.4	95.7	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 600	53.5	92.4	94.7	96.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 500	53.5	92.7	95.2	96.7	97.9	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 400	53.6	92.8	95.3	97.0	98.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 300	53.6	92.8	95.3	97.0	98.4	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 200	53.6	92.8	95.4	97.1	98.5	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 100	53.6	92.8	95.4	97.1	98.5	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 0	53.6	92.8	95.4	97.1	98.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 6422

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP MS

73-79,81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

NO. CEILING FEET	VISIBILITY (STATUTE MILES)																
	2 1/2	2	1 1/2	1	3/4	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	
NO. CEILING ≥ 20000	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	70.9	70.9
≥ 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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	99.3	99.3	99.3	99.3	99.3
≥ 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	99.6	99.6	99.6	99.6	99.6
≥ 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	99.7	99.7	99.7	99.7	99.7
≥ 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	99.7	99.7	99.7	99.7	99.7
≥ 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	99.7	99.7	99.7	99.7	99.7
≥ 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	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 701

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING	21	24	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
1000	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	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
900	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	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
800	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	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
700	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	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
600	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	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
500	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	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
400	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	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
300	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	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
200	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	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
100	47.9	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	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0	47.9	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	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0	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	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
0	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	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
0	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	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
0	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	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
0	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	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0	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	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
0	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	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
0	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	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	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	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
0	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	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	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	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0	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	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0	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	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	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	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
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	100.0	100.0	100.0	100.0	100.0	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	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

727

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 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	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
10000	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	
9000	39.4	62.9	64.2	65.5	66.0	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	64.2	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	
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	
4000	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	
3000	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	
2000	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	
1500	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	
1000	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	
750	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	
500	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	
250	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	
100	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	
75	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	
50	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	
25	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	
15	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	
10	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	
7.5	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	
5	54.0	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	
2.5	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	
1.5	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	
1	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	
.75	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	
.5	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	
.25	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	
.15	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	
.1	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

SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	87.8
2500	54.6	88.8	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	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	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	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	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	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	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	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	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	97.6
600	57.7	96.1	97.0	98.0	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	98.2	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	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	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	100.0
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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

NO. FEET	MILES															
	20	20	21	24	24	24	24	24	24	24	24	24	24	24	24	24
20000	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
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	84.0	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	85.2	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	87.2	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	90.0	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	92.8	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	95.4	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	96.7	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	96.7	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	98.0	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	98.4	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	98.7	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	98.7	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	98.9	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	99.2	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	99.7	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	100.0	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	62.7	99.0	99.4	99.5	99.7	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 788

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
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 (STATUTE MILES)																
		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	3	4	5	6	7	8	9	10
2	10000	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	67.1
2	9000	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	72.7
2	8000	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	72.7
2	7000	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	73.7
2	6000	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	75.2
2	5000	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	77.7
2	4000	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	77.8
2	3000	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	80.6
2	2000	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	81.3
2	1500	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	82.7
2	1000	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	85.9
2	750	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	87.0
2	600	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	90.6
2	450	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	92.8
2	300	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	95.1
2	250	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	96.1
2	200	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	97.5
2	1800	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	97.6
2	1500	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	98.4
2	1200	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	98.6
2	1000	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	98.7
2	900	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	98.9
2	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	99.0
2	700	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	99.0
2	600	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	99.1
2	500	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	99.6
2	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	99.9
2	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	99.9
2	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	99.9
2	100	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	99.9
2	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	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 STATISTICS																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
≥ 10000	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	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	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	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	51.8	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	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4000	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	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	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	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	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	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	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	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	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	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	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	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 600	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	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 400	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	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 300	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	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 200	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	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 150	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	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 100	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	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 75	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	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 50	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	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 25	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	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 10	64.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5	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	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3	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	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2	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	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1	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	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	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	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATISTICS															
	20	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24
2000	46.8	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
1800	51.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
1600	51.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
1400	52.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5
1200	53.2	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
1000	54.5	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
800	54.7	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
600	56.5	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
400	57.0	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
200	57.1	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
100	60.0	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1
50	60.3	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6
25	60.9	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5
15	61.2	95.3	95.4	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2
10	62.1	96.6	96.8	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
5	62.4	96.8	97.1	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
3	62.5	97.0	97.2	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0
2	62.5	97.1	97.4	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2
1	62.7	97.2	97.5	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
0	62.8	97.6	97.9	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
0	62.8	98.0	98.4	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
0	62.8	98.0	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
0	62.8	98.0	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
0	62.8	98.0	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
0	62.8	98.0	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
0	62.9	98.2	98.5	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
0	62.9	98.2	98.5	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
0	62.9	98.2	98.5	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
0	62.9	98.2	98.5	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
0	62.9	98.2	98.5	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.9	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	200	24	30	34	40	45	50	55	60	65	70	75	80	85	90	95	100
≥ 20000	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	65.8	65.8	65.9
≥ 18000	45.8	73.0	73.4	73.7	73.9	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	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	75.1
≥ 12000	47.4	75.4	75.8	76.1	76.3	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	79.2	79.2	79.3
≥ 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	82.7
≥ 7000	51.8	82.4	82.9	83.2	83.4	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	84.8	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	88.3	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	88.7	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	90.5	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	91.8	91.8	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	93.4
≥ 2500	57.8	92.9	93.6	94.0	94.2	94.3	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	95.2	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	95.5
≥ 1500	58.5	94.7	95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	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	97.2
≥ 1000	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	97.9
≥ 900	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	98.0
≥ 800	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	98.3
≥ 700	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	98.6
≥ 600	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	98.8
≥ 500	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	99.2
≥ 400	59.1	96.7	97.9	98.6	99.1	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	59.1	96.7	97.9	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	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	99.6	99.8	99.8	99.8	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	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6144

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-79,81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

NO. FEET	VISIBILITY STATISTICS															
	≥ 10	≥ 6	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024	≥ 1/2048
≥ 20000	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
≥ 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
≥ 10000	53.7	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 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	58.1	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
≥ 4000	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
≥ 3500	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
≥ 3000	59.2	92.3	93.4	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	59.6	92.7	93.8	95.8	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	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
≥ 1900	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
≥ 1700	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	93.8	95.7	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
≥ 1500	60.1	93.8	95.7	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
≥ 1400	60.1	93.9	95.9	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
≥ 1300	60.1	94.1	96.1	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	60.1	94.1	96.1	98.2	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	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

VISIBILITY STATISTICS

CEILING	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	50.9	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
200	51.7	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
100	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
50	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
30	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
20	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
15	55.9	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
10	56.6	88.4	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
5	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
3	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
2	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
1	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
0.5	58.1	93.4	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
0.25	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
0.15	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
0.1	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
0.05	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
0.025	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
0.015	58.7	92.8	94.4	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
0.01	58.7	92.8	94.8	96.5	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0.005	58.7	92.8	94.8	96.5	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.0025	58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0015	58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.001	58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
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	20	26	31	34	40	45	50	55	60	65	70	75	80	85	90	95	100
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	64.7
2 2000	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	72.7
2 1800	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	72.7
2 1600	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	72.7
2 1400	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	74.3
2 1200	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	75.5
2 1000	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	79.5
2 900	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	79.5
2 800	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	84.2
2 700	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	84.6
2 600	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	86.0
2 500	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	88.5
2 450	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	88.8
2 400	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	89.6
2 350	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	89.7
2 300	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	90.7
2 250	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	91.1
2 200	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	92.3
2 1800	55.8	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	92.4
2 1500	55.8	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	92.4
2 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	92.9
2 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	95.7
2 900	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	95.7
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	96.8
2 700	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	97.8
2 600	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	98.0
2 500	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	98.8
2 400	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	99.4
2 300	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 200	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 1000	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 500	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 816

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

NO. FEET	VISIBILITY (STATUTE MILES)																
	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	13/10	14/10	15/10	16/10	
2 12000	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	67.5
2 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	73.1
2 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	73.1
2 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	74.2
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	74.8
2 1500	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	79.2
2 1000	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	79.6
2 800	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	82.4
2 700	53.7	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	82.9
2 600	53.8	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	84.1
2 500	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	87.8
2 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	88.2
2 4000	56.3	86.7	88.4	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	89.9
2 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	90.2
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	91.4
2 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	91.5
2 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	93.5
2 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	93.7
2 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	95.4
2 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	95.7
2 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	96.8
2 900	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	97.2
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	97.9
2 700	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	98.2
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	99.0
2 500	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	99.6
2 400	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	100.0
2 300	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	100.0
2 200	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	100.0
2 100	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	100.0
2 50	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	100.0

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 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	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.02	≥0
≥10000	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
≥8000	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
≥6000	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
≥4000	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
≥2000	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
≥1000	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
≥900	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
≥800	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
≥700	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
≥600	56.4	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	82.9	82.9
≥500	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
≥450	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
≥400	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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥700	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
≥600	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
≥500	65.6	96.3	97.6	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥400	65.6	96.3	97.6	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥300	65.6	96.3	97.6	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥200	65.6	96.3	97.6	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥100	65.6	96.3	97.6	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥0	65.6	96.3	97.6	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

704586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATISTICS															
	210	20	23	24	25	27	28	30	32	34	36	38	40	45	50	55
> 10000	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
9000	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
8000	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
7000	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
6000	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
5000	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
4000	52.8	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
3000	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
2000	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
1000	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
> 6000	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
5000	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
4000	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
3000	63.0	90.9	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
2000	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
1000	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
> 2500	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
2000	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
1000	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
> 500	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
500	67.4	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
> 100	67.7	97.2	98.1	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
100	67.7	97.2	98.1	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
> 50	67.7	97.2	98.1	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
50	67.7	97.2	98.1	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
> 20	67.7	97.2	98.1	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
20	67.7	97.2	98.1	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
> 10	67.7	97.2	98.1	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
10	67.7	97.2	98.1	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
> 5	67.7	97.2	98.1	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
5	67.7	97.2	98.1	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
> 1	67.7	97.2	98.1	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
1	67.7	97.2	98.1	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

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100
> 1000	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	70.3	70.3	70.3	70.3
1000	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	78.3	78.3	78.3	78.3
900	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	78.3	78.3	78.3	78.3
800	56.7	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	80.6	80.6	80.6	80.6
700	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	81.5	81.5	81.5	81.5
600	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	86.9	86.9	86.9	86.9
500	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	87.6	87.6	87.6	87.6
400	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	90.4	90.4	90.4	90.4
300	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	90.9	90.9	90.9	90.9
200	64.7	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	92.4	92.4	92.4	92.4
100	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	94.6	94.6	94.6	94.6
< 100	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	95.6	95.6	95.6	95.6
> 1000	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	96.1	96.1	96.1	96.1
1000	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	96.9	96.9	96.9	96.9
900	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	97.1	97.1	97.1	97.1
800	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	97.8	97.8	97.8	97.8
700	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	97.9	97.9	97.9	97.9
600	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	98.7	98.7	98.7	98.7
500	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	98.7	98.7	98.7	98.7
400	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	98.8	98.8	98.8	98.8
300	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	98.8	98.8	98.8	98.8
200	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	98.9	98.9	98.9	98.9
100	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	99.3	99.3	99.3	99.3
< 100	68.1	96.3	97.2	98.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
> 1000	68.1	96.3	97.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	68.1	96.3	97.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	68.1	96.3	97.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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
1000	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
900	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
800	66.5	96.1	98.0	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	66.5	96.1	98.0	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	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
500	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
400	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
300	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
200	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	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

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

734586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
1000	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
900	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
800	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
700	49.7	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
600	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
500	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
400	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
300	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
200	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
100	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
50	59.8	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
0	59.7	87.6	88.7	89.7	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	62.7	93.2	94.6	95.8	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
200	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
100	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
50	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
0	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
1000	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
900	63.1	94.3	96.2	97.6	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
800	63.1	94.3	96.3	97.7	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	63.1	94.3	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
500	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
400	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
300	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
200	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
100	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
50	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
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	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 6370

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
10000	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
8000	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
6000	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
4000	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
3000	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
2000	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
1800	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
1600	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
1400	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
1200	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
1000	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
800	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
600	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
400	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
200	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
100	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
50	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
25	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
15	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
10	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
7	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
5	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
3	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
2	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
1	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
0	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
0	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
0	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
0	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
0	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
0	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

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
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	27	28	29	30	31	32	33	34	35	36	37	38	39	40
NO. HOURLY	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
1-2500	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
2-2000	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
3-1500	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
4-1000	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
5-500	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
6-250	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
7-100	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
8-50	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
9-25	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
10-15	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
11-10	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
12-5	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
13-3	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
14-2	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
15-1	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
16-0	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
17-0	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
18-0	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
19-0	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
20-0	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
21-0	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
22-0	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
23-0	63.0	92.9	95.4	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
24-0	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
25-0	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
26-0	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
27-0	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	99.6
28-0	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	99.6
29-0	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	99.9
30-0	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	99.9

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0600-0600

CEILING	20'	25'	30'	35'	40'	45'	50'	55'	60'	65'	70'	75'	80'	85'	90'	95'	100'
NO CLOUDS	39.3	58.2	67.4	61.5	61.8	62.0	62.1	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.6
1-1000	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	69.3	69.4
2-1000	43.6	64.5	67.7	68.3	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.6
3-1000	43.6	64.5	67.7	68.3	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.6
4-1000	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	70.9	71.0
5-1000	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	71.3	71.4
6-1000	47.9	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	76.6	76.7
7-1000	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	76.7	76.8
8-1000	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	82.7	82.8
9-1000	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	84.0	84.2
1-500	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	85.6	85.8
2-500	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	88.5	88.6
3-500	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	88.6	88.7
4-500	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	89.6	89.7
5-500	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	89.9	90.1
6-500	57.5	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	90.6	90.7
7-500	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	90.9	91.0
8-500	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	92.5	92.6
9-500	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	93.1	93.3
1-100	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	94.7	94.8
2-100	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	95.2	95.3
3-100	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	95.3	95.5
4-100	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	95.8	96.0
5-100	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	96.2	96.3
6-100	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	97.1	97.2
7-100	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	97.8	97.9
8-100	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	98.4	98.5
9-100	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	99.0	99.1
1-50	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	99.1	99.1	99.1	99.3
2-50	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	99.3	99.6
3-50	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	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1000	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	66.2	66.2	66.2	66.2	66.2	
900	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	71.8	71.8	71.8	71.8	71.8	71.8
800	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	71.8	71.8	71.8	71.8	71.8	71.8
700	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	73.2	73.2	73.2	73.2	73.2	73.2
600	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	74.5	74.5	74.5	74.5	74.5	74.5
500	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	78.9	78.9	78.9	78.9	78.9	78.9
400	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	79.2	79.2	79.2	79.2	79.2	79.2
300	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	81.8	81.8	81.8	81.8	81.8	81.8
200	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	83.0	83.0	83.0	83.0	83.0	83.0
100	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	85.1	85.1	85.1	85.1	85.1	85.1
0	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	86.9	86.9	86.9	86.9	86.9	86.9
1000	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	87.1	87.1	87.1	87.1	87.1	87.1
900	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	87.9	87.9	87.9	87.9	87.9	87.9
800	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	87.9	87.9	87.9	87.9	87.9	87.9
700	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	89.6	89.6	89.6	89.6	89.6	89.6
600	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	90.6	90.6	90.6	90.6	90.6	90.6
500	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	91.9	91.9	91.9	91.9	91.9	91.9
400	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	92.0	92.0	92.0	92.0	92.0	92.0
300	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	93.4	93.4	93.4	93.4	93.4	93.4
200	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	94.6	94.6	94.6	94.6	94.6	94.6
100	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	96.9	96.9	96.9	96.9	96.9	96.9
0	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	97.3	97.3	97.3	97.3	97.3	97.3
1000	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	97.4	97.4	97.4	97.4	97.4	97.4
900	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	97.7	97.7	97.7	97.7	97.7	97.7
800	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	98.2	98.2	98.2	98.2	98.2	98.2
700	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	99.1	99.1	99.1	99.1	99.1	99.1
600	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	99.4	99.4	99.4	99.4	99.4	99.4
500	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	99.6	99.6	99.6	99.6	99.6	99.6
400	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724536 SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

NO. FEET	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140
NO. FEET	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	67.0	67.0
2-0000	53.9	71.4	71.7	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	71.8
2-1000	53.9	71.4	71.7	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	71.8
2-2000	53.9	71.4	71.7	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	71.8
2-3000	54.7	72.3	72.5	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	72.6
2-4000	56.0	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	74.6	74.6	74.6
2-5000	58.9	78.2	78.4	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	78.5
2-6000	58.9	78.3	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	78.5	78.5
2-7000	60.2	80.6	80.9	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	81.0
2-8000	63.4	81.2	81.5	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	81.6
2-9000	61.2	82.3	82.6	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	82.7
2-10000	62.9	84.8	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	85.2	85.2	85.2
2-11000	63.4	85.3	85.5	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	85.6
2-12000	64.8	86.9	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	87.2	87.2	87.2
2-13000	65.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2-14000	66.5	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	89.9	89.9	89.9	89.9
2-15000	67.1	90.9	91.3	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	91.4
2-16000	63.3	93.3	93.9	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	94.0
2-17000	68.5	93.5	94.1	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	94.2
2-18000	69.0	94.5	95.1	95.2	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	95.3
2-19000	69.8	95.5	96.1	96.2	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	96.3
2-20000	69.9	96.2	97.1	97.2	97.3	97.3	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
2-21000	70.1	96.6	97.4	97.5	97.7	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	97.8
2-22000	70.1	96.8	97.8	97.9	98.0	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	98.2
2-23000	70.1	97.7	98.7	99.0	99.1	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	99.3
2-24000	70.1	97.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2-25000	70.1	98.0	99.1	99.6	99.8	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	99.9
2-26000	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2-27000	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2-28000	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2-29000	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2-30000	70.1	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 815

CEILING VERSUS VISIBILITY

2

774586 SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING	20	21	24	25	26	27	28	29	30	31	32	33	34	35	36
1000	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
900	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
800	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
700	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
600	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
500	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
400	59.3	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
300	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
200	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
100	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
50	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
30	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
20	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
10	69.0	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
5	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
0	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
0	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
0	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
0	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
0	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
0	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
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
0	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
0	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
0	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
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
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
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
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
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

TOTAL NUMBER OF OBSERVATIONS 814

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
NO CLOUDS	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	69.3
1-2000	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	78.0
2-2000	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	78.0
3-2000	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	78.0
4-2000	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	80.2
5-2000	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	81.0
6-2000	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	85.4
7-2000	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	85.4
8-2000	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	87.9
9-2000	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	89.2
10-2000	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	91.0
11-2000	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	91.0
12-2000	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	93.6
13-2000	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	93.6
14-2000	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	93.6
15-2000	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	94.7
16-2000	70.6	95.6	95.8	95.9	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
17-2000	70.6	95.6	95.8	95.9	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
18-2000	71.2	96.8	97.0	97.2	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
19-2000	71.2	96.8	97.0	97.2	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
20-2000	71.2	96.8	97.0	97.2	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
21-2000	71.2	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
22-2000	71.2	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
23-2000	71.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
24-2000	71.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
25-2000	71.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
26-2000	71.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
27-2000	71.7	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
28-2000	71.7	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
29-2000	71.7	98.1	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
30-2000	71.7	98.1	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
31-2000	71.7	98.6	99.0	99.1	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
32-2000	71.7	98.6	99.0	99.1	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
33-2000	71.7	98.6	99.0	99.1	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
34-2000	71.7	98.6	99.0	99.1	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
35-2000	71.7	98.6	99.0	99.1	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
36-2000	71.7	98.6	99.0	99.1	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
37-2000	71.7	98.6	99.0	99.1	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
38-2000	71.7	98.6	99.0	99.1	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
39-2000	71.7	98.6	99.0	99.1	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
40-2000	71.7	98.6	99.0	99.1	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

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
1000	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	73.2	73.2	73.2
900	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	80.9	80.9	80.9
800	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	80.9	80.9	80.9
700	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	80.9	80.9	80.9
600	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	83.3	83.3	83.3
500	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	88.0	88.0	88.0
400	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	88.0	88.0	88.0
300	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	89.3	89.3	89.3
200	64.1	89.8	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	90.4	90.4	90.4
100	65.4	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0	67.2	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1000	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	96.3	96.3	96.3
900	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	96.8	96.8	96.8
800	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	97.4	97.4	97.4
700	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	97.6	97.6	97.6
600	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	98.0	98.0	98.0
500	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	98.0	98.0	98.0
400	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	98.5	98.5	98.5
300	68.5	97.3	98.6	98.9	99.0	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	99.1	99.1
200	68.5	97.4	98.8	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	68.6	97.6	99.0	99.3	99.4	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	99.5	99.5
0	68.6	97.6	99.0	99.3	99.4	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	99.5	99.5
1000	68.6	97.6	99.0	99.4	99.5	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	99.8	99.8
900	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
800	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
700	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
600	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
500	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
400	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
300	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
200	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
100	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0
0	68.6	97.6	99.0	99.5	99.8	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING	20	25	30	34	37	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	48.6	66.9	67.6	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
900	53.2	73.1	73.9	74.3	74.4	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
800	53.2	73.1	73.9	74.3	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
700	53.2	73.1	73.9	74.3	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
600	54.3	74.4	75.2	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
500	54.9	75.2	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
400	57.8	79.4	80.3	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
300	57.7	79.5	80.4	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
200	59.8	82.8	83.7	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
100	60.5	84.0	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
50	61.5	85.5	86.5	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
30	63.8	88.4	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
20	63.7	88.6	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
15	64.5	89.8	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
10	64.9	90.4	91.4	91.9	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
5	65.9	91.4	92.5	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
3	65.8	92.0	93.2	93.7	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2	66.2	92.9	94.2	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1	66.2	93.1	94.3	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	66.4	93.6	94.9	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0	66.7	94.2	95.6	96.2	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	66.9	94.7	96.3	97.0	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
0	67.0	95.0	96.5	97.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0	67.0	95.1	96.7	97.4	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	67.0	95.4	97.0	97.8	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
0	67.0	95.4	97.2	98.0	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	67.0	95.6	97.4	98.2	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
0	67.1	95.6	97.5	98.3	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
0	67.1	95.6	97.5	98.3	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
0	67.1	95.6	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	67.1	95.7	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	67.1	95.7	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6439

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	54.4	75.3	70.8	70.9	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1
9000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
8000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
7000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
6000	57.8	73.6	74.1	74.2	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
5000	58.9	75.0	75.5	75.6	76.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
4000	61.1	78.1	78.6	78.7	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
3000	61.1	78.1	78.6	78.7	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
2000	61.6	79.6	80.2	80.4	80.9	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
1000	61.9	81.0	81.6	81.8	82.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
5000	62.9	82.7	83.3	83.4	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6
4000	64.5	85.1	85.7	85.8	86.4	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
3000	64.5	85.3	86.0	86.1	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
2000	65.3	86.9	87.5	87.6	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
1000	65.4	87.0	87.6	87.8	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	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	90.2	90.3	90.3	90.3	90.3
4000	66.1	89.5	90.3	90.8	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0
3000	66.7	91.3	92.1	92.6	93.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8
2000	66.7	91.5	92.2	92.7	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
1000	66.7	91.8	92.6	93.1	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3
5000	66.7	92.3	93.2	93.8	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
4000	66.7	92.7	93.8	94.4	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7
3000	66.7	93.1	94.1	94.8	95.4	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
2000	66.7	93.2	94.3	94.9	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
1000	66.7	93.4	94.5	95.2	95.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
5000	66.7	93.4	94.5	95.2	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
4000	66.8	93.8	95.3	96.0	97.2	97.4	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2
3000	66.8	93.9	95.4	96.2	97.4	97.7	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6
2000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.7	98.9	99.0	99.2	99.2	99.2	99.2
1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.7	98.9	99.0	99.5	99.5	99.5	99.5
5000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.7	98.9	99.0	99.5	99.5	99.5	99.6
4000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	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
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

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	71.1	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	73.7	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	73.7	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	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	74.6	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	78.2	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	78.2	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	80.1	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	81.5	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	83.3	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	85.2	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	85.6	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	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	86.5	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	87.5	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	88.4	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	90.0	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	90.3	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	90.6	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	91.6	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	92.7	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	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	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	95.7	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	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	97.6	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	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	98.7	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	99.2	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	99.5	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	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724566 SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

7600-9800

CEILING	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
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	63.0	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	66.8	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	66.8	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	67.2	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	68.2	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	72.0	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	72.1	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	75.6	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	76.3	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	78.1	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	80.9	80.9	80.9	80.9	81.0
55.1	72.1	75.1	78.1	79.3	80.0	80.4	80.9	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.4	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	83.2	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	84.0	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	85.1	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	86.4	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	87.9	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	88.8	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	89.4	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	90.8	90.8	90.8	90.8	91.0
57.4	80.7	84.1	88.2	90.1	91.0	91.5	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	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	92.9	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	94.0	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	95.0	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	95.7	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	96.8	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	98.3	98.3	98.3	98.3	98.5
57.9	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	98.5	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	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

774566 SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1000	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	63.5	63.5	63.5	63.5	
900	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	69.2	69.2	69.2	69.2	69.2
800	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	69.2	69.2	69.2	69.2	69.2
700	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	69.7	69.7	69.7	69.7	69.7
600	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	69.9	69.9	69.9	69.9	69.9
500	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	73.2	73.2	73.2	73.2	73.2
400	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	73.4	73.4	73.4	73.4	73.4
300	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	75.8	75.8	75.8	75.8	75.8
200	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	76.6	76.6	76.6	76.6	76.6
100	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	78.2	78.2	78.2	78.2	78.2
000	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	80.1	80.1	80.1	80.1	80.1
500	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	80.5	80.5	80.5	80.5	80.5
400	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	81.7	81.7	81.7	81.7	81.7
300	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	82.1	82.1	82.1	82.1	82.1
200	62.2	80.5	82.7	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	83.0	83.0	83.0	83.0	83.0
100	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	83.9	83.9	83.9	83.9	83.9
000	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	86.0	86.0	86.0	86.0	86.0
500	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	86.5	86.5	86.5	86.5	86.5
400	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	88.3	88.3	88.3	88.3	88.3
300	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	90.6	90.6	90.6	90.6	90.6
200	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	92.5	92.5	92.5	92.5	92.5
100	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	93.5	93.5	93.5	93.5	93.5
000	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	94.3	94.3	94.3	94.3	94.3
500	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	95.7	95.7	95.7	95.7	95.7
400	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	96.6	96.6	96.6	96.6	96.6
300	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	97.5	97.5	97.5	97.5	97.5
200	65.5	91.8	94.8	96.4	98.0	98.0	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	98.2
100	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
000	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AWP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
49.2	60.7	61.1	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	61.2
55.6	69.0	69.3	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	69.5
55.6	69.0	69.3	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	69.5
56.1	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	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	70.5	70.6	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	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
58.9	72.6	73.0	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	73.2
59.9	74.9	75.3	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	75.4
61.3	75.3	75.8	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	76.0
61.2	76.6	77.1	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	77.2
62.1	77.7	78.2	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	78.4
62.1	77.9	78.4	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
63.1	79.5	80.0	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	80.2
63.5	80.3	80.8	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	80.9
64.6	82.7	83.3	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	83.5
65.6	84.4	85.0	85.2	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	85.4
67.3	86.9	87.5	87.9	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	88.2
67.9	87.8	88.4	88.8	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	89.1
68.3	90.2	90.8	91.5	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	91.7
69.3	93.0	93.6	94.4	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	94.7
69.5	93.6	94.3	95.2	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	95.4
69.5	94.4	95.0	96.1	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	96.3
69.5	95.3	95.9	97.3	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	97.6
69.5	95.9	96.7	98.1	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	98.3
69.5	96.2	97.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1	99.2	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	99.5	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	99.5	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	99.5	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	99.5	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
 USAF ETAC
 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	VISIBILITY STATISTICAL															
	0	25	50	75	100	125	150	175	200	225	250	300	350	400	450	500
1000	49.2	63.9	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	61.1
900	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	70.9
800	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	70.9
700	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	71.7
600	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	73.2
500	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	76.5
400	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	76.5
300	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	78.7
200	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	79.4
150	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	80.3
100	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	82.5
75	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	83.2
50	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	85.0
25	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	86.5
10	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	89.1
5	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	90.3
2	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	92.5
1	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	92.9
0	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	94.0
0	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	96.1
0	71.4	96.1	96.4	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
0	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	98.1
0	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	98.1
0	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	98.3
0	71.4	97.1	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
0	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	99.4
0	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	99.7
0	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	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	100.0
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	100.0
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	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	50	60	70	80	90	100	120	140	160	180	200	250	300	400	500	600	700	800	900	1000
50	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	68.4	68.4	68.4	68.4
60	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	75.4	75.4	75.4	75.4
70	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	75.4	75.4	75.4	75.4
80	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	76.9	76.9	76.9	76.9
90	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	77.9	77.9	77.9	77.9
100	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	82.5	82.5	82.5	82.5
120	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	84.3	84.3	84.3	84.3
140	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	85.7	85.7	85.7	85.7
160	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	86.7	86.7	86.7	86.7
180	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	88.2	88.2	88.2	88.2
200	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	88.6	88.6	88.6	88.6
250	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	89.1	89.1	89.1	89.1
300	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	90.2	90.2	90.2	90.2
400	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	91.3	91.3	91.3	91.3
500	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	91.5	91.5	91.5	91.5
600	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	93.3	93.3	93.3	93.3
700	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	93.5	93.5	93.5	93.5
800	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	94.9	94.9	94.9	94.9
900	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	96.2	96.2	96.2	96.2
1000	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	97.5	97.5	97.5	97.5
1200	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	97.8	97.8	97.8	97.8
1400	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	98.0	98.0	98.0	98.0
1600	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	98.4	98.4	98.4	98.4
1800	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	98.6	98.6	98.6	98.6
2000	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	99.1	99.1	99.1	99.1
2500	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	99.6	99.6	99.6	99.6
3000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
4000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
6000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
7000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
8000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
9000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
10000	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
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	200	200	210	240	250	260	270	280	290	300	310	320	330	340	350	
50-599	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
60-599	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
70-599	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
80-599	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
90-599	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
100-599	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
110-599	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
120-599	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
130-599	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
140-599	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
150-599	67.5	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
160-599	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
170-599	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
180-599	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
190-599	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
200-599	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
210-599	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
220-599	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
230-599	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
240-599	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
250-599	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
260-599	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
270-599	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
280-599	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
290-599	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
300-599	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
310-599	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
320-599	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
330-599	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
340-599	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795

CEILING VERSUS VISIBILITY

724886 SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING	VISIBILITY (STATUTE MILES)														
	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
> 10000	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
> 8000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
> 6000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
> 4000	55.9	70.8	71.5	72.1	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
> 3000	56.7	71.7	72.5	73.0	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
> 2000	59.2	75.2	76.1	76.5	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
> 1000	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
> 800	60.7	77.3	78.2	78.8	79.1	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6
> 600	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	80.7
> 400	62.0	79.7	80.6	81.2	81.5	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
> 300	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
> 200	63.3	82.0	82.9	83.8	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
> 100	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
> 75	64.4	83.9	84.9	85.6	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
> 50	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	87.9
> 25	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
> 15	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	90.8	90.8
> 10	66.2	88.1	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
> 7	66.5	89.2	90.4	91.4	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
> 5	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
> 3	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
> 2	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	95.8
> 1	67.1	92.1	93.5	94.8	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2
> 1/2	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	97.0
> 1/4	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	97.5
> 1/8	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	98.4
> 1/4	67.2	93.1	95.0	96.7	97.9	98.3	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
> 1/8	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	99.5
> 1/4	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
> 1/8	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
> 1/4	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	100.0

TOTAL NUMBER OF OBSERVATIONS 6305

LIBERAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74536 MALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1300-0500

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	73.2	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
56.5	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	79.9	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	94.8	94.8	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	98.9	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	98.9	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	98.9	99.1	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	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

818

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

774586 SALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	0	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100	
1-000	49.5	64.4	64.9	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.3	66.3					
1-2000	50.7	66.3	66.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2					
1-4000	50.8	66.4	66.9	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3					
1-20000	51.4	67.5	68.1	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5						
2-000	51.8	68.0	68.6	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0						
2-500	54.3	71.1	71.7	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2						
2-900	54.6	71.4	72.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4						
2-8000	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	74.7	74.8	74.8						
2-7000	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							
2-5000	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							
2-7000	57.5	76.5	77.2	78.7	78.9	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4							
2-4000	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							
2-400	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							
2-3000	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							
2-3000	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	84.8	84.8								
2-2500	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	85.9	85.9								
2-2000	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	86.8	86.8								
2-1800	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							
2-1500	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	88.8	88.8								
2-1200	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	90.5	90.5								
2-1000	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							
2-900	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							
2-800	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	93.1	93.1								
2-700	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	94.2	94.2								
2-500	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	94.8	94.8								
2-500	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	96.5	96.5								
2-400	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	97.6	97.6								
2-300	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	98.4	98.4								
2-200	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							
2-100	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							
2-100	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	99.0	100.0							

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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
1500	63.3	83.5	83.7	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	68.3	92.1	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586 SALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

2-5000	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	70.8
2-4000	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	76.9
2-3000	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	76.9
2-2000	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	78.0
2-1000	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	79.0
2-5000	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	80.9
2-4000	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	80.9
2-3000	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	82.6
2-2000	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	83.1
2-1000	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	83.6
2-500	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	86.5
2-400	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	86.9
2-300	66.3	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	89.3
2-200	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	90.6
2-100	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	91.8
2-50	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	92.5
2-25	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	93.9
2-10	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	94.5
2-5	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	95.2
2-2	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	95.3
2-1	68.7	94.1	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2-0.5	68.7	94.2	95.8	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	96.8
2-0.25	68.7	94.2	95.8	96.4	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2-0.1	68.7	94.4	96.0	96.7	97.2	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2-0.05	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	98.3
2-0.02	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	99.3
2-0.01	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	99.5
2-0.005	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	100.0
2-0.002	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	100.0
2-0.001	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	100.0

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

90T

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING	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	74.0	74.0	74.0
74.0	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
73.0	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
72.0	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
71.0	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
70.0	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
69.0	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
68.0	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
67.0	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
66.0	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
65.0	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
64.0	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
63.0	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
62.0	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
61.0	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
60.0	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
59.0	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
58.0	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
57.0	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
56.0	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
55.0	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
54.0	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
53.0	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
52.0	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
51.0	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
50.0	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
49.0	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
48.0	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
47.0	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
46.0	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
45.0	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
44.0	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
43.0	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

FORM 566 SALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
NO FDN	52.7	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
1-300	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
2-300	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
1-200	56.2	73.4	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2
2-200	56.8	74.1	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
1-100	58.8	76.9	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7
2-100	59.0	77.1	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
1-50	59.7	78.3	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
2-50	59.9	78.8	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7
1-30	60.2	79.4	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
2-30	61.2	81.2	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
1-20	61.4	81.6	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.9
2-20	62.4	83.1	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4
1-10	62.8	83.8	84.4	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
2-10	63.6	85.2	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
1-5	64.2	86.1	86.9	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
2-5	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	89.4	89.4	89.4
1-3	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	89.8	89.8	89.8
2-3	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	91.2	91.2	91.2
1-2	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	92.4	92.4	92.5
2-2	65.8	90.5	92.4	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
1-1	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	94.2	94.2	94.2
2-1	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	95.1	95.1	95.1
1-0	65.8	91.5	93.7	94.7	95.3	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
2-0	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	97.0	97.0	97.0
1-0	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	98.4	98.4	98.4
2-0	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	98.9	98.9	99.0
1-0	65.9	92.0	94.7	96.2	97.6	97.9	98.7	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.5
2-0	65.9	92.0	94.7	96.2	97.7	97.9	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.6
1-0	65.9	92.0	94.7	96.2	97.7	97.9	98.8	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.6
2-0	65.9	92.0	94.7	96.2	97.7	97.9	98.8	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 6539

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING	20	26	31	34	37	42	47	52	57	62	67	72	77	82	87	92	97	100
1000	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	62.4	62.4
900	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	66.1	66.1
800	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	66.1	66.1
700	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	67.3	67.3
600	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	67.6	67.6
500	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	70.6	70.6
400	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	70.9	70.9
300	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	72.4	72.4
200	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	73.0	73.0
100	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	74.4	74.4
800	56.3	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	76.6	76.6
700	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	76.8	76.8
600	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	78.9	78.9
500	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	79.5	79.5
400	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	81.3	81.3
300	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	82.4	82.4
200	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	83.9	83.9
100	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	84.4	84.4
800	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	86.3	86.3
700	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	88.8	88.8
600	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	90.4	90.4
500	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	91.3	91.3
400	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	92.4	92.4
300	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	93.0	93.0
200	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	93.9	93.9
100	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	95.3	95.3
800	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	97.4	97.4
700	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	98.4	98.4
600	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	99.5	99.5
500	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	99.8	99.8
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	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	99.8	99.8	99.8	99.8
200	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	99.8	99.8
100	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	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	20	26	31	34	37	41	47	52	58	64	70	76	82	88	94	100
10000	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
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
6000	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
2000	47.3	63.9	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
1000	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
800	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
600	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
400	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
200	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
100	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
80	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
60	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
40	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
20	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
10	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
8	54.3	77.9	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
6	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
4	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
2	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
1	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
0.8	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
0.6	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
0.4	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
0.2	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
0.1	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
0.08	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
0.06	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
0.04	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
0.02	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
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
2000	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	53.9	53.9	53.9	53.9
1800	43.9	59.7	60.6	60.7	60.9	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	61.1	61.1	61.1
1600	43.9	59.7	60.6	60.7	60.9	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	61.1	61.1	61.1
1400	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	62.8	62.8	62.8	62.8
1200	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	63.7	63.7	63.7	63.7
1000	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	66.2	66.2	66.2	66.2
800	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	66.4	66.4	66.4	66.4
600	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	69.0	69.0	69.0	69.0
400	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	69.4	69.4	69.4	69.4
200	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	70.7	70.7	70.7	70.7
100	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	71.9	71.9	71.9	71.9
500	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	72.3	72.3	72.3	72.3
4000	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	72.8	72.8	72.8	72.8
3500	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	73.3	73.3	73.3	73.3
3000	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	75.1	75.1	75.1	75.1
2500	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	76.6	76.6	76.6	76.6
2000	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	78.9	78.9	78.9	78.9
1800	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	79.4	79.4	79.4	79.4
1600	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	81.9	81.9	81.9	81.9
1400	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	85.5	85.5	85.5	85.5
1200	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	87.1	87.1	87.1	87.1
1000	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	88.0	88.0	88.0	88.0
800	56.9	84.7	87.4	88.5	88.9	88.9	89.4	89.5	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
600	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	91.7	91.7	91.7	91.7
400	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	93.2	93.2	93.2	93.2
200	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	95.6	95.6	95.6	95.6
100	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	97.0	97.0	97.0	97.0
500	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	98.2	98.2	98.2	98.2
4000	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	99.2	99.2	99.2	99.2	99.2	99.2
3500	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2500	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2000	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

NO. FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
≥10000	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
≥7500	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
≥5000	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
≥4000	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
≥3000	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
≥2000	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
≥1500	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
≥1000	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
≥750	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
≥500	56.4	71.9	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
≥400	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
≥350	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
≥300	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
≥250	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
≥200	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
≥150	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
≥100	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
≥75	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
≥50	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
≥40	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
≥30	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
≥25	63.2	87.7	89.8	90.0	90.4	90.5	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥20	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
≥15	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
≥10	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
≥7.5	63.8	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
≥5	63.8	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
≥3	63.8	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
≥2	63.8	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7
≥1	63.8	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

HEIGHT FEET	VISIBILITY STAT. IN MILES															
	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO. OF HRS	43.0	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
2 1/2	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
3	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
4	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
5	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
6	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
7	55.8	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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

NO.	FEET	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	2000	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
2	1800	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
3	1600	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
4	1400	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
5	1200	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
6	1000	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
7	800	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
8	600	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
9	400	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
10	200	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
11	100	58.3	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
12	50	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
13	30	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
14	20	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
15	15	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
16	10	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
17	5	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
18	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
19	800	63.4	85.2	85.9	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
20	600	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
21	400	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
22	200	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
23	100	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
24	50	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
25	30	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
26	20	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
27	15	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
28	10	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
29	5	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
30	1000	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
31	800	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	99.7
32	600	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	99.7
33	400	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	99.7
34	200	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	99.7
35	100	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	99.7
36	50	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	99.7
37	30	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	99.7
38	20	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	99.7
39	15	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	99.7
40	10	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	99.7
41	5	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	99.7

TOTAL NUMBER OF OBSERVATIONS 786

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATISTICS															
	210	20	21	24	21	22	23	24	25	26	27	28	29	30	31	32
4000	45.3	60.6	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
3000	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
2000	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
1000	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
800	50.9	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
700	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
600	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
500	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
400	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
300	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
200	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
150	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
100	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
80	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
70	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
60	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
50	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
40	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
30	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
20	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
15	61.2	89.0	90.4	90.9	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2
10	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	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	99.4	99.5	99.6
0	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	20	21	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
2000	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	58.5
1800	47.8	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	64.3
1600	47.7	63.0	63.7	64.0	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
1400	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	65.7
1200	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	66.5	66.6
1000	51.6	67.9	68.7	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
800	51.8	68.2	69.7	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	69.7
600	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	71.5
400	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	72.0	72.1
200	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	73.1	73.2
0	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	74.6
2000	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	74.7	74.8
1800	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	75.9
1600	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	76.8
1400	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	78.6
1200	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	80.2
1000	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	82.8
800	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	83.3
600	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	85.7
400	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	88.2
200	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	89.9
0	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	90.8
2000	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	92.1	92.2
1800	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	93.4	93.5
1600	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	94.4
1400	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	96.3
1200	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	97.7	97.7	97.8
1000	60.8	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	98.5	98.6
800	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	99.4	99.5
600	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	99.6	99.7	99.7
400	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	100.0

TOTAL NUMBER OF OBSERVATIONS 6319

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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															
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11
10000	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
8000	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
6000	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
4000	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
2000	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
1000	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
8000	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
6000	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
4000	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
2000	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
1000	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
8000	59.0	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
6000	59.0	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
4000	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
2000	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
1000	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
8000	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
6000	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
4000	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
2000	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
1000	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
8000	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
6000	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
4000	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
2000	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
1000	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
8000	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
6000	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
4000	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
2000	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

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING	210	24	27	34	41	48	55	62	69	76	83	90	97	104	111	118	125
1000	48.4	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	66.7
900	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	72.8
800	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	73.0
700	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	73.0
600	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	74.4
500	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	74.6
400	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	77.1
300	55.9	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	77.1
200	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	77.6
100	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	78.4
0	56.8	78.4	78.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
1000	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	80.9
900	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	80.9
800	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	80.9
700	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	82.0
600	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	82.9
500	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	83.3
400	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	85.0
300	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	86.0
200	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	87.0
100	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	89.1
0	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	90.7
1000	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	91.1
900	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	92.1
800	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	92.7
700	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	93.5
600	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	95.6
500	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	96.8
400	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	97.8
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	98.7	98.9	98.9	98.9	98.9
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	98.9	99.1	99.1	99.1	99.1
100	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	100.0

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

734586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0600-0800

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
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	60.3
2 2500	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	66.5
2 2000	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	66.5
2 1500	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	67.4
2 1000	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	68.0
2 800	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	71.1
2 600	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	71.7
2 400	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	72.8
2 200	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	73.8
2 1500	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	74.4
2 1000	54.0	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	75.6
2 800	54.0	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	75.6
2 600	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	75.7
2 400	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	76.7
2 200	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	77.5
2 1500	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	78.8
2 1000	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	81.3
2 800	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	82.0
2 600	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	83.6
2 400	56.9	82.0	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	85.7
2 200	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	87.6
2 1500	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	88.7
2 1000	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	90.2
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	91.7
2 600	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	92.7
2 400	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	94.4
2 200	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	96.2
2 1500	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	97.6	97.6	97.6
2 1000	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	98.8	99.0	99.0
2 800	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	99.4	99.6	99.6
2 600	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	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

734586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1950-1100

Visibility	41.8	46.1	46.1	46.1	46.8	48.0	50.4	50.4	51.3	51.3	52.7	53.7	53.7	53.7	54.5	54.7	54.9	55.3	57.6	57.6	58.9	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1													
1000	53.7	59.8	59.8	59.8	60.8	62.0	65.8	66.1	67.5	68.5	69.7	72.2	72.2	72.2	72.9	73.1	74.2	75.1	78.0	78.0	80.6	81.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.9	83.9												
900	54.2	60.3	60.3	60.3	61.3	62.5	66.3	66.5	67.5	69.0	70.2	72.8	73.4	73.4	73.5	74.4	75.3	76.2	79.4	79.4	82.1	83.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.8	85.8										
800	54.8	60.9	60.9	60.9	61.9	62.5	66.9	67.2	67.5	69.6	70.8	73.5	73.7	73.7	73.6	74.4	75.9	76.8	80.1	80.1	82.8	84.9	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								
700	55.2	61.3	61.3	61.3	62.3	62.5	67.3	67.6	67.5	70.0	71.2	73.9	73.9	73.9	74.5	74.7	76.3	77.3	80.8	80.8	83.3	85.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4							
600	55.3	61.4	61.4	61.4	62.4	62.5	67.4	67.8	67.5	70.1	71.3	74.0	74.0	74.0	74.6	74.8	76.4	77.5	81.1	81.1	83.5	85.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7					
500	55.3	61.4	61.4	61.4	62.5	62.5	67.5	67.8	67.5	70.2	71.4	74.0	74.0	74.0	74.7	75.0	76.7	77.5	81.1	81.1	83.8	85.8	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	87.8	87.8	87.8	87.8	87.8				
400	55.3	61.4	61.4	61.4	62.5	62.5	67.5	67.8	67.5	70.2	71.4	74.0	74.0	74.0	74.7	75.0	76.7	77.5	81.1	81.1	83.8	85.8	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	87.8	87.8	87.8	87.8	87.8	87.8			
300	55.3	61.4	61.4	61.4	62.5	62.5	67.5	67.8	67.5	70.2	71.4	74.0	74.0	74.0	74.7	75.0	76.7	77.5	81.1	81.1	83.8	85.8	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	87.8	87.8	87.8	87.8	87.8	87.8	87.8		
200	55.4	61.5	61.5	61.5	62.6	62.5	67.6	67.9	67.5	70.3	71.6	74.0	74.0	74.0	74.7	75.0	76.7	77.5	81.1	81.1	83.9	85.8	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	87.9	87.9	87.9	87.9	87.9	87.9	87.9		
100	55.4	61.5	61.5	61.5	62.6	62.5	67.6	67.9	67.5	70.3	71.6	74.0	74.0	74.0	74.7	75.0	76.7	77.5	81.1	81.1	83.9	85.8	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	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
0	55.4	61.5	61.5	61.5	62.6	62.5	67.6	67.9	67.5	70.3	71.6	74.0	74.0	74.0	74.7	75.0	76.7	77.5	81.1	81.1	83.9	85.8	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	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9

TOTAL NUMBER OF OBSERVATIONS 819

USAF ETAC 13-14-53 DA REVISIONS FOR THIS FORM ARE DENIED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF 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												
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	
>= 7000	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
>= 6000	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
>= 5000	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
>= 4000	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
>= 3000	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
>= 2000	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
>= 1500	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
>= 1000	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
>= 750	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
>= 500	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
>= 250	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
>= 100	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
>= 50	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
>= 25	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
>= 10	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
>= 5	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
>= 3	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
>= 2	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
>= 1.5	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
>= 1.2	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
>= 1.0	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
>= 0.9	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
>= 0.8	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
>= 0.7	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
>= 0.6	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
>= 0.5	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
>= 0.4	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
>= 0.3	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
>= 0.2	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
>= 0.1	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

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY STATUTE MILES

CEILING FEET	20	24	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
10000	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	59.7
8000	53.4	68.0	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	68.6	68.6
6000	53.9	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	68.8
4000	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	68.8
3000	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	69.7
2000	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	71.2
1800	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	73.0
1600	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	73.2
1400	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	75.1
1200	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	75.2
1000	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	75.5
900	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	76.6
800	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	76.8
700	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	78.2
600	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	78.7
500	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	80.4
450	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	81.6
400	62.2	83.1	84.5	84.5	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
350	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	85.1
300	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	87.9
250	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	89.2
200	64.0	87.4	89.0	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
150	64.0	87.7	89.2	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
100	64.0	88.0	90.1	91.4	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
75	64.0	88.3	90.6	92.0	93.3	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
50	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	96.0
25	64.0	89.0	91.8	93.8	95.5	96.1	96.5	97.1	97.2	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4
15	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	98.8
10	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	99.6	99.6
5	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	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	99.2	99.5	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2
NO. OF OBS.	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
2 2000	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
2 1800	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
2 1600	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
2 1400	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
2 1200	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
2 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
2 900	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
2 800	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
2 750	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
2 650	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
2 550	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
2 450	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
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
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
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
2 250	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
2 200	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
2 1800	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
2 1500	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
2 1200	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
2 1000	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
2 900	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
2 800	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
2 700	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
2 600	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
2 500	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
2 400	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
2 300	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
2 200	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	99.8	99.8
2 100	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	99.8	99.8
2 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	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 805

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1-1000	50.7	66.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	68.0
1-2000	54.4	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7
1-3000	54.4	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7
1-4000	55.3	73.2	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9
1-5000	55.6	73.7	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4
1-6000	56.7	75.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1
1-7000	56.7	75.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1
1-8000	56.7	75.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1
1-9000	56.9	76.8	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5
1-10000	57.6	77.8	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.5
1-11000	57.8	78.1	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.9
1-12000	58.3	78.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.5
1-13000	58.3	78.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.5
1-14000	58.7	79.5	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2
1-15000	59.2	80.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.1
1-16000	59.6	81.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.7
1-17000	60.1	82.1	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9
1-18000	61.4	84.7	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5
1-19000	61.6	85.3	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1
1-20000	61.7	86.0	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4
1-21000	61.8	87.1	88.6	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.2
1-22000	61.9	87.8	89.2	90.1	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
1-23000	61.9	87.9	89.5	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.5
1-24000	61.9	88.4	90.2	91.2	92.3	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7
1-25000	61.9	89.5	91.3	92.3	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.6
1-26000	61.9	89.5	91.5	93.0	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3
1-27000	61.9	89.5	92.0	93.8	95.9	96.0	96.4	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.3
1-28000	61.9	89.5	92.0	94.1	96.2	96.4	96.8	97.2	97.4	97.4	97.9	97.9	97.9	98.0	98.0	98.1
1-29000	61.9	89.5	92.0	94.2	96.5	97.0	97.4	97.8	98.0	98.0	98.8	98.8	98.8	98.9	98.9	99.0
1-30000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-31000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-32000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-33000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-34000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-35000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-36000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-37000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-38000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-39000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8
1-40000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 809

CEILING VERSUS VISIBILITY

2

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
7000	46.8	61.7	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
6000	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	69.4
5000	51.5	68.5	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
4000	51.5	68.5	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
3000	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	70.6	70.7	70.7
2000	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
1000	54.6	72.6	73.1	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
800	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
700	55.3	74.0	74.5	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
600	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
500	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
450	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
400	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
350	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	78.8	78.9	78.9
300	58.0	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
2500	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
2000	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
1800	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
1500	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
1200	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	61.4	87.9	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
300	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
200	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
100	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
0	61.4	87.6	89.9	92.1	94.4	95.1	96.3	97.1	97.5	98.3	98.9	99.0	99.5	99.6	99.7	99.8
0	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
 USAF ETAC
 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)															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
> 10000	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
> 8000	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	67.8	67.8
> 6000	45.8	66.5	67.1	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
> 4000	46.7	67.6	68.3	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
> 2000	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
> 1000	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
> 800	49.6	71.8	72.5	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
> 600	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
> 400	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
> 200	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
> 100	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
> 80	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
> 60	54.6	79.8	80.7	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
> 40	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
> 20	55.9	82.2	83.2	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
> 10	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
> 8	57.3	85.1	86.3	87.0	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
> 6	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
> 4	57.9	86.8	88.2	89.0	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
> 2	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
> 1	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
> 0.8	58.6	89.0	91.0	92.2	93.0	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
> 0.6	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	94.4	94.5	94.5
> 0.4	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
> 0.2	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
> 0.1	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
> 0.08	58.7	90.0	92.7	94.7	96.3	96.7	97.5	97.9	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5
> 0.06	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
> 0.04	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
> 0.02	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
> 0.01	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

CEILING VERSUS VISIBILITY

2

STATION

SYMBOL NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128
NO CEILING ≥ 20000														
IV IV 18000														
IV IV 16000														
IV IV 14000														
IV IV 12000														
IV IV 10000														
IV IV 9000														
IV IV 8000														
IV IV 7000														
IV IV 6000														
IV IV 5000														
IV IV 4500														
IV IV 4000														
IV IV 3500														
IV IV 3000														
IV IV 2500														
IV IV 2000														
IV IV 1800														
IV IV 1500														
IV IV 1200														
IV IV 1000														
IV IV 900														
IV IV 800														
IV IV 700														
IV IV 600														
IV IV 500														
IV IV 400														
IV IV 300														
IV IV 200														
IV IV 100														
IV IV 0														

TOTAL NUMBER OF OBSERVATIONS _____

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL WEATHER SERVICE/MAC

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 OBSERVATIONS		
		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

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

774586 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

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

704586
STATION

SALINA MAP KS
STATION NAME

73-81
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE OF SKY COVER	TOTAL OBSERVATIONS	
		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

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SKY COVER

STATION 734506 SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE	TOTAL OBSERVATIONS	
		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						27.6	17.4	4.4	6145

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

734586
STATION

SALINA MAP KS
STATION NAME

73-81
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	0-02	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

74986 SALINA MAP KS

73-81

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10			
AUG	00-02	53.2			16.2							12.7	18.0	3.4	773
	3-05	48.4			20.5							9.7	21.4	3.6	790
	6-08	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

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

774586
STATION

SALINA MAP KS
STATION NAME

73-81
PERIOD

OCT
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	0-02	64.4			8.9						5.5	21.2	2.9	817
	3-05	61.9			6.8					8.2	23.1	3.2	819	
	6-08	49.1			13.2					11.6	26.1	4.0	820	
	9-11	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	57.0			15.6					12.6	21.7	3.8	6536	

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SKY COVER

734586
STATION

SALINA MAP KS
STATION NAME

73-81
PERIOD

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	0-02	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

SKY COVER

714586 SALINA MAP KS

73-81

DEC

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 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
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

724566
STATION

SALINA MAP KS
STATION NAME

73-81
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OBS.	
		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

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 ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 724586 DALINA MAP KS
 STATION STATION NAME

DAILY TEMPERATURES

42-49, 52-81 YEARS

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	40.5	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						99.8	88.1	59.1	86.4
35	63.6	73.0	89.9	99.7						99.5	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	86.8	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	1146	1078	1102	1080	1110	1146	1119	1147	13371

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC
 74586 SALINA MAP KS
 STATION STATION NAME

DAILY TEMPERATURES

42-49, 52-81 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
35							.1						.1
36							.2						.2
37						.4	2.7	1.8	.1				.4
38					.1	7.5	19.8	15.2	2.2	.1			3.7
39					1.8	22.5	52.1	43.1	12.1	.5			13.8
40				.9	9.2	49.7	81.9	69.6	25.3	3.2			19.6
41			.1	4.3	26.3	75.8	94.8	89.5	45.4	9.5	.3		28.4
42			1.6	12.7	46.8	91.0	98.5	98.3	65.9	20.2	1.3		35.9
43	.2	.2	4.6	27.4	68.1	98.2	99.9	99.5	81.7	35.8	4.5	.3	43.0
44	.3	.5	10.7	46.1	84.2	99.8	100.0	100.0	94.5	57.1	10.5	1.0	50.1
45	1.0	3.1	22.3	66.8	94.7	100.0			98.8	75.7	22.3	2.7	57.1
46	3.7	11.7	37.2	83.4	99.0				99.9	90.1	40.1	7.2	64.2
47	6.7	17.8	45.4	87.7	99.4				100.0	93.1	49.7	12.4	67.6
48	15.6	28.5	58.0	94.2	99.9					97.1	66.7	24.0	73.6
49	35.5	47.7	76.5	98.8	100.0					99.4	84.5	49.7	82.6
50	51.8	65.8	87.3	99.5						100.0	93.7	68.4	88.8
51	64.6	80.4	93.9	99.9							96.8	81.6	93.1
52	76.1	89.0	97.1	100.0							98.5	90.9	95.9
53	86.3	94.3	98.1								99.1	96.3	97.8
54	92.8	96.7	99.4								99.6	98.0	98.9
55	96.5	98.8	99.8								100.0	99.6	99.6
56	99.3	99.6	99.9									100.0	99.9
57	99.8	99.8	100.0										100.0
58	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	10.553	10.939	9.176	8.320	6.916	5.777	6.342	8.824	9.397	9.452	9.513	19.848
TOTAL OBS.	1146	1043	1144	1110	1146	1078	702	1080	1110	1146	1119	1147	13371

FEDERAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC
 724536 SALINA MAP KS
 STATION STATION NAME

DAILY TEMPERATURES

42-49, 52-81 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
25						2.2	6.6	6.6	1.1				1.1
30						2.3	8.1	6.6	5.5				1.4
35					1.1	12.2	30.7	25.6	5.9	1.1			6.1
40					2.8	30.5	60.2	51.9	16.9	6.6			13.3
45				1.2	11.9	57.6	84.8	77.4	32.2	3.3			22.0
50			0.8	6.3	31.6	60.9	96.6	92.8	53.6	13.8	1.1		30.9
55		1.1	2.8	16.8	51.7	92.7	99.4	98.8	73.5	28.6	1.2		38.4
60	1.1	4.9	7.5	34.8	72.2	98.0	100.0	99.8	88.6	46.6	5.0		45.7
65	1.2	7.6	29.7	73.0	96.4	100.0		100.0	96.3	66.6	13.2		53.1
70	6.4	16.7	44.0	87.0	99.4				99.9	93.5	46.5	11.2	67.1
75	18.7	33.3	61.4	95.5	100.0				100.0	98.2	67.1	26.9	75.0
80	35.5	49.8	75.9	99.0						99.1	84.2	46.9	82.5
85	52.9	66.5	86.8	99.8						99.9	93.7	67.6	88.9
90	64.7	78.0	93.7	99.9						100.0	96.3	80.0	92.7
95	76.4	87.8	96.8	100.0							98.7	89.7	95.6
100	83.7	94.0	98.7								99.4	94.7	97.5
105	91.4	97.4	99.2								99.8	97.9	98.8
110	96.6	99.3	99.7								100.0	99.7	99.6
115	98.8	99.8	100.0									100.0	99.9
120	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	58.2	43.6	32.9	55.6
S. D.	12.068	11.565	11.914	9.272	8.323	7.364	6.151	6.687	8.799	9.296	9.739	10.040	20.473
TOTAL OBS.	1146	1043	1143	1110	1146	1078	1102	1080	1110	1146	1119	1147	1337

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

224586 SALINA MAP KS

42-49, 52-61

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42										*	77	67	
43	62	72	84	91	91	100	104	107	94	85	73	67	117
44	67	71	67	77	97	105	103	106	93	82	77	49	118
45	53	65	84	82	89	96	102		103	83	73	62	
46	63	74	93	85	93	106	111	112	93	84	67	72	112
47	* 66	66	31	85	87*	99*	101*	109	112	100	61	63	117
48	59*	66	74	89	93	97	96	103	100	84	69	55	113
49	53	61	75	85*	89	99	107	100	91	94*	79		
50	65	69	81	87	93	102	107	105	99	91*	80	69	117
53	65	74	84	92	100	110	107	105	106	93	77	63	117
54	65	82	74	89	93	105	112	106	105	96	78	60	112
55	61	54	77	93	94	98	105	104	100	86	74	70	109
56	73	70	83	90	100	111	107	111	106	95	76	67	111
57	57	66	77	77	83	98	105	105	96	86	76	65	107
58	59	69	58	77	90	99	97	103	96	91	76	64	113
59	59	65	78	89	91	100	97	103	103	79	77	65	113
60	61	58	77	85	88	105	105	105	95	86	73	62	109
61	65	65	79	93	91	103	106	102	103	85	69	60	106
62	61	75	77	86	94	92	100	104	91	97	71	70	104
63	67	71	84	85	97	100	103	103	91	96	75	64	103
64	66	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	53	60	85	93	94	99	107	100	94	88	73	65	107
67	64	77	89	86	99	93	100	97	87	89	74	62	109
68	67	66	93	84	93	103	102	103	93	92	68	63	107
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	83	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)

USAF ETAC FORM 0-88-5 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14526 SALINA MAP KS
 STATION STATION NAME

42-49, 52-81
 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	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	65	107
75	57	56	76	84	91	95	100	102	100	94	75	66	100
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	60	106
78	51	48	89	81	90	104	107	106	105	89	81	68	107
79	41	56	79	84	87	100	101	100	97	96	69	63	101
80	64	70	73	88	92				101	93	86	67	
81	73	80	75	91	85	102	102	101	94	81	70	65	102
MEAN	61.3	67.6	78.7	85.2	89.8	100.7	104.1	103.7	97.5	89.1	73.2	63.7	105.6
S.D.	5.217	4.563	5.670	4.577	4.162	4.419	3.779	3.624	5.566	4.988	4.758	4.649	7.146
TOTAL OBS.	1144	1043	1144	1117	1145	1078	1102	1090	1110	1145	1119	1147	13771

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

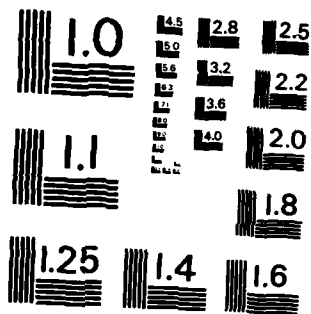
(AT LEAST ONE DAY LESS THAN 24 HRS)

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 SBT-AD-ES80 213 7/8 4/2

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

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 METEOROLOGICAL SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

704546 SALINA MAP KS
 STATION

42-49, 52-81
 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42													
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	60	47	32	20	-5	-3
46	9	18	22	32	32	48	60	50	39	34	24	-3	-3
47	* -27	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	57	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	23	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	1	-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	35	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)

USAF ETAC FORM 0-88-8 (OLA)
 JUL 64

(AT LEAST ONE DAY LESS THAN 24 OBS)

FEDERAL CLIMATOLOGY BRANCH
OFFICE OF THE
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

744566
STATION

SALINA MAP KS
STATION NAME

42-49, 52-81

YEARS

WHOLE DEGRFES FAHRENHEIT

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	-4	10	12	27	29	50	60	53	34	20	-3	-3	-6
77	-9	13	18	34	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	26	4	-19
80	-4	-7	-4	31	39				39	24	17		
81	8	-7	22	37	34	52	63	55	39	26	23	5	-7
MEAN	-3.8	3.9	11.9	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	4.753	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)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704546 JALINA MAP KS 73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-2000
 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														
50		.1	.1															2	2																
49		.1	.2		.1													4	4		2														
48	.1	.4			.1													5	5		3														
47		.1	.1	.1	.1													4	4		3														
46	.2	.2																4	4		4														
45		1.0		.4	.1													12	12		5														
44	.5	1.1	1.1	.7	.1													29	29		7														
43	.2	1.7	1.5	.5	.1													33	33		9														
42	.2	2.2	1.2															30	30		5														
41	.9	4.2	1.6	.1														55	56		19														
40	2.0	6.6	1.2															80	80		62														
39	1.6	4.7	1.1															60	60		53														
38	1.6	4.5	.4															53	53		50														
37	.9	4.7	.5	.1														50	50		69														
36	.5	3.2	.5															34	34		46														
35	1.3	1.7	.6															27	27		42														
34	1.6	3.1	.1															39	39		58														
33	.7	2.9	.5															34	34		34														
32		3.3	.2															29	29		22														
31	.7	3.9	.1															39	39		21														
30	1.1	1.8																24	24		33														
29	.9	4.9	.1															48	48		24														
28	.7	2.2																24	24		31														
27	.2	1.5																14	14		17														
26	.2	1.8																17	17		26														
25	.9	1.1																16	17		44														
24	1.5	.4																15	15		18														
23	1.4	.6																16	16		19														
22	.7	.1																7	7		23														
21	.4	.1																4	4		13														
20	.4	.1																3	3		17														
19	.2																	2	2		10														
18	.1																	1	1		11														
17																					5														
Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) 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 2 0000-0200
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
17-17																																					4
17-17																																					5
17-21																																					1
21-23																																					1
TOTAL	21.5	64.5	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					Total	
Rel. Hum.	5032980	63176	77.6	12.634	814	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	538421	18327	22.5	12.474	816	5.5	72.6					93
Wet Bulb	478438	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

734536 SALINA MAP KS 73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B./Dry Bulb	Wet Bulb Dew Point																
47 / 47		.6																5	5																
47 / 45		.4																3	3	6	3														
47 / 43		.2		.4														5	5	2	4														
47 / 41	.2	1.0	.1	.6														16	16	7	4														
47 / 39	.1	.4		.1														5	5	7	6														
37 / 37	.2	1.1	.9	.2	.2													22	25	12	8														
37 / 35	.4	1.8	1.5	.2														32	32	15	7														
37 / 33	1.1	4.4	1.7	.1														60	60	40	14														
37 / 31	1.2	6.0	1.9	.1														76	76	70	37														
37 / 29	3.0	5.8	.5															77	77	90	69														
27 / 27	1.3	3.6	.2															43	43	69	62														
27 / 25	1.5	4.9	.4															55	55	50	47														
27 / 23	.2	3.2	.2															30	30	38	59														
27 / 21	1.2	1.6	.5															27	27	38	36														
27 / 19	2.1	4.1	.2															53	54	42	53														
27 / 17	1.3	3.3																33	33	36	35														
17 / 15	.4	3.5	.1															33	33	28	32														
17 / 13	.5	3.5	.1															34	34	30	33														
17 / 11	1.6	1.6																26	26	42	27														
17 / 9	.9	4.3	.1															43	43	31	29														
17 / 7	.6	4.3																40	40	42	27														
17 / 5	.2	1.7																16	16	33	19														
17 / 3	.5	1.8																19	19	16	27														
17 / 1	.4	1.7																17	17	20	48														
17 / -1	1.1	.6																13	13	13	26														
17 / -3	.6	.6																10	10	13	20														
17 / -5	1.0	.5																12	12	13	17														
17 / -7	1.1																	9	9	10	11														
17 / -9	.4																	3	3	3	14														
17 / -11	.2																	2	2	2	13														
17 / -13	.1																	1	1	1	9														
17 / -15	.2																	2	2	2	8														
17 / -17																					10														
17 / -19																					7														
Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
7-71																							
TOTAL	27.2	66.2	8.5	1.8	.2																822	822	1

Element (X)	ΣX'	ΣX	X	Σ _n	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.	5167987	54357	78.3	12.548	822	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	570232	17598	21.3	12.324	822	5.9	76.0					93
Wet Bulb	445196	16436	20.0	11.915	822	6.4	82.9					93
Dew Point	353467	12621	15.4	13.946	822	15.4	87.8					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 SALINA MAP KS 73-81 YEARS JAN MONTH
 PAGE 1 0600-2800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
47 / 47		.4																3	3	2															
47 / 45																					1	3													
44 / 43			.2	.2		.1												5	5																
42 / 41	.2	.4		.1	.1													7	7	4	4														
41 / 39	.1	1.3	.4	.1														16	16	7	1														
39 / 37	.2	1.1	.2	.2														15	16	13	14														
37 / 35	.4	1.6	.9	.5														27	27	18	9														
34 / 33	1.1	3.4	.7															43	43	32	17														
31 / 31	1.7	6.1	.9	.2														73	74	60	35														
29 / 29	3.2	4.3	1.1															70	70	78	60														
27 / 27	2.1	5.4	.1															62	62	69	56														
25 / 25	.7	5.5	.1															52	52	53	39														
23 / 23	.6	3.3	.2															34	34	56	37														
22 / 21	1.3	4.3	.2															46	47	49	60														
19 / 19	1.6	2.8																36	36	40	58														
17 / 17	1.3	3.2	.4															37	37	32	37														
16 / 15	1.2	3.5	.2															39	39	32	41														
14 / 13	.6	4.0	.1															39	39	33	30														
11 / 11	1.5	1.5																24	24	47	26														
10 / 9	1.3	3.5	.1															38	38	24	20														
7 / 7	.6	2.9																29	29	39	30														
5 / 5	.4	1.3																14	14	26	19														
3 / 3	1.0	2.3																27	27	21	25														
1 / 1	.5	3.0																29	29	28	40														
0 / -1	.5	.5																8	8	15	39														
-1 / -3	.1	.4																4	4	5	18														
-2 / -5	1.0	.4																11	11	11	18														
-3 / -7	1.1	.4																12	12	13	11														
-4 / -9	1.1																	9	9	10	14														
-5 / -11	.6																	5	5	5	10														
-6 / -13	.5																	4	4	4	12														
-7 / -15	.1																	1	1	1	7														
-8 / -17	.1																	1	1	1	8														
-9 / -19																					8														
Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 724536 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)																															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 / 55						.1												1	1																
5 / 51			.1		.1		.4											5	5																
5 / 49		.1		.1			.1											3	3																
5 / 47					.1	.1												3	3	2															
4 / 45		.2	.7	.4	.7													17	17	3	2														
4 / 43		.5	.7	.7	.1													17	17	5	1														
4 / 41		.7	1.1	.7	.1	.5												26	26	13	4														
4 / 39	.5	.9	1.8	.9	.4													36	36	23	13														
3 / 37	.1	2.5	1.7	1.7														49	49	34	11														
3 / 35	.5	1.2	2.8	.5	.1													42	42	47	17														
3 / 33	1.0	3.9	2.6	.4														64	64	43	29														
3 / 31	1.5	3.7	2.9	.2														68	68	92	55														
2 / 29	1.5	2.7	1.8	.1														50	50	71	56														
2 / 27	1.1	4.2	1.6															55	55	50	60														
2 / 25		3.4	.5															32	32	50	54														
2 / 23	.6	.9	.5															16	16	42	38														
2 / 21	.5	2.5	.7															30	30	17	52														
2 / 19	.6	3.1	.6	.1														36	37	28	49														
2 / 17	.4	2.3	.7															28	28	30	36														
1 / 15	.5	2.5	.9															31	31	30	21														
1 / 13	.2	3.3	.5															33	33	31	28														
1 / 11	.7	1.8	.5															25	25	36	22														
1 / 9	.1	4.3	.2															36	36	28	22														
1 / 7	.2	3.6																31	31	39	24														
1 / 5	.2	1.3	.1															14	14	26	14														
1 / 3	.6	1.7																19	19	19	29														
1 / 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														
1 / -5	.5	.5																8	8	7	24														
1 / -7	.5																	4	4	7	19														
1 / -9	.2																	2	2	2	15														
1 / -11	.1																	1	1	1	4														
1 / -13																					13														
Element (X)	Σ X²	Σ X	X̄	s²	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 2 0920-1100
 HOURS T.C. S. T.C.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B.-W.B.	Wet Bulb Dew Point														
1/-15																			1														
1/-17																			4														
1/-19																			6														
1/-21																			2														
2/-23																			2														
TOTAL	14	153	723	35	9	1	7	5										815	916	815	815												
Element (X)	Z _X ²	Z _X	X̄	σ _X	No. Obs.	Mean No. of Hours with Temperature					Total																						
Rel. Hum.	4400823	58651	72.0	14.872	815	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																					
Dry Bulb	632800	20086	24.6	13.030	815	3.5	63.0					93																					
Wet Bulb	532559	18.25	22.5	12.168	815	4.6	73.6					93																					
Dew Point	38	68	18	10.321	815	16.3	84.3					93																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS STATION NAME

73-81 YEARS

JAN MONTH

PAGE 1 1200-1400 HOURS U.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																	
71																		.1														1	1				
69																		.1	.1														2	2			
67																		.1															1	1			
65					.1					.1	.1	.1																					4	4			
63					.1	.1	.2	.2	.2																								7	7			
61					.1	.1	.2	.4	.1	.2																							8	8			
59					.2	.2	.4	.4																									12	12	1		
57			.1	.1	.2	.2	.4	.4																									15	15			
55			.1	.1	.2	.4	.4																										21	21	2		
53			.7	.5	.7	1.2																											26	26	7	1	
51		.5	.9	1.7	.9	1.4																											43	43	12	1	
49		.1	1.2	1.5	1.4	.5	.2																										38	38	37	2	
47		.1	1.1	1.3	1.4	.5																											37	37	25	7	
45		.4	2.2	2.7	1.1	.2																											52	52	43	16	
43		.6	1.1	1.6	.6																												32	32	45	18	
41		1.7	1.1	1.9	.4																												35	35	53	15	
39		1.5	2.1	.7																													35	35	55	35	
37	.4	2.6	1.1	.7																													39	39	59	38	
35	.5	3.1	2.3	.6																													53	53	61	52	
33	1.7	1.4	1.7																														33	33	50	57	
31	.1	1.1	1.6	.2																													25	25	29	74	
29		1.9	1.2	.1																													26	26	34	56	
27	.2	.7	1.4	.5																													23	23	27	40	
25	.2	1.5	1.1																														23	23	26	40	
23		2.8	1.6																														36	36	23	40	
21	.2	2.6	1.0																														31	31	39	30	
19		2.2	1.0	.1																													27	27	35	26	
17	.1	2.5	.2																														23	23	22	28	
15	.3	2.7	.7																														29	29	37	20	
13	.1	3.6	.5																														34	34	33	28	
11		1.6	.1																														14	14	22	26	
9		1.6																															13	13	17	16	
7	.1	.7																															7	7	10	25	
5		.4																															3	3	7	35	
3																																					
1																																					
Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

734566 JALINA MAP KS 73-81
 STATION STATION NAME YEARS

JAN
 MONTH
 PAGE 1 1200-1421
 HOURS 13.7

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	2	2.7																
- / -3		.1																1	1	2	1.4																
- / -5																					1.1																
- / -7																					.6																
- / -9																					.4																
- / -11																					.7																
-1 / -13																					.4																
-1 / -15																					.3																
-1 / -17																					.1																
-1 / -19																					.7																
-2 / -23																					.0																
-2 / -25																					.0																
-2 / -27																					.1																
TOTAL	4.3	3.6	3.2	5.8	15.4	8.4	5.1	2.7	1.1	.4	.1	.2	.1				810	810	61	810																	

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	3456769	51203	63.2	16.492	810							93
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	467737	16004	19.8	13.686	810	9.6	77.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774666 SALINA MAP KS STATION 73-81

YEARS

JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
74/73												.2							2	2																	
73/71												.1								1	1																
72/69														.2						2	2																
71/67												.1								1	1																
70/58								.1	.1											2	2																
69/52									.2	.1				.2						5	5																
68/51							.1	.2	.2	.4	.2									10	17																
67/59							.2	.2	.4											7	7																
66/57			.2		.1	.6	.4	.5	.2											17	17																
65/55			.1	.2	.5	.2	.7	.2	.1											15	18																
64/53			.1	.4	.4	.7	.9	.1												21	21	2															
63/51			.4	.4	.6	1.1	.9													27	27	7	1														
62/49			.7	1.1	1.7	1.1	.5													36	36	14	2														
61/47		.2	1.1	.5	.7	1.1														32	32	26															
60/45		.5	1.5	1.3	.4	.1														28	28	32	3														
59/43		.5	1.5	1.5	2.1	1.2														55	55	42	9														
58/41		.4	.7	1.9	.5	.2														31	31	37	18														
57/39		.2	1.3	1.9	.6															34	34	51	23														
56/37		1.5	1.8	1.5																39	39	42	18														
55/35		1.2	2.1	.7																31	31	64	26														
54/33	.2	2.7	1.5	.5	.1															41	41	60	36														
53/31	1.5	1.7	2.7	.5																52	52	62	72														
52/29	.5	1.2	1.7	.2																31	31	34	63														
51/27	.2	1.8	1.3	1.0																36	36	36	60														
50/25	.4	2.2	.6	.5																30	30	41	53														
49/23		.9	.4																	10	10	27	38														
48/21	.5	.9	.7																	17	17	25	51														
47/19	.2	3.6	1.7	.1																47	47	16	55														
46/17	.1	1.8	1.1	.2																27	27	40	36														
45/15		2.7	.7																	29	28	23	24														
44/13	.1	2.7	.5																	27	27	29	19														
43/11	.5	3.0	.2																	31	31	39	20														
42/9	.1	2.4	.1																	22	22	30	28														
41/7		1.7	.5																	12	12	17	23														

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

FORM 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JAN 84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 7 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																
- / -13																					6																
- / -15																					3																
- / -17																					1																
- / -19																					1																
- / -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	823																	

Element (X)	Σ X'	Σ X	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3436484	51160	62.2	17.656	823	≤ 0 F	≤ 32 F	≤ 47 F	≤ 75 F	≤ 80 F	≥ 93 F	Total
Dry Bulb	1111552	27628	33.6	14.965	823		43.5	.7	.2			93
Wet Bulb	622627	23973	29.1	12.298	823	.1	50.4					93
Int	499261	17119	20.8	13.198	823	7.2	77.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724506 SALINA MAP KS

73-81

JAN

STATION STATION NAME

YEARS

PAGE 1 1800-2000

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
9									.1									1	1																
57								.1		.1								1	3																
55			.2		.1	.1	.1											5	5																
52		.1		.1				.1										3	3																
51			.1	.2	.1	.4	.1											8	8	3															
45		.1	.2	.4		.2												8	8	1	3														
47		.4	.7	.5	.6	.4												21	21	6															
45		.5	.7	1.1	.5	.1												24	24	11	4														
43	.4	.7	.6	.8	.4	.2												26	26	19	6														
41		.5	1.8	1.2	.5													33	33	22	11														
39	.2	1.2	2.1	1.5	.6	.1												47	47	35	13														
37		2.2	1.9	1.1														43	43	42	17														
35		3.2	2.5	.8														54	55	45	16														
33	.8	4.1	2.2	.2														61	61	76	37														
31	1.9	4.4	2.1	.1														77	70	86	63														
29	1.1	2.5	1.7															44	44	62	72														
27	.4	3.2	.5	.1														34	34	36	57														
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															38	28	27	45														
17	.1	2.8	.1															25	25	31	27														
15	.4	2.2																21	21	31	29														
13	.2	3.8	.4															36	36	17	35														
11	.1	2.1	.2															27	27	29	22														
9	.1	3.4																29	29	36	21														
7	.1	4.7																34	34	33	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)	Σ X²	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704566 SALINA MAP KS STATION NAME

73-81 YEARS

JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
- / -9																																					9
/ -11																																					7
-1 / -13																																					6
-1 / -15																																					3
/ -17																																					3
/ -19																																					1
/ -23																																					1
TOTAL	9.755	9.27	0.8	3.2	8.3	2.8	1.7	.4	.1	.2								624	625	624	824																

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

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	4451451	59447	72.1	14.059	824							93
Dry Bulb	772998	22724	27.5	13.360	824	1.7	54.9					93
Wet Bulb	642127	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724886 SALINA MAP KS 73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 2124-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
5 / 55											.1																								1	1			
54 / 53			.2		.1																														3	3			
53 / 51			.1		.1					.1																									3	3		2	
52 / 49				.1	.2					.1																									4	4		1 2	
51 / 47	.2			.1						.2																									5	5		5 4	
50 / 45	.1	.1	.1	.5																															7	7		3 2	
49 / 43	.5	.6	.6	.6	.2																														21	21		6 4	
48 / 41	.1	1.1	1.2	.6	.1																														25	25		12 7	
47 / 39	.1	1.3	1.5	.6	.4																														32	32		18 8	
46 / 37	.5	1.7	1.6	.2																															33	33		35 13	
45 / 35	.2	2.3	1.5	.7																															39	39		40 16	
44 / 33	.9	3.8	1.6	.7																															57	58		43 35	
43 / 31	1.3	5.6	1.3																																68	69		69 52	
42 / 29	2.6	3.7	.5	.1																															56	56		81 65	
41 / 27	1.7	6.0	.9																																54	64		51 52	
40 / 25	.5	4.4	.7																																46	46		59 58	
39 / 23	.6	2.3	1.7																																	72	32		51 40
38 / 21	.9	2.3	.5																																	32	32		31 55
37 / 19	.5	2.7	.4																																	29	29		28 50
36 / 17		3.2	.2																																	28	28		27 32
35 / 15	.4	3.3	.1																																	31	31		29 16
34 / 13	.4	3.2																																		29	29		27 34
33 / 11	.4	2.8	.1																																	27	27		29 27
32 / 9	.1	3.8																																		32	32		32 29
31 / 7	.6	3.4																																		33	33		34 13
30 / 5	.2	1.0																																		17	17		25 23
29 / 3	.7	2.0																																		22	22		19 23
28 / 1	.1	1.6																																		14	14		14 43
27 / -1	.4	.1																																		8	8		15 26
26 / -3	.9	.8																																		10	10		8 12
25 / -5	.4	.2																																		5	5		7 18
24 / -7	.7																																			6	6		7 14
23 / -9	.4																																			3	3		3 12
22 / -11	.2																																			2	2		2 7
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F																												
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774536 SALINA MAP KS 73-81 73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS U.S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
4 / 73																																	2	2			
7 / 71																																		2	2		
7 / 69																																		4	4		
6 / 67																																		1	1		
6 / 65																																		2	2		
6 / 63																																		6	6		
7 / 61																																		14	14		
7 / 59																																		15	15		
7 / 57																																		28	28		
5 / 55																																		37	37		1
4 / 53																																		42	42		2
4 / 51																																		66	66	14	1
5 / 49																																		81	81	25	8
4 / 47																																		115	115	55	8
4 / 45																																		121	121	98	22
4 / 43																																		170	170	105	35
4 / 41																																		202	202	146	69
4 / 39																																		231	231	196	89
3 / 37																																		269	273	246	105
2 / 35																																		290	291	313	131
3 / 33																																		420	422	404	224
2 / 31																																		540	542	575	448
3 / 29																																		421	421	543	493
2 / 27																																		372	372	397	464
2 / 25																																		322	322	391	435
2 / 23																																		202	202	320	336
2 / 21																																		236	237	274	361
2 / 19																																		304	306	241	407
1 / 17																																		243	243	264	265
1 / 15																																		239	239	230	207
1 / 13																																		260	260	223	227
1 / 11																																		206	206	320	197
1 / 9																																		282	282	247	201
1 / 7																																		217	217	265	197
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-81 JAN MONTH
STATION STATION NAME YEARS

PAGE 2 ALL HOURS U.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	.2	1.3	.0															99	99	184	145														
/ 3	.4	1.7																136	136	119	210														
/ 1	.3	1.4																109	110	131	310														
/ -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														
- / -13	.1																	6	6	6	67														
- / -15	.																	3	3	3	38														
- / -17	.																	1	1	1	34														
- / -19																					38														
- / -21																					17														
- / -23																					9														
- / -25																					3														
- / -27																					1														
- / -29																					2														
TOTAL	15.55	116.8	6.7	2.9	1.9	1.0	.4	.2	.1	.1	.1							6543	6556	6543	6543														

Element (X)	ΣX	ΣX^2	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	36030541	474599	72.5	15.665	6543		26.9	502.8	1.0	.2		744
Wet Bulb	5626852	168628	25.7	14.026	6556		31.5	561.5				744
Dew Point	4627615	153189	23.4	12.615	6543	105.5	665.3					744

USAFETAC FORM 0-26-5 (OL A) AIR 84 REPRODUCED THROUGH THE GPO AIR OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586
 STATION

ALINA MAP KS
 STATION NAME

73-81
 YEARS

YEARS

FEB
 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	
74																																			1	1		
75																																			1	1		
76																																			3	7		
77																																			1	1		
78																																			2	7		2
79																																			5	5	2	1
80																																			4	4	1	1
81																																			9	9	4	
82																																			11	11	5	1
83																																			13	13	6	
84																																			22	22	14	5
85																																			23	23	11	7
86																																			41	41	32	16
87																																			31	31	30	17
88																																			64	64	48	17
89																																			56	56	48	31
90																																			65	65	61	42
91																																			40	40	60	64
92																																			54	54	53	52
93																																			50	50	46	64
94																																			33	33	53	48
95																																			50	50	42	47
96																																			36	36	41	49
97																																			23	23	26	42
98																																			19	19	26	24
99																																			13	13	13	27
100																																			14	14	14	33
101																																			12	12	15	21
102																																			6	6	8	13
103																																			3	3	7	4
104																																			9	9	9	11
105																																			21	21	17	17
106																																			4	4	8	12
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM 0-26-5 (OL A) REVISION 10-64
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 JALINA MAP KS 73-81 FEB
 STATION NAME STATION YEARS MONTH
 PAGE 7 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														
- / -3	.1	.1																2	2	1	10														
-4 / -5	1.1	.1																9	9	9	5														
-6 / -7	.1																	1	1	2	3														
-8 / -9																					10														
-10 / -11																					4														
-12 / -13																					2														
-14 / -15	.4																	3	3	3	1														
-16 / -17																					3														
-18 / -19																					5														
TOTAL	27.6	52.5	16.1	7.0	2.4	.7	.4	.1	.1									756	756	756	756														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4701517	58773	77.7	13.242	756	2.1	51.9	.1				84
Wet Bulb	716539	21227	28.1	12.635	756	2.6	57.1					84
Dew Point	613759	19729	26.1	11.445	756	5.9	73.1					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74536 SALINA MAP KS 73-81 YEARS FEB 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														
69									.1	.3								3	3																
59			.3															2	2																
57		.1																1	1																
55						.1												1	1		3														
53																					3	3													
51				.4				.3										5	5																
49		.5	.1	.1														6	6	1															
47			.7	.4					.1									9	9	4	1														
45		.3	.5	.4	.1													10	10	6	3														
43		.3	.3	1.3	.3	.3												18	18	7	1														
41		.8	.7	.7	.4	.1												20	20	11	7														
39	.1	1.3	1.3	.9														28	28	14	12														
37	.7	.7	1.9	.7														29	29	32	15														
35	1.1	3.1	2.5	.3														52	52	42	18														
33	2.3	3.7	1.5	.1														57	57	65	36														
31	2.6	6.6	1.2	.1														80	81	74	59														
29	2.7	4.5	.4															52	52	73	58														
27	1.1	3.8	1.6															49	49	46	67														
25	.9	4.9	.1															45	45	57	69														
23	.8	3.6	.1															34	34	46	39														
21	1.9	4.6																49	49	46	45														
19	1.3	3.7																42	42	42	49														
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														
11	.1	.8																7	7	10	28														
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														
-3	.9	.3																9	9	9	6														
-5	1.2	.3																11	11	10	15														
Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISION 10-64
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS
STATION STATION NAME

73-81
YEARS

FEB
MONTH

PAGE 2 0300-0500
HOURS U.S.T.

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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	4838951	59659	7.0	12.865	755							
Dry Bulb	649237	19965	26.4	12.711	756	4.4	57.2	.3				64
Wet Bulb	563721	18645	24.7	11.703	755	4.8	63.1					84
Dew Point	436995	15433	20.4	12.698	755	8.0	73.3					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 2600-3800
 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
7 / 69																		.1														1	1			
6 / 67																		.1															1	1		
6 / 65																	.1																1	1		
5 / 57			.1																														1	1		
5 / 55			.1																														1	1	2	1
4 / 53			.3																														2	2	2	1
5 / 51			.3	.1																													3	3	4	1
5 / 49			.3																														2	2	1	3
4 / 47			.1	.1	.1	.1																											4	4	3	
4 / 45				.5	.4	.1																											8	8	2	2
4 / 43		.1	.7	.5	.5	.1																											15	15	2	3
4 / 41		.1	.7	1.1	.5	.4	.1																										22	22	11	2
4 / 39		.7	.5	1.1	.4	.3																											22	22	17	16
3 / 37		.3	1.2	1.9	.8																												20	20	19	13
3 / 35		.7	1.5	1.5																													27	27	34	8
3 / 33		3.5	3.8	2.0																													69	69	59	39
3 / 31		3.1	5.3	1.8																													75	75	73	56
3 / 29		1.6	3.6	.7																													44	44	62	52
3 / 27		1.8	4.9	.7																													54	54	63	49
3 / 25		1.6	6.2	.5																													62	62	43	62
3 / 23		.7	3.8	.3																													35	35	63	55
2 / 21		2.4	3.2																														42	42	48	35
2 / 19		1.1	4.1																														38	39	30	57
1 / 17		.9	2.0																														22	22	35	43
1 / 15		1.5	3.4	.1																													37	37	27	31
1 / 13		.5	3.1	.1																													28	28	25	36
1 / 11		.4	1.1																														11	11	25	31
1 / 9		.6	1.1																														11	11	12	22
1 / 7		.3	.7																														7	7	10	20
1 / 5			.4																														3	3	5	9
1 / 3		.3	.4																														5	5	3	11
1 / 1		.7	.9																														12	12	14	8
1 / -1		1.8																															13	13	14	9
1 / -3		1.1	.1																														9	9	8	6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS
 STATION STATION NAME

73-81
 YEARS

FEB
 MONTH

PAGE 7 2600-0800
 HOURS

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	1.7																	14	14	15	17														
- / -7	.5																	4	4	4	11														
- / -9	.3																	2	2	2	17														
- / -11	.4																	3	3	3	6														
-1 / -13																					3														
-1 / -15																					5														
-1 / -17	.1																	1	1	1	4														
-1 / -19	.1																	1	1	1	1														
-1 / -21																					1														
-1 / -23																					1														
-1 / -25																					1														
TOTAL	2.8	5.3	8.1	2.9	7.8	1.1	.1	.1	.3								742	743	742	742															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	4572492	59422	87.1	12.3	742							
Dry Bulb	591279	18727	25.2	12.6	743	5.3	60.4	.2				84
Wet Bulb	522882	17614	23.7	11.8	742	5.4	66.1					84
Dew Point	414955	14599	19.7	13.1	742	9.6	73.9					84

USAFETAC FORM 0-26-5 (OL A) REVISED WITHOUT ERRORS OF THIS FORM ARE OMISSIONS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/44C

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-81 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 0925-1100
 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								.4	.1									4	4																
4 / 62				.1				.1										2	2																
7 / 61		.1						.1										2	2																
7 / 59		.1				.1	.1	.1										4	4																
5 / 57							.2	.1										3	3		2														
5 / 55			.3		.3	.7	.3		.1									12	12		1														
4 / 53		.1		.1	.3	.5	.5	.3										14	14																
7 / 51		.1		.8	.7	.5	.3	.1										19	19	5															
5 / 49			.3	.5	1.2	.5	.1											20	20	6	3														
7 / 47		.1	.3	.7	.8	.5		.1										19	19	5	2														
4 / 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														
7 / 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														
2 / 31	2.2	3.8	1.3															54	54	75	59														
7 / 29	1.3	3.4	1.5															46	46	52	62														
7 / 27	.8	2.2	1.2															31	31	39	66														
7 / 25	.7	2.8	.3															28	28	32	55														
7 / 23	.3	2.4	.4	.1														24	24	35	44														
2 / 21	.3	2.7	2.0															37	37	24	42														
7 / 19	.9	2.4	.5	.1														30	30	38	34														
7 / 17	.5	2.7	.5															28	28	24	25														
7 / 15	.5	2.0																19	19	25	28														
7 / 13	.4	1.7	.3															18	18	23	23														
7 / 11	.1	1.1																9	9	12	19														
7 / 9		1.6	.1															13	13	14	30														
7 / 7	.3	1.7																15	15	13	14														
7 / 5		.4																3	3	12	9														
7 / 3	.5	.5																8	8	12	14														
2 / 1	.9	.7																12	12	10	18														
7 / -1	.5	.1																5	5	6	16														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

FEDERAL BUREAU OF SURVEY
 CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74466 BALINA MAP KS STATION NAME

73-81 YEARS

FEB MONTH

PAGE 1 0900-1100 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
- / -7	.3	.1																										3	3	4	12				
- / -6																															6				
- / -7																															6				
- / -9																															3				
- / -11																															5				
-1 / -17																															2				
-1 / -19																															1				
-1 / -19																															1				
-1 / -17																															1				
-1 / -19																															1				
TOTAL	14.7	43.1	27.7	7.0	6.2	3.2	1.7	1.5	.3																		744	744	744	744					

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	3992491	53051	71.3	16.799	744							
Dry Bulb	60661	23233	31.2	13.487	744	0.9	43.2					54
Wet Bulb	692357	22987	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) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704556 ALINA MAP KS 73-81 FEB MONTH
STATION STATION NAME YEARS
PAGE 1 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
72 / 75																																			2	2		
74 / 75																																			3	3		
71 / 71																																			2	2		
72 / 69																																			7	7		
71 / 67																																			10	10		
67 / 65																																			22	22		
67 / 67																																			14	14		
72 / 67																																			17	17		
71 / 69																																			31	31	3	
71 / 67																																			24	24	1	
65 / 65																																			23	23	4	2
64 / 63																																			23	22	11	1
71 / 61																																			15	18	22	1
71 / 69																																			15	15	24	
71 / 47																																			18	18	46	9
71 / 48																																			23	23	34	5
64 / 43																																			22	22	24	9
72 / 41																																			16	16	25	7
71 / 37																																			41	41	41	19
71 / 37																																			41	41	48	33
71 / 35																																			40	46	62	38
70 / 33																																			36	36	55	50
71 / 31																																			42	42	56	80
71 / 29																																			37	37	38	53
71 / 27																																			23	23	31	54
71 / 25																																			30	30	32	64
71 / 23																																			32	32	34	51
72 / 21																																			22	22	27	48
71 / 19																																			29	29	33	41
71 / 17																																			26	26	22	34
71 / 15																																			13	13	24	26
71 / 13																																			3	3	12	16
71 / 11																																			12	12	7	22
71 / 9																																			3	3	11	22
Element (X)	Σx	Σx^2	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM NO. 26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74006 SALINA MAP KS
 STATION STATION NAME

73-81
 YEARS

FEB
 MONTH

PAGE 3 1200-1411
 HOURS U.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	.7																5	6	5	11														
/ -3		.1	.1																2	2	4	9														
/ -5			.1																1	1	1	9														
/ -7			.1																1	1	2	15														
- / -1																						4														
- / -3																						7														
- / -5																						4														
- / -7																						1														
- / -9																						1														
- / -15																						1														
- / -19																						1														
TOTAL	3.9	25.6	22.9	9.6	8.8	5.7	4.9	6.0	3.2	1.9	1.1	.3	.3						751	751	751	751														

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

Element (X)	$\sum x^2$	$\sum x$	\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.	3132374	46304	61.7	20.894	751							
Dry Bulb	1299877	29034	39.7	15.380	751		31.5	2.7	.6			84
Wet Bulb	925977	24914	33.2	11.464	751		37.9					84
Dew Point	550421	18581	24.7	10.997	751	2.1	64.6					84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74566 JALINA MAP KS STATION NAME

73-81

YEARS

FEB
 MONTH

PAGE 1 1570-1700
 HOURS 5.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 13	.1	.9																3	8	4	14														
1 / 11																				7	19														
1 / 9		.3																6	6	2	23														
1 / 7		.4																3	3	4	21														
1 / 5		.4																3	3	4	13														
1 / 3																				2	4														
1 / 1																					0														
1 / -1																					1														
1 / -3																					0														
1 / -5																					1														
1 / -7																					0														
1 / -9																					1														
1 / -11																					1														
1 / -13																					1														
TOTAL	5.229	5.189	9.0	7.0	5.5	5.4	5.6	5.6	2.8	3.1	1.2	.7	.5	.1			747	747	747	747															

Element (X)	ΣX^1	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	2944679	43777	59.622	5.45	747		27.9	7.1	2.8	.3		84
Wet Bulb	1486936	37972	41.516	4.87	747		34.4					84
Dew Point	107236	26756	34.911	4.84	747	1.1	62.9					84

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

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 ALINA MAP MS STATION NAME

73-81 YEARS

FEB MONTH

PAGE 1 1800-2000 HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
47																	.1	.1	.1									3	3						
47										.1																		1	1						
47											.1																	1	1						
47												.4					.3	.1										7	7						
47						.1				.1	.3					.4												8	8						
47									.1			.1	.1			.5	.1											9	9						
47										.3	.5	.1	.3	.3														11	11	1					
47									.1	.4	.7	.3	.1															12	12	2					
47									.3	.4	.7	.5	.1	.1														16	16	2					
47						.1			.4	.4	.8	.4																16	16	5	2				
47			.1	.3	.7	.4	.5	1.5	.1																			27	27	4	1				
47				.1	.4	.5	.4	.1																				12	12	7	2				
47			.1	1.2	1.2	.7	.1																					28	28	7	1				
47			.4	.4	.8	.9	.3	.5																				21	21	26	3				
47			.1	.3	1.1	1.4	.1	.1																				27	27	28	7				
47			.3	.9	1.4	1.1	.4																					29	29	34	12				
47			1.1	.9	.3																							23	24	39	17				
47			1.2	2.2	.5	.5																						33	33	41	23				
47			.3	1.2	2.1	.7	.1																					32	32	43	25				
47			.4	4.5	2.4	.5																						55	58	49	23				
37			1.5	3.1	2.1	.3																						51	51	72	63				
37			1.6	4.5	2.1	.4																						63	63	53	86				
37			.7	2.7	.9	.1																						33	33	54	63				
37			.7	1.8	.7	.3																						25	25	42	43				
37			.8	2.3	.9																							29	29	32	52				
37			.3	2.4	.1	.1																						22	22	30	46				
37			.3	2.8	.3																							29	29	22	31				
37			1.2	2.6	.5																							32	32	32	42				
37			1.1	1.9																								22	22	32	31				
37			.3	1.2																								11	11	15	34				
37			.3	1.4																								12	12	10	21				
37			.5	1.4																								14	14	13	18				
37			.7																									5	5	13	21				
37			.1	.3																								7	7	6	17				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_s	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) REWARD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 SAFETY

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7045-6 SALINA MAP KS 73-81
 STATION STATION NAME

YEARS

FEB
 MONTH

PAGE 2 1800-2000
 HOURS U.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																4	4	6	7														
/ -1	.1	.7																5	6	5	12														
/ -1		.1																1	1	2	7														
/ -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	5.9	1.6	1.2	1.2	.3	.1	.1			740	741	740	740															

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	3732310	50632	69.4	19.43	74							
Dry Bulb	1171601	26517	35.8	14.336	74		35.7	1.4	.3			84
Wet Bulb	835755	23427	31.7	11.284	74	.1	41.5					84
Dew Point	554322	18548	25.1	11.000	74	2.2	64.5					84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774336 SALINA MAP KS 73-81 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 2 2120-2301
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																											
/ -1	.3	.3																																	4	4	3	8																										
- / -3		.1																																	1	1	3	5																										
- / -5																																						4																										
- / -7																																						3																										
- / -9																																						2																										
/ -11																																						2																										
1 / -13																																						1																										
1 / -15																																						1																										
1 / -17																																						1																										
1 / -19																																						1																										
TOTAL	15.1	149.7	18.2	7.7	5.1	2.7	1.3	.5	.1	.1																									746	748	746																											

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	4373658	55970	75.0	15.300	746							84
Dry Bulb	333779	23735	37.8	12.865	746	.6	45.4	.2				84
Wet Bulb	686996	21753	28.2	11.147	746	.7	51.7					84
Dew Point	503100	17322	23.2	11.640	746	3.4	70.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724886 SALINA MAP KS STATION NAME

73-81 YEARS

YEARS

FEB MONTH

PAGE 1

ALL HOURS U.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 / 81																													2	2					
1 / 79																													3	3					
7 / 77																													6	6					
7 / 75																													5	5					
4 / 73																													17	17					
7 / 71																													18	18					
1 / 69																													21	21					
1 / 67																													35	35					
6 / 65																													53	53					
4 / 63																													52	52					
1 / 61																													59	59	4				
1 / 59																													76	76	13				
1 / 57																													70	70	15	2			
5 / 55																													92	92	28	12			
4 / 53																													97	97	40	9			
2 / 51																													83	83	70	9			
1 / 49																													114	114	170	12			
1 / 47																													111	111	138	12			
1 / 45																													159	159	150	26			
4 / 43																													180	180	149	48			
2 / 41																													214	215	192	65			
4 / 39																													253	253	266	143			
3 / 37																													292	292	288	161			
2 / 35																													409	409	407	208			
3 / 33																													418	418	538	367			
1 / 31																													480	482	499	626			
1 / 29																													337	337	445	493			
2 / 27																													305	305	363	430			
2 / 25																													311	311	314	477			
2 / 23																													224	224	319	373			
2 / 21																													292	292	281	348			
1 / 19																													263	264	266	348			
1 / 17																													191	191	230	296			
1 / 15																													144	144	160	252			
Element (X)	Σg ²	Σg	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 44 0-20-5 (OLA) REVISD PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73-81 SALINA MAP KS STATION NAME

73-81

YEARS

FEB
MONTH

PAGE 1

ALL
HOURS U.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													
/ 13	.5	1.4	.1															119	119	125	160														
/ 11	.3	1.0	.2															79	79	175	204														
/ 9	.1	1.1	.1															77	77	93	184														
/ 7	.2	.8																58	59	67	116														
/ 5	.1	.4																29	29	53	68														
/ 3	.4	.3																45	46	47	73														
/ 1	.5	.7																70	70	65	108														
/ -1	.5	.1																38	38	40	71														
- / -3	.3	.1																24	24	25	50														
- / -5	.5	.1																34	34	34	51														
- / -7	.1																	8	8	11	23														
- / -9	.1																	4	4	4	44														
- / -11	.1																	3	3	3	26														
- / -13																					11														
- / -15	.1																	4	4	4	16														
- / -17	.1																	3	3	3	11														
- / -19																		1	1	1	13														
- / -21																					6														
- / -23																					1														
- / -25																					1														
TOTAL	1.0	3.6	1.7	7.4	4.9	3.0	2.5	2.0	1.4	.8	.6	.2	.1	.1	.0			5981	5986	5981	5981														

Element (X)	Σ X²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	32633472	427588	71.5	18.604	5981							
Dry Bulb	7538532	192717	32.2	14.932	5986	13.4	353.4	12.0	3.7	.3		672
Wet Bulb	5347776	172437	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

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704546 SALINA MAP KS STATION NAME

72-81 YEARS

YEARS

MAR MONTH

PAGE 1 0000-0240 HOURS - S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	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				.4																														2	3			
78				.1										.1																				2	2	3		
77			.2										.1	.1																			4	4		2		
76			.2		.5		.4		.1				.4																				14	14	3	3		
75			.2	.5	.2	.1																											9	9	5	6		
74			1.2	.4	.6			.4																									19	19	6	6		
73	.1	.5	.5		.2	.2	.1	.2																									17	17	16	8		
72		.5	.1	.7	.5	.5	.1	.1																									21	21	15	14		
71		1.1	1.7	1.7	.7	.4	.5																										34	34	14	7		
70	.1	2.1	1.1	.6	1.2	.4																											42	42	18	12		
69	.4	3.1	.5	.6	.7	.1																											44	44	48	25		
68	.2	2.1	.9	1.2	.5																												39	39	46	39		
67	.5	2.7	1.2	1.5																													48	49	41	25		
66	.6	3.6	1.2	1.1	.1																												53	53	55	45		
65	1.	3.8	1.9	.5	.2																												67	60	64	43		
64	.9	3.7	1.9	1.4	.1																												64	65	68	46		
63	1.1	5.7	1.2	.7																													65	65	64	64		
62	.2	4.2	2.1																														51	51	56	42		
61	1.4	5.2	2.1	.1																													75	75	65	96		
60	.6	1.4	1.7	.1																													31	31	68	54		
59	.4	3.1	.6	.1																													34	34	71	54		
58	.7	1.1	.5																														19	19	41	54		
57	.2	.6	.1																														6	6	14	35		
56	.7	1.1																															15	15	12	31		
55	.5	.4																															8	8	15	27		
54	.2	.4	.1																														6	6	5	18		
53		.7																															5	6	1	19		
52		.6																															5	5	7	7		
51	.1	.1																															2	2	5	7		
50		.4																															3	3	4	3		
49		.1																															1	1	1	7		
48																																					1	4
47	.2	.4																															5	5	3	5		
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

714586 SALINA MAP KS 73-81
STATION STATION NAME YEARS

PAGE 1 8000-0200
MONTH HOURS

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																																		
- / -7																																			
- / -5																																			
- / -7																																			
TOTAL	1	349.62	217.9	4.3	2.1	1.2	.6												8.6	876	8.5														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	5107137	62999	78.215	.733	806							93
Dry Bulb	1337.01	31637	39.211	.035	808	.1	25.0					93
Wet Bulb	11497.6	29342	35.410	.064	806	.3	31.0					93
Dew Point	945730	26114	32.411	.090	806	.8	49.0					93

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 4586 CALIA, MAP KS STATION NAME: 73-81 YEARS: MAR MONTH: PAGE: 0300-0500 HOURS: 5, 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/63		.4																3	3																
47/61		.2		.4	.1													6	6	3	3														
47/59		.6	.2		.1	.1												10	10	5	4														
47/57		.7	.1	.7		.5												17	17	2	4														
50/55	.1	.9	.4		.1	.5												16	16	15	8														
47/53		.7	.7		.4	.1	.1											17	17	13	11														
47/51		1.1	.4	.4	.7	.7												27	27	11	10														
50/49		1.4	1.1	.4	.2		.1											25	25	17	7														
47/47	.4	3.2	.6	.7	.1	.4	.1											45	45	71	22														
47/45	.9	1.8	1.1	.6	.4													39	39	46	41														
47/43	.7	2.8	1.6	.6	.2													49	49	47	26														
47/41	.1	3.1	.9	.6														38	38	37	30														
47/39	1.2	3.2	1.8	1.1														60	60	60	40														
47/37	1.4	3.3	1.4	.5														53	53	57	45														
47/35	1.6	5.7	1.4	.4														73	73	71	58														
47/33	2.1	3.9	1.6	.2														64	64	75	59														
47/31	1.7	6.9	1.7															78	78	55	56														
47/29	1.4	3.6	1.2	.2														50	50	77	57														
47/27	.4	4.1	.0															43	43	55	64														
47/25	.9	1.5	.4															22	22	37	42														
47/23	.1	1.5	.2															15	15	21	46														
47/21	.7	2.1																22	22	24	30														
47/19	.5	.5																8	8	17	37														
47/17	.4	.4																6	6	6	16														
47/15		.6																5	5	2	19														
47/13		.5																4	4	4	12														
47/11	.4	.4																6	6	7	7														
47/9		.2																2	2	2	3														
47/7	.4																	3	3	5	5														
47/5																					2														
47/3																					5														
47/1	.2																	2	2	2															
47/-1	.4																	3	3	3	2														
47/-3	.1																	1	1	1	4														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

MAR
MONTH

PAGE 2 0300-0500
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL Wet Bulb Dew Point					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.		Dry Bulb				
- / -5																																							1
- / -7																																						1	
- / -9																																						2	
- / -11																																					1		
TOTAL	1	3	5	2	1	7	4	6	9	2	5	2	3	1	5																						812	812	812
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	\bar{X}^2	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Num.	5473653	65729	80.913	6547.39	812	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93																											
Dry Bulb	1221967	37240	37.210	1384.67	812	.5	37.9					93																											
Wet Bulb	180568	28462	35.110	1232.12	812	.5	36.7					93																											
Dew Point	913652	25632	31.611	1000.189	812	1.3	50.9					93																											

USAFETAC FORM AIR 84 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 3600-0840
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point																
67/55			.1																														1	1			
47/53			.2																															2	2	1	
7/51			.1	.2																													3	3	2	3	
7/59			.4	.4					.1																								7	7	1		
7/57				.2	.4	.1	.1																										7	7	6	3	
5/55	.7	1.0	.2						.4	.1																							20	20	11	11	
4/53	.4	1.0	.4	.1	.2				.4	.1																							21	21	14	10	
7/51		.7	.6	.2	.5	.6																											22	22	16	11	
5/49		1.1	1.0	1.0	.1																												26	26	12	4	
7/47	.5	2.3	.7	.4	.7	.1																											39	39	25	18	
7/45	.6	2.1	.7	.9	.4																												38	38	44	36	
47/42	.9	2.9	.9	.5	.1																												43	43	41	27	
7/41	.1	2.9	1.0	.6	.5																												42	42	46	28	
7/39	1.6	3.6	1.5	.5	.1																												61	61	56	46	
7/37	.7	3.9	2.2	.5																													60	60	49	38	
7/35	1.5	4.9	1.5																														64	64	68	51	
3/33	1.1	4.8	1.3	.2																													61	61	76	53	
7/31	2.2	5.8	2.5	.1																													66	66	66	93	
7/29	.9	4.3	1.6	.2																													57	57	66	71	
7/27	.9	3.1	.7																														28	28	61	54	
7/25	.6	3.6	.1																														35	35	47	46	
7/23	.1	1.8	.4																														19	19	30	46	
7/21	.5	1.2																															14	14	25	38	
7/19	1.0	1.0																															16	16	19	33	
7/17	.7																																6	6	9	27	
1/15	.1	.2	.1																														4	4	4	15	
7/13	.2																																2	2	2	11	
1/11	.7																																6	6	7	9	
7/9	.4																																3	3	5	4	
7/7	.4																																3	3	1	5	
7/5	.1	.1																															2	2	4	6	
7/3	.2																																2	2	1		
7/1	.1																																1	1	2	3	
7/0	.2																																2	2	2	3	
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

REGIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 MAP MONTH
 STATION STATION NAME YEARS
 PAGE 2 0600-0800
 HOURS U.S.T.

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Num.	5524651	66073	61.113	4.86	815							93
Dry Bulb	1178481	29733	36.510	7.32	815	.5	34.0					93
Wet Bulb	1345468	28134	34.417	1.12	815	.5	39.7					93
Dew Point	881126	25176	30.911	2.72	815	1.4	54.3					93

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AND WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704546 SALINA MAP KS 73-81 YEARS MAR MONTH

PAGE 1 1980-1100 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
4 / 73												.1	.1																			2	2					
4 / 71																																	1	1				
4 / 69					.2							.2																					4	4				
4 / 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			
4 / 61			.1	.4		.4	.6					.2	.2	.2																			18	18	4	7		
4 / 59			.1	.5	.7		.4	.6	.4	.1																							23	23	7	3		
4 / 57			.5	.6	.5	.2	1.1	1.7	.2																								34	34	15	5		
5 / 55	.2		.9	.4	.5	.7	1.7	.6	.1																								42	42	19	14		
4 / 53			.4	1.7	.7	.5	1.1	.4	.2																								35	35	21	9		
4 / 51			.4	.7	.7	1.3	.6	.5																									35	35	15	9		
4 / 49			1.7	1.7	1.6	1.7	.5	.1	.1																								49	49	30	20		
4 / 47	.6		1.7	1.2	1.6	1.1	1.7																										59	59	35	23		
4 / 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		
4 / 39	.9		2.2	2.3	1.5	.2																												56	56	78	52	
4 / 37	.7		2.3	1.7	1.3	.1																												47	47	57	67	
4 / 35	.4		2.1	2.2	.9																													45	45	61	56	
3 / 33	.2		1.8	1.3	.4																													31	31	49	72	
4 / 31	.7		2.1	2.1	.2																													42	42	49	77	
4 / 29	1.7		2.7	1.7	.1																													33	33	43	53	
4 / 27	.1		.6	.6																														11	11	33	49	
4 / 25			1.3	.2																														13	13	19	44	
4 / 23	.2		.2	.4																														7	7	12	38	
2 / 21	.4		.5	.1																														8	8	8	21	
4 / 19			.4	.1																														4	4	6	32	
4 / 17			.6	.4																														8	8	5	20	
4 / 15																																					6	11
4 / 13			.2																															2	2	2	7	
1 / 11	.2		.2																															4	4	4	7	
4 / 9	.1		.1																															2	2	2	4	
4 / 7	.1		.1																															2	2	2	7	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total																											
Ref. Num.						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM AIR 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

074556 SALINA MAP KS

73-81

MAR
 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														
/																					1	1													
- /	.1	.1																	2	2	2	1													
/																						4													
/ -																						2													
- /																						2													
- / -																						1													
TOTAL	7.3	28.6	24.4	15.8	8.5	8.3	4.2	2.0	1.7										819		819														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	1-32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4256166	57130	69.8	18.1	819							93
Dry Bulb	1666746	35710	43.6	11.5	819		15.7	1.6	.2			93
Wet Bulb	1335777	32783	39.2	9.7	819		22.0					93
Dew Point	1007673	27333	33.4	10.8	819	.6	42.6					93

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

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 WALINA MAP KS STATION NAME

73-81 YEARS

MAR MONTH

PAGE 1 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
74																		.1															2	2		
77																		.2															4	4		
77																		.4															4	4		
75																		.1															11	11		
73																		.1															11	11		
71																		.1															15	15		
69																		.1															22	22		
67																		.1															25	25		1
65																		.1															22	22		7
63																		.5															35	35		4
61																		.5															38	38		13
59																		.1															46	46		21
57																		.6															51	51		28
55																		.1															49	50		19
53																		.1															37	37		35
51																		.7															37	37		39
49																		.7															46	46		65
47																		.1															44	44		59
45																		.4															54	54		74
43																		.2															43	43		77
41																		.7															36	36		69
39																		1.2															44	44		56
37																		.5															25	25		44
35																		.5															30	30		46
33																		.4															18	18		32
31																		.5															19	19		36
29																		.7															14	14		27
27																		.1															7	7		11
25																		.2															12	12		9
23																		.1															5	5		8
21																		.1															1	1		6
17																		.1															2	2		4
15																		.2															3	3		2
Element (X)	ΣX^2	ΣX	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 (O.L.A.) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

174536 SALINA MAP KS
 STATION STATION NAME

73-81

YEARS

MAP MONTH

PAGE 1 1200-1400
 HOURS 1-5-7

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			
/ 13		.2	.1																																3	3	4	4	
1 / 11			.1	.1																															2	2	1	11	
/ 7																																					1	5	
/ 5																																					1	2	
/ -1																																						1	1
- / -3																																						1	1
- / -5																																						1	1
TOTAL		.315	.316	.113	.212	.417	.5	.9	6.0	5.3	3.4	1.6	.6																						818	819	818	818	

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	322775	49309	59.121	.423	818							
Dry Bulb	2226418	41382	50.512	.964	819		7.8	10.7	3.6	.3		93
Wet Bulb	1676476	35192	43.3	9.720	818		12.7	.1				93
Dew Point	1785497	28457	34.810	.813	818	.3	40.4					93

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

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

104986 SALINA MAP KS 73-81 YEARS MAR MONTH
 STATION STATION NAME

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
/ 17		.4																3	3	1	32															
1 / 15	.1	.2	.4															6	6	2	14															
/ 13																					4	15														
1 / 11																						3														
/ 9																						3														
/ 7																						1														
/ 5																						1														
/ 3																						1														
/ 1																						1														
/ -1																						1														
/ -3																						1														
TAL	4.7	15.0	12.1	10.9	14.7	10.6	7.4	6.4	6.3	4.7	7.3	2.7	1.2	.4					819			815														
																		815		815		815														

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2969671	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	1034440	28398	34.8	10.799	815	.2	43.5					93

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704566 WAILINA MAP KS STATION NAME

73-81 YEARS

MAR MONTH

PAGE 1 1800-2000 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																		
67/87																																			1	1			
67/81																																				1	1		
67/79																																				2	2		
77/77																																				2	2		
76/75																																				7	7		
74/77																																				2	2		
77/71																																				9	9		
77/69																																				12	12		
77/67																																				13	13		
76/65																																				24	25		2
77/63																																				23	27		2
77/61																																				33	33		9
77/59																																				32	32		14
77/57																																				33	33		20
77/55																																				38	38		28
74/53																																				42	42		26
77/51																																				43	43		36
77/49																																				58	58		49
77/47																																				59	59		65
77/45																																				56	56		77
77/43																																				49	49		67
77/41																																				49	49		73
77/39																																				44	44		78
77/37																																				35	35		39
77/35																																				37	37		52
77/33																																				17	17		47
77/31																																				22	22		38
77/29																																				17	17		22
77/27																																				9	9		14
77/25																																				8	8		9
77/23																																				6	6		9
77/21																																				6	6		7
77/19																																				5	5		8
77/17																																				1	1		3
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																												
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704566 SALINA MAP KS 73-81 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS 11.5.7.

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 / 13		.1	.1															2	2	2	13														
1 / 13	.1	.1																2	2	1	9														
1 / 11	.1	.1																2	2	3	3														
1 / 9	.1	.1																2	2	2	5														
1 / 7																				1	4														
1 / 3																					1														
1 / -1																					1														
1 / -3																					1														
1 / -5																					1														
TOTAL	4.6	23.0	18.3	16.6	12.7	7.8	7.0	4.2	2.9	1.4	1.0	.4	.1				803		803	803															

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3646372	51598	64.3	20.311	803	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	195924	38457	47.8	12.246	804			5.7	1.7	.2		93
Wet Bulb	1480073	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 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

FEDERAL CLIMATOLOGY BRANCH
 US/FETAC
 AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

724546 SALINA MAP KS 73-61 MAR 2100-2100
 STATION STATION NAME YEARS MONTH HOURS U.S.T.

PAGE 1 2100-2100
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/70																	.1	1	1																
47/71																	.1	2	2																
47/69				.1													.1	2	2																
46/65					.1	.1	.1	.2	.4	.1								9	9	1															
47/63		.2	.1	.2	.1	.1	.5											11	11	1	1														
47/61		.4	.2	.5	.5	.1												14	14	4															
47/59		.7	.2	.5	.1				.1									14	14	4	5														
47/57		.5	.4	.7	.6	.6												23	23	10	3														
51/55		.9	.5	.9	.7	.4	.2	.1										20	31	19	11														
46/53		.4	1.1	1.2	.7	.5	.2											39	39	20	9														
47/51	.1	.6	.9	.9	.7	1.1	.1											36	36	24	9														
51/48	.2	1.2	.5	1.7	.5	1.7												26	36	32	16														
47/47	.1	3.2	1.7	.9	.6	.7												55	55	47	31														
47/45	.4	2.1	2.3	1.6	.7	.1												59	59	50	44														
47/43	.1	2.3	2.1	1.2	.9	.1												59	59	55	32														
47/41	.7	3.2	2.3	1.1	.5													65	65	74	61														
47/39	.9	3.6	2.7	1.2	.1													63	63	65	42														
47/37	.5	2.7	1.8	1.5	.1													54	54	56	73														
47/35	.6	2.6	2.3	.9	.5													50	57	63	56														
34/33	.6	4.1	2.1	.2	.1													58	58	67	48														
47/31	1.7	2.7	1.7	.5														42	42	59	67														
47/29	.6	1.5	.9															24	24	40	47														
47/27		1.2	.7															16	16	34	54														
47/25	.1	.2	.2															5	5	16	46														
47/23	.1	.4	.1															5	5	8	23														
47/21	.2	.6	.4															10	10	8	32														
47/19	.1	.5																5	5	9	22														
47/17		.7																6	2	6	15														
47/15		.5																4	4	5	9														
47/13	.2	.1																3	3	5	12														
47/11																					12														
47/9	.1																	1	1	1	5														
47/7	.1																	1	1	1	2														
47/5		.2																2	2	2	2														

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

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72466 SALINA MAP KS 73-01 YEARS MAR
 STATION STATION NAME MONTH
 PAGE 1 ALL HOURS . . . 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																
89																																		1	1		
87																																		2	2		
85																																		2	2		
83																																		1	1		
81																																		7	7		
79																																		19	19		
77																																		22	23		
75																																		35	36		
73																																		32	32		
71																																		45	46		
69																																		67	67		
67																																		69	69		2
65																																		101	102		20
63																																		129	129		5
61																																		159	159		23
59																																		166	166		21
57																																		224	224		32
55																																		228	228		32
53																																		242	243		66
51																																		263	268		36
49																																		340	340		150
47																																		397	397		207
45																																		384	384		337
43																																		390	391		280
41																																		370	370		368
39																																		426	426		390
37																																		354	355		409
35																																		393	394		457
33																																		307	307		428
31																																		387	387		645
29																																		239	239		439
27																																		168	168		445
25																																		126	126		362
23																																		65	65		260
Element (X)	Z _X ¹	Z _X	X	* _X	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774566 SALINA MAP KS 73-81 MAR
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS 24

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
27-21	.4	.8	.1															77	77	98	236														
27-17	.3	.5	.2															51	51	79	218														
27-15	.1	.4	.1															34	34	41	127														
27-13	.1	.2	.1															30	30	24	115														
27-11	.1	.2	.2															21	21	29	78														
27-9	.1	.1																22	22	29	59														
27-7	.1	.1																13	13	17	32														
27-5	.1	.1																10	10	12	28														
27-3	.1	.1																4	4	7	14														
27-1	.1	.1																5	5	4	13														
27-1	.1	.1																8	8	7	13														
27-1	.1	.1																6	6	8	12														
27-1	.1	.1																3	3	3	11														
27-3																					13														
27-5																					4														
27-7																					4														
27-9																					4														
27-11																					1														
27-13																					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	.2				6499	6509	6499	6499														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	34814719	457151	70.3	20.222	6499	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	13582918	234824	43.8	13.115	6509	1.0	145.1	34.9	14.1	1.9		744
Wet Bulb	17665382	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 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74546 SALINA MAP KS 73-81 APR MONTH

PAGE 1 0000-0200
HOURS G. 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							
73				.1				.1																			2	2							
71			.1	.1	.3			.3																			6	6							
69			.1	.5	.4																						8	8	1						
67		.8	1.3	1.1	.3	.1																					28	29	3						
65		.6	1.7	.6	.5			.3	.1																		25	25	12	7					
63		1.1	1.0	.6	.8			.4	.4																		33	33	27	17					
61	.1	1.8	.6	.9	.5	.3	.4	.1																			37	37	28	19					
59		1.5	1.5	2.0	.6	.4	.3																				50	50	32	26					
57	.3	2.5	1.4	.4	1.2	.8		.1																			51	51	31	36					
55	.3	1.9	1.4	1.4	1.4	1.3	.1																				61	61	48	34					
53		1.9	1.7	1.4	1.1	.4		.1																			47	47	42	35					
51		3.9	1.4	1.7	.4	.1																					54	54	42	33					
49		3.1	2.7	1.8	.8	.3																					63	63	51	46					
47		2.5	2.6	1.4																							52	52	51	49					
45		2.3	1.5	.4																							33	33	71	43					
43	.1	3.6	2.7	.5																							50	50	62	52					
41		2.9	2.4	.6																							47	47	46	59					
39	.1	2.3	2.7																								35	35	58	63					
37	.4	2.3	1.8																								35	35	39	60					
35	.3	2.3	.9																								27	27	36	61					
33	.3	2.7	.4																								25	25	33	51					
31	.4	1.7	.3																								13	13	24	48					
29	.1	.4	.1																								5	5	12	23					
27		.1																									1	1	4	21					
25																													2	7					
23																														2					
21	.3	.1																									3	3	2	1					
19																														1	3				
17																															3				
15	.1	.1																									2	2	2						
13	.1																										1	1	1	1					
11																														3					

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

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774866 SALINA MAP KS 73-81 APR
 STATION STATION NAME YEARS MONTH
 PAGE 3 0000-2200
 HOURS U. 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						
TOTL	3.3	4.0	8.2	6.8	14.9	7.0	3.5	1.0	0.9																									796	796

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

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	4923155	61657	77.513	6.12	796							90
Dry Bulb	2113837	45195	50.510	2.88	796		2.8	5.2	0.5			90
Wet Bulb	1820788	37328	46.9	9.474	796		5.2	.5				90
Dew Point	1573867	34459	43.310	0.164	796		12.7					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774936 SALINA MAP KS STATION NAME

73-81 YEARS

APR 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														
69		.3	.8															8	8																
67		.1	1.2	.1	.3													12	12	3	2														
65		.9	1.7	.4	.1	.1												20	27	6	3														
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														
55	.6	2.2	1.7	1.1	.6	.3												51	53	41	32														
53	.4	2.7	1.4	1.9	.8	.6												61	61	30	27														
51	.5	3.4	1.3	1.5	.5	.4												62	62	49	31														
49	.4	4.5	1.1	2.7	.1													64	64	57	44														
47	.3	2.7	3.1	1.7	.1													56	56	68	52														
45		4.6	1.3	.8														52	52	64	38														
43	.1	3.3	2.3	.8														51	51	82	52														
41		3.3	2.4	.4														48	48	42	67														
39	.3	3.3	1.7															41	41	56	56														
37		3.4	1.4															38	38	47	50														
35	.3	2.9	.4															28	28	45	66														
33	1.1	2.5																29	29	36	54														
31	.3	2.9																25	25	26	54														
29		1.1	.1															10	10	13	27														
27	.3	.4	.3															7	7	9	20														
25	.1	.1																2	2	6	14														
23																				1	4														
21	.1																	1	1	1	3														
19	.3																	2	2	2	2														
17																					4														
13	.3	.1																3	3	3	1														
11																					2														
9																					1														
TOTAL	5.15	0.825	6.17	0.9	3.8	2.3	.5											786	789		786														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5337190	64066	81.5	12.111	786	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	1901572	37918	48.1	10.032	789		5.7	2.3				92
Wet Bulb	1682330	35592	45.3	9.484	786		7.6	.3				92
Dew Point	1492330	33294	42.4	10.223	786		15.1	.2				92

USAFETAC FORM 44 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOEAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 7600-0800
 HOURS L.S.T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
71			.3	.1																												3	3					
69			.3	.8																												8	8					
67			.1	1.3		.1																										12	12	5				
65			.9	.6	.1	.1	.1																									15	15	8	6			
63	.1	1.6	.8	.4	.6	.1																										29	29	18	13			
61	.1	1.5	.9	.4	.6	.5																											32	32	25	22		
59	.1	1.9	1.7	.5	.1	.1																											37	37	27	21		
57	.5	1.9	.6	.5	.1	.4																											32	32	37	29		
55	.3	2.7	.8	1.5	.9	.6	.1																											54	54	35	26	
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	2.7	.5																													63	63	55	57	
47	.1	2.3	3.3	3.1	.1																													77	77	65	34	
45	.3	3.9	1.9	.8																														54	54	82	50	
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	2.7	.3																														33	33	55	74	
37	.1	2.9	.9	.3																														33	33	44	53	
35	.1	2.2	1.7																															26	26	29	64	
33	.6	1.6	.4																															21	21	36	56	
31	.3	2.2	.5																															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	
21																																						1
19	.1	.3																																	3	3	2	5
17																																						1
15	.1																																				1	
13		.1																																			1	
9																																					1	
TOTAL		4.445	7.28	4.13	8.5	1.2	.5	.1																											790	790	790	

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	1944111	39429	49.6	9.734	790		4.9	2.6				90
Wet Bulb	1712569	36.42	45.6	9.299	790		5.8	.6				90
Dew Point	1574295	33521	42.4	10.191	790		14.0					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 CALINA MAP KS STATION NAME 73-81 YEARS

APR MONTH

PAGE 1 8988-1122 HOURS 5.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
7 / 91								.1		.1								2		2																
7 / 79							.3		.1	.1								4		4																
7 / 77						.4		.3	.1		.1							7		7																
7 / 75				.3	.8	.1		.5	.3	.1								17		17																
4 / 73		.1	.5	.4	.5	.3	.1	.3			.1							18		18																
7 / 71		1.3	1.2	.3	.1	.2	.3	.3										32		32																
7 / 69		.4	.5	.8	.6	.6	.3	.3										27		27																
7 / 67	.1	1.1	.3	.9	1.2	.4	.3	.4	.3									41	41	27		5														
6 / 65	.4	.8	.6	.8	1.1	1.1	.5	.3	.3									46	46	31		12														
4 / 63	.5	1.4	1.2	1.1	.9	.4	.6	.1										48	43	25		22														
7 / 61	1.5	.8	1.1	1.4	1.4	.8	.6	.1										61	51	31		26														
7 / 59	1.3	.6	.9	1.5	1.8	.6	.8	.1										62	50	59		20														
7 / 57	1.1	1.3	1.3	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														
4 / 53	.6	1.3	1.1	1.7	1.3	.3												49	50	57		34														
7 / 51	1.4	1.2	1.4	1.8	.1	.1												46	46	67		36														
6 / 49	.9	1.2	1.5	1.8	.1													42	42	72		42														
7 / 47	2.4	.6	1.1	.8	.1													42	42	57		45														
6 / 45	.8	1.4	1.7	.6														35	35	81		62														
4 / 43	1.4	.6	.9															23	23	59		61														
7 / 41	.5	2.7	.4															23	23	40		37														
4 / 39	.8	.4	.4	.1														13	13	28		68														
7 / 37	.1	.6																6	6	30		48														
7 / 35	.1	.6	.1															7	8	7		48														
3 / 33	.8	.1	.5															11	11	17		41														
7 / 31	.1	.3																3	3	6		43														
7 / 29	.3																	2	2	5		25														
7 / 27	.1																	1	1	3		11														
7 / 25																				1		11														
7 / 23																						7														
2 / 21	.1	.1																2	2	2		2														
7 / 19	.1																	1	1	1		2														
7 / 17																						3														

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 WALINA MAP KS STATION NAME

73-81 YEARS

YEARS

APR 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. Wet Bulb	Dry Bulb Dew Point																
80																		.1														1	1		
79																			.1	.1	.1											3	3		
78																		.3	.4	.4												8	8		
77																		.6	.1	.6												12	12		
76																		.1	.3	.3	.1	.3	.1	.1								10	17		
75																		.7	.5	.7	.3	.4	.4	.3								21	21		
74																		.6	.9	.6	.6	.3	.3	.3	.1							33	33		
73																		.4	.1	.8	.8	.4	.3	.5	.3							27	27		
72																		.3	.4	.9	.8	.6	.3	.3	.1							44	44	2	
71																		.4	.4	.9	.6	.6	.5	.1	.1							53	53	2	
70																		.3	.5	1.7	.8	.4	1.7	.6	.3	.3						40	40	27	2
69																		.5	.6	.9	.6	1.7	1.6	1.7	1.3	.5	.1					65	65	21	9
68																		.8	1.7	1.3	2.3	1.4	.8	.1								66	66	38	17
67																		.3	1.4	1.5	1.3	1.6	.8	.3							64	65	59	12	
66																		.4	.5	.3	.5	1.1	.8	.3	.4						47	47	47	35	
65																		.4	.4	.9	.6	1.1	1.1	.6							41	41	44	42	
64																		.4	.5	.4	.6	.8	1.3	.1							32	32	46	34	
63																		1.4	.8	.6	1.4	1.7									41	41	67	33	
62																		.3	1.3	.3	1.1	1.3	.6								38	38	72	16	
61																		.4	.6	.9	1.6	1.7	.3								41	41	70	51	
60																		.8	.4	.8	.3	.8									23	23	62	42	
59																		.5	.4	.9	.6	.1									20	20	43	53	
58																		.8	.4	.9	.3	.1									19	19	56	50	
57																		.6	.1	.5	.3										12	12	44	56	
56																		.4	.4	.1											11	11	30	45	
55																		.3	.3	.3	.1										7	7	22	49	
54																		.1	.3	.4											6	6	13	46	
53																		.4	.1												4	4	10	61	
52																		.3	.1												3	3	6	41	
51																																		2	34
50																		.1													1	1		18	
49																		.3													2	2	1	19	
48																		.3													2	2	2	11	
47																															1	1	2	4	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74526 SALINA MAP KS 73-81
 STATION STATION NAME YEARS
 PAGE 2 1200-1400
 MONTH HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																			
2 / 21																																					5	
1 / 19																																					3	
0 / 17																																					2	
0 / 3																																					1	
TOTAL	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																							791	
																																						791

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2719583	43883	55.5	18.995	791							
Dry Bulb	3225741	49737	62.8	11.372	792		.7	36.0	18.1	5.2		90
Wet Bulb	2316947	42218	53.4	8.975	791		.9	5.9	.2			90
Dew Point	1697917	35615	45.0	10.928	791	11.0	1.3					90

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 91											.1	.1																				2	2			
1 / 89											.1	.3																				3	3			
6 / 87											.1	.6	.4																			11	11			
6 / 85											.3	.4	.1	.1																		7	7			
1 / 83										.1	.5	.3	.3	.4	.4																	17	17			
1 / 81							.1	.4	.4	.1	.3	.1	.4	.4	.1																	18	18			
1 / 79						.6	.9	.1	1.0	.1	1.0	.1	.4	.1	.1																	33	33			
7 / 77				.3	.4	.6	.4	.4	1.0	.4	.9	.1	.1																			35	35			
6 / 75				.3	.3	1.7	.8	.6	.6	1.2	.3	.1	.1																			41	41			
4 / 73				.3	.3	.4	.6	.3	.9	.9	.8	.3																				35	35	2		
1 / 71			.3	.5	1.7	1.2	.8	2.3	.5	1.7	.9	.1																				67	67	17		
1 / 69			.8	.5	.5	1.7	1.5	1.2	1.4	.5	.3	.1																				65	65	23	4	
6 / 67	.5	.6	.8	.3	1.7	.6	.9	1.5	1.7																							57	57	76	11	
6 / 65	.5	.4	.1	.5	.8	.6	1.5	1.4	.1																							47	47	45	19	
4 / 63	.6	1.7		.5	.8	.5	.9	.6	.1																							40	40	50	15	
7 / 61	1.2	.5	.3	.4	1.0	.4	1.3	.1																								40	40	50	28	
1 / 59	.1	.3	.4	.6	.9	1.3	1.2	.1																								38	38	57	40	
7 / 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	50	29	
4 / 53	.1	1.4	1.7	1.7	.3	1.3																										40	40	62	23	
7 / 51	.8	.3	.1	1.7	.3																											19	20	65	35	
5 / 49	.4	.4		.1																												7	7	69	54	
1 / 47	.9	.4	1.3	.1	.3	.3																										25	25	61	50	
4 / 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	
1 / 39	.3	.3	.1	.5																												9	9	11	56	
7 / 37	.3																															2	2	9	45	
1 / 35	.5																															4	4	9	54	
3 / 33	.1	.4																														4	4	7	51	
1 / 31																																			1	38
1 / 29																																			20	
1 / 27	.6																																5	5	20	
1 / 25	.1																																1	1	5	6
Element (X)	Z _X '	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-61 APP
 STATION STATION NAME YEARS MONTHS
 PAGE 1 1500-1700
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																		
/ 23																																					1	1	
/ 21																																						5	3
/ 19																																						3	2
/ 17																																						2	1
TOTAL	8.3	9.3	8.1	8.3	7.2	14.5	12.7	12.3	8.6	7.3	4.2	3.5	1.3	.3																						780	780		

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	2454258	40862	52.4	20.365	780							
Dry Bulb	3474233	50745	65.0	11.718	781		.7	45.1	23.3	8.5		90
Wet Bulb	2369697	42437	54.4	8.893	780		.8	7.5	.2			90
Dew Point	1686538	35246	45.2	10.976	780		11.0	1.7				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT: WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

704546 SALINA MAP KS 73-81 YEARS APR MONTH
STATION STATION NAME

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B. Dry Bulb	Wet Bulb	Dew Point															
6/87																		.1	.1												2	2			
6/83																		.3	.1												3	3			
7/81									.1	.1	.1	.1	.3																	6	6				
7/79									.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				
7/71			.1	.4	.9	.3	.6	.8	1.0							.3														34	34				
7/69			.5	1.7	1.2	1.2	.9	1.7	.6	.5																				59	59	15			
8/67		.4	1.0	.8	.8	1.2	1.8	1.2	.4							.1														59	59	18	2		
6/65		.9	.6	.5	1.2	.8	.9	.5	.8	.3																				50	50	37	10		
4/62		.1	1.2	.8	1.4	1.3	.6	.6	.4																					52	52	47	18		
8/61		.9	.6	.4	1.7	1.2	1.4	.9		.1																				56	56	44	32		
7/59		.9	1.2	.5	1.2	1.5	2.2	.3	.1																					60	60	51	46		
7/57	.1		.1	.6	.6	1.2	1.7	.3																						31	31	52	26		
5/55		.1	1.2	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		
8/51		1.3	1.2	.9	1.3	.8																								42	42	62	41		
8/49	.3	1.0	.9	1.2	.9	.3																								35	35	66	57		
4/47	.3	.9	.5	.9	.5	.1																								25	25	76	58		
4/45	.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		
4/39	.1		.6	.5																										10	10	22	41		
8/37	.1	.4	.3																											6	6	8	49		
2/35		.5																												4	4	12	61		
30/33		.5	.1																											5	5	7	27		
10/31	.3																													2	2	6	33		
7/29																																	20		
7/27		.1	.1																												2	2	9		
7/25		.4																												3	3	4	10		
24/23		.1																												1	1	2	2		
2/21																																	2		
2/19																																	3		

Element (X)	ΣX'	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704546 SALINA MAP KS 73-81 APR MONTH

PAGE 1 2000-2300 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														
77 / 79													.1																1	1					
77 / 77												.1																	1	1					
75 / 75						.1																							1	1					
73 / 73				.6			.4																					13	13						
71 / 71			.1	.9	.1		.4	.1																				22	22	2					
69 / 69			.3	.8	.5	.5	.1	.1	.1																			39	39	6	2				
67 / 67		.1	.9	2.7	.5	.5	.5	.1	.3																			45	45	16	4				
65 / 65		1.3	.8	1.7	1.7	.4	.2	.3	.1																			42	42	15	11				
63 / 63		1.1	1.7	1.7	.5	1.1	.3	.3																				42	42	35	29				
61 / 61		1.7	1.7	1.1	1.7	.9	.3																					66	66	43	31				
59 / 59	.1	1.9	2.1	1.5	1.4	.6	.5	.1																				67	67	42	42				
57 / 57	.4	1.1	1.5	1.8	1.4	1.1	1.1																					54	54	53	33				
55 / 55	.1	1.7	2.7	1.9	.8	.9	.1																					45	45	61	32				
53 / 53		1.1	1.5	1.7	.9	.4																						59	59	62	57				
51 / 51	.3	2.9	1.9	1.6	.6	.1																						43	43	74	44				
49 / 49		1.4	1.4	2.1	.5																							52	52	66	61				
47 / 47	.3	1.8	2.4	1.8	.3	.1																						36	36	55	55				
45 / 45		1.6	1.4	1.1	.4																							52	52	56	69				
43 / 43	.3	2.1	2.8	1.4																								35	35	47	42				
41 / 41		1.8	1.3	1.4																								15	15	42	62				
39 / 39		1.7	.9																									17	17	39	50				
37 / 37		1.1	.9	.1																								14	14	21	56				
35 / 35	.1	.9	.9																									9	9	14	38				
33 / 33	.1	.6	.4																									7	7	14	29				
31 / 31		.6	.1	.1																								1	1	3	25				
29 / 29		.1																										4	4	1	3				
27 / 27																																5			
25 / 25																																			
23 / 23		.5																																	
21 / 21																																			
19 / 19		.3																																	
17 / 17																																			
15 / 15																																			
13 / 13																																			
Element (X)	Z _{X'}	Z _X	I	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 APR
 STATION MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
91												.0	.0																			2	2					
89												.0	.0																			4	4					
87											.0	.0	.1																			16	16					
85											.1	.1	.1	.0																		15	15					
83								.0	.1	.1	.1	.0	.0	.0																			32	32				
81						.0	.1	.1	.1	.1	.1	.1	.0	.0																				36	36			
79					.1	.2	.1	.2	.1	.2	.1	.0	.0	.0																				68	68			
77				.0	.2	.2	.3	.2	.2	.2	.1	.1	.0	.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	.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
65		.7	.7	.5	.7	.6	.8	.5	.4	.1																									314	314	163	78
63	.1	.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
55	.2	1.1	1.3	1.2	1.0	1.2	.4																												399	401	413	252
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	1.0	.4																													395	396	463	304
49	.2	1.9	1.0	1.4	.6	.2																													340	340	536	386
47	.1	1.7	1.7	1.4	.3	.1	.0																												340	340	487	402
45	.1	1.9	1.1	.9	.3	.0																													265	265	512	402
43	.1	2.0	1.5	.7	.0																														266	266	429	441
41	.1	1.7	1.4	.5	.0																														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	1.0	.2																																107	107	156	359
31	.1	.9	.1	.1																															71	71	105	321
29	.7	.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						Total																										
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS

73-81

YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point														
21 / 23		.1		.0														7	7	10	29														
21 / 21	.1	.0																6	6	8	20														
19 / 19	.1	.1																8	8	7	22														
17 / 17																				3	21														
15 / 15		.1	.0															3	3	3	4														
13 / 13			.3															5	5	5	6														
11 / 11																					5														
9 / 9																					2														
7 / 5																					1														
TOTAL	2.5	26.1	19.4	14.5	10.7	8.9	5.7	4.4	3.0	1.8	1.2	.6	.2	.0			6303	6712		6303															

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	31624669	429673	68.2	19.245	6303							
Dry Bulb	27559518	351848	55.8	12.238	6310		18.4	146.7	60.2	15.7		720
Wet Bulb	16167350	313330	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74566 SALINA MAP KS 73-81 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 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															
67/75		.1	.6	.4		.1	.1	.1										12	12																	
67/73		.4	.6	.5														12	12		1															
71/71		.3	1.2	.4			.1											15	15	9	3															
69/69		.5	3.0	.5	.1	.1												33	33	11	10															
67/67		1.4	1.4	1.2		.3												33	33	24	8															
67/55		1.8	3.4	1.3	.6	.4	.1											59	60	38	28															
67/67		4.1	1.7	1.0	1.4	.5												68	68	43	36															
61/61	.4	2.8	2.8	2.2	.9													71	71	63	52															
59/59	.8	3.4	2.6	1.8	1.0													74	74	57	54															
57/57	.6	2.6	2.8	1.4	.6													63	63	76	57															
55/55	.3	4.6	3.1	1.4	.6													78	78	75	58															
53/53		3.7	2.6	.6	.3													56	56	75	60															
51/51	.3	2.7	2.3	.3	.3													45	46	72	73															
49/49	.4	2.3	2.2	.4	.1	.1												43	43	63	66															
47/47	.1	2.3	1.0	.9	.1													35	35	46	57															
45/45		3.4	1.2	.3	.3													39	39	45	53															
43/43		1.7	.8	.1														20	20	29	58															
41/41		.9	.5															11	11	26	67															
39/39		.4	.1															4	4	13	30															
37/37		.4	.1															4	4	9	15															
35/35		.1																1	1	4	16															
33/33																				1	5															
31/31																					3															
29/29																					6															
27/27																					1															
TOTAL	2.8	39.9	34.0	14.7	6.4	1.5	.4	.1											776	778		776														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5210010	63044	81.2	10.666	776	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2646650	44942	57.8	8.064	776			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 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS
STATION STATION NAME

73-81 YEARS

MAY MONTH

PAGE 1 0300-0500
HOURS L. S. T. I.

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. Wet Bulb	Wet Bulb Dew Point																	
4 / 93																																	1	1		
7 / 77																																	1	1		
7 / 75			.1																													2	2			
7 / 73				.9	.1					.1																						9	9	1		
7 / 71			.3	.6	.1	.1				.1																						10	10	1	1	
7 / 69			.9	2.2	.3					.1																						27	27	12	2	
6 / 67			1.7	1.3	.1	.5																										23	23	12	13	
6 / 65			2.6	1.2	1.3	.4																										42	42	33	17	
4 / 63		.3	4.1	1.4	.8	.1	.1																									53	53	37	33	
7 / 61		.4	5.2	.9	.8	.6																										62	62	57	52	
7 / 59		.9	4.9	1.2	.6	.1	.1																									61	61	71	50	
5 / 57		.4	3.9	2.3	1.2	.4																										63	63	51	68	
5 / 55		.5	5.3	2.5	1.5	.5	.1																									81	81	65	40	
4 / 53			4.3	2.6	.8																											59	59	60	77	
2 / 51		.3	5.2	1.8	.3																											58	58	71	54	
5 / 49		.6	3.1	1.4	.3																											42	42	75	69	
4 / 47		.4	4.1	1.7	.4																											46	46	45	56	
4 / 45			4.8	1.5	.4																											52	52	54	47	
4 / 43		.1	1.9	.8	.1																											23	23	37	59	
4 / 41			2.1	.4	.1																											20	20	33	36	
4 / 39		.1	2.6	.3																												23	23	24	35	
3 / 37		.3	.5	.3																												8	8	20	34	
3 / 35		.1	.4	.1																												5	5	8	16	
3 / 33			.4																													3	3	5	8	
2 / 31			.1																													1	1	2	8	
2 / 29																																			1	7
TOTAL	4.4	57.7	24.6	9.2	2.8	.8		.4		.1																						775	776	775		
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_n	No. Obs.	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	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	2216747	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 (OLA) 0-26-5 (OLA) REVISED REVISIONS INDICATED BY THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 YEARS MAY
STATION STATION NAME MONTH
PAGE 1 0600-0800
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
79				.1																								1	1						
77			.1	.1																								2	2						
75		.1	.5																									5	5						
73		.2	.5	.4																								9	9	3	1				
71		.2	1.1	.4	.2																							16	16	6	2				
69		.6	2.2	1.2	.2																							33	33	8	17				
67		2.0	2.7	.7	.4	.1																						48	48	23	8				
65		2.5	3.6	2.2	.2																							67	67	38	32				
63	.2	3.2	2.2	1.0	.1																							55	55	58	40				
61	.6	4.2	2.1	1.6	1.2	.1																						76	76	72	53				
59	.4	2.2	2.6	1.7	.2	.1																						53	53	65	81				
57	.1	2.7	2.2	1.9	.2	.2																						60	60	46	47				
55	.1	5.1	2.6	1.7	1.1	.1																						87	87	77	48				
53		3.2	3.3	2.3	.1																							73	73	64	67				
51	.4	3.1	2.6	.6	.4																							57	58	74	65				
49	.6	1.6	1.9	.6																								38	38	68	61				
47	.4	1.9	1.9	.4																								36	37	61	65				
45		1.6	1.6	.5																								30	30	43	45				
43		2.1	.9																									24	24	28	38				
41		1.7	.5	.2																								20	20	29	51				
39		.9	.4																									10	10	24	37				
37		.2	.1																									3	3	10	26				
35	.1	.5	.1																									6	6	6	15				
33																														4	11				
31																														6					
29		.1																										1	1		2				
27																														1					
25																														1					
TOTAL	3.1	39.8	35.7	16.5	4.3	.6	.1																												
																													810	812	810	810			

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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 6 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5541674	66476	82.1	10.313	810							
Dry Bulb	2715197	46463	57.2	8.351	810		.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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774536 SALINA MAP KS 73-81 MAY
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														
8/ 87							.1											1		1															
7/ 83					.1	.4	.4	.1										9		8															
6/ 81					.6	.4	.1	.1										10		17															
5/ 79			.1	.4	1.0	.6	.2	.2	.2									23		23															
4/ 77			.1	.4	1.5	1.3	.4	.5	.1									35		35															
3/ 75			.4	1.6	2.1	.5	.9	.7	.2									52		52	3	1													
2/ 73			.5	1.7	1.3	1.5	1.0	.5	.4	.2								58		58	17														
1/ 71			1.5	1.8	2.6	1.2	1.6	.4	.2									76		76	21	7													
12/ 69		.1	1.5	1.7	1.8	2.3	.9	.5		.1								73		73	38	23													
11/ 67		.4	1.7	.9	2.2	2.2	1.6	.4		.2								78		78	59	30													
10/ 65		.9	1.1	1.5	2.4	1.6	.5	.5										69		69	62	35													
9/ 63		1.0	.4	2.3	1.5	1.0	.9	.5	.1									62		63	76	68													
8/ 61	.1	1.0	1.7	.9	1.5	1.0	.7	.4	.1									60		67	63	56													
7/ 59	.1	.9	.7	1.8	.7	.6	.4	.5										47		47	92	52													
6/ 57		1.2	1.3	1.2	.9	.4	.1											42		42	84	50													
5/ 55		1.6	.5	.4	1.3	.2	.1	.1										35		35	73	67													
4/ 53	.2	.9	.7	.7	.6	.7												32		32	62	76													
3/ 51	.1	.6	.2	.5	.5	.4												19		19	39	75													
2/ 49		.5	.2	.6	.4	.1												15		15	44	64													
1/ 47			.4	.2														5		5	26	41													
12/ 45		.4	.5	.1	.1													9		9	15	31													
11/ 43		.4	.5															7		7	22	29													
10/ 41		.1																1		1	14	27													
9/ 39																					4	33													
8/ 37																					1	17													
7/ 35																						9													
6/ 33																						9													
5/ 31																						13													
4/ 29																						5													
3/ 27																						1													
2/ 23																						1													
TOTAL	.6	9.8	14.1	18.7	23.1	16.4	9.7	5.5	1.5	.6									817		817	817													
																			817		817														
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3740586	53936	66.0	15.012	817	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≥ 93 F	93																							
Dry Bulb	3602364	53844	65.8	8.436	817			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																							

FORM 0-26-5 (OLA) 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 YEARS MONTH MAY
STATION STATION NAME 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																	
91											.1																						2	2				
89											.4	.2											.1											7	7			
87										.5	.5	.5											.1											13	13			
85										.7	.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											.2	.2										53	53			
79					.9	.4	3.0	1.2	.9	.9	.4	.2	.2										.4	.2	.2									65	65			
77					.1	1.4	1.6	1.6	1.5	.6	.4	.7											.4	.7										64	64	2		
75					.6	2.5	1.0	1.5	1.6	1.2	.6												.6											74	74	23	1	
73			.1	.6	1.1	.7	3.1	1.7	1.2	.5	.1												.1											75	75	28	5	
71			.4	.5	1.1	1.5	3.2	1.5	1.4	.2													.2											79	79	41	21	
69			.4	.9	1.2	2.1	1.4	1.4	1.2	.1													.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	.4	.1																									21	21	86	58	
59	.1	1.1	.7	.1	.4	.2	.5	.2	.1																									29	29	84	42	
57		.6	.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	
27																																					1	

Element (X)	Σ X²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:4536 SALINA MAP KS 73-81 YEARS MONTH
 STATION STATION NAME

PAGE 1 1520-1720
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
91									.7	.1	.1							8	8																
89							.4	.7	.1	.2								12	12																
87						.1	.2	.9	.1		.2	.2						17	17																
85					.1	.5	.2	.7	.4	.1	.1		.4					21	21																
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																
77		.1			1.1	1.8	2.2	2.2	2.3	1.1	.7	.2	.1					94	94	4															
75				.2	1.5	1.1	1.2	4.1	1.2	.2	.2	.1						81	81	17	1														
73				.9	.7	.6	2.5	1.5	1.8	1.2	.2							73	74	41	3														
71			.5	.5	1.1	.5	1.8	.6	1.2	.2								52	52	35	13														
69			.6	.5	1.7	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														
65		1.2	.6	.7	1.1	.2	.7	.6	.9									50	53	68	58														
63	.1	.2	.1	.4	.4	.5	.6	.7	.2									27	27	89	68														
61		.1	.4	.5		.2	.1	.7										17	17	104	46														
59		1.1	.5	.5	.1		.9	.2	.1									28	28	62	38														
57		.7	.4	.2	.1	.1	.2											15	15	67	66														
55		.2	.4		.2		.1											8	8	67	65														
53		.2	.1	.2	.4		.2											10	11	30	63														
51	.1	.4		.1	.2	.1												8	8	26	71														
49		.4		.2														5	5	21	50														
47		.2	.2															4	4	23	47														
45	.4		.1															4	4	11	39														
43																				6	26														
41																				4	24														
39																					23														
37																					18														
35																					16														
33																					17														
31																					7														
29																					3														
27																					2														
23																					1														
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7245a6 SALINA MAP KS 73-81 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
89											.1																						1	1			
87									.1																								1	1			
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	2.1	.5	.5	.4	.1	.1																			40	40					
77					.5	1.4	1.1	1.1	1.8	.5	.1	.1																			54	54		1			
75				.2	1.5	1.7	1.6	1.4	1.8	.5	.1																				72	72		12			
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			1.7	1.7	2.2	2.8	.9	.5	.9																						81	61	57	16			
67	.6	1.8	.5	1.7	1.4	1.7	.9	.4																							73	73	64	36			
65	.6	.7	1.6	2.1	1.1	1.2	.4	.4																							66	66	66	60			
63	.9	.9	1.1	1.2	1.1	1.2	.2	.2																							56	56	91	42			
61	.2	.5	1.7	.6	.4	.5	.5																								30	30	93	65			
59	2.1	1.1	.7	.5	1.7	.6	.1																								50	50	94	49			
57	1.3	1.7	.5	.2	.2	.6																									29	29	32	64			
55	.2	.4	.4	.5																											12	12	68	73			
53	.2	.4	.1	.6																											11	12	55	76			
51	.1	.1	.5	.1	.1																										8	8	28	66			
49	.5	.5	.6	.1																											14	14	21	49			
47	.1	.2	.1																												4	4	25	40			
45	.2	.4		.1																											6	6	19	34			
43	.1																														1	1	11	33			
41																																	2	24			
39																															1		1	29			
37																																			14		
35																																			11		
33																																			6		
31																																			3		
29																																			4		
27																																			1		
TOTAL	.2	7.3	17.6	14.7	17.8	17.4	14.7	10.5	4.6	1.5	.6	.1	.1																						811	812	811

Element (X)	Σ X'	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3294696	50060	61.7	15.896	811							
Dry Bulb	3978199	55941	68.9	8.180	812			60.0	32.3	7.6		93
Wet Bulb	300778	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

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

74586 SALINA MAP KS 73-81 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2100
 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														
79			.1		.1	.1												3	3																
77			.2	.9	.1	.2												12	12																
75		.1	.7	.6	.7	.2												20	20		1														
73			1.4	1.5		.7	.1	.1										31	32		6														
71			2.4	1.5	.6	.2	.1		.1									36	36		13														
69		.9	3.9	1.4	.7	.2	.2											59	59		27														
67		1.4	3.2	.6	1.6	.6	.1											61	61		42														
65		1.7	2.6	2.5	2.1	.6	.1											78	78		57														
63		1.7	2.1	3.7	2.7	.7	.1											78	79		66														
61	.2	2.7	3.9	2.1	2.4	.4	.1											95	95		52														
59	.2	2.2	2.5	3.7	.9	.7												77	77		32														
57	.2	1.6	2.9	1.5	1.6	.1												64	64		93														
55	.1	2.1	2.2	1.6	1.1	.2	.1											61	61		56														
53		1.1	1.6	.9	.1	.1												31	31		74														
51		1.7	1.1	1.7	.5	.2												31	31		50														
49	.1	1.0	.7	1.1	.2													26	26		50														
47		.9	1.2	.5														21	21		77														
45		.2	.9	.2														11	11		20														
43		.1	.2	.1														4	4		31														
41		.2	.2															4	4		9														
39																					4														
37																					3														
35																																			
33																																			
31																																			
29																																			
TOTAL	1.7	19.2	34.0	23.8	14.9	5.7	1.1	.1	.1									603	834		803														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	468	176	60	568	75.4	11.8	0.2					
Dry Bulb	3124	826	49	758	61.9	7.5	1.9	804	25.8	7.8		93
Wet Bulb	2672	42	45	948	57.2	7.3	43	803	10.3	.8		93
Dew Point	2379	009	43	167	53.8	8.5	39	803	.8	5.4	.3	93

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

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL METEOROLOGY
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 724536 SALINA MAP KS STATION NAME 73-81 YEARS MONTH MAY
 PAGE 1 ALL HOURS (L.S.Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
91											.1	.0	.0																			17	17			
89											.1	.1	.0	.0	.0																	20	22			
87								.0	.1	.2	.0	.0	.0	.0	.0																	32	32			
85							.2	.1	.2	.1	.0	.0	.0	.1																		52	52			
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			
77		.1	.2	.7	.8	.6	.7	.5	.2	.2	.2	.0																				267	262		7	
75		.1	.3	.6	1.1	.6	.7	1.1	.4	.1	.0	.0																				318	319	54	3	
73		.1	.6	1.0	.6	.6	1.0	.5	.5	.3	.1																					323	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	
67		.8	1.6	.7	1.0	.9	.8	.3	.2	.1																						405	405	368	198	
65		1.5	1.7	1.4	1.2	.6	.5	.2	.2																							471	472	411	314	
63	.1	2.1	1.1	1.3	.9	.6	.4	.3	.1																							432	433	545	401	
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	
55	.2	2.4	1.5	.9	.7	.2	.0																									385	385	575	473	
53	.1	1.7	1.5	.7	.3	.1	.0																									285	288	461	562	
51	.1	1.6	1.0	.4	.3	.1																										232	234	393	531	
49	.2	1.2	.9	.5	.1	.0																										189	189	363	461	
47	.1	1.2	.8	.3	.0																											152	153	277	408	
45	.1	1.3	.8	.2	.1																											157	157	232	323	
43	.0	.8	.4	.0																												82	82	171	301	
41	.6	.2	.1																													56	56	125	253	
39	.1	.5	.1																													37	37	70	241	
37	.1	.1	.1																													15	15	43	150	
35	.1	.1	.0																													12	12	18	110	
33	.1	.1																														3	3	12	72	
31	.0																															1	1	2	51	
29	.0																															1	1	1	35	
27																																			1	5
25																																			1	1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS U.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 / 23																					2
6 / 31																					1
TOTAL	1.722	.627	.213	.811	.692	.92	3.3	6.1	3.9	1.5	.6	.7	.1					6418	6428	6418	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	33382337	449379	69.9	17.906	6418	= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	27126094	411923	64.1	10.593	6428		.2	312.6	171.2	53.7		744
Wet Bulb	21789258	377136	57.7	8.738	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-79.81 JUN
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
57 85							.1	.1	.1																								3	3				
57 83							.3	.1		.3					.1																			6	6			
57 81					.3	.6	1.6	.9	.3																									25	25			
57 79			.7	.6	1.7	2.1	.1			.1																								38	38			
57 77			1.7	2.3	.6	.7			.1	.1																								34	34			
56 75		.1	1.3	2.1	1.9	.4	.4	.3																										46	46	10	2	
54 73		1.7	2.3	2.7	.4	1.7	.3	.1																										55	55	32	10	
54 71		2.4	3.2	2.3	1.4	1.7	.4			.1																								76	76	60	16	
54 69	.3	3.3	3.4	1.4	1.3	.4																												71	71	86	69	
54 67	.3	4.2	1.3	1.6	.9	.1																												58	58	83	60	
64 65	.1	3.3	2.7	1.4	.4			.1	.1																									53	53	73	77	
44 63	.1	3.7	2.3	1.1	.1	.4																												50	50	75	77	
54 61	.3	4.7	1.6	1.0	.7	.3																												55	55	59	60	
54 59	.3	3.7	1.6	1.6	.1																													51	51	57	53	
54 57	.1	1.4	2.3	.3	.1																													30	30	52	68	
54 55	.1	1.3	1.1	.3																														20	20	32	52	
44 53		1.3	.4	.4																														15	15	41	30	
44 51		1.1																																8	8	23	40	
54 49		.6																																4	4	11	37	
44 47																																					4	13
44 45																																					7	
44 43																																					5	
42 41																																					2	
T T S L		1.7	31.5	24.5	18.8	10.3	8.6	2.6	1.1	.7					.1																				698	698	698	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4439974	54958	78.7	12.720	698	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3282564	47577	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

774506 SALINA MAP KS 73-81 JUN MONTH

PAGE 1 0300-2500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77 / 73			.1	.1	.6	.6	.7											1	1																
77 / 77		.6	.3	1.1	2.5	.7	.3											12	12																
77 / 75			2.2	1.3	.8	.8												39	39																
77 / 73		.6	2.5	2.4	1.1	.1	.3											41	41	5	2														
77 / 71	.1	3.0	3.2	1.2	1.4	.1	.4											50	50	15	3														
77 / 69	.3	5.0	3.2	1.2	.1	.4	.1											66	66	37	22														
77 / 67	.3	5.5	2.1	2.2	.6	.3												75	75	86	43														
67 / 65	.6	4.0	.7	1.4	.6													79	79	82	64														
67 / 63	.1	5.9	2.5	.4	.1	.4												52	52	93	62														
67 / 61	.4	4.1	1.5	.6		.1												69	69	72	77														
67 / 59		4.6	.8	1.2	.3	.1												51	51	69	67														
67 / 57	.4	2.2	1.7	.7	.1	.1												51	52	56	53														
57 / 55	.6	3.3	1.7															38	39	54	67														
47 / 53		1.7	.6															40	40	35	42														
47 / 51		2.2	.6	.3														16	16	41	40														
47 / 49	.3	1.4																22	22	27	30														
47 / 47	.1	1.1																12	12	27	41														
47 / 45																		9	9	16	27														
47 / 43																				6	13														
47 / 41																					8														
47 / 39																					3														
47 / 37																					1														
TOTAL		7.245	2.23	1.14	.9	4.2	3.9	1.5											723	725	723														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5788378	63102	83.11	1.295	723	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3165454	47597	65.6	7.578	725			45.1	17.8	.6		90
Wet Bulb	2835574	45118	62.3	6.702	723			28.3	2.5			90
Dew Point	2656269	43523	60.2	7.099	723			18.9	.6			90

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC AIR 24

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 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)																															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														
89																	.1														1	1			
85																	.1														2	2			
83					.3			.4	.1	.1																				7	7				
81			.1		.3	.4	.9	.1								.1														15	15				
79			.1	.1	.9	.6	.8	.1																					20	20					
77		.1	.4	1.8	2.3	.6	.5			.1																			46	46	3				
75			.8	2.8	1.5	.6	1.1	.3	.3	.1	.1																	65	65	3	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				
65	.5	3.6	2.3	1.5	.8																							69	69	97	99				
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				
55	.1	1.4	1.4	.1	.3																							26	26	34	43				
53		.6	.6																									10	10	37	59				
51		1.1		.1																								10	10	22	32				
49	.1	.3																										3	3	16	34				
47		.3																										2	2	4	25				
45																															2	9			
43																																5			
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					

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3734778	54292	78.4	13.288	798			55.5	24.4	3.2		90
Wet Bulb	3238220	50606	63.4	6.031	798			31.6	3.3			90
Dew Point	2974338	48422	60.7	6.733	798			20.1	.7			90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS STATION NAME

73-81 YEARS

JUN 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																
1- / 13																	.1	1	1																		
1-2 / 17																	.1	1	1																		
1-5 / 99																.1	1	1																			
1-8 / 97												.1	.1			.1	3	3																			
1-8 / 95									.3	.1		.3			.1		6	6																			
1-14 / 93									.1		.4	.1					5	5																			
1-17 / 91							.3	.1	.5	.4	.4				.1		16	16																			
1-17 / 89						.1	.1	.9	.8	.9	.3			.1			24	24																			
1-8 / 87						.1	1.4	1.0	.3	.3	.5				.1		29	29																			
1-6 / 85						1.5	1.9	2.2	.9	.6	.1	.1	.3				60	60																			
1-14 / 83						.3	2.4	2.4	.9	.8	.5	.1					58	58																			
1-17 / 81						2.2	2.5	2.4	.6	.9	.8	.4					77	77	1																		
1-17 / 79			.1	1.0	1.5	2.4	1.7	1.3	1.0	.8							77	77	4																		
1-7 / 77			.3	1.8	2.7	1.7	1.1	1.3	.8		.1						76	76	8	1																	
1-6 / 75			1.7	2.2	1.3	2.0	1.1	1.3	.6	.1	.1						77	77	45	3																	
1-14 / 73		.3	.8	2.4	2.7	1.4	.6	1.1	.3								70	70	179	10																	
1-17 / 71		.8	1.4	1.9	.9	.8	1.3	.3		.3							59	59	104	43																	
1-17 / 69		1.1	1.7	.4	1.1	.8	.1	.5									40	40	96	84																	
1-17 / 67		.1	1.4	1.7	.5	.5	.8	.3									36	36	105	101																	
1-6 / 65		.6	.6	.4	.4	.3	.4										21	22	84	90																	
1-4 / 63		.6	.4	.8	.6	.3											21	21	71	87																	
1-17 / 61		.8	.1	.6	.1	.1											14	14	58	77																	
1-17 / 59	.1	.3	.5	.3	.1												10	10	40	49																	
1-8 / 57		.3	.3														4	4	25	52																	
1-5 / 55																			22	41																	
1-4 / 53																			13	50																	
1-2 / 51																			1	38																	
1-5 / 49																				24																	
1-17 / 47																				13																	
1-14 / 45																				12																	
1-14 / 43																				4																	
1-2 / 41																				3																	
1-4 / 39																				3																	
1-3 / 37																				1																	
Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb
112/111																	.1	1	1	
111/107																	.4	3	3	
110/105																	.1	1	1	
109/103																.1	.4	4	4	
108/101										.1	.1			.3				4	4	
107/99									.3	.4	.1	.5	.5	.1	.1			16	16	
106/97								.1	.1	.5	.8	.8	.1	.1				20	20	
105/95								1.1	1.0	1.5	.1	.6	.1					36	36	
104/93								.8	.8	1.9	.3	.4	.3					34	34	
103/91							.3	2.3	2.2	1.1	1.7	.1						55	55	
102/89								1.1	1.4	1.0	1.3	.5	.4	.3				47	47	
101/87					.1	2.2	2.8	2.3	.6	1.3	.5	.3	.1					80	80	
100/95				.1		2.3	1.3	1.1	1.5	1.3	.8	.4	.4					72	72	
99/83				.6	1.8	1.5	2.0	1.0	.8	1.0	.6	.1	.1					75	75	
98/81				.3	1.9	1.1	1.5	1.1	1.3	1.5	.4	.1	.3					75	75	4
97/79			.1	.6	1.0	1.7	.9	.6	2.0	1.3	.3	.1						68	68	10
96/77			.4	.4	1.4	1.0	1.9	.5	.9	.3	.4							56	56	29
95/75			.1	.1	1.1	1.3		1.1	1.0	.3	.3							42	42	106
94/73			.5	.4	.1	.5	.8	.4	.5		.1							26	26	143
93/71			.4	.5	.4	.1	.6	.1	.1									18	18	82
92/69		.1	.5	.4	.3		.1	.3	.3									15	17	95
91/67		.4	.5	.1	.5	.4	.1											16	16	85
90/65		.1			.1													2	2	65
89/63		.3		.4	.5													9	9	65
88/61		.3	.3															4	4	37
87/59		.3	.3															4	4	27
86/57		.4																3	3	26
85/55																				10
84/53																				2
83/51																				
82/49																				
81/47																				
80/45																				
79/43																				
Element (X)	ΣX'	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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 STATION SALINA MAP KS STATION NAME 73-91 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																	
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	1.0																			786		
																																				786	
Element (X)	Z _x '	Z _x	X	e _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	2583798	38622	49.1	15.393	786	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																										
Dry Bulb	5589189	66017	83.8	8.616	786			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																									

FORM 0-26-S (O-L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 JUN
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														
112/111																	.4	3	3																
111/109																	.4	3	3																
110/105												.3					.4	5	5																
109/103											.1	.1	.4	.1	.5	.3	.4	12	12																
108/101										.1	.4	.3	.5	.3	.5	.1	.4	17	17																
107/99										.5	.4	1.0	.6	.5	.9	.4	.4	34	34																
106/97									.4	.1	.8	2.1	.6	.5	.1		.4	23	33																
105/95									.4	1.4	1.6	1.1	.5	.1			.4	41	41																
104/93								.6	.8	1.6	.9	.6	.5	.3	.3		.4	39	39																
103/91							.4	2.4	2.8	1.5	.9	1.4	.5	.4			.4	44	44																
102/89						.1	1.4	.9	1.5	1.1	1.5	1.1	.3				.4	81	81																
101/87					.3	1.9	1.2	1.1	1.3	.4	1.4	1.5	.1				.4	63	63																
100/85				.5	2.1	.9	1.8	.5	1.6	1.4	.6						.4	71	71																
99/83				.1	.8	1.1	.9	1.9	1.1	1.5	.4	.4	.3				.4	75	75																
98/81				.1	.8	1.1	.9	1.9	1.1	1.5	.4	.4	.3				.4	67	67	5															
97/79				1.1	1.5	1.6	.9	1.6	1.1	1.4	.9	.4					.4	84	84	14															
96/77				.4	.3	.3	.6	.1	.5	.4	.8						.4	26	26	37															
95/75		.1		.3	.6	1.0	.5	.3	.6	.4	.8						.4	30	30	114															
94/73			.4		.1	.3	.1	.4	.1	.1							.4	12	12	148															
93/71		.1		.4	.3	.1		.8	.1								.4	14	14	96															
92/69			.1		.1		.3										.4	4	4	90															
91/67		.1	.1	.1	.1	.6	.1										.4	10	10	76															
90/65		.6	.1	.1		.1											.4	8	8	82															
89/63		.3		.1													.4	3	3	51															
88/61		.4	.1	.3													.4	6	6	31															
87/59	.1	.4															.4	4	4	27															
86/57		.4															.4	3	3	25															
85/55																	.4			5															
84/53																	.4			1															
83/51																	.4																		
82/49																	.4																		
81/47																	.4																		
80/45																	.4																		
79/43																	.4																		

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

STATION 774586 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			TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																			
-2 / 41																																							2	
4 / 35																																								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		792																

Element (X)	Z _X ¹	Z _X	X	* _X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1537941	35949	45.4	16.146	792	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5937686	68192	86.1	9.154	792			87.3	84.1	72.0	21.3	90
Wet Bulb	3882272	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 SALINA MAP KS 73-81 YEARS JUN MONTH
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
11 / 19																	.1	1	1																
11 / 17																	.1	1	1																
11 / 15																	.1	1	1																
11 / 13												.1				.1	.1	3	3																
12 / 11										.1	.1				.1	.3	.1	6	6																
12 / 9										.3			.1	.1	.1	.3	.3	9	9																
12 / 97										.4	.5	.5	.5	.5	.1	.3		22	22																
12 / 95									.3	.3	.1	1.1	.5		.1			19	19																
12 / 93								.3	.6	.1	.9	.4	.3	.1		.1		22	22																
12 / 91								.3	1.0	1.3	1.4	.3	.4	.3				38	38																
12 / 89						.8	.9	1.0	1.0	.6	.4	.4	.1					41	41																
12 / 87					.6	1.5	2.1	2.5	.8	.9	.4	.1						71	71																
12 / 85				.3	1.3	1.9	2.5	1.3	.6	1.5	.4							76	76																
12 / 83	.1		.1	.5	1.8	1.3	.6	.8	1.0	.8	.3	.1						58	58																
12 / 81			.4	1.0	2.8	1.3	.9	1.0	.8	.3	.3							68	68	7															
12 / 79		.3	.8	2.7	1.9	1.1	1.4	1.0	1.3	.4	.4							83	33	9	1														
12 / 77		.3	.9	2.7	1.1	1.1	1.3	.9	.5	.3								66	66	30	1														
12 / 75		.3	1.3	1.1	1.9	.8	1.1	.6	.5									60	60	66	7														
12 / 73	.3	.5	.5	.8	1.4	.9	.5	.3	.1	.1								42	42	130	21														
12 / 71	.5	.4	.8	.6	.3	.6	.1	.1		.1								28	28	119	50														
12 / 69	.5	.5	.5	.3	.6	.5		.1										24	24	74	77														
12 / 67	1.3	.3	.8	.3	.5	.3												26	26	90	90														
12 / 65	.1	.1	.4	.1														6	6	87	83														
12 / 63	.3	.6	.1	.3														10	10	65	78														
12 / 61	.3	.1																3	3	49	75														
12 / 59	.5	.4	.1															8	8	28	56														
12 / 57	.4																	3	3	29	48														
12 / 55	.1																	1	1	9	38														
12 / 53																				4	59														
12 / 51																					46														
12 / 49																					25														
12 / 47																					17														
12 / 45																					10														
12 / 43																					4														
Element (X)	ΣX ²	ΣX	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISION 10-64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 STATION SALINA MAP KS 73-81 YEARS JUN MONTH
 PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
27 / 41																								4											
28 / 39																								2											
29 / 37																								2											
30 / 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)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2476153	42297	53.1	16.958	796							
Dry Bulb	5376473	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	7.600	796			27.9	3.4	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS

73-81

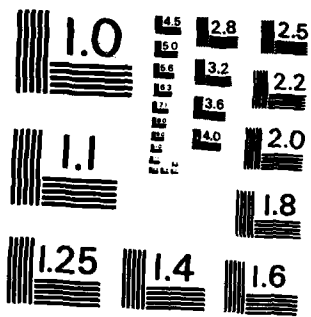
JUN
MONTH

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																					
6 / 97																.1																	1	1								
6 / 95																																			1	1						
7 / 93																																			2	2						
7 / 91																	.7	.1																	5	5						
7 / 89																	.3	.1																	7	7						
6 / 87																	.4	.3	.4	.3															15	15						
6 / 85																	.5	.4	1.1	.5	.3														22	22						
7 / 83																	.9	.7	2.1	.9	.3	.1	.3	.1											42	42						
7 / 81																	.5	1.7	1.3	1.6	.5															43	43					
7 / 79																	.1	1.7	1.7	1.7	.3	.4														45	45	4				
7 / 77																	.1	1.2	2.9	1.3	1.2	.9	.9	.5												68	69	4	1			
6 / 75																		2.1	4.1	1.4	1.8	.7	.5	.1												82	82	26	3			
6 / 73																		.3	.7	3.4	2.8	1.2	1.2	1.2												82	82	74	20			
7 / 71																		1.1	2.7	1.7	2.2	.7	1.4														69	69	92	44		
7 / 69																		.8	1.7	1.2	2.4	1.3	.3														58	58	177	73		
6 / 67																		.3	2.7	2.5	1.6	1.3	1.7	.5													75	75	78	100		
6 / 65																		.3	1.1	1.8	1.2	1.7	.5	.1													51	51	96	79		
4 / 63																		.9	.9	.7	.8	.1															26	26	72	69		
7 / 61																		.3	1.3	.8	1.2	.3															29	29	71	72		
7 / 59																		.7	.4	.8	.1																15	15	56	52		
7 / 57																		.1	.7	.4	.4	.1															13	13	37	72		
5 / 55																			.8	.1																	7	8	34	41		
4 / 53																			.4																		3	3	14	52		
5 / 51																																							3	44		
5 / 49																																							1	27		
4 / 47																																								6		
4 / 45																																								2		
4 / 43																																								1		
2 / 41																																								1		
TOTAL																																							759	761	759	

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	3837244	52776	69.5	14.867	759			72.9	49.	16.4	.5	90
Wet Bulb	4122363	55739	73.2	7.608	759			45.7	12.8	.4		90
Dew Point	2952818	47064	62.7	6.744	759			28.6	2.8			90



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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 YEARS MONTH JUN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
12/111																	.1	4	4																
11/107																	.1	4	4																
10/107																	.1	4	4																
9/105													.0				.1	7	7																
8/103												.0	.0	.0	.1	.1	.1	20	20																
7/101											.0	.1	.0	.1	.0	.1	.0	28	28																
6/99											.0	.1	.2	.2	.1	.2	.1	60	60																
5/97											.1	.2	.5	.2	.0	.1	.1	79	79																
4/95									.1	.2	.3	.6	.2	.2	.1			103	103																
3/93								.0	.3	.3	.6	.2	.2	.1		.0		102	102																
2/91							.1	.2	.6	.7	.5	.3	.1	.1	.0			158	158																
1/89						.0	.2	.7	.8	.6	.4	.3	.2	.1				201	201																
12/87						.1	.9	.9	.9	.4	.6	.3	.1	.0	.0			258	258																
11/85				.0	.1	1.0	.8	1.1	.7	.4	.5	.3	.1					306	306																
10/83		.7		.7	.4	1.2	1.1	.8	.5	.5	.5	.2	.0	.0				320	320																
9/81			.0	.2	1.1	1.4	1.2	.7	.6	.6	.2	.1	.1					370	370	17															
8/79			.2	.9	1.3	1.6	.7	.7	.7	.6	.2	.1						427	427	41															
7/77		.1	.5	1.4	1.6	.9	.8	.5	.5	.1	.2							411	412	111															
6/75		.7	1.1	1.8	1.3	1.3	.5	.6	.4	.2	.0							443	443	375															
5/73	.0	.5	1.6	1.5	.8	.9	.6	.4	.1	.0	.0							397	397	674															
4/71	.0	1.2	1.6	1.5	1.1	.5	.7	.2	.1	.0	.0							425	425	637															
3/69	.1	1.8	1.5	.8	.9	.6	.2	.1	.7									378	380	733															
2/67	.1	2.1	1.6	1.0	.7	.6	.2	.7										390	390	696															
1/65	.2	1.6	.9	.7	.5	.1	.1	.0										262	263	667															
12/63	.1	1.8	1.7	.6	.4	.2	.0											245	245	571															
11/61	.1	1.7	.7	.6	.2	.1												211	211	454															
10/59	.1	1.5	.7	.6	.1	.0												186	187	367															
9/57	.1	.9	.8	.3	.1	.0												131	132	298															
8/55	.1	.8	.5	.0	.7													94	95	181															
7/53	.1	.5	.2	.0														44	44	153															
6/51	.5	.1	.0															40	40	76															
5/49	.7	.3																19	19	55															
4/47	.7	.2																11	11	24															
3/45																				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 AIR 24 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 YEARS JUN
 STATION STATION NAME MONTH
 PAGE 2 ALL
 HOURS 11, 5, 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
4 / 43																						40														
2 / 41																						18														
4 / 39																						16														
3 / 37																						8														
2 / 35																						4														
TOTAL	1.0	15.7	12.9	12.0	10.5	10.5	8.1	6.9	6.1	4.9	4.3	2.8	1.7	1.0	.3	.5	.5		6145			6138														
																			6138			6138														

Element (X)	Σ X'	Σ X	X	C _s	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
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	27342278	407712	66.4	6.512	6138			385.2	142.9	4.3		720
Dew Point	23308019	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

724986 SALINA MAP KS STATION NAME

73-79,81 YEARS

JULI 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																
89											.1						.1															2	2				
87											.1	.1																				4	4				
85					.1	.3	1.4	.1	.3																							16	16				
83				.1	.8	1.4	.3	1.4	1.1	.1																						39	38				
81			.3	.4	1.8	2.6	1.7	2.3	1.1																								74	74			
79			.4	1.5	3.0	3.0	1.8	1.5	.6																								86	86	1		
77		.1	1.4	2.9	4.1	1.0	1.7																										81	81	4	2	
75		.6	1.7	4.1	2.3	.8	.8	.3																									77	77	23	3	
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	
65	.1	1.7	1.7	.1	.4	.3																											31	31	82	92	
63	.1	1.1	1.1	.4																													20	20	59	84	
61		.4	.7		.3																												10	10	31	85	
59		.1			.1																												2	2	18	66	
57					.1																												1	1	12	42	
55																																				1	22
53			.1																														1	1	2	7	
51																																				1	6
49																																				2	2
47																																				2	2
45																																				2	2
43																																				1	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)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3960742	52582	72.4	14.498	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 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774536 SALINA MAP KS 73-81 JUL
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
8 / 87											.3							2	2			
6 / 85								.1	.3	.1								4	4			
4 / 83						.1	.3	.5										7	7			
2 / 81			.1	.1	1.3	.8	.5	.3										28	28			
0 / 79		.1		1.5	2.5	1.2	.7	.7										50	50			
7 / 77		.4	.8	3.2	2.1	2.6	2.2	.4	.1									90	90	2	2	
6 / 75		1.3	3.7	3.4	2.5	1.8	.4	.3	.1									98	98	5	1	
4 / 73		2.2	2.1	4.2	.8	1.1												77	77	66	12	
2 / 71	.3	4.9	4.2	2.1	.5	.7	.1											97	99	89	51	
0 / 69	.8	6.5	4.4	1.5	1.5													110	110	133	122	
6 / 67	.5	3.8	2.6	1.3	.3	.3												67	67	179	120	
6 / 65	.3	3.8	1.6	.8	.7													54	54	102	132	
4 / 63	.4	2.2	1.3	.8	.3													38	38	71	94	
2 / 61	.1	1.8	.5	.1	.1													21	21	50	84	
0 / 59		.7	.3	.1														8	8	31	63	
0 / 57		.1	.1															2	2	18	51	
5 / 55		.3																2	2	6	17	
4 / 53																				3	13	
2 / 51			.4															3	3		10	
5 / 49																					1	2
2 / 47																					2	1
0 / 45																						2
0 / 43																						1
TOTAL	2.4	28.0	21.4	19.3	12.5	8.6	4.2	2.5	.8	.4								758	760		758	

Element (X)	Z ₁ '	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4745123	59797	78.0	3.485	758	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3969114	54754	72.7	5.667	760			77.3	43.6	7.3		93
Wet Bulb	3425872	57854	67.1	4.315	758			58.2	9.0			93
Dew Point	3163803	48825	64.8	4.989	758			35.3	1.8			93

USAFETAC FORM 16-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724546 SALINA MAP KS 73-81 JULI MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
91							.1											1	1																
89							.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												60	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.	20.1	19.7	18.5	15.4	13.6	5.3	3.2	1.8	.4	.5							816	818		816														

Element (X)	$\Sigma X'$	ΣX	ΣX^2	ΣX^3	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4717445	61017	74.8	13.784	816	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4518861	60593	74.1	6.1.6	816			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

USAFETAC FORM 0-26-5 (OLA) AIR 84 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS 73-81 JUL
 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																
1 / 173											.1							1	1																		
2 / 171									.1	.1	.1			.5				7	7																		
3 / 99											.1			.2	.1			4	4																		
4 / 97									.1	.1	.4		.6	.4	.5	.1		18	18																		
5 / 95									.2	.2	.7		.7	.4	.1			20	20																		
6 / 93								.2	.9	1.2	2.3	1.1	.2	.1				50	50																		
7 / 91							.4	1.0	1.5	1.9	.7			.1	.1			46	46																		
8 / 89						.1	.7	2.7	2.2	1.9	1.0	.1	.1					72	72																		
9 / 87				.1	.5	2.8	4.0	2.8	1.0	.4	.5							98	98																		
10 / 85			.1	.5	3.3	2.2	2.3	1.1	.6	.4								86	86																		
11 / 83				.7	1.5	2.7	2.5	2.8	.2	.1	.1							87	88	2																	
12 / 81			.2	1.5	2.3	2.1	2.0	.5	.2	.2	.1							75	75	4																	
13 / 79		.1	.5	2.2	1.4	1.1	.4	.9	.1	.1								55	55	12																	
14 / 77		.1	.7	1.6	1.2	1.4	1.0	.1	.1									51	51	58	9																
15 / 75		.9	.5	1.1	1.5	1.2	.1	.2										45	45	165	11																
16 / 73		.4	1.0	1.1	.4	.7	.1	.1										31	31	212	59																
17 / 71		.4	1.1	.2	.4		.1											18	18	112	93																
18 / 69		.4	1.0	.4														14	14	92	137																
19 / 67		1.1	.6	.5														18	18	58	124																
20 / 65		.4	.6															8	8	52	113																
21 / 63		.4	.1															4	4	27	91																
22 / 61		.2																2	2	15	66																
23 / 59																				1	48																
24 / 57																					28																
25 / 55																					11																
26 / 53																					10																
27 / 51																					8																
28 / 49																					1																
29 / 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				810	810		810															

Element (X)	Z ₁	Z ₂	X	σ _a	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2919408	46898	57.9	15.882	810	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
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

FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS STATION NAME

73-81 YEARS

YEARS

JUL MONTH

PAGE 1 1200-1400 HOURS U.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 / 129														.1			.1	2	2																		
11 / 137													.1			.2	.5	8	8																		
11 / 145												.1	.5	.1	.4	1.3	.7	23	24																		
11 / 153											.5	.2	.2	.1	.7	.2	.1	18	18																		
12 / 161										.2	.2	.7	1.6	.4	.5			30	30																		
10 / 99								.1	.1	.9	1.2	1.7	1.6	1.1				55	55																		
12 / 97								.2	.9	1.2	2.0	2.1	1.8		.4			70	70																		
6 / 95							.2	.7	2.3	1.0	1.3	1.5	.4	.2				79	79																		
6 / 93						.4	.6	1.3	1.3	2.6	2.2	.5	.2	.1				76	76																		
6 / 91						.5	1.3	2.6	1.2	2.2	.5	.1	.2					87	87																		
6 / 89						.2	1.6	2.0	2.1	1.5	1.0							68	68																		
8 / 37						1.5	2.3	1.6	.5	.6	.1	.1						55	55																		
6 / 85			.1	.1	.4	1.8	1.1	1.3	1.3	1.0	.4							62	62	1																	
6 / 83			.5	1.3	1.6	.4	.5	.6	.4	.1								44	44	8																	
7 / 81			.1	.4	.7	.6	.6	.5	.6	.2								31	31	26																	
7 / 79			.6	.4	1.0	.6	.5	.2			.1							28	28	48	1																
7 / 77			.5	.9	.9	.1	.2	.1	.1	.1								24	24	124	18																
76 / 75			.7	.7	.6	.1	.4											21	21	167	29																
4 / 73		.1	.5	.5	.2													11	11	177	59																
7 / 71		.1	.2	.4	.2	.1												9	9	116	89																
7 / 69		.1	.2	.8														6	6	58	102																
6 / 67	.1	.1	.1	.1														4	4	45	87																
6 / 65		.6	.2															7	7	28	103																
4 / 63																					15	108															
2 / 61																				3	86																
7 / 59																				2	55																
5 / 57																					42																
5 / 55																					15																
4 / 53																					7																
2 / 51																					9																
5 / 49																					6																
4 / 47																					1																
42 / 41																					1																

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	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
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586
STATION

SALINA MAP KS
STATION NAME

73-81
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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		819		818
																		818			818

Element (X)	Z ₁ '	Z ₂	I	e ₂	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	97.5	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	66.7	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

704596 SALINA MAP KS 73-81 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
112/111																	.1	1	1																
111/109															.5	.4	.5	11	11																
110/107															.1	.8	1.6	21	21																
109/105											.1	.1	.1	.1	.8	.6	.7	22	22																
108/103										.1	.2	.5	1.0	1.5	1.0	.5		39	39																
107/101								.1	.4		.6	.8	2.3	1.3	.5	.1		51	51																
106/99								.1	.1	.5	1.6	2.4	2.1	1.6	.8			76	76																
105/97								.4	.2	1.2	1.8	3.2	1.9	.4	.4			78	78																
104/95							.2	.6	1.3	1.7	1.7	1.8	.8	.1	.1			70	70																
103/93						.2	.7	1.8	2.4	2.8	2.5	.6		.2				94	94																
102/91						.7	.8	1.7	2.7	1.2	.4	.1						63	63																
101/89					.4	.8	1.3	1.9	.8	.2	.5							50	50																
100/87					.5	1.8	1.0	1.1	.4	1.2	.2	.1	.1					53	53																
99/85				.5	1.8	.6	1.0	.6	.5	.4	.1	.1						46	46	4															
98/83			.2	.7	1.0	.5	.8	.8	.2	.1								37	37	9															
97/81		.2	.2	1.0	.6	.1	.4	.5	.4									28	28	17															
96/79		.1	1.1	.5	1.5	.5	.1	.2	.2									35	35	50	4														
95/77		.2	.7	.5	.2	.2												16	16	139	13														
94/75			.6	.2	.1													8	8	181	22														
93/73	.1	.1	.4	.1														6	6	168	53														
92/71	.2	.5	.5															10	10	111	69														
91/69		.1	.2															3	3	68	98														
90/67	.1	.2																3	3	40	90														
89/65	.1	.4																4	4	23	103														
88/63																				7	105														
87/61																				6	88														
86/59																				2	67														
85/57																					48														
84/55																					20														
83/53																					13														
82/51																					12														
81/49																					7														
80/47																					7														
79/45																					4														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 JUL
STATION STATION NAME YEARS MONTH
 PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
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	525	825	825	825
Element (X)	ΣX^2	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	1741412	35442	43.0	16.296	825	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	93									
Dry Bulb	7134750	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
1 / 107															.1	.1	.4	5	5																
1 / 105													.1		.5	.5	.6	14	14																
1 / 103															.9	.6	.1	13	14																
1 / 101										.1	.1	.5	.9	.9				20	20																
1 / 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																
7 / 91					.1	.1	.4	1.0	1.5	1.8	2.7	1.4	.2	.2	.1			78	78																
7 / 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																
8 / 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															
7 / 81				.2	1.7	1.2	.7	1.0	.5	.4	.1							48	48	10	1														
7 / 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														
7 / 75		.4	.6	1.7	1.1	.2	.4			.1								31	31	157	14														
7 / 73		.2	.9	1.1	.2			.1										21	21	163	42														
7 / 71	.4		.1	.6	.1			.1										11	11	133	89														
7 / 69		.1	.4	.2														6	6	121	54														
6 / 67		.2	.1	.1														4	4	67	111														
6 / 65		.4																3	3	36	87														
6 / 63		.2																2	2	14	88														
6 / 61		.1																1	1	7	98														
4 / 59																					1	79													
5 / 57																					1	41													
5 / 55																					2	27													
4 / 53																						14													
2 / 51																						11													
5 / 49																						9													
4 / 47																						5													
4 / 45																						1													
4 / 43																						1													
4 / 41																						1													
Element (X)	Σ x ²	Σ x	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature					Total																								
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS STATION 73-81

YEARS

JUL
 MONTH

PAGE 1 1800-2000
 HOURS 0-5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																					
TOTAL	4	2	1	2	7	5	3	5	0	3	4	7	3	10	2	10	3	10	0	11	1	5	4	6	9	4	9	4	3	1	7	1	1		14	813	813						
																		013		013																							

Element (X)	$\sum X'$	$\sum X$	\bar{X}	σ_s	No. Obs.	$\leq 0 F$	$\leq 32 F$	Mean No. of Hours with Temperature				Total
								$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	21944	5	39817	49.0	17.347	813						
Dry Bulb	6369774	71676	88.1	8.4	76	814		92.3	89.9	76.0	29.6	93
Wet Bulb	4281179	58899	72.4	4.7	25	813		86.0	49.3	2.5		93
Dew Point	344848	52658	64.8	6.0	98	813		40.0	7.5	0.2		93

USAFETAC FORM 44 JUL 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 SAFETYAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 704586 SALINA MAP KS STATION NAME 73-81 YEARS JUL 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																	
67 / 97											.3			.4	.1																		6	6				
67 / 94											.1	.1	.4	.3	.1	.3																		5	5			
67 / 91											.1	.5	.5	.5	.3																			9	9			
67 / 89									.3	.1	.5	.9	.5	.6																				23	23			
67 / 87						.1	.1	1.8	1.4	1.5	.5	.6																							48	48		
67 / 85				.1	.8	1.4	1.8	2.6	2.4	1.4	.6																								88	88		
67 / 83				.6	1.4	1.5	2.9	2.1	2.1	.6	.5																								94	94		
67 / 81				1.1	1.9	2.5	1.9	2.0	.5	.1																									80	80	1	
67 / 79				.3	2.5	2.8	2.6	1.3	.9	.4	.3																								87	87	9	
67 / 77		.3	1.7	1.8	3.8	1.5	1.1	.5	.1																										80	80	16	4
67 / 75		.4	2.1	2.6	2.0	1.1	.6	.1																											72	72	77	12
67 / 73		.8	2.6	2.3	.8	.8	.3																												59	59	133	36
67 / 71		.9	1.5	1.6	1.3	.4	.3																												47	47	137	59
67 / 69	.4	1.3	2.1	1.1	.5			.1																											44	44	144	117
67 / 67		1.0	1.5	.4	.1																														24	24	142	112
67 / 65		.5	.1	.1	.1																														7	7	62	122
67 / 63		.3	.1				.1																												4	4	50	89
67 / 61		.4				.1																													4	4	15	94
67 / 59																																					6	61
67 / 57																																					1	40
67 / 55																																						23
67 / 53																																					2	13
67 / 51																																					1	9
67 / 49																																						2
67 / 47																																						1
67 / 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	

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature				Total	
Rel. Num.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ F
Dry Bulb	3393569	50395	63.3	15.981	796			91.2	77.8	48.6	93
Wet Bulb	5070952	63312	79.5	6.660	796			77.0	27.6		93
Dew Point	3913927	55725	70.0	4.017	796			39.7	6.1		93
	3394677	51807	65.1	8.368	796						

SAFETYAC FORM 0-26-5 (OLA) 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
PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
12/111																	.0	1	1	
11/109																.1	.1	13	13	
10/177													.0	.0	.0	.1	.3	34	34	
9/105												.0	.0	.1	.0	.2	.3	59	60	
8/173											.1	.1	.1	.1	.4	.2	.1	71	72	
7/181								.0	.1	.1	.1	.3	.7	.3	.1	.0	108	108		
6/99								.0	.0	.2	.4	.6	.6	.5	.2		157	157		
5/97								.1	.2	.5	.7	1.0	.8	.2	.1		225	225		
4/95								.1	.3	.7	.6	.8	.8	.3	.1	.0	234	234		
3/93							.1	.2	.7	.8	1.4	.9	.4	.1	.0		300	300		
2/91					.0	.0	.3	.6	1.0	1.3	.9	.3	.1	.1	.0		293	290		
1/89					.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		
7/85		.0	.0	.3	1.5	1.0	1.2	1.0	.6	.2	.1	.0					384	384	5	
6/83			.3	.9	1.3	1.1	1.4	.8	.2	.1	.0						389	390	22	
5/81		.1	.5	1.6	1.5	1.1	.9	.5	.1	.1							411	411	58 1	
4/79		.0	.2	1.5	2.0	1.9	.8	.6	.2	.0	.1	.0					470	470	145 7	
3/77		.2	.9	1.9	2.1	1.2	1.0	.2	.1	.0	.0						482	482	418 55	
2/75		.5	1.6	2.1	1.6	.9	.4	.1	.0								462	462	792 92	
1/73	.0	.9	1.8	2.0	.6	.6	.1	.0									384	384	1108 293	
12/71	.1	1.7	1.8	1.1	.5	.3	.1		.0								357	359	941 577	
11/69	.3	1.7	1.8	.9	.6	.1	.0		.0								344	344	948 898	
10/67	.1	1.7	1.1	.5	.2	.1											230	231	808 887	
9/65	.1	1.1	.6	.3	.1	.0											148	149	479 897	
8/63	.1	.8	.4	.2	.0	.0	.0										93	93	308 761	
7/61	.0	.5	.2	.0	.0	.0											53	53	169 677	
6/59		.1	.0	.0	.0												15	15	91 498	
5/57		.0	.0	.0	.0												6	6	39 337	
4/55		.0															3	3	14 154	
3/53			.0														1	1	9 86	
2/51			.1														4	4	2 72	
1/49																			3 31	
12/47																			3 18	
11/45																			10	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7245d6 SALINA MAP KS

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																
4/43																																					6
2/41																																					4
4/39																																					1
TOTAL	7.9	31.0	61.1	41.0	61.0	17.9	7.8	7.0	5.5	5.4	3.8	3.3	2.9	1.8	1.1	.8		6369		6362		6362															
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	25684788	383654	60.3	20.018	6362	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	43650834	523046	82.1	10.457	6369			706.2	597.0	414.3	147.6	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	52.8	.4		744																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS STATION NAME

73-81 YEARS

AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7/89									.1	.3								3	3																
6/87									.6	.1								6	6																
6/85						.3	.9	.4	.3									14	14																
7/83				.1	.1	.4	.9	.5	.3	.1								26	26																
7/81				.3	1.0	1.9	2.2	.6	.4	.1	.1	.1						53	53																
7/79			.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														
7/75		.9	1.7	2.6	1.3	1.6	.3	.1										65	65	6	2														
4/73		1.2	3.6	3.2	1.0	.6		.4										79	78	62	12														
7/71		2.7	3.9	2.3	1.4	.4	.3											85	85	121	28														
7/69	.4	4.4	2.6	1.3	1.3	.3	.3	.4										84	84	128	85														
7/67	.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														
7/61	.4	1.7	1.7	.3		.4	.1											30	30	56	72														
7/59	.1	.3	.5		.4													10	10	47	55														
7/57		.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														
5/49																				3	11														
7/47																				1	6														
4/45																					9														
4/43																					6														
2/41																					2														
4/39																					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}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	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) REVER PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 WFAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704286 ALINA MAD KS 73-81 AUG
 STATION STATION NAME YEARS MONTH
 PAGE 1 8300-0500
 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/ 37																	.1															1	1				
6/ 45																	.1															2	2				
7/ 43																	.4	.4	.3	.1												9	9				
7/ 51																	.1	.6	1.0	.4												17	17				
7/ 79																	.6	1.3	2.9	.5	.4											43	43				
7/ 77																	.1	.1	2.4	3.0	1.7	.6										63	63				
6/ 75																	.5	1.7	2.5	1.4	1.5	.8	.4									69	69	1	1		
7/ 73																	1.7	4.3	2.0	1.3	1.1											82	82	21	4		
7/ 71																	3.8	4.3	1.9	1.5	.5	.1										96	96	79	20		
7/ 69																	.1	4.6	2.8	1.0	.4	.3										72	72	149	84		
7/ 67																	.4	5.7	4.1	1.7	1.7	.4	.4									101	101	126	115		
6/ 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		
7/ 61																	.4	3.9	1.3	.6	.5	.1										54	54	70	89		
7/ 59																	.3	.9	1.7	.3	.3	.1										27	27	60	72		
7/ 57																	.3	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		
7/ 51																	.1															1	1	7	20		
5/ 49																	.1		.1													2	2	5	11		
4/ 47																																		6	8		
4/ 45																																		1	5		
4/ 43																																				4	
12/ 41																																				5	
4/ 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					Total	
Rel. Hum.	4988149	61745	72.5	13.529	787	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
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 (OLA) REVISED WITHOUT NOTICE OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS STATION NAME

73-81 YEARS

AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
85							.1	.5	.2		.2	.1						10	10																
83							.4	.6		.1								9	9																
81					.6	.7	.6	.2	.2	.1								21	21																
79			.1	.1	2.0	3.1	.6	.5	.1									53	53																
77		.1	.7	2.3	2.8	1.7	.6	.1										69	69																
75			2.0	2.9	1.8	1.5	.6	.1										73	73	4															
73		2.7	3.8	3.3	1.0	.7	.2											90	90	31	6														
71		3.8	3.4	2.7	1.2	1.1	.2											96	96	88	18														
69		5.0	3.6	1.8	1.1	.6		.2										101	101	147	96														
67	.4	5.0	3.1	2.0	.5	.1												90	91	148	127														
65	.6	3.1	2.0	1.3	.5	.5	.2											67	67	108	130														
63	.1	2.5	1.1	.5	.2	.1												37	37	93	97														
61	.2	2.8	1.5	.7														43	43	63	105														
59	.1	1.3	.7	.1	.1	.1												21	21	48	56														
57	.2	1.6	.6	.2	.2													24	24	37	63														
55	.1	.4		.1	.1													6	6	28	42														
53				.4														3	3	7	27														
51		.1																1	1	6	24														
49				.1														1	1	2	4														
47																				4	4														
45																					9														
43																				1	4														
41																					2														
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)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 53 F$	$\leq 60 F$	$\leq 93 F$	
Rel. Hum.	5040929	63109	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	5.793	815			47.7	4.0			93
Dew Point	3242365	51187	62.8	5.813	815			28.2	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704546 SALINA MAP KS

73-81

AUG
 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. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point														
10/99																	.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		59	58									
3/85																	3.7	1.2	1.8	1.1	.2	.4	.1		73	73									
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								
12/79																	.1	2.2	2.7	2.9	.9	1.1	.4	.1	.2	80	80	3							
11/77																	.1	2.6	2.3	.9	1.5	.4	.2	.1	.1	72	72	24							
10/75																	2.1	3.1	2.7	1.3	1.5	.4	.2	.2		86	86	100	6						
9/73																	.7	1.3	2.0	1.3	.7	.7	.2	.2		60	61	150	27						
8/71																	1.0	1.1	1.3	1.1	.5	.2	.1			44	44	119	95						
7/69																	1.2	1.7	.7	.7	.2	.2	.1			35	35	134	110						
6/67																	.2	1.2	.1	.4	.1	.1				18	18	102	117						
5/65																	.5	.1	.4	.5	.1					13	13	69	109						
4/63																	.1	.5	.2	.1						8	8	56	94						
3/61																	.2	.1	.1							4	4	23	81						
2/59																	.1									1	1	16	53						
1/57																	.1									1	1	17	35						
12/55																													3	35					
11/53																														17					
10/51																														14					
9/49																														7					
8/47																														6					
7/45																														6					
6/43																														3					
5/41																														1					
TOTAL		.1	4.8	8.0	14.0	14.0	11.6	4.1	2.9	10.9	7.2	4.5	4.2	1.7	.6	.4				.1	.1					817	817	816	816						

Element (X)	Z _g '	Z _g	X̄	σ _a	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3268735	50083	61.4	15.4	816	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	5258777	65287	79.9	7.1	816			89.9	78.9	48.4	2.6	93
Wet Bulb	3995190	56972	69.8	4.6	816			72.0	31.6	.1		93
Dew Point	3430770	52678	64.6	6.0	816			40.5	3.8			93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 AUG
 STATION STATION NAME YEARS MONTH
 PAGE 1 1220-1920
 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 / 17															.1		.1	2	2																
2 / 13													.1	.1	.1		.2	5	5																
2 / 11												.1	.2	.1	.5	.2	.1	11	11																
3 / 29											.1	1.0	.4	.6		.2		19	19																
4 / 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																
7 / 91						.1	.5	.9	1.4	1.0	2.0	.4	.5	.2				56	56																
7 / 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															
7 / 81			.1	.1	.7	1.5	1.0	1.2	1.1	.7								53	53	5	1														
7 / 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														
8 / 75	.1	.5	.4	.6	1.2	.1		.1	.2									27	27	136	14														
4 / 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														
6 / 65	.1	.1																2	2	58	67														
4 / 63	.2																	2	2	25	100														
2 / 61	.2	.2	.2															6	6	15	90														
7 / 59	.2	.1																3	3	9	53														
4 / 57																				9	39														
5 / 55																					34														
4 / 53																					31														
2 / 51																					10														
5 / 49																					8														
4 / 47																					7														
4 / 45																					7														
4 / 43																					5														
7 / 35																					1														
Element (X)	ΣX^2	ΣX	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 YEARS AUG MONTH

PAGE 2 1270-1400
 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														
TOTAL	2.5	3.1	2.9	6.7	11.2	11.1	11.4	10.1	11.8	9.6	9.7	5.2	3.3	1.2	.7	.5	814		815		814		814												

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2220274	40526	49.8	15.785	814							
Dry Bulb	6170848	70594	86.6	8.352	815			91.5	87.9	75.5	25.7	93
Wet Bulb	4211473	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 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74566 SALINA MAP KS 73-81 AUG
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 177																		.4	3	3															
1 / 175																.2	.4	.5	9	9															
1 / 173													.1	.1		.2	.2	.2	9	9															
1 / 171											.4	.1	.4	.6	.6	.6	.2	.2	24	24															
1 / 169										.5	1.7	1.0	1.8	.9	.1	.2		.2	51	51															
5 / 197									.1	.9	2.7	3.2	1.5	.5	.4				75	78															
5 / 195								.4	.9	2.8	2.0	1.1	.1	.9					66	66															
5 / 193								1.4	1.2	1.6	1.7	.1	.2	.2	.4				56	56															
5 / 191							.5	1.0	2.0	1.1	2.0	1.1	.6	.4					70	70															
5 / 189						.2	1.0	2.6	1.2	1.4	2.1	.9	.1	.2					79	79															
5 / 187						.6	1.8	2.1	1.1	1.4	.9	.9	.1	.2					74	74															
6 / 185					.4	1.4	1.7	1.1	1.0	1.0	.6	.2	.1						61	62															
6 / 183			.1		.5	1.1	1.2	1.4	1.4	1.5	.4	.2							63	63															
6 / 181				.2	.7	1.1	.7	.9	.6	.6	.1								41	41	6														
6 / 179				.1	.1	1.5	.6	1.2	.2	.2									33	33	34														
7 / 177			.1	.5	.6	.1	.6	.4			.4								22	22	79	1													
7 / 175				.4	.5	.4	.1	.5											15	15	145	11													
7 / 173	.1	.1	.5	.9	.6		.4												21	21	155	39													
7 / 171		.1	.7	.1	.6														13	13	115	59													
7 / 169		.1	.4	.1															5	5	80	82													
6 / 167	.1	.1	.4																5	5	87	110													
6 / 165		.5																	4	4	52	88													
4 / 163		.2	.2																4	4	35	96													
7 / 161	.1	.1	.4																5	6	11	90													
6 / 159		.2	.1																3	3	5	54													
6 / 157																					7	53													
5 / 155																						48													
4 / 153																						28													
5 / 151																						18													
5 / 149																						10													
6 / 147																						9													
4 / 145																						6													
4 / 143																						5													
2 / 141																						4													

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

Element (X)	Z ₁ '	Z ₂	X	e _s	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS STATION NAME

73-81 YEARS

AUG MONTH

PAGE ? 1500-1700 HOURS . . . S. T.

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

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

Element (X)	Σ X ²	Σ X	X̄	σ _n	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	1927769	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	71.0	4.576	811			80.4	48.0	1.4		93
Dew Point	3298329	51437	63.4	6.665	811			34.6	5.8			93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 1800-2000
 HOURS L. S. T. I

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 / 175																	.1	1	1																
1 / 173													.2				.2	6	6																
1 2 / 171												.2						2	2																
1 6 / 99												.2	.4	.4		.1		9	9																
6 / 97												.9	.5	1.1	.1	.2		26	26																
6 / 95											.6	1.6	1.6	.6	.1			42	42																
4 / 93								.1	.7	1.1	1.2	1.1	.5	.5	.1	.1		45	45																
1 / 91					.1		.1	.6	1.0	2.4	1.6	1.0	.4	.4	.1			62	62																
1 / 89					.1	.4	.5	1.4	1.1	1.2	1.9	1.0	.1	.1				63	63																
1 8 / 87					.1	.9	2.0	1.4	2.4	1.5	.7	.1	.2					75	75																
6 / 85				.1	.5	1.6	1.2	1.2	1.2	.6	.7	.2						61	61																
4 / 83				.2	1.2	2.0	1.5	1.6	.9	.5	.5	.2						70	70	1															
1 / 81			.1	.2	.6	1.7	1.9	1.1	1.6	.7	.1	.1						67	67	1	1														
1 / 79			.1	1.0	2.4	2.0	.7	1.1	1.1	.2	.1							71	71	14	1														
7 / 77			.4	.6	1.5	1.0	1.2	.6	.4	.2	.1							49	49	44	3														
7 6 / 75			.6	1.7	.7	1.1	1.0	.7	.2	.1								51	51	112	9														
7 4 / 73		.4	1.1	1.0	.5	1.1	.4											36	36	143	30														
7 / 71	.1	.5	.7	.1	.4	.7		.1	.1									23	23	115	57														
7 / 69	.1	1.2	.4	.1	.4	.1												19	19	130	90														
6 / 67	.1	.1	.6	.4	.4													13	13	93	120														
6 / 65		.5	.1	.1														6	6	54	93														
4 / 63		.1	.2															3	3	63	77														
1 / 61		.5																4	4	17	87														
1 / 59		.1	.1	.1														3	3	15	63														
1 / 57		.1																1	1	3	50														
5 6 / 55																				3	55														
4 / 53																					27														
2 / 51																					19														
1 / 49																					10														
4 9 / 47																					6														
4 8 / 45																					7														
4 4 / 43																					2														
4 2 / 41																					1														

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

724586 STATION SALINA MAP KS STATION NAME 73-81 YEARS AUG MONTH 1800-2000 HOURS (L.S.T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
TOTAL	0.4	3.6	4.6	5.8	8.9	12.6	10.5	10.0	10.8	9.3	9.0	6.8	7.0	3.1	0.6	0.6	0.4	808	808	808	808																	

Element (X)	Z _X '	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2521946	42794	53.0	17.081	808							
Dry Bulb	5752718	67838	84.0	8.366	808			91.0	84.7	64.9	15.1	93
Wet Bulb	4036427	56985	77.5	4.657	808			75.2	36.3	0.6		93
Dew Point	3297853	51357	63.6	6.450	808			35.8	5.1	0.2		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

724586 SALINA MAP KS

73-81

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																					
67 95																		.1															3	3								
67 93																			.1															1	1							
67 91																			.9	.4														17	17							
67 89																			.1	1.0	.2	.1												16	16							
67 87							.1			.6	.6	1.6	.1	.2		.1																		28	28							
67 85					.2			1.1	.7	2.9	.9	.7	.5	.1																					58	58						
67 83				.1	1.1	2.1	2.7	1.7	.6	.4	.1																									66	66					
67 81		.1		.4	2.9	1.7	1.5	1.1	.5	.4																										69	69					
67 79		.9	2.0	1.2	2.2	.6	.7	.1	.1																											64	64	4				
67 77		.1	1.2	3.1	2.7	1.6	1.2	.5	.7																											85	85	4	3			
67 75		.1	2.2	3.0	1.6	1.6	.5	.4	.1																											75	75	42	7			
67 73		.5	3.7	2.1	1.4	2.1	.7	.7	.6																											96	96	129	21			
67 71		2.0	3.5	1.2	1.5	.6	.7	.1																												70	70	120	64			
67 69		1.7	1.7	1.7	1.7	.7	.5	.5																												64	64	135	99			
67 67	.2	1.3	1.0	.6	.7	.2	.1	.1																												37	38	108	119			
67 65	.1	1.1	.4	1.5	.7	.2	.1																													34	34	76	98			
67 63		.9	.2	.4				.1																												13	13	65	87			
67 61		.6	.1	.1																																7	7	52	80			
67 59	.2	.1	.2																																	5	5	41	53			
67 57		.5																																		4	4	14	59			
67 55																																						10	36			
67 53																																							4	35		
67 51																																							1	19		
67 49																																							6	8		
67 47																																								7	7	
67 45																																								2	2	
67 43																																									1	1
67 41																																									1	1
67 39																																									1	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			

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature				Total		
						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	3734938	53284	66.2	16.085	805							
Dry Bulb	4764456	61712	76.6	6.999	805			85.7	65.9	33.7	.5	93
Wet Bulb	3763537	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74836 SALINA MAP KS 73-81 AUG MONTH
 STATION STATION NAME YEARS
 PAGE 2 ALL HOURS U.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. Wet Bulb	Dew Point															
7 / 7																																		
7 / 35																																		
TOTAL	912	212	411	411	011	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					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	27948430	474889	63.0	19.491	6427							744
Dry Bulb	47528317	576575	78.7	10.143	6437			661.1	525.2	334.8	78.5	744
Wet Bulb	37543317	441643	68.7	5.509	6427			517.3	200.4	4.2		744
Dew Point	26157117	478001	63.5	6.315	6427			272.6	28.7	.6		744

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP, KS 73-81 YEARS SEP

PAGE 1 0000-0200
 HOURS U.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																		
37-35									.1																								1	1					
47-37									.4	.1																							4	4					
57-81						.4	.9	.1																									11	11					
67-79				.1	1.1	1.1	1.0	.4																									32	32					
77-77				.5	1.0	1.3	.9																											28	28				
87-75			.3	1.7	.9	.8	.9	.1	.1																									37	37				
94-73			1.5	2.3	.4	.8		.4																										42	42	7			
107-71		1.3	1.5	1.3	.9	.4	.3																											44	44	25	3		
117-69	.3	2.2	1.1	2.3	1.7	.5																												58	59	72	27		
127-67	.1	2.0	2.7	1.4	.6	.4	.1																											58	58	56	63		
136-65	.4	2.3	1.1	1.3	1.3	.6	.1																											56	57	68	50		
147-63	.9	2.4	1.3	1.1	.8	1.0																												59	59	76	72		
157-61	.3	2.3	2.0	1.7	1.7	.6																												57	57	46	68		
167-59	.6	3.1	1.8	1.0	.6	.3		.1																										59	59	69	55		
177-57	.4	2.6	1.9	1.3	1.3	.6		.1																										64	64	54	69		
187-55	.1	2.0	1.8	.9	.5	.3	.1																											45	45	52	57		
197-53	.3	1.0	1.4	.8	.3																													29	29	66	45		
207-51	.1	1.5	.6	.4	.3	.1																												24	24	40	43		
217-49		1.3	.6	.3																														17	17	35	47		
227-47		2.0	.3	.8																														24	24	33	36		
237-45		1.3	1.0	.1																														17	17	24	45		
247-43		.3	.6	.1																														8	8	18	21		
257-41	.1	.4	.3																															6	6	20	28		
267-39	.1	.3	.3																															3	3	3	19		
277-37	.1	.1																																2	2	6	16		
287-35																																					1	8	
297-33																																						4	
307-31																																						5	
317-27																																						2	
TOTAL	3.3	27.8	22.2	19.6	12.0	9.3	4.5	1.8	.4																										785		783		
																																				783		783	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.					783	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	3245175	49917	63.6	9.518	783			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 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL 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		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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					.4	.3	.1			.1	.3							9	9																
77				.8	.6	.4												14	14																
75				1.2	1.4	.4												22	22																
73			1.5	1.6	.8	.4	.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	53	52														
65	.5	2.7	1.1	1.4	.6	.4	.1											53	53	53	59														
63	1.3	2.3	3.0	1.0	.5	.3												66	66	55	64														
61	.6	2.5	1.4	1.0	.8	.1												51	51	68	56														
59	1.1	3.6	1.0	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	1.0	1.0	.3	.1												50	50	55	61														
53	.1	2.9	1.4	1.3	.7													47	47	65	47														
51	.3	1.4	1.6	.3		.3												30	30	45	52														
49	.4	1.9	1.0	.3		.1												29	29	44	50														
47	.4	1.1	.6		.1													18	18	16	54														
45		2.2	1.1	.5														30	30	25	26														
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														
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)	$\Sigma x'$	Σx	\bar{x}	s_n	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5270142	53664	87.8	12.684	788	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2999373	48071	60.9	9.464	788			28.5	9.6	.5		90
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 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS 73-81 YEARS SEP MONTH

PAGE 1 2600-3800 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. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point								
7 / 73					.1		.3																			3	3								
7 / 77		.1	.1	.9	.5	.4	.3																			19	19								
6 / 75		.1	.4	1.3	.5	.3																				27	27	1							
4 / 73			1.8	.9	.9	.9																				34	34	2	3						
7 / 71		1.7	2.3	1.3	.8	.4	.1																			51	51	20							
7 / 69	.1	1.9	2.3	.9	.9	.1	.1																			50	50	44	26						
7 / 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 / 62	1.1	2.9	1.9	1.7	.5	.5	.4																			66	66	65	54						
7 / 61	.9	2.9	1.8	1.1	.9																					60	60	67	50						
7 / 59	.4	3.4	1.3	1.7	.6	.1																				59	59	63	66						
7 / 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 / 52	.1	1.9	1.4	1.4																						38	38	54	43						
7 / 51		2.3	1.3	.6	.1	.1																				35	35	44	38						
5 / 49	.3	1.3	1.4		.4																					26	26	44	36						
7 / 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	30						
4 / 39	.3	1.7																								10	10	19	22						
7 / 37		.1	.1																							2	2	8	17						
7 / 35	.3	.3																								4	4	4	11						
3 / 33																													3						
2 / 31																													6						
7 / 29																													1						
7 / 27																													2						
TOTAL		6.137	6.24	8.17	7.9	3.3	1.3																				787	787	787						

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

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	5313767	53967	81.3	12.132	787							
Dry Bulb	2976161	47843	60.8	9.281	787			27.3	8.7			90
Wet Bulb	2640832	45076	57.3	8.667	787			14.9	.3			90
Dew Point	2428933	43799	54.8	9.347	787		1.0	9.0	.3			90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 SEP 1980-1100
STATION STATION NAME YEARS MONTH HOURS U.S.T.

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
8 / 95																	.1														1	1			
7 / 97																	.1	.3	.1	.1	.1										6	6			
7 / 91																	.1	.1	.5	.1											2	2			
7 / 89																	.4	.6	.5	.1											14	14			
8 / 87											.1	1.0	.4	.4																15	15				
6 / 95								.6	.9	1.0	.3	.4							.1											25	25				
7 / 83						.1	.4	1.3	1.1	.6	.6	.1																		29	29				
7 / 79				.5	1.7	.9	1.7	.4	.4	.4	.1																			42	42				
7 / 77				1.3	1.4	1.1	1.4	.6	.4																					49	49		3		
4 / 75			.8	1.9	.6	1.5	1.1	.6	.1	.3																			55	55	14				
4 / 73		.3	.5	1.4	1.4	1.4	.9	.8	.5	.1																			54	54	53	1			
7 / 71		.5	.8	1.1	1.9	.6	1.7	.9	.4																				57	57	60	16			
7 / 69	.3	.9	1.5	1.4	.4	1.1	.6	.9	.9																				56	56	64	43			
7 / 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	.9	.3																				55	55	61	47			
4 / 63	.6	1.1	1.3	.6	1.7	.9	.9	.4																					59	59	86	61			
7 / 61	.6	.8	.6	.8	1.3	.9	.3																						41	41	62	78			
7 / 59	.1	1.5	.9	.9	1.4	.4	.1																						42	42	57	56			
7 / 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			
7 / 51		.4	.5	.3	.3	.1																							12	12	41	42			
5 / 49		.3	.1		.1	.1																							5	5	25	46			
7 / 47		.4		.1																									4	4	12	45			
4 / 45		.4																											3	3	8	43			
4 / 43																															6	30			
2 / 41																															3	22			
4 / 39																															1	15			
7 / 37																																5			
7 / 35																																3			
3 / 33																																2			
2 / 31																																1			
7 / 29																																1			
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-3 (OL A) REVISION 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 PAGE 2 2900-1100
MONTH SEP HOURS 15.70

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL																													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																										
27																																																													
TOTAL	2.3	11.2	11.1	4.1	4.1	6.0	3.7	14.2	9.3	4.6	2.8	.5	.3	.3																						787	787																								
																													787		787																														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature				Total																																																			
Rel. Hum.	3526232	50836	64.6	16.825	787	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																																																	
Dry Bulb	3963554	55328	70.7	9.694	787			57.2	37.3	16.9	.8	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74426 CALINA MAP KS STATION NAME

73-81 YEARS

YEARS

SEP MONTH

PAGE 1 12-0-1400 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. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point													
2/171												.1	.1	.1					4	4															
2/129												.3	.4	.4	.1				7	7															
4/97												.3	.4	.4	.1	.1			16	16															
6/75												.5	.6	.6	.1	.1			15	15															
4/93												.4	.6	.6	.1	.1			18	18															
7/91												.1	.4	1.5	1.1	.6	.4	.1	34	34															
7/89												.1	.8	1.1	.5	1.0	.4	.4	35	35															
6/87												.1	.5	1.0	1.5	.9	1.0	.6	53	53															
6/45												.5	1.1	.8	.5	.9	1.0	.4	45	45															
4/83												.6	1.1	1.5	1.7	.8	.9	.5	61	61															
7/81												.5	1.4	1.1	1.4	.6	.9	.3	50	50															
7/79				.1								1.3	1.1	.3	1.0	.9	.3	.1	46	46	7														
7/77			.3	.4	.9							1.5	.9	.4	.9	.9	.1	.3	53	53	16														
6/75		.1	.1	.8	1.1	.8						1.5	.4	.6	.4	.5			50	50	42	1													
7/73		.1	.6	.6	.8	1.0	.5					.5	.5	.4	.5				44	44	76	11													
7/71		.3	.5	.6	.8	.3	.4					.6	1.7	.3					37	37	77	21													
7/69		.1	.4	.5	.8	.4	.8	2.7				.6	.3						46	47	69	46													
7/67		.6	.4	1.0	.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		1.3	1.4	.9	.1	.1	.1	.8	.6										39	39	60	57													
7/61	.1	.6	.6	.1	.5		.4		.3										21	21	52	62													
7/59		.6	.4	.1	.5	.4	.3		.1										19	19	46	58													
7/57		.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													
7/51		.3																	2	2	30	37													
6/49		.1	.4																3	3	12	36													
7/47		.3	.1																3	3	5	34													
4/45																					9	37													
4/43																						21													
6/41																						24													
6/39																						26													
7/37																						10													
7/35																						7													
Element (X)	Z _W ²	Z _R	Z _W	Z _R	Z _W	Z _R	Z _W	Z _R	Z _W	Z _R	Z _W	Z _R	Z _W	Z _R	Z _W	Z _R	Z _W	Z _R	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.																				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 16-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 YEARS SEP
STATION MONTH
PAGE 1 1200-1400
HOURS

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

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

FEDERAL BUREAU OF INVESTIGATION
 CLIMATE DIVISION
 METEOROLOGICAL SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4506 SALINA MAP KS STATION NAME 73-81 YEARS SEP MONTH

PAGE 1 1500-1700 HOURS U.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	.4	.3	.4	.4											1	1						
1/11																					.1	.6	.1	.3	.5										12	12						
1/19																					.1	.4	1.0	1.0	.5	.1									25	25						
1/25														.1					.1		.9	.3	.3	.7											15	15						
1/31														.1	.1	.3	1.6	.5	.3	.8	.3									.1						31	31					
1/31														.6	.3	.5	.4	1.1	1.1	.1	.3										.1					36	36					
1/37														.4	.4	1.3	1.0	.9	.9	.6	.4	.1														47	47					
1/37												1.0		.6	1.4	.6	1.3	2.3	.5	.4	.1	.1														66	66					
1/37						.5	.5		.4				.9	1.9	.5	.3	1.1	.6			.1															54	54					
1/31							.5	1.4	.9	1.5	1.1	.4	1.1	.4	.1	.1																				60	60	3				
1/79				.1	.1	1.1	1.9	.4	.9	.3	.5	.8	.4																							51	51	6				
7/77				.3	.3	.4	1.3	.9	.9	.9	1.0	.3	.1																							49	49	24				
6/75				.3	.4	.1	.1	.6	1.7	1.1	.6	.1																								35	35	32	4			
4/73		.1	.4	.1	.5	.6	.6	.3	.9	1.7	.9	.3																								46	46	83	18			
1/71				.3	.3	1.1	.4	1.7	.4	.5	.6	.3																								38	38	79	17			
1/69			.3	.8	.3	.4	.5	.3	1.1	.5																										72	32	81	30			
1/67			.8	.4	.4	.4	.1	.5	.4	.8	.5	.1																								34	34	73	47			
6/65			.6	.6	.4	.4	.4	.4	.4	.9	.4	.3																								31	31	68	63			
4/63			.6	.5	.4	.3	.4	.3	.6																											24	24	66	76			
1/61			.9	.3	.1	.6	.3																													16	16	53	57			
1/59			.4	.6	.6	.4	.5																													20	20	56	57			
1/57						.4																														3	3	44	66			
5/35			.3	.5	.1																															7	7	35	46			
4/33		.1	.3	.3	.3																															7	7	31	44			
2/31																																						29	38			
1/29			.1																																		1	1	18	41		
1/47			.3																																	2	2	5	34			
4/45																																							2	38		
4/43																																							32			
2/41																																							23			
4/39																																							16			
3/37																																							12			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																														
Rel. Hum.						$\leq 6 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																															
Dry Bulb																																										
Wet Bulb																																										
Dew Point																																										

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

FEDERAL BUREAU OF SURVEY
 FEDERAL CLIMATOLOGY BRANCH
 STAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704596 SALINA MAP KS 73-81 SEP 1953-1954
 STATION STATION NAME YEARS MONTHS
 PAGE 0 1500-1700
 HOURS 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 / 35																																					17
2 / 33																																					4
3 / 31																																					7
4 / 29																																					1
5 / 27																																					3
6 / 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	2.0	.3	.1	788	768	788	768																

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

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	2105257	39005	48.2	18.601	788							
Dry Bulb	5266485	62599	79.4	11.721	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74786 SALINA MAP KS 73-81 SEP MONTH
 STATION STATION NAME YEARS PAGE 1 1870-2000
 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. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point														
1 / 99													.1	.1				2	2																
2 / 97													.1	.3				6	6																
3 / 95													.3	.7				7	7																
4 / 93												.1	.5	.5	.3	.1		12	12																
5 / 91												.1	.5	1.0	.1			14	14																
6 / 89												1.0	.8	.5	.5			22	22																
7 / 87							.1	.5	.6	.6	1.1	.5	.3			.1		31	31																
8 / 85						.4	.7	.8	1.3	.9	.8	.4						31	31																
9 / 83					.5	.8	.9	.6	1.4	.3								37	37																
10 / 81			.4	.4	1.0	1.1	.8	1.1	.5	.4								45	45	1															
11 / 79		.4	.1	.8	1.9	.6	1.3	1.0	.9	.1	.4							59	59	1															
12 / 77		.5	1.1	1.9	.8	.9	.6	.9	.1									54	54	5															
13 / 75		.8	1.1	1.9	.8	.6	1.1	.4	.5	.1								57	57	27	2														
14 / 73	.1	.9	1.8	.4	1.0	1.0	.6	1.0	.4									57	57	48	12														
15 / 71	.4	.6	1.0	.4	.4	.6	.4	.8	.1	.1								38	38	80	14														
16 / 69	.8	.6	1.5	1.1	1.0	.8	1.0	.6	.3									61	61	81	33														
17 / 67	.1	1.0	.4	.8	1.0	.6	1.0	.8	.4	.1								49	49	77	62														
18 / 65	.6	.5	1.0	.6	.8	.8	.3	.3	.4	.3								41	41	66	59														
19 / 63	.4	1.3	1.4	.9	.6	.4	.8	.1	.3									48	48	64	79														
20 / 61	.1	.9	.5	.6	.9	.6	.6	.3										36	36	61	57														
21 / 59	1.0	.1	.6	.9	.4	.5												28	28	67	55														
22 / 57	.1	.6	.3	.3	.1	.3	.1											14	14	44	76														
23 / 55	.8	.5	.4	1.0	.3													23	23	45	50														
24 / 53	.6	.3	.1	.1														9	9	42	49														
25 / 51	.3	.3																4	4	31	41														
26 / 49	.1																	1	1	24	39														
27 / 47	.3																	2	2	19	37														
28 / 45	.3																	2	2	6	21														
29 / 43																				1	37														
30 / 41																					21														
31 / 39																					21														
32 / 37																					15														
33 / 35																					5														
34 / 33																					3														
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISED THROUGH EDITION OF THIS FORM ARE OBSOLETE
 USAFETAC

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74746 SALINA MAP KS 73-81
STATION STATION NAME YEARS
PAGE 1 2170-2300
MONTH HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
7/ 89																	.1	1	1																
6/ 87												.4	.3		.1			7	7																
5/ 85							.1	.6	.6	.3								13	13																
4/ 83							.7	.7	1.5	.5	.1							21	21																
3/ 81						.7	1.1	1.9	.4	.6								33	33																
2/ 79				.6	.4	.8	.4	.5	.1	.1								23	23																
1/ 77			.1	.5	2.7	.9	1.5	.5		.1								45	45																
4/ 75		.1	1.5	.8	.9	1.3	1.7	.3	.1									49	49	1															
6/ 73			1.6	1.3	.6	1.9	.7	.3	.1									48	48	2	1														
7/ 71		.8	2.5	.9	.5	.9	.5	.4										51	51	49	11														
8/ 69	1.8	1.9	1.8	.9	.5	.6	.4	.4										64	64	42	28														
9/ 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	.7	.5	.7										49	49	72	64														
4/ 63	.3	1.8	1.1	1.6	.9	.9	.8	.4	.1									62	62	65	66														
2/ 61	.4	2.5	2.3	1.9	1.5	1.1	.1											78	78	59	59														
1/ 59	.1	1.9	.6	1.6	1.7	1.1	.4											54	54	68	73														
7/ 57	.1	1.4	.8	.6	1.7													33	33	56	78														
5/ 55	.2	1.3	1.1	.4	1.7	.1	.1											34	34	57	69														
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	36	38														
1/ 47		.5	.4	.3														9	9	29	37														
7/ 45		.4	.3															5	6	16	37														
4/ 43		.1	.1	.1														3	3	14	39														
2/ 41		.1	.1															2	2	5	26														
1/ 39																				3	17														
3/ 37																					12														
1/ 35																					7														
3/ 33																					3														
1/ 31																					2														
7/ 29																					2														
TOTAL	1.3	15.7	21.1	116.7	13.8	11.4	9.4	5.4	3.7	1.0	.1							795	796	795	795														

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 YEARS SEP
STATION MONTH ALL
PAGES 1 HOURS (U.S.T.)

FORM NO. 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

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
2 / 101												.1	.1	.1	.1	.1																		16	15			
3 / 99												.1	.1	.1	.1	.1	.1																	22	22			
4 / 97												.1	.1	.1	.1	.1	.1																	47	47			
5 / 95												.1	.1	.1	.1	.1	.1																	38	36			
6 / 93												.1	.1	.1	.1	.1	.1																	67	67			
7 / 91												.1	.1	.1	.1	.1	.1																	82	82			
8 / 89											.1	.1	.1	.1	.1	.1	.1																	108	108			
9 / 87											.1	.1	.1	.1	.1	.1	.1																	150	150			
10 / 85											.1	.1	.1	.1	.1	.1	.1																	181	181			
11 / 83				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	206	206			
12 / 81				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	235	235	4		
13 / 79			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	263	263	14		
14 / 77			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	311	311	48		
15 / 75			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	325	325	117	7	
16 / 73			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	362	362	293	46	
17 / 71			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	365	365	403	84	
18 / 69	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	432	432	536	252	
19 / 67	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	405	405	578	474	
20 / 65	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	369	372	528	459	
21 / 63	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	423	423	539	529	
22 / 61	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	360	360	466	467	
23 / 59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	340	340	504	474	
24 / 57	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	282	282	401	581	
25 / 55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	243	243	413	429	
26 / 53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	175	175	389	332	
27 / 51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	128	128	305	339	
28 / 49	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	95	95	238	233	
29 / 47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	88	89	179	325	
30 / 45	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	78	79	117	287	
31 / 43	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	45	46	93	254	
32 / 41	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	31	31	75	196	
33 / 39	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	18	18	42	164	
34 / 37	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	9	9	17	100	
Element (X)	Σx ²	Σx	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.																		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

GENERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-81 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS 05.00

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														
/ 35																		5	5	11	71														
/ 33																		1	1	2	28														
/ 31																					24														
/ 29																					13														
/ 27																					10														
/ 25																					4														
TOTAL	2.6	13.7	15.3	13.3	11.1	8.8	7.6	6.5	4.9	4.1	3.1	1.9	1.1	.7	.3	.0		6309		6304															
																		6304		6304															

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Num.	30423353	419224	66.52	20.092	6304							
Dry Bulb	31085119	436229	69.11	2.093	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	56.7	9.378	6304		5.8	98.6	6.1			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

204506 SALINA MAP KS 73-81 001
STATION STATION NAME YEARS MONTH
PAGE 1 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														
1 / 75						.7		.1										3	3																
4 / 73			.2	.4		.1	.1											7	7																
7 / 71		.1	.7	.4		.1	.1											12	12																
10 / 69		.2	.1	.1	.6	.4		.1										13	13	6															
13 / 67		.4		.5	.6	.2	.2											16	16	11	8														
16 / 65	.1	.9	.4	1.3	.5	.4	.2	.1										32	32	9	14														
19 / 63	.4	.4	.9	.5	.6	1.0		.5										34	34	17	9														
22 / 61	.2	1.1	.7	1.3	.2	1.3	.7											46	46	27	9														
25 / 59	.4	1.8	1.8	1.1	.7	1.0	.4	.2										61	61	35	15														
28 / 57	.2	1.3	.6	1.6	1.3	.7	.5											52	53	32	42														
31 / 55		3.2	1.5	1.5	1.6	.9	.1											71	71	53	31														
34 / 53		2.1	1.6	1.2	.7	.5												50	50	51	45														
37 / 51	.1	2.4	2.3	1.8	.1	.4												59	59	67	30														
40 / 49	1.5	1.6	1.5	1.6	.4	.2												55	55	53	64														
43 / 47	.2	1.7	1.6	1.3	.7													46	46	60	43														
46 / 45	.5	2.9	2.2	1.6	.2													61	61	75	57														
49 / 43		1.8	1.2	.9	.1													33	33	40	64														
52 / 41	.1	2.4	1.7	2.1	.2													48	48	56	53														
55 / 39	.4	1.5	1.2	.9														32	32	49	61														
58 / 37	.4	1.8	1.1	.7														32	32	36	41														
61 / 35	.5	1.3	1.3	.2														28	28	46	53														
64 / 33	.6	.6	.2	.1														13	13	35	45														
67 / 31	.7	.1	.4															6	6	15	45														
70 / 29	.4		.1															4	4	8	32														
73 / 27	.2																	2	2	3	19														
76 / 25																				2	19														
79 / 23	.1																	1	1		7														
82 / 21																				1	3														
85 / 19																					3														
88 / 17																					2														
91 / 15																					1														
TOTAL	5.233	122.52	1.3	3.8	7.5	2.4	1.1											817	818		817														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4751849	60981	74.615	.664	817	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
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 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704546 JALINA MAP KS 73-81 YEARS OCT
STATION STATION NAME 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																
47/77			.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														
67/65		1.7	.5	1.2		.1	.1											24	24	4	9														
47/63		.4	.6	1.3	.2	.1	.1	.1										24	24	13	6														
77/61	.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														
77/57	.5	1.5	1.2	.6	.7	.4	.1											41	41	44	38														
57/55	.7	3.1	.1	1.0	.6	.6	.1											51	51	50	49														
47/53	.1	1.9	1.9	2.4	.9	.6	.1											64	65	27	37														
77/51	.4	2.3	1.2	1.7	1.3	.6	.1											63	63	46	31														
67/49	1.1	3.3	2.4	2.1	.2	.4												78	78	30	44														
67/47	.9	2.4	1.5	.9	.1	.1												48	48	66	44														
67/45	.4	2.2	1.7	.7	.7													47	47	69	57														
47/43	.1	2.2	1.9	1.1	.4													46	46	65	60														
77/41	.4	2.3	2.7	.6														43	43	42	55														
77/39	.6	2.3	2.7	1.0	.2													50	50	54	61														
77/37		3.3	2.0	.2														45	45	52	46														
77/35	.2	1.6	.9															22	22	48	58														
37/33	1.0	1.8	.5															27	27	44	46														
77/31	.1	.9	.1															9	9	19	53														
77/29	.5	.4	.2															9	9	13	26														
77/27		.4	.1															4	4	5	32														
77/25	.1	.1																2	3	6	22														
74/23		.1																1	1	2	9														
27/21		.1																1	1		4														
/ 19		.1																1	1	2	1														
77/17																					5														
77/15																					1														
77/13																					1														
TOTAL	7.8	38.7	24.2	15.3	8.4	3.9	1.3	.2											817	817	917														

Element (X)	Σx'	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5146280	63724	78.0	14.685	817	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	288821	40555	49.5	9.879	817		3.2	3.4	.1			93
Wet Bulb	1878932	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 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 OCT 2604-3800
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

PAGE 1 2604-3800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
7 / 69		.2	.6		.4			.1																										11	11			
6 / 67		.4	.2	.4	.4			.1	.1																									13	13	8	1	
6 / 65		.1	.4	.6				.2																										11	11	4	8	
4 / 63		1.2	1.2	.5	.2	.2	.1																											29	29	3	2	
7 / 61	.4	2.3	.7	.2	.4	.2		.1																										36	36	32	10	
7 / 59	.5	2.6	1.2	.7	.6	.2	.2																											48	48	34	30	
5 / 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	38	33	
4 / 53	.5	1.8	1.3	1.6	.1	.2	.2																											48	48	48	37	
2 / 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	50	
7 / 47	.6	1.8	2.7	1.7	.4	.5																												63	63	81	31	
6 / 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	
2 / 41	.1	3.5	1.2	.6	.1																													46	46	62	66	
4 / 39	.5	2.3	2.7	.6	.2																													52	52	53	57	
7 / 37	.2	3.5	.7	.5																														41	41	51	39	
5 / 35	1.2	1.5	1.5																															32	32	67	63	
3 / 33	.2	1.6	.4																															18	18	30	51	
2 / 31	.6	1.1																																14	14	25	64	
7 / 29	.7	.5	.1																															11	11	15	39	
2 / 27	.1	.5																																5	5	4	23	
2 / 25		.4																																3	3	5	17	
26 / 23		.1																																1	1	4	6	
2 / 21		.4																																3	3	1	9	
7 / 19																																					2	3
7 / 17																																					4	4
1 / 15																																					1	1
7 / 13																																					1	1
TOTAL		19.37	6.26	8.13	9.7	2.7	1.7	.4																										822	822	672	822	

Element (X)	Σx'	Σx	X̄	s _x	No. Obs.	Mo. - No. of Hours with Temperature						
Rel. Hum.	Σx'	Σx	X̄	s _x	No. Obs.	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	2040346	40173	48.8	9.684	822		4.2	2.7				93
Wet Bulb	1780238	37496	45.6	9.223	822		6.3	.9				93
Dew Point	1546369	34617	42.1	10.385	822		18.9	.1				93

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

SIGNAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74656 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																	
8/ 87													.1																					1	1			
8/ 85													.1																					1	1			
7/ 83									.1	.1																								2	2			
7/ 81										.1	.1			.1																				2	2			
7/ 79									.1	.1	.1		.4	.1																				7	7			
7/ 77				.1							.4	.1	.1	.1	.1	.2																		9	9			
8/ 75				.2	.1	.1	.2	.2	.2	.2	.1																							13	13			
4/ 73			.4	.1	.2	.7	.1	.2	.7	.1																								22	22			
7/ 71		.1	.1	.4	.5	.5	.6	.9	.4	.1																								40	40			
7/ 69	.1	.1	.1	.4	.5	.5	.6	.9	.4	.1																								32	32	10	2	
7/ 67		.7	.7	.7	.9	.6	.6	.7	.4	.4	.1																							48	48	11	11	
6/ 65		.4	1.1	1.2	.9	.6	1.7	1.0	.4	.4																								58	58	16	7	
4/ 63		1.1	.5	1.1	.9	1.0	1.1	1.1	.2																									56	56	71	8	
7/ 61		1.1	.7	1.1	1.5	1.1	1.1	.6	.5																									63	63	40	19	
7/ 59		1.1	1.1	1.1	1.4	1.7	1.0	.6																										63	63	49	26	
7/ 57	.5	1.0	1.2	1.1	2.1	.5	.9	.4																										65	65	57	38	
8/ 55	.4	2.1	.7	1.2	1.6	1.4	.4	.1																										63	63	75	49	
7/ 53	.1	.6	1.1	1.7	1.2	1.1	.5																											52	52	90	41	
7/ 51	.1	1.1	1.2	.7	1.8	.6	.1																											47	47	62	39	
8/ 49	.2	.6	1.4	1.7	1.8	.4	.1																											45	45	73	39	
7/ 47	.2	.2	.6	1.4	.7	.5																												31	31	66	50	
8/ 45	.1	.5	.5	1.4	.4	.1																												24	24	57	61	
4/ 43		.6	.9	.5	.5	.1																												21	21	45	62	
2/ 41		.5	1.4	.7																														21	21	46	71	
4/ 39	.1	.5	.4	.5																														12	12	28	46	
7-7/ 37	.1	.6	.1	.6																														12	12	25	49	
7/ 35	.2		.2																															4	4	18	53	
34/ 33			.1																															1	1	6	34	
7/ 31																																					6	49
8/ 29																																				1	16	
8/ 27																																					16	
8/ 25																																					15	
8/ 23																																					6	
2/ 21																																					7	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature					Total																											
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

LOCAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74886 SALINA MAP KS STATION NAME

73-81 YEARS

OCT MONTH

PAGE 2 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	7.3	13.3	15.1	17.0	17.0	11.4	9.1	7.6	4.2	1.5	1.0	.6																				814		814	914

Element (X)	$\sum x'$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	34329.3	52568	62.1	18.934	814							
Dry Bulb	2876835	47763	58.6	9.769	814			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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774535 SALINA MAP KS STATION NAME

73-81 YEARS

YEARS

OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
95																.1		1	1																		
93															.1	.2		3	3																		
91												.2		.1	.1	.4		7	7																		
89											.2	.2	.2	.5				10	10																		
87								.1				.2	.2	.2				7	7																		
85							.1			.2		.4	.2					8	8																		
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																		
77				.2	.2		.4	1.5	.6	1.1	1.1	.1						44	44																		
75			.1	.5	.6	1.1	.9	.6	1.0	.6	.2	.1						47	47	1																	
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																
65		.2	.2	1.4	.4	1.4	.6	1.0	.5									54	55	43	10																
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																
55	.1	.4	1.0	.9	1.1	1.2	.1											39	39	74	51																
53	.4	.5	.2	.7	1.1	.4												27	27	72	37																
51		.6	.7	.6	.6	.7	.2											29	29	59	28																
49		.1	.4	.7	.2	.7	.1											19	19	52	47																
47		.2	.4	.1	.2													8	8	53	63																
45		.9	.5	.1	.2													14	14	43	55																
43		.4	.5	.1														8	8	34	52																
41		.1	.2	.9														10	10	19	62																
39		.6	.2															7	7	12	59																
37																				13	52																
35																				9	46																
33																					44																
31																					32																
29																					20																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 001
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point												
7 / 27																						16											
7 / 25																						9											
7 / 23																						3											
27 / 21																						6											
7 / 19																						2											
7 / 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		810	812		817												

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	2275383	39851	49.2	19.725	810							
Dry Bulb	3727456	54254	66.8	11.240	810			51.2	20.7	11.7	.5	93
Wet Bulb	2511111	44629	55.1	8.030	810			6.1	.2			93
Dew Point	1728925	36473	45.3	1.347	810		10.2	2.1				93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 CALINA MAP KS 73-81 YEARS OCT MONTH
 PAGE 1 1500-1700 HOURS U.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																	.4	3	3																
5 / 92																	.1	3	3																
4 / 91												.2		.1	.2	.2	.2	9	9																
3 / 89											.2		.6	.7	.1			14	14																
8 / 87											.2		.4	.2	.7			9	9																
6 / 85						.1			.1	.4	.6	.9	1.0	.1				26	26																
5 / 83						.2		.5	.1	.2	.4	.9	.6					24	24																
4 / 81					.1	.5	.7	.6	.7	.4	.5	.4	.2	.4				37	38																
3 / 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	.5	.1					43	43																
6 / 75			.1	.4	.7	.7	1.1	1.2	2.3	.9	.6							66	66	1															
5 / 73			.5	.4	1.0	.4	1.1	1.6	1.0	.2								50	50	5															
4 / 71			.1	.5	.9	.5	.7	1.3	1.1	1.0	.6		.1					56	56	8	1														
3 / 69		.1	.2	.2	.5	1.1	.7	1.7	1.3	.7	.5							59	59	18	4														
2 / 67		.4	.1	.9	.7	1.1	.6	2.1	.6	.6	.5							57	57	27	9														
6 / 65		.2	.1	.7	.2	.4	.9	1.2	1.1	.1								41	41	53	9														
4 / 63		.6	.5	.2	.1	.4	.7	1.0	1.7									37	37	59	14														
3 / 61		.4	.2	.5	.5	.4	.6	1.3	.2									34	34	78	25														
2 / 59		.7	.2	.4	.7	.5	1.3	1.1	.2									43	43	61	25														
1 / 57		.1	.2	.6	.7	.5	.6	.6										28	28	92	43														
5 / 55	.2	.4	.4	.2	.5	1.3	.9	.7										38	38	70	39														
4 / 53	.5	.5	.1	.1	.5	.2	.9											23	23	77	38														
2 / 51		.6	.2	.5	1.0	.5	.5	.1										28	28	55	35														
5 / 49		.1	.5	.4	.2	.4												13	13	53	42														
4 / 47		.2	.2	.1	.2													7	7	44	51														
3 / 45		.2	.2	.7		.1												11	11	39	65														
2 / 43		.4	.2	.1	.1													7	7	29	58														
1 / 41		.6	.4	.4	.1													12	12	22	58														
4 / 39		.1																1	1	16	61														
2 / 37		.2																2	2	8	48														
1 / 35		.1																1	1	6	48														
3 / 33																					51														
2 / 31																					38														
1 / 29																					18														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724526 STATION SALINA MAP KS 73-81 YEARS OCT 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																
27																																					15
25																																					15
23																																				5	
21																																				2	
19																																				5	
17																																				1	
TOTAL	.7	5.7	4.4	6.1	8.1	7.1	11.2	9.1	13.1	11.0	8.4	7.5	4.4	2.8	1.6	1.5	.4	.7	823	824																823	

Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	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 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74546 SALINA MAP KS 73-81 YEARS

JCT
MONTH

PAGE 1 1870-2000
HOURS 1 5 7

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/ 57														.1																				1	1					
2/ 30																		.1	.1	.1														3	7					
3/ 63																		.1	.1		.1	.2	.1											6	6					
4/ 41										.1	.1	.1						.2			.2														7	7				
5/ 77							.1	.1				.2	.1					.1	.2	.6	.1													13	13					
6/ 77							.4	.9	.7	.1	.5	.2	.9						.5	.2	.9	.1												24	24					
7/ 75						.1	.4	.9	.4	.4	.5	.4							.4			.4													27	27				
8/ 73			.2	.2	.1	1.0	.1	.2	1.1	.5	.2									.2															31	31				
9/ 71				.5	.5	.9	1.1	.5	.4	.9																										38	38	4		
10/ 69		.2	.6	.4	1.4	.6	.4	1.1	.6	.1																										44	44	5		
11/ 67		.2	.2	.6	.7	1.0	1.6	1.0	.4	.5	.1	.1																								53	53	17	9	
12/ 65		.7	1.1	1.0	.6	1.2	1.5	.6	.2	.2																										59	59	30	9	
1/ 67		.5	.7	1.0	1.0	1.0	1.0	1.0	.5	.1	.1																									63	63	34	15	
2/ 61		.9	1.6	.4	.7	1.4	1.4	.2	.2																												55	55	57	13
3/ 59	.2	1.5	.7	1.0	1.5	1.0	.7	.7	.1																											61	61	62	27	
4/ 57		1.0	1.1	.9	1.6	1.4	.5	.2	.1																											55	55	68	56	
5/ 55	.2	.6	.9	1.0	1.2	1.4	.4	.1																												47	47	73	50	
6/ 53		1.2	1.1	.9	1.8	.9	.5																													52	52	77	29	
7/ 51	.1	.4	1.2	1.1	1.0	.6	.2																													38	38	71	37	
8/ 49	.7	.5	1.1	.7	1.1	1.1																														43	43	67	62	
9/ 47		.4	.4	1.1	.4	.5	.1																													23	23	57	39	
10/ 45		.5	.7	1.0	.4	.2																														23	23	58	70	
11/ 43	.1	.5	.7	.2	.2	.1																														16	16	33	70	
12/ 41		.5	.9	.4	.1																															15	15	34	65	
1/ 39		.5		.4																																7	7	29	45	
2/ 37		.4	.1																																	4	4	21	47	
3/ 35		.5																																		4	4	10	53	
4/ 33	.1	.1																																		2	2	9	32	
5/ 31																																							34	
6/ 29																																							8	
7/ 27																																							14	
8/ 25																																							13	
9/ 23																																							9	
10/ 21																																							5	
Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																													
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS 73-81 OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 0 1800-2000
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																																						
7 / 15																																																												
TOTAL	1.8	11.1	13.5	12.8	16.8	15.2	11.2	6.1	4.5	3.6	2.0	1.1	.5	.2																							814	814	814	814	814																			

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

Element (X)	$\Sigma X'$	ΣX^2	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3'65517	48296	59.3	19.220	814							
Dry Bulb	3104915	49579	60.9	10.235	814			28.2	12.8	2.7		93
Wet Bulb	2307103	42835	52.6	8.774	814			2.7				93
Dew Point	1741852	36753	45.1	7.085	814		9.8	1.0				92

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704566 SALINA MAP KS 73-81 OCT 1950-2300
STATION STATION NAME YEARS MONTH HOURS U.S.T.

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 79								.1										1	1																
7 / 77							.4	.4										6	6																
6 / 75				.1	.1	.2	.1	.1	.2									8	8																
4 / 73			.4	.9	.2	.1												13	13																
7 / 71			.2		.6	.1		.4	.4	.1								15	15																
7 / 69			.2		1.0	.9	.4	.4	.1	.2								26	26	5	2														
7 / 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									42	42	18	12														
4 / 63		1.2	.5	.5	.7	1.0	.7	.6	.2									45	45	27	14														
7 / 61	.2	1.6	.6	1.2	1.0	2.0	.8	.5										63	63	31	9														
7 / 59	.1	2.1	.9	.7	1.7	1.1	.4	.2										59	59	40	26														
7 / 57		1.7	1.3	1.8	1.0	1.1	.2	.1										63	60	40	47														
5 / 55		2.2	1.7	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														
7 / 51	.1	1.6	1.0	1.3	.6	.5												42	42	77	42														
7 / 49	1.2	1.5	1.6	2.0	.9	.1												59	59	63	51														
7 / 47		1.3	1.3	1.2	.6	.1												38	38	64	55														
4 / 45	.1	2.0	1.3	1.2	1.2													48	48	68	60														
4 / 43		1.6	1.3	1.5	.4													40	40	41	71														
2 / 41	.1	.4	1.5	.5	.6													25	25	49	50														
4 / 39	.1	2.2	1.3	.4														33	34	29	72														
7 / 37	.1	.6	.5	.4														13	13	51	42														
7 / 35		.5	.2	.2														8	8	22	40														
3 / 33	.4	.4	.2															8	8	22	45														
7 / 31	.1	.1	.1															3	3	5	40														
7 / 29																				3	20														
7 / 27																					14														
7 / 25																					9														
7 / 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								815	817	815	815														

Element (X)	Z _g	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	4186626	55738	69.61	7.052	815	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2551714	44954	55.7	9.745	817		.3	12.0	3.2			93
Wet Bulb	2763596	47424	49.6	8.482	815		.9	1.6				93
Dew Point	1688833	36225	44.4	9.833	815		11.1	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 OCT
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																	
67-69																																		4	4			
67-71																																			6	6		
67-89																																			16	16		
67-87																																			24	24		
67-85																																			18	18		
67-83																																			38	38		
67-81																																			51	51		
67-79																																			71	72		
77-77																																			96	96		
67-75																																			126	126		
67-73																																			164	164		2
67-71																																			178	178		6
67-69																																			238	238		23
67-67																																			264	264		65
67-65																																			283	284		116
67-63																																			319	320		177
67-61																																			323	323		256
67-59																																			359	359		339
67-57																																			433	433		384
57-55																																			487	488		449
57-53																																			428	428		494
57-51																																			380	382		512
57-49																																			372	372		473
57-47																																			383	383		551
57-45																																			263	264		491
57-43																																			278	278		473
57-41																																			219	219		343
57-39																																			194	195		270
57-37																																			149	149		257
57-35																																			99	99		228
57-33																																			69	69		146
57-31																																			32	32		70
57-29																																			24	24		40
Element (X)	Z _g	Z _x	Z _y	Z _z	Z ₀	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

FEDERAL BUREAU OF SURVEY
 CLIMATE DIVISION
 METEOROLOGICAL SERVICE/MAC

PSYCHROMETRIC SUMMARY

74536 SALINA MAP KS 73-81 OCT
 STATION MONTH
 PAGE 2 ALL
 HOURS U.S. S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
27	.0	.1	.0															11	11	12	149														
25	.0	.1																5	6	13	119														
23	.0	.0																3	3	6	51														
21	.0	.1																4	4	2	43														
19	.0	.0																1	1	4	16														
17																					13														
15																					4														
13																					2														
TOTAL	4.2	7.9	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														

Element (X)	Σ x'	Σ x ²	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	30304792	422830	64.7	21.193	6532							
Dry Bulb	22644218	376126	57.5	12.463	6541	9.2	179.6	90.2	31.5	1.1		744
Wet Bulb	17186261	329511	50.4	9.292	6532	16.7	24.1	.9				744
Dew Point	13317719	287151	44.0	10.311	6532	106.0	8.5					744

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

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 NCV
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 65						.1												1	1																
4 / 63			.5		.3	.1												7	7																
7 / 61		.1		.8	.6	.1	.1											14	14																
7 / 59		1.1	.3	.3		.1	.1											15	15	2	2														
7 / 57	.5	1.4	.1			.3												18	18	13	13														
5 / 55		1.3	.3		.4	.1	.1											17	17	24	9														
7 / 53	.3	.5	.8	1.4	.3													25	25	19	21														
7 / 51	.5	.9	.6	1.2	1.2		.1											33	33	10	13														
7 / 49	.5	.9	.4	.5	.6													23	24	25	19														
7 / 47	.3	3.1	.6	.5	.5													40	40	36	12														
7 / 45	.9	3.6	1.1	1.1	.7													56	56	43	30														
4 / 43	.4	3.2	2.3	.5	.1													50	50	51	45														
2 / 41	.4	3.7	2.5	1.3	.9													59	59	50	42														
4 / 39		2.5	2.8	.9	.4													52	52	53	34														
7 / 37	.9	3.5	1.5	.9	.1													55	56	62	43														
7 / 35	.9	3.9	1.4	.5														53	53	57	67														
3 / 33	.6	4.8	.8															49	49	66	53														
7 / 31	1.1	6.9	1.3															74	74	64	74														
7 / 29	.8	3.6	.6															40	40	63	65														
7 / 27	.4	3.1	1.1															37	37	45	48														
7 / 25		1.6	.9															20	20	26	44														
7 / 23		1.4	.1															12	12	25	27														
3 / 21	.3	.9	.9															16	16	15	33														
7 / 19	.1	.4	.1															5	5	11	25														
7 / 17		.6	.3															7	7	8	19														
7 / 15		.1	.1															2	2	3	16														
7 / 13	.3																	2	2	4	5														
1 / 11	.1	.1																2	2	2	12														
7 / 9	.1	.1																2	2	2	4														
7 / 7		.1																1	1	2	3														
7 / 5		.3																2	2		1														
7 / 3		.4																3	3	4	4														
7 / 1	.1	.3																3	3	3															
7 / -1																					3														
Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 2 2020-2200
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
- / -3																		3	3	3	3														
- / -5																					2														
- / -7																					2														
- / -9																					4														
- / -11																					1														
TOTAL	4.6	5.3	5.2	1.2	9.3	5.0	.9	.5										798	820	798	798														

Element (X)	ΣX^2	ΣX	K	σ_a	No. Obs.	Mean No. of Hours with Temperature				Total		
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5156838	63216	79.2	13.673	798		.3	26.0				90
Wet Bulb	1319936	31214	39.0	11.301	800		.5	31.7				90
Dew Point	970019	26141	32.8	11.943	798	1.7	44.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 53			.1															1	1																
4 / 51			.3		.4	.5	.1											10	17																
4 / 59	.3	.6		.3	.3													11	11	6	3														
4 / 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														
4 / 53	.5	.9	.6	.5	.1													21	21	28	18														
4 / 51	.1	.8	.6	1.3	.1													23	23	6	13														
5 / 55	.3	1.3	.6	.6	.4													25	25	26	18														
4 / 47		2.9	.5	.6	.1													33	33	26	11														
4 / 45	.3	3.2	.8															32	32	40	26														
4 / 43	.9	3.5	1.5	.5														50	50	48	39														
2 / 41	.4	3.4	1.5	1.2														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														
2 / 31	1.7	7.8	.8	.1														77	77	81	74														
2 / 29	1.7	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														
24 / 23	.1	1.5	.1															14	14	20	26														
2 / 21	.6	2.1	.3															24	24	21	24														
2 / 19	.4	1.3	.1															14	14	16	36														
14 / 17	.1	.4																4	4	12	22														
14 / 15		.4																3	3	3	12														
14 / 13	.1	.6																6	6	4	10														
14 / 11	.1	.1																2	2	6	7														
14 / 9		.1																1	1		10														
14 / 7		.3																2	2	3	2														
14 / 5		.1																1	1		4														
14 / 3		.6																5	5	3	3														
14 / 1		.3																2	2	5	1														
14 / -1	.3																	2	2	2	3														
14 / -3	.3																	2	2	2	2														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-81 MONTH NGV
 STATION STATION NAME YEARS MONTH

PAGE 2 0300-0500
 HOURS U.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
- / -5																				
- / -7																				
- / -9																				
- / -11																				
TOTAL	12.26	0.7	1.1	7.4	2.3	.6												797	797	797
																		797	797	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	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 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 YEARS NOV MONTH

PAGE 1 0630-3800 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
6 / 62		.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
4 / 55	.6	1.4	.1	.3													19	19	17	13
4 / 53	1.2	2.2	.4	.4	.1												31	31	33	22
2 / 51	.1	.3	.3	.1													6	6	15	24
5 / 49	.1	1.2	.6	.6	.3												21	22	14	8
/ 47	.1	2.8	.9	.6	.1												36	36	19	12
4 / 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	1.7	.3													34	34	44	34
4 / 39	.5	2.8	1.4	.3													39	39	40	36
2 / 37	.6	6.1	1.5	.3													67	67	37	35
/ 35	.6	5.9	2.2	.4													72	72	65	50
3 / 33	1.5	4.8	1.3	.4													63	63	50	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	1	5
/ 1	.3																2	2	3	8
/ -1	.3																2	2	2	1
/ -3	.1																1	1	1	2
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS 73-81 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 7690-0800
 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-7 -5																																				3	
-7 -7																																				1	
-7 -11																																				1	
TOTAL	13	76	3	9	15	6	5	2	.9	.1	.4	.3																					790	791	790		

Element (X)	Σx^2	Σx	\bar{x}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Ref. Num.	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					91
Dew Point	933159	24988	31.6	11.955	790	.9	49.9					90

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

FEDERAL BUREAU OF SURVEY
 CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS 73-81 NOV MONTH
 STATION STATION NAME YEARS

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. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point														
67/75																																1	1		
74/73										.1																						1	1		
71/71										.3																						3	3		
69/69										.1																						2	2		
67/67					.1	.1	.1	.1	.1	.1																					4	4			
65/65			.3							.3																						5	5		
63/63			.4	.3	.3	.1	.3	.3	.1																						13	13		2	
61/61		.1	.1	.1	.2	.1	.1	.1	.1																						7	7		4	
59/59	.1	.6	1.0	.5	.4	.4	.1																								25	25		8	
57/57		.3	.9	.9	.9	.6	.1	.1	.1																						31	31		3	
55/55	.1	1.6	1.1	.6	.9	.3	.3																								39	39		11	
53/53	.4	1.3	.8	.9	.3	.4																									31	31		24	
51/51		.4	1.4	1.6	1.6	.5	.1	.1																							46	46		17	
49/49	.1	1.5	1.6	2.1	1.1	1.1	.3																								63	63		21	
47/47	.3	1.5	.6	.6	.9	.1	.1																								33	33		26	
45/45	.4	1.3	1.4	1.6	.3	.4																									42	42		34	
43/43	.6	2.4	1.9	1.6	.4	.1																									56	56		37	
41/41	.3	1.7	2.8	1.1	.5																										45	45		47	
39/39	.5	1.9	3.8	1.7	.5																										61	61		45	
37/37	.3	3.4	2.3	1.6	.4																										63	63		34	
35/35	.5	1.4	3.3	.8																											45	45		50	
33/33	.8	2.1	1.9	.9																											45	46		59	
31/31	.4	2.5	1.6	.1																											37	37		77	
29/29		2.7	.9																												23	23		52	
27/27	.1	.5	.6	.1																											11	12		49	
25/25		1.7	.6																												13	13		40	
23/23	.1	.5	.4																												8	8		31	
21/21	.5	1.1	.5																												17	17		29	
19/19	.1	.5	.1																												6	6		33	
17/17	.3	.3																													4	4		14	
15/15																																1	2		14
13/13		.3																													2	2		9	
11/11		.4																													3	3		5	
9/9		.5																													4	4		5	
Element (X)	Z _g	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70456 SALINA MAP KS 73-81 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 2 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																
/ 7		.3																2	2	3	5																
/ 5		.1																1	1	2	5																
/ 3																			1		1																
/ 1																					2																
/ -1																					4																
/ -3																					1																
TOTAL	5.837	.837	.116	.8	8.7	4.7	1.9	.6	.4	.3								792	796	792	792																

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4270419	56827	71.81	15.621	792							
Dry Bulb	1558326	34002	42.71	11.541	796		15.2	1.2	.2			90
Wet Bulb	1282995	30827	38.91	10.251	792		23.9					90
Dew Point	1003460	26686	33.71	11.482	792	.6	42.7					90

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

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74556 SALINA MAP KS 73-81 YEARS NOV
 STATION STATION NAME 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																
6 / 85																																	1	1			
4 / 83																																		1	1		
7 / 81																																		5	5		
4 / 79																																		5	5		
7 / 77																																		3	3		
4 / 75																																		6	6		
4 / 73																																		4	4		
5 / 71																																		7	7		
7 / 69																																		15	15		
4 / 67																																		22	22		1
6 / 65																																		20	20		3
4 / 63																																		37	37		6
7 / 61																																		47	47	11	3
7 / 59																																		38	38	12	3
5 / 57																																		46	47	35	7
5 / 55																																		46	46	41	15
4 / 53																																		49	49	44	33
2 / 51																																		36	36	44	15
5 / 49																																		50	50	41	19
1 / 47																																		36	36	62	31
4 / 45																																		50	50	64	44
4 / 43																																		48	48	50	38
2 / 41																																		39	40	64	35
4 / 39																																		30	30	56	45
3 / 37																																		32	32	48	34
2 / 35																																		15	15	47	71
34 / 33																																		17	18	44	56
2 / 31																																		22	22	31	66
7 / 29																																		13	13	12	47
2 / 27																																		11	11	14	53
7 / 25																																		8	9	19	30
2 / 23																																		2	2	8	18
2 / 21																																		5	5	7	30
7 / 19																																		4	4	4	23
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 34-A 0-26-5 (01A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70486 SALINA MAP KS 73-81 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 2 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
1 / 17		.1	.1															2	2	1	22																
1 / 15		.1	.1															2	2	2	16																
1 / 13		.6																5	5	3	7																
1 / 11																				5	2																
1 / 9																					5																
1 / 7																					2																
1 / 5																					1																
1 / 3																					2																
1 / 1																					3																
1 / -1																					1																
1 / -3																					1																
TOTAL	2.8	15.4	15.0	17.1	14.6	14.2	9.2	5.1	2.7	2.1	.5	.8	.3	.1			779	752	779	779																	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3008510	46023	59.1	19.3	779							90
Dry Bulb	2091143	39189	50.1	12.7	782		8.5	7.9	2.9	.9		90
Wet Bulb	1528194	33594	43.1	10.1	779		12.2	.1				90
Dew Point	1048292	27166	34.9	11.3	779	.2	38.1					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774586 SALINA MAP KS 73-81 YEARS NOV
 STATION STATION NAME 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																
67 / 85																																		2	2		
77 / 87																																		2	2		
77 / 91																																		3	3		
77 / 79																																		4	4		
77 / 77																																		9	9		
76 / 75																																		4	4		
74 / 73																																		3	3		
77 / 71																																		17	17		
77 / 69																																		22	22		
77 / 67																																		30	30		
67 / 65																																		37	30		
74 / 63																																		44	44	13	
77 / 61																																		41	41	13	4
77 / 59																																		40	40	28	3
77 / 57																																		39	39	42	15
77 / 55																																		32	32	28	19
77 / 53																																		47	47	45	24
77 / 51																																		57	57	38	20
77 / 49																																		42	42	51	19
77 / 47																																		39	39	60	31
77 / 45																																		46	46	55	39
74 / 43																																		41	41	66	37
72 / 41																																		50	51	60	41
77 / 39																																		27	27	54	55
77 / 37																																		22	22	43	41
77 / 35																																		9	9	49	51
77 / 33																																		18	18	42	59
77 / 31																																		25	25	22	59
77 / 29																																		9	9	17	54
77 / 27																																		9	9	14	37
77 / 25																																		4	4	14	32
77 / 23																																		1	1	5	28
72 / 21																																		5	5	5	28
77 / 19																																		5	5	2	26
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$= 67 F$	$= 73 F$	$= 80 F$	$= 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

FEDERAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

734886 SALINA MAP KS STATION NAME

73-81 YEARS

NOV MONTH

PAGE 2 1500-1700 HOURS - S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 17		.1		.1															2	2	3	17													
/ 15			.1	.1															2	2	3	15													
/ 13			.4																3	3	2	6													
/ 11																					4	7													
/ 9																						2													
/ 7																						1													
/ 5																						3													
/ 3																						2													
/ 1																						2													
/ -1																						1													
/ -3																						1													
/ -5																						1													
/ -7																						1													
TOTAL	7.5	12.2	14.1	13.9	18.4	13.9	10.4	5.9	3.6	1.7	1.3	.6	.3	.1				778	778	776	778														
																						778	778	776	778										

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	2569886	44672	57.4	19.8	778							
Dry Bulb	2132465	47007	51.4	12.8	779		7.5	17.3	3.1	1.0		90
Wet Bulb	1570435	34151	43.9	10.1	778		10.5					90
Dew Point	1769451	27371	35.2	11.7	778	.5	37.0					90

USAFETAC FORM JAN 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 YEARS NOV MONTH
 STATION STATION NAME
 PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
4 / 72							.3			.3								4	4																		
4 / 71						.1												1	1																		
4 / 69					.1	.1	.3	.1	.1									6	6																		
4 / 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																
4 / 61		.1	.9	.4		.1	.3	.1										15	15	11	4																
4 / 59		1.2	1.3	.3	.4	.4		.1										27	27	14	2																
4 / 57		1.1	.6	.4	1.1	.3	.3		.1									31	31	27	16																
5 / 55	.1	.1	1.2	1.1	1.1	.4	.3	.1										34	34	21	21																
4 / 53		.5	1.3	1.3	.8	.5	.1	.1										36	36	16	14																
4 / 51		.8	.9	1.3	.6		.4											30	30	29	15																
4 / 49	.3	.6	1.7	1.5	1.3	1.2	.1											51	51	41	23																
4 / 47	.3	2.5	2.7	2.2	.5	.8												70	70	33	17																
4 / 45	.5	2.3	2.5	1.9	.6	.5												66	66	68	38																
4 / 43	.6	1.3	2.2	1.7	.4													47	47	62	47																
2 / 41	.3	1.4	2.3	1.4	.5													46	46	56	57																
4 / 39	.5	1.9	4.1	1.1	.5	.1												65	65	67	48																
4 / 37	.1	2.2	2.2	.9														41	41	67	41																
4 / 35	.1	2.7	3.1	.6	.3													53	54	70	49																
3- / 33	.6	1.5	.5	.4	.1													25	26	45	66																
4 / 31	.1	2.2	1.9	.6														37	37	42	69																
4 / 29	.3	1.3	.9	.1														18	18	27	58																
4 / 27	.1	.9	.5	.1														13	13	29	37																
4 / 25	.4	.5	.3	.1														10	10	20	44																
4 / 23		.1	.1	.1														3	3	6	19																
2 / 21	.4	.5																7	7	8	18																
4 / 19		.3																2	2	4	27																
4 / 17	.1	.4																4	4	4	13																
4 / 15		.1																1	1	3	8																
4 / 13																				1	6																
1 / 11		.4																3	3		9																
4 / 9		.6																5	5	3	3																
4 / 7		.1																1	1	6	1																
Element (X)	ΣX²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774566 SALINA MAP KS
 STATION STATION NAME

73-81 YEARS

NOV MONTH

PAGE 2 1900-2000
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	0.127	0.631	0.518	0.1	0.9	4.8	2.3	1.0	0.3	0.4									767		785															
																	785		785																	

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4156334	55736	71.0	15.932	785							90
Dry Bulb	1650281	34929	44.4	11.282	787	12.1	2.2	0.5				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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS STATION NAME

73-81 YEARS

NOV MONTH

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7436 SALINA MAP KS 73-81 NOV
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
/ 1		.1	.1																																2	2	2	
/ -1		.3																																2	2	2		
- / -3																																						5
- / -5																																						2
- / -7																																						2
- / -9																																						1
- / -11																																						1
- / -13																																						1
TOTAL		.643	.129	.1	9.7	6.2	2.9	1.4																											791	792	791	791

Element (X)	Σx^2	Σx	\bar{x}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	4769538	60332	76.3	14.575	791							
Dry Bulb	1415193	32287	47.8	11.186	791	.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) REVISD PREVIOUS EDITIONS OF THIS FORM AND DISOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74536 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		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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 / 85																																	3	3		
4 / 83																																	3	3		
7 / 81																																	8	8		
7 / 79																																	9	9		
7 / 77																																	12	12		
6 / 75																																	11	11		
4 / 73																																	12	12		
7 / 71																																	21	21		
7 / 69																																	47	47		
6 / 67																																	67	67	1	
6 / 65																																	69	69	6	
4 / 63																																	134	134	19	1
7 / 61																																	147	147	46	16
7 / 59																																	180	180	83	24
7 / 57																																	234	235	164	76
5 / 55																																	226	226	198	112
4 / 53																																	256	256	225	172
2 / 51																																	258	258	187	129
5 / 49																																	322	324	265	138
5 / 47																																	340	340	319	167
4 / 45																																	394	394	401	271
4 / 43																																	392	392	423	308
2 / 41																																	374	376	432	351
4 / 39																																	366	366	425	354
3 / 37																																	382	383	427	367
7 / 35																																	367	368	488	433
3 / 33																																	340	344	455	474
2 / 31																																	432	432	429	564
7 / 29																																	196	196	357	474
5 / 27																																	178	179	237	376
6 / 25																																	136	136	276	318
7 / 23																																	63	63	127	202
2 / 21																																	104	104	97	219
2 / 19																																	65	65	83	239
Element (X)	Z _X '	Z _X		X	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-26-5 (OL A) REVISION NOVEMBER 1964
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 17	.1	.3	.1															31	31	58	142														
1 / 15	.1	.2	.7															17	18	21	105														
1 / 13	.1	.3																24	24	24	62														
1 / 11	.1	.2																18	18	25	61														
1 / 9	.1	.3																19	19	16	41														
1 / 7	.1	.2																13	13	21	24														
1 / 5	.1	.1																8	8	9	18														
1 / 3	.1	.2																11	12	10	21														
1 / 1	.1	.1																9	9	13	20														
1 / -1	.1																	6	6	7	20														
1 / -3	.1																	6	6	6	18														
1 / -5																					12														
1 / -7																					9														
1 / -9																					6														
1 / -11																					5														
1 / -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						Total
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
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				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 SALINA MAP KS 73-81 DEC
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point														
57		.7																6	6																
55		.7																6	6	6	5														
53		.4																3	3	7	2														
51		.1		.1	.1													3	3	2	6														
49		.4	.1		.1													5	5	3	2														
47			.6	.4														8	8	2	3														
45		.2	.6															7	7	2	2														
43		.2	1.0	.5	.2													16	16	9															
41	.2	.7	.7	.2	.4													19	19	14	5														
39	.1	1.8	.7	.4	.1													26	26	21	8														
37	.9	3.5	1.3	.7	.1													54	54	35	29														
35	.4	5.5	2.4	.4														71	71	44	24														
33	1.6	5.9	2.7	.2														85	85	89	49														
31	2.2	7.4	2.8	.2														104	104	98	78														
29	1.2	4.3	1.7	.1														60	60	79	77														
27	1.5	6.2	1.2															73	73	73	63														
25	1.2	6.3	.6															67	67	86	57														
23	.5	3.7	.6															34	34	56	57														
21	1.6	3.7	.9															50	51	42	61														
19	.2	3.2	.1															28	28	43	71														
17	.2	1.3	.5															17	17	22	42														
15	.4	1.2	.7															19	19	17	26														
13		1.8	.1															16	16	13	37														
11	.1	1.3	.4															15	15	19	18														
9	.1	.7																7	7	16	18														
7		1.7																8	8	6	14														
5		.6																5	5	11	7														
3		.4																3	3	3	7														
1		.4																3	3	4	9														
-1		.2																2	2		11														
-3																				2	9														
-5																					7														
-7																					8														
-9																					4														
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFCTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 DEC
STATION MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
-1/-13																						1
-1/-15																						2
-4/-45																						1
TOTAL	12.4	63.3	19.9	3.3	1.1													820	821		820	
																		820			820	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						$\leq 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Dry Bulb	5157816	64110	78.2	13.329	820		.2	58.0				93
Wet Bulb	785655	24171	29.4	9.502	820		.2	60.9				93
Dew Point	695760	22658	27.6	9.177	820		.2	60.9				93
	588543	19021	23.2	11.447	820		4.9	77.7				93

USAFCTAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS STATION NAME

73-81 YEARS

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
69		.1	.1															2	2		
57		.4																3	3	2	1
55		.6																5	5	3	2
53		.2																2	2	7	3
51		.1			.1													2	2		6
49		.6		.2														7	7	2	
47	.1	.4		.1														5	5	5	6
45			.2	.2														4	4	3	1
43		.4	.1	.1														5	5	5	3
41		1.7	.9	.5														19	19	4	2
39	.5	2.1	.2	.2	.2													27	27	19	5
37	.7	3.9	.6	.7														49	49	38	21
35	1.3	4.2	1.5	.1														58	58	45	33
33	1.1	3.3	2.4	.1														57	58	58	36
31	2.8	9.2	2.0	.1														115	115	81	73
29	2.3	5.5	2.3															83	83	103	73
27	1.3	5.4	.9															62	62	73	55
25	1.3	6.5	.7															70	70	82	55
23	.9	3.8	.4															41	41	62	45
21	.9	3.2	1.0															41	41	45	60
19	.6	5.5	.2															52	52	36	75
17	.2	1.2	.2															14	14	39	36
15	.5	1.8	.5															23	23	22	42
13	.1	2.2																19	19	12	32
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
-3		.1																1	1		4
-5	.1	.1																2	2	3	12
-7																					5
Element (X)	Σ X	Σ X	X	X	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 724586 SALINA MAP KS STATION NAME: 73-81 YEARS: DEC MONTH: 0300-0500 HOURS (L. S. T.)
 PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / -9																					3
- / -11																					1
-1 / -13																					1
-1 / -17																					1
- / -21																					1
TOTAL	15	166	915	0	2	6												820		819	

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 YEARS DEC MONTH
 STATION STATION NAME
 PAGE 1 0600-2800 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		.4																3	3		
57			.4															3	3	3	3
53			.4															1	1	3	
51			.1															2	2	1	3
49			.2															2	2	2	3
47	.2	.4		.4	.1													9	9	5	5
45	.1	.1																2	2	3	2
43	.2		.2	.2														6	6	4	5
41	.1	1.0	.4	.4														15	15	4	2
39	.1	1.5	1.0	.2														23	23	13	6
37	.7	2.8	.9	.1														37	37	31	13
35	1.6	3.2	1.5	.6														55	55	46	28
33	1.8	4.3	1.1	.1														60	60	49	40
31	2.4	8.3	2.9	.1														113	113	83	74
29	3.0	5.6	.9	.2														80	80	97	68
27	.9	7.4	1.3															79	79	78	55
25	1.2	6.7	1.2															75	75	89	46
23	.4	2.6	.5															28	28	67	54
21	1.1	3.6	.1															40	41	35	81
19	1.2	5.3	.4															57	57	47	66
17	.5	2.2	.5															26	26	41	37
15	.9	1.7	.5															25	25	20	47
13	.4	2.3	.1															23	23	25	45
11	.5	1.3																15	15	22	27
9	.2	3.2																28	28	21	16
7		.9																7	7	20	11
5		.4																3	3	6	7
3	.2	.1																3	3	5	22
1	.2	.1																3	3	3	19
-1																					10
-3		.1																1	1	1	15
-5		.1																1	1		5
-7																				1	7
-9																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 2 600-0800 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B.-W.B. Dry Bulb	Wet Bulb Dew Point		
1/-15																			2		
2/-19																			1		
TOTAL	19.1	66.7	13.4	2.4	.1												823	823			

Element (X)	Σ X'	Σ X	X	s _A	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	5394167	65805	80.0	12.699	823							
Dry Bulb	680314	22436	27.2	9.184	823	.2	68.6					93
Wet Bulb	612374	21195	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 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74526 SALINA MAP KS 73-81 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1130
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 65				.1														1	1																
7 / 61		.2																2	2																
8 / 59				.1														1	1	3	1														
9 / 57				.1		.1												2	2		2														
5 / 55			.2				.1											3	3																
4 / 53			.1	.1	.2	.1	.2											7	7	3															
7 / 51		.1		.1	.2	.1												5	5	2	1														
6 / 49		.1	.4	.2	.6	.1	.1	.1										14	14	2	3														
7 / 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														
4 / 39	.4	1.6	1.8	1.7	.7													45	45	44	11														
3 / 37	.7	2.3	2.1	2.4	.2													64	64	53	19														
7 / 35	1.6	2.7	4.3	1.3	.1													82	82	62	47														
3 / 33	1.1	4.6	3.9	.5														83	84	68	48														
2 / 31	1.2	7.7	2.9	.2														93	93	117	76														
7 / 29	1.3	3.1	2.1	.1														51	51	129	76														
7 / 27	.9	5.4	1.0	.2														61	61	49	81														
7 / 25	.5	2.2	1.2	.1														33	33	62	79														
7 / 23	.2	1.5	.6	.1														20	21	31	56														
2 / 21	.2	2.6	1.2															33	33	27	57														
7 / 19	.2	1.3	1.0															21	21	27	53														
7 / 17		1.3	.7	.1														18	18	27	27														
10 / 15	.5	2.3	.4															26	26	24	32														
10 / 13		1.2	.4															13	13	21	21														
1 / 11		1.1	.4															12	12	14	16														
7 / 9		.7	.2															8	8	16	12														
7 / 7		.2																2	2	4	11														
7 / 5		.5																4	4	3	15														
7 / 3		.5																4	4	6	15														
7 / 1																				2	19														
7 / -1																					7														
7 / -3																					7														
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS 73-81 YEARS DEC MONTH
 PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
67					.1				.1									2	2																
65				.1	.2	.1		.2	.1	.2	.1							12	12																
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	22	1															
55					.1	.7	.7	.7	.4									22	22	4	2														
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														
49			.5	.6	2.4	1.2	.1	.1										40	42	12	5														
47		.2	.1	1.2	2.2	1.5												43	43	24	2														
45		.2	.6	2.5	2.2	1.2	.4											58	58	38	6														
43		.4	.6	2.2	1.5	.7	.1											45	45	36	4														
41		.9	1.1	2.2	1.6	.2												49	49	59	12														
39	.1	1.5	3.7	2.1	1.1	.1												64	65	78	17														
37	.5	2.5	2.2	2.2	.9													64	64	69	31														
35	.6	2.1	3.3	1.7	.1													64	64	95	55														
33	.7	3.5	2.1	.2	.1													54	55	81	47														
31	.4	1.7	1.4	1.0														70	70	79	102														
29	.4	1.4	1.1	.2	.1													26	26	45	83														
27	.4	1.4	1.7	.5														26	26	28	75														
25		1.2	1.6	.1														24	24	27	67														
23		.2	.4															5	5	17	48														
21		1.2	.7	.1														17	17	18	32														
19		.6	.7	.1														12	12	14	48														
17	.1	.9	.4	.1														12	12	15	33														
15	.1	1.7	.4															12	12	11	29														
13		1.2	.2															12	12	14	15														
11		.5	.1															5	5	11	13														
9		.1																1	1	5	13														
7			.2															2	2	2	17														
5																					3														
3																				2	7														
1																					7														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 DEC
STATION MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ -1																						7													
- / -3																						3													
- / -5																						2													
-1 / -13																						1													
- / -25																						1													
- / -71																						1													
TAL	3.5	22.3	22.3	18.2	16.0	10.1	3.7	2.4	1.0	.5	.1								810		808														
																		306		608															

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.	3300673	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

74586 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		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
69																	.1															1	1			
67																	.2																6	6		
65																	.2																10	10		
63																	.2																14	14		
61																	.4																15	15		
59																	.2																17	17	2	
57																	.1																22	22	4	1
55																	.5																32	32	6	2
53																	.2																22	22	13	3
51																	.2																42	43	8	1
49																	.2																44	44	23	4
47																	.1																58	58	35	8
45																	.1																42	42	41	12
43																	.5																52	52	46	13
41																	.2																48	48	44	14
39																	1.3																55	55	85	15
37																	.4																73	73	70	39
35																	.4																46	46	93	49
33																	.1																52	52	83	44
31																	.7																32	33	81	129
29																	.6																27	27	41	72
27																	.5																23	23	28	63
25																	.5																18	18	24	65
23																	.1																8	8	17	38
21																	.1																13	13	14	55
19																	.7																10	10	8	63
17																	.6																11	11	12	26
15																	.7																8	8	12	16
13																	.1																13	13	11	12
11																	.5																4	4	14	13
9																	.1																4	4	4	11
7																																			1	10
5																																		2	13	
3																																				8
Element (K)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
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	.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	1.2	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	1	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						Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISION 5/65 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704566 SALINA MAP KS 73-81 YEARS DEC MONTH

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
61		.2																2	2		
59																				2	2
57			.2															2	2		2
55		.9	.2															9	9	2	
53																				8	1
51	.1	.1	.1	.1	.2													6	6	2	9
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
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	2.7	.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	59	30
33	1.4	5.6	2.8	.2														81	81	77	59
31	2.2	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
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		1.7																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)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

724566 SALINA MAP KS 73-81 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																		
1 / 69																																			1	1			
2 / 67																																				8	8		
3 / 65					.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		21	21			
4 / 63					.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0																		21	21			
5 / 61		.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																			27	27			
6 / 59		.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0																		47	47	9	1		
7 / 57		.1	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0																		58	58	15	9		
8 / 55		.3	.1	.1	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0																		83	83	24	14		
9 / 53		.2	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0																		71	71	47	12		
10 / 51	.0	.1	.2	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0																		103	104	32	29		
11 / 49		.3	.3	.3	.7	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0																		139	139	49	24		
12 / 47	.1	.2	.2	.6	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0																		160	160	88	33		
13 / 45	.0	.2	.5	1.0	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0																		177	177	119	37		
14 / 43	.0	.4	.7	.9	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		209	209	139	47		
15 / 41	.0	.8	1.2	1.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		261	261	188	55		
16 / 39	.2	1.9	1.8	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		351	353	314	89		
17 / 37	.6	3.1	1.8	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		467	467	420	191		
18 / 35	.9	3.6	2.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		518	518	535	315		
19 / 33	1.1	4.5	2.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		565	568	585	376		
20 / 31	1.7	5.7	2.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		661	662	716	706		
21 / 29	1.3	3.8	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		459	459	650	596		
22 / 27	1.1	4.4	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		434	434	494	528		
23 / 25	.7	3.9	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		375	375	480	523		
24 / 23	.3	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		178	179	335	405		
25 / 21	.6	2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		235	237	228	442		
26 / 19	.4	2.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		228	228	211	494		
27 / 17	.2	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		139	139	195	271		
28 / 15	.3	1.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		140	140	136	241		
29 / 13	.1	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		121	121	124	206		
30 / 11	.1	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		88	88	131	148		
31 / 9	.1	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		83	83	93	119		
32 / 7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		38	38	77	93		
33 / 5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		19	19	37	88		
34 / 3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		18	18	26	78		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																												
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
/ 1	.2	.1																12	12	17	96															
/ -1	.2	.0																4	4	3	77															
- / -3		.1																2	2	3	46															
- / -5	.1	.0																3	3	3	52															
- / -7																				1	36															
- / -9																					13															
- / -11																					6															
- / -13																					3															
- / -15																					8															
- / -17																					3															
- / -19																					3															
- / -21																					1															
- 2 / -23																					3															
- 2 / -25																					2															
- / -31																					1															
- 2 / -33																					1															
- 3 / -35																					1															
- 3 / -37																					1															
- 2 / -39																					1															
- 4 / -45																					1															
TOTAL	9.9	48.1	21.5	9.5	5.4	3.1	1.4	.8	.2	.1	.1							524	6534	6524																

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	36172895	473703	72.5	16.973	6524							744
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 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774536 SALINA MAP KS 73-81 ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
112/111																		.7	5	5															
111/120																		.0	17	17															
110/177													.7	.0	.0	.0	.0	.0	41	41															
109/175											.0	.7	.0	.0	.0	.0	.0	.0	79	80															
108/173											.0	.0	.0	.0	.0	.0	.0	.0	111	112															
107/171										.7	.0	.0	.0	.0	.1	.0	.0	.0	189	189															
106/99									.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	319	319															
105/97								.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	502	525															
104/95								.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	566	566															
103/93						.0	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	661	661															
102/91					.0	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	782	782															
101/89					.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	956	956															
100/87					.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	1120	1120															
99/85			.0	.0	.1	.4	.3	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	1338	1339	6														
98/83		.7	.0	.0	.2	.4	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1497	1498	26														
97/81		.7	.0	.1	.4	.5	.5	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	1704	1705	91														
96/79		.0	.1	.3	.5	.7	.3	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	2003	2703	276														
95/77		.0	.2	.5	.6	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2193	2195	823														
94/75		.1	.4	.7	.5	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2345	2346	1888														
93/73	.0	.2	.6	.7	.3	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2396	2399	3048														
92/71	.0	.5	.7	.5	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2488	2491	3047														
91/69	.0	.7	.7	.5	.4	.3	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2631	2635	3635														
90/67	.0	.7	.7	.5	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2548	2554	3548														
89/65	.1	.7	.5	.5	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2367	2373	3097														
88/63	.1	.8	.6	.4	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2353	2355	3007														
87/61	.1	.8	.5	.4	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2312	2313	2704														
86/59	.1	.8	.5	.4	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2339	2340	2715														
85/57	.1	.7	.5	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2187	2191	2546														
84/55	.1	.8	.5	.4	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2261	2266	2606														
83/53	.1	.6	.5	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1997	2004	2463														
82/51	.1	.7	.5	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1951	1955	2233														
81/49	.1	.7	.6	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2025	2027	2483														
80/47	.1	.8	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1977	1979	2467														
79/45	.1	.8	.6	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2013	2014	2605														
Element (X)	Σx ²	Σx	X	Σx	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM AIR 34 0-26-5 (O.L.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 ALL MONTH ALL MONTH

PAGE 2

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																		
44/43	.1	.8	.7	.5	.3	.1	.0																										1953	1955	2310	2277			
42/41	.1	.9	.9	.6	.2	.0	.0																											1955	1958	2321	2288		
4 / 39	.2	.9	.9	.4	.2	.0																												2039	2042	2403	2420		
37/37	.2	1.2	.8	.4	.1	.0																												2080	2086	2348	2196		
37/35	.3	1.4	.9	.3	.0	.0																												2207	2211	2626	2616		
34/33	.5	1.6	.7	.1	.0																													2230	2239	2736	2676		
32/31	.6	2.0	.7	.1	.0																													2604	2609	2793	3740		
31/29	.5	1.2	.5	.0	.0																													1703	1703	2443	2909		
30/27	.3	1.3	.4	.0																														1494	1495	1783	2541		
30/25	.2	1.2	.3	.0																														1284	1285	1624	2314		
28/23	.1	.7	.2	.0																														742	743	1228	1658		
27/21	.3	.8	.2	.0																														954	957	938	1690		
27/19	.2	.8	.1	.0																														920	923	891	1744		
18/17	.1	.6	.1	.0																														638	638	791	1135		
17/15	.1	.6	.1	.0																														573	574	594	928		
15/13	.1	.6	.0																															550	550	530	770		
14/11	.1	.4	.0																															413	413	589	674		
13/9	.1	.5	.0																															474	474	466	579		
12/7	.0	.4	.0																															336	337	442	458		
11/5	.0	.2	.0																															159	159	290	333		
10/3	.1	.2																																216	217	276	396		
9/1	.1	.2																																208	209	233	547		
8/-1	.1	.0																																115	115	150	388		
7/-3	.1	.0																																85	85	90	258		
6/-5	.1	.0																																85	85	87	259		
5/-7	.1	.0																																44	44	57	176		
4/-9	.0																																	24	24	25	164		
3/-11	.0																																	15	15	15	94		
2/-13	.0																																	6	6	6	83		
1/-15	.0																																	7	7	7	62		
0/-17	.0																																	4	4	4	47		
-1/-19	.0																																	1	1	1	54		
-2/-21																																				24			
-3/-23																																					13		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																											
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

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

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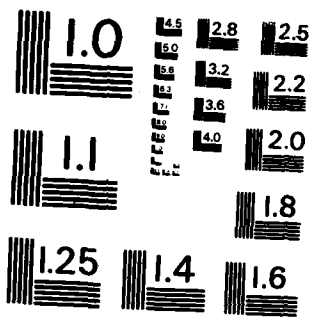
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

704586 SALINA MAP KS

73-81

STATION		STATION NAME												YEARS	
HRS	LIST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
		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
		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
		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
		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
		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
		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	11.609	12.818	12.059	22.769
		TOTAL OBS	823	747	819	781	815	792	825	816	788	824	779	824	9633
		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	13.367	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
		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
		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
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

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GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724536 SALINA MAP KS

73-81

STATION	STATION NAME	YEARS												
HRS	LS T	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
6-00	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
6-05	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
6-10	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
6-11	MEAN	22.5	28.2	38.2	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
11-14	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
11-17	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
11-20	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
11-23	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	829	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	6333	6418	6138	6362	6427	6304	6532	6310	6524	76341

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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	ANNA	
6-00	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
	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	876	796	776	698	726	771	783	817	798	820	9361
0-05	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
	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
6-09	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
	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
9-11	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
	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
12-14	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
	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
15-17	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
	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
18-21	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
	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
21-23	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
	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
ALL HOURS	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
	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

FEDERAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

4936 SALINA MAP KS 73-81 MAP
 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%		
MAY	05-31	100.0	100.0	99.8	93.5	93.4	85.2	71.5	53.2	26.2	7.7	676
	06-05	100.0	100.0	99.9	99.5	95.8	90.3	79.6	59.7	31.7	17.3	517
	06-06	100.0	100.0	100.0	99.6	96.7	90.9	79.1	57.2	30.9	16.1	516
	09-11	100.0	100.0	98.4	93.8	83.0	68.6	57.4	41.3	16.7	69.2	614
	10-14	100.0	99.1	90.0	76.9	61.0	45.5	31.4	14.2	11.0	59.1	518
	10-17	100.0	95.6	83.7	71.2	56.2	38.5	27.5	13.5	10.2	55.0	515
	10-20	100.0	99.4	94.1	85.1	72.9	58.2	39.7	21.2	11.7	54.3	507
	11-23	100.0	100.0	99.9	96.7	88.9	78.4	59.6	34.5	18.6	22.7	311
TOTALS		100.0	99.3	95.7	91.0	81.0	69.5	54.9	37.9	19.5	70.4	6499

2842

FEDERAL CLIMATOLOGY BRANCH
 USAPETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

4586 SALINA MAP KS 73-81 3DP

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		100.0	100.0	99.9	99.0	94.8	87.2	72.4	43.2	18.1	77.5	795
3-05		100.0	100.0	100.0	99.9	97.5	94.0	80.8	64.8	24.7	81.5	795
6-08		100.0	100.0	100.0	99.9	97.8	91.1	76.2	53.5	22.5	74.4	797
8-11		100.0	100.0	98.5	92.6	79.5	57.3	39.7	22.3	7.8	65.2	795
10-14		100.0	99.3	92.3	75.1	55.0	36.7	22.3	13.5	5.2	55.5	797
13-17		100.0	98.7	87.1	65.8	48.5	30.3	21.0	12.3	5.5	53.4	797
15-20		100.0	99.7	96.7	85.4	66.5	48.4	30.6	17.9	5.0	57.3	797
21-23		100.0	100.0	99.9	98.4	91.1	76.7	56.4	33.1	10.3	70.3	794
TOTALS		100.0	99.7	96.6	89.5	78.0	65.5	49.8	32.8	12.5	68.1	6377

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

44-66 SALINA MAP KS 73-91 JUL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	0-04	100.0	100.0	100.0	99.6	93.4	75.9	59.0	34.4	7.6	70.4	704
	05-09	100.0	100.0	100.0	99.5	95.4	86.3	73.7	45.6	14.9	75.0	789
	10-14	100.0	100.0	100.0	99.4	95.2	83.2	62.7	41.1	17.7	74.8	836
	15-19	100.0	100.0	97.4	85.8	64.7	38.9	23.3	11.5	1.7	57.9	817
	20-24	100.0	99.0	85.8	59.0	35.7	20.3	9.9	1.9	.7	47.0	818
	25-29	100.0	96.8	74.8	47.9	26.5	17.0	7.3	2.5	.4	41.0	825
	30-34	100.0	99.0	84.4	63.8	41.0	26.4	12.9	5.0	1.5	45.0	810
	35-39	100.0	100.0	99.4	92.2	75.6	55.2	36.3	16.8	2.5	63.3	790
	40-44											
	45-49											
	50-54											
	55-59											
	60-64											
	65-69											
	70-74											
	75-79											
	80-84											
	85-89											
	90-94											
	95-99											
	TOTALS	100.0	99.4	92.7	80.9	65.7	50.4	35.6	20.4	5.7	60.7	6367

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

4-26 DELINA MAP KS
STATION STATION NAME

73-31
PERIOD

ALL
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	99.1	96.6	90.5	78.5	58.1	34.0	17.3	70.5	6543
FEB		100.0	99.1	96.4	92.1	85.3	75.4	58.9	37.0	15.9	71.5	5981
MAR		100.0	99.3	95.7	90.0	81.7	69.5	54.9	37.9	19.5	70.4	6496
APR		100.0	99.7	96.8	89.5	78.8	65.5	49.8	32.8	12.7	68.1	6307
MAY		100.0	100.0	96.0	93.3	82.5	68.9	53.7	34.7	12.4	70.0	6418
JUN		100.0	99.4	95.5	85.5	72.7	57.8	42.6	27.3	9.4	64.7	6179
JUL		100.0	99.4	92.7	81.9	65.7	50.4	35.6	21.4	5.0	61.7	6367
AUG		100.0	99.4	95.0	84.6	70.7	55.1	38.6	24.7	6.7	63.1	6427
SEP		100.0	99.8	96.4	86.8	74.8	61.1	46.7	30.2	17.0	60.5	6374
OCT		100.0	99.0	93.6	83.7	71.9	57.9	42.7	28.2	12.6	64.7	6531
NOV		100.0	99.8	98.3	94.1	86.0	74.6	58.4	39.5	18.2	70.5	6310
DEC		100.0	99.7	98.7	95.2	87.9	75.9	58.5	38.8	14.8	70.5	6574
TOTALS		100.0	99.5	96.4	89.4	79.7	65.9	49.8	32.2	12.7	68.1	76341

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

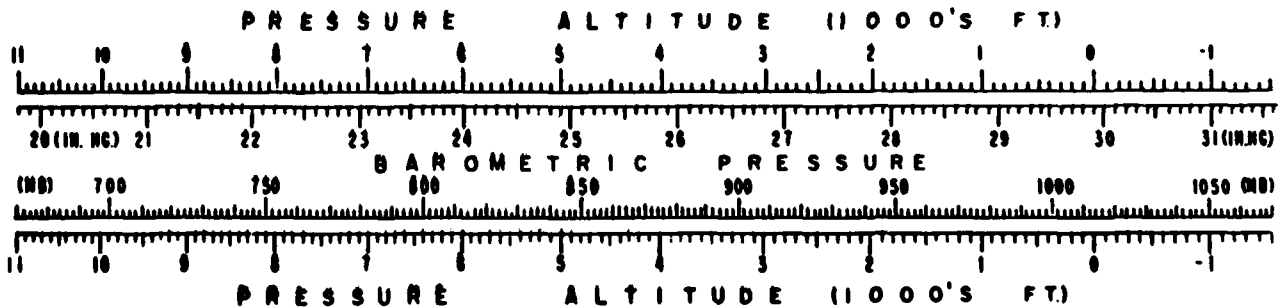
PRESSURE SUMMARY

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
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

704586 SALINA MAP KS

73-81

HRS (LST)	STATION NAME												ANNUAL	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
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
3	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	276	250	274	266	257	233	245	258	265	274	262	268	3130
6	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
0	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
10	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	269	248	277	263	271	263	268	271	261	270	262	274	3196
15	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
16	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
21	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
ALL HOURS	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

5
 NATIONAL CLIMATOLOGY BRANCH
 AF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

73-81
 STATION ALINA MAP MS
 STATION NAME

73-81

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN 1.215.1	119.71	114.21	113.41	112.31	112.31	113.71	114.21	115.41	115.71	113.61	119.1	116.7
	S.D. 9.031	9.218	8.925	7.366	6.313	5.677	3.514	4.354	5.328	7.233	7.986	9.194	7.977
	TOTAL OBS 273	249	275	264	259	237	243	258	261	271	266	271	3123
	MEAN 1.214.4	119.21	113.41	113.21	111.71	112.11	113.51	114.11	115.21	116.71	114.21	114.6	115.7
	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	8.334
	TOTAL OBS 273	252	274	266	257	232	245	259	265	274	263	270	3137
	MEAN 1.215.5	119.31	114.11	113.71	112.31	112.71	114.01	114.31	116.21	117.21	114.41	118.6	116.7
	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	8.091
	TOTAL OBS 277	248	275	262	259	265	273	269	264	274	264	272	3211
	MEAN 1.222.5	120.41	114.01	114.61	113.11	113.11	114.61	114.81	116.61	117.91	114.41	119.6	116.8
	S.D. 9.509	9.160	9.411	7.793	6.681	5.935	3.579	4.264	5.960	7.585	8.364	9.151	8.098
	TOTAL OBS 271	251	275	260	277	260	268	270	253	273	264	273	3196
1	MEAN 1.222.2	120.31	114.51	114.31	112.81	112.71	114.01	114.41	116.21	117.31	114.91	119.5	116.8
	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 1.220.1	119.31	112.51	112.71	111.41	111.41	112.61	112.81	114.51	115.41	117.01	117.7	114.7
	S.D. 9.597	8.898	9.141	7.436	6.495	5.718	3.616	4.146	5.804	7.344	8.149	9.056	7.857
	TOTAL OBS 269	246	273	262	259	266	276	272	262	276	257	273	3193
	MEAN 1.235.5	118.61	112.71	112.31	110.81	110.61	111.61	111.91	114.21	115.51	117.71	114.4	114.5
	S.D. 9.322	8.779	8.813	7.138	6.192	5.613	3.669	4.275	5.747	7.224	8.097	8.942	7.910
	TOTAL OBS 273	247	262	256	265	262	273	266	266	271	263	269	3172
	MEAN 1.212.3	119.71	113.81	113.31	111.51	111.31	112.61	113.11	115.21	116.41	113.21	119.4	115.5
	S.D. 9.403	8.670	8.665	7.240	6.141	5.400	3.586	4.206	5.810	7.169	8.324	8.957	7.857
	TOTAL OBS 273	249	273	264	273	264	276	269	262	275	263	270	3210
ALL HOURS	MEAN 1.021.4	1019.4	1013.9	1013.4	1012.0	1012.0	1013.3	1013.7	1015.4	1016.7	1014.3	1014.9	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

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