

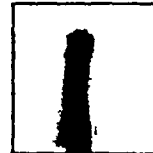
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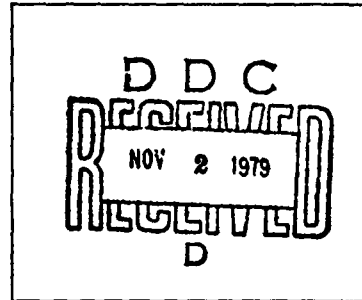
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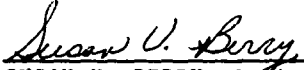





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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 79/073	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Fort Leavenworth, Leavenworth, Kansas		5. TYPE OF REPORT & PERIOD COVERED Final rept.
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO                      Daily temperature                      Atmospheric pressure Snowfall                      Extreme snow depth                      Extreme surface winds Climatology                      Sea-level pressure                      Psychrometric summary Surface Winds                      Extreme temperature                      Ceiling versus visibility Relative humidity                      *Climatological data                      (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Forth Leavenworth, KS 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. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* Kansas

\* Fort Leavenworth, Ks

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

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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

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

### DAILY OBSERVATIONS

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

### DESCRIPTION OF SUMMARIES

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

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

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

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

### MISSING HOUR GROUPS

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

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY 13921	STATION NAME FORT LEAVENWORTH KANS/SHERMAN, AAF	LATITUDE N 39 22	LONGITUDE W 094 55	STATION ELEV (FT) 780	CALL SIGN KFLV	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 NSL		OBS PER DAY
			FROM	TO			STATION (FT)	HGT-FT TYPE-BAROMETER	
1	Sherman field AAB Kansas	AAF	Feb 37	Mar 38	N 39 22	W 094 55	774	774	4Daily
2	Same	Same	Apr 38	Aug 38	Same	Same	Same	Same	14Daily
3	Same	Same	Sep 38	Feb 44	Same	Same	783	786	24
4	Same	Same	Mar 44	May 48	Same	W 094 54	Same	Same	24
5	Sherman AFB Kansas	AFB	Jun 48	May 49	Same	Same	Same	Same	24
6	Same	Same	Jun 49	Oct 53	Same	W 094 55	779	Same	24
7	Sherman AAF Kansas	AAF	Jan 62	Dec 65	Same	Same	Same	785	24
8	Same	Same	Jan 66	Mar 66	Same	Same	Same	Same	18Daily
9	Same	Same	Apr 66	Sep 66	Same	Same	Same	Same	24
10	Same	Same	Oct 66	Sep 68	Same	Same	780	Same	24
11	Same	Same	Oct 68	Nov 68	Same	Same	Same	Same	19Daily
12	Same	Same	Dec 68	Jun 71	Same	Same	Same	Same	24
13	Same	Same	Jul 71	Dec 72	Same	Same	Same	Same	12to17 Daily

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	Feb 37to Dec 41	Located on Hangar # 1.	Selsyn	None	45 Ft	
2	Jan 42to May 48	Same	Same	ML-144B	Same	
3	Jun 48to Feb 53	Located on the Hangar.	Same	Same	40 Ft	
4	Mar 53to Oct 53	Same	AN/GMQ-1	ML-204	Same	
5	Jan 62to Sep 66	Located on the roof of Control Tower.	AN/GMQ-1	RO-2	73 Ft	
6	Oct 66to 15Mar 69	Located 750 ft SSE of ROS.	Same	Same	15 Ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT ABOVE GROUND
7	16Mar 69 to Jun 70	Same	Same	RO-362	Same	
8	Jul 70 to Dec 72	Located 500 ft E of centerline, near center of Rwy 15/33.	AN/GMQ-20	Same	Same	



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A

PART A

WEATHER CONDITIONS

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

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

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	3.8	1.0	6.6	.0	11.3	14.9	6.9	1.1	.0	21.2	18664
FEB		.1	4.1	1.1	6.0		11.0	13.7	6.2	.4	.1	19.1	16676
MAR		.7	6.0	.5	5.6	.0	11.8	9.2	5.7	.6	.3	14.8	18325
APR		2.0	9.7	.0	.6	.0	10.1	7.3	3.8		.1	10.8	18275
MAY		3.0	7.9		.0	.0	7.9	7.3	2.8		.2	9.7	19136
JUN		4.7	7.2			.0	7.2	6.4	2.8		.0	8.8	18584
JUL		3.2	4.5			.0	4.5	5.5	3.1			7.8	19460
AUG		3.2	5.5				5.5	8.3	6.6		.0	13.5	19113
SEP		2.0	6.6			.0	6.6	11.0	5.3		.0	14.7	18645
OCT		1.2	6.0		.1		6.0	9.2	4.9			12.9	18949
NOV		.3	6.2	.1	1.8		7.9	9.6	5.2	.1	.0	14.0	18210
DEC		.1	4.8	1.1	5.7	.0	11.3	14.0	7.2	.4	.1	19.7	18899
TOTALS		1.7	6.0	.3	2.2	.0	8.4	9.7	5.0	.2	.1	13.9	222936

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72  
STATION NAME 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 AN%/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.2	4.5	.9	5.8		10.9	15.4	5.5	.9		20.3	2229
	03-05	.1	3.9	1.5	6.6		11.7	16.2	5.2	1.0		21.0	2228
	06-08	.1	4.2	.9	7.0		11.7	19.4	7.7	.9	.0	25.5	2358
	09-11	.1	4.0	1.1	8.9		13.8	17.6	10.9	1.0	.0	27.5	2382
	12-14	.0	3.4	1.1	7.6		11.9	13.1	8.1	1.3	.0	21.0	2383
	15-17	.1	3.5	.8	6.3	.0	10.3	11.3	7.2	1.2	.0	18.2	2381
	18-20	.2	4.0	.8	5.7		10.3	12.4	6.0	1.1		17.8	2354
	21-23	.3	3.2	1.1	5.2		9.4	14.0	4.7	1.3		18.4	2349
TOTALS		.1	3.8	1.0	6.6	.0	11.3	14.9	6.9	1.1	.0	21.2	18664

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.6	4.4	1.5	5.9		11.9	12.7	4.2	.3	.2	16.4	1936
	03-05	.1	3.8	1.3	6.0		11.0	16.7	4.7	.1	.1	20.1	1941
	06-08	.0	3.9	.8	5.9		10.6	20.5	9.1	.4		27.1	2131
	09-11		4.0	1.0	7.1		11.8	17.5	9.8	.5	.1	25.2	2150
	12-14		4.4	1.0	6.5		11.5	12.0	6.6	.5	.5	18.6	2156
	15-17	.0	4.3	1.1	5.1		10.3	10.3	5.1	.4	.0	15.4	2152
	18-20	.1	4.5	1.0	5.3		10.3	10.6	5.6	.4	.1	16.0	2103
	21-23	.1	3.6	.8	5.9		10.2	9.5	4.2	.6	.1	13.7	2107
TOTALS		.1	4.1	1.1	6.0		11.0	13.7	6.2	.4	.1	19.1	16676

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45,47-53,62-72  
YEARS

MAR  
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.
MAR	00-02	.9	6.7	.8	6.1	.0	13.3	7.9	3.9	1.0		12.5	2134
	03-05	1.1	6.9	.8	5.4		12.9	12.0	4.4	.7		16.3	2136
	06-08	.6	6.1	.6	6.0		12.4	19.0	7.9	.4	.0	24.8	2342
	09-11	.6	5.6	.5	6.5		12.2	10.4	8.5	.2	.3	18.3	2366
	12-14	.3	5.9	.3	4.9	.0	10.7	7.1	6.0	.3	.5	13.0	2366
	15-17	.3	6.1	.3	5.2	.0	11.2	5.4	4.9	.3	.8	11.1	2365
	18-20	.7	5.6	.4	4.7		10.6	6.0	5.5	.5	.6	12.2	2301
	21-23	.9	5.4	.3	5.6		11.1	5.6	4.1	1.0	.2	10.5	2309
TOTALS		.7	6.0	.5	5.6	.0	11.8	9.2	5.7	.6	.3	14.8	18325

2  
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 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	2.2	9.4		.4		9.6	7.0	2.8			9.4	2150
	03-05	3.0	10.6		.7		11.1	10.8	3.1			13.3	2188
	06-08	1.2	9.7	.1	.6	.0	10.3	14.5	6.7		.1	20.1	2329
	09-11	1.0	8.0	.0	.5		8.5	6.7	5.2		.3	11.7	2343
	12-14	1.2	8.1		.8		8.6	4.6	3.7		.0	8.0	2350
	15-17	1.8	9.9		.7	.0	10.3	4.5	3.2		.3	7.9	2349
	18-20	2.9	10.6		.6	.1	11.0	5.3	3.2		.1	8.5	2319
	21-23	2.7	10.9		.5	.1	11.2	5.3	2.5		.1	7.4	2247
TOTALS		2.0	9.7	.0	.6	.0	10.1	7.3	3.8		.1	10.8	18275

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921      FORT LEAVENWORTH KANS/SHERMAN AAF      37-53,62-72      MAY  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	4.4	7.5				7.5	10.5	1.5			11.5	2252
	03-05	4.1	9.6				9.6	17.6	2.4			18.8	2316
	06-08	2.2	8.2		.1		8.3	13.2	6.2		.1	17.9	2453
	09-11	1.4	7.8				7.8	4.4	4.7		.4	9.2	2449
	12-14	1.7	6.6		.1	.0	6.7	2.7	2.4		.4	5.1	2455
	15-17	3.1	7.9		.1		8.0	2.2	1.9		.5	4.4	2453
	18-20	3.8	8.1				8.1	3.2	1.4		.2	4.7	2425
	21-23	3.6	7.5			.0	7.5	4.8	1.5		.0	6.0	2333
TOTALS		3.0	7.9		.0	.0	7.9	7.3	2.8		.2	9.7	19136



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**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	7.8	9.3			.0	9.3	8.3	1.6			9.6	2222
	03-05	7.4	10.2				10.2	16.6	1.9			17.9	2285
	06-08	4.8	9.6				9.6	13.1	5.0			16.6	2365
	09-11	2.2	6.6				6.6	4.4	4.2			8.2	2366
	12-14	2.4	5.4				5.4	2.4	3.0			5.1	2367
	15-17	1.8	3.7				3.7	1.1	2.5		.0	3.6	2363
	18-20	5.0	6.1			.1	6.1	2.0	2.2			4.2	2343
	21-23	5.9	7.0				7.0	3.3	2.2		.0	5.2	2273
TOTALS		4.7	7.2			.0	7.2	6.4	2.8		.0	8.8	18584

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	5.1	5.0				5.0	8.3	1.8			9.0	2310
	03-05	6.1	7.8				7.8	16.0	2.3			16.8	2384
	06-08	3.6	7.8			.0	7.8	12.5	7.0			17.2	2501
	09-11	1.6	4.3				4.3	1.9	5.8			7.4	2499
	12-14	1.1	3.1				3.1	.6	2.6			3.0	2501
	15-17	2.5	3.4			.0	3.4	.6	1.6			2.2	2505
	18-20	3.0	2.3				2.3	1.1	1.4			2.2	2403
	21-23	2.8	2.4				2.4	3.1	1.9			4.3	2357
TOTALS		3.2	4.5			.0	4.5	5.5	3.1			7.8	19460

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHERHAN AAF  
STATION NAME

37-53,62-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	5.1	6.1				6.1	12.1	4.4			14.6	2236
	03-05	4.5	7.3				7.3	20.2	3.3		.0	21.7	2314
	06-08	3.0	7.8				7.8	19.3	11.4		.0	27.1	2489
	09-11	2.1	6.2				6.2	4.3	11.4			15.1	2485
	12-14	1.2	3.8				3.8	1.8	6.1			7.5	2479
	15-17	1.8	3.6				3.6	1.1	5.1			6.1	2476
	18-20	3.1	4.3				4.3	2.2	5.5			7.0	2347
	21-23	4.5	4.9				4.9	5.2	5.8			9.1	2287
TOTALS		3.2	5.5				5.5	8.3	6.6		.0	13.5	19113

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 SEP  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	3.6	8.2				8.2	15.4	3.9			17.3	2130
	03-05	2.7	8.5				8.5	23.1	3.1			24.4	2248
	06-08	1.8	7.3				7.3	24.0	9.6			29.8	2450
	09-11	1.1	6.0				6.0	6.3	8.2			13.5	2444
	12-14	.9	6.3				6.3	2.7	4.7		.0	6.8	2446
	15-17	1.8	6.1			.0	6.1	2.5	4.2			5.9	2446
	18-20	1.4	4.7				4.7	4.6	5.2			8.9	2296
	21-23	3.0	6.0				6.0	9.2	3.5			11.3	2185
TOTALS		2.0	6.6			.0	6.6	11.0	5.3		.0	14.7	18645

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHER IAN AAF 37-53,62-72  
STATION NAME YEARS

OCT  
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.
OCT	00-02	1.5	5.9				5.9	9.7	3.8			12.4	2092
	03-05	1.9	7.2				7.2	15.3	3.4			17.1	2237
	06-08	.9	6.3		.1		6.3	21.8	7.5			26.0	2501
	09-11	.7	6.4		.0		6.4	7.6	8.7			15.3	2502
	12-14	.6	6.1				6.1	4.2	4.0			7.6	2505
	15-17	.9	5.5		.1		5.5	4.2	3.1			6.7	2512
	18-20	1.1	4.6		.3		4.8	4.6	4.5			8.2	2356
	21-23	1.9	5.7		.0		5.7	6.4	4.4			9.7	2244
TOTALS		1.2	6.0		.1		6.0	9.2	4.9			12.9	18949

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
STATION NAME 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	00-02	.3	5.6		1.7		7.1	11.2	2.7	.1		13.2	2112
	03-05	.3	5.3	.1	1.6		7.0	11.4	2.3	.2		13.1	2099
	06-08	.0	5.6		2.1		7.6	18.5	6.2	.1		22.4	2303
	09-11	.3	5.7		2.1		7.6	10.7	9.6	.2	.0	18.9	2354
	12-14	.4	6.6	.1	1.4		8.0	5.1	5.7	.1	.1	10.5	2352
	15-17	.4	7.1	.2	1.6		8.4	5.3	5.4	.1	.1	10.7	2354
	18-20	.4	7.5	.2	1.8		9.2	6.4	5.2			11.3	2316
	21-23	.5	6.3	.0	2.2		8.3	7.9	4.3			11.7	2320
TOTALS		.3	6.2	.1	1.8		7.9	9.6	5.2	.1	.0	14.0	18210

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13921  
 STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
 STATION NAME YEARS

DFC  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		5.0	.9	6.6		12.5	13.2	4.9	.4		16.8	2228
	03-05		4.6	1.0	5.8	.0	11.2	13.8	4.7	.6		17.2	2230
	06-08		4.2	1.7	5.3	.1	10.9	19.4	7.5	.5		24.5	2378
	09-11	.2	4.3	1.1	6.7		11.8	17.2	11.8	.5	.1	26.4	2431
	12-14	.2	4.7	1.1	5.7		11.2	11.4	8.7	.5	.1	19.3	2427
	15-17	.2	5.1	.7	5.4		11.1	11.2	8.3	.3	.3	18.4	2432
	18-20	.1	5.2	.9	4.4		10.3	11.9	6.4	.3	.2	17.6	2389
	21-23	.2	5.1	1.0	5.6		11.4	13.5	5.2	.4	.0	17.5	2384
TOTALS		.1	4.8	1.1	5.7	.0	11.3	14.0	7.2	.4	.1	19.7	18899

## 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.



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
**WEATHER CONDITIONS**  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

13921      FORT LEAVENWORTH KANS/SHERMAN AAF      46-53, 62-72      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	1.9	20.7	6.8	23.4	.3	35.5	32.8	22.4	5.0		45.6	577
FEB		3.1	26.2	7.0	23.7	.4	38.6	38.1	25.4	1.9	.4	47.0	515
MAR		8.1	30.4	3.4	21.7	1.6	42.3	35.1	21.9	3.6	.4	44.6	558
APR		19.8	45.8	.2	3.7	2.4	45.7	33.0	15.7			38.0	540
MAY		27.2	46.0		.4	2.3	44.0	35.3	18.6			40.3	566
JUN		33.9	43.1			2.1	40.9	34.7	18.2			39.6	570
JUL		27.4	38.6			.5	35.4	34.8	16.9			38.2	587
AUG		25.1	37.7			.5	33.6	39.0	28.2		.2	44.7	589
SEP		20.9	39.4			.7	35.8	48.4	24.9			52.6	570
OCT		9.9	29.8		1.0		27.4	33.7	17.0			37.4	583
NOV		4.1	25.6	.7	10.7	.2	30.7	32.1	23.9	.7		41.7	540
DEC		2.0	23.5	4.3	20.8	.2	35.0	35.5	26.8	2.9		46.9	557
TOTALS		15.3	33.9	1.9	8.8	.9	37.1	37.1	21.7	1.2	.1	43.0	6752

U S AIR FORCE  
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APPLICATIONS CENTER

C PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

Continued on Reverse Side

- 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 date blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

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

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

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 3R-53, 62-72

STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	.06-10	.11-25	.26-50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	59.0	21.5	2.8	4.8	2.7	3.7	2.2	2.1	.4					18.9	748	1.16	4.05	.05
FEB	54.5	26.1	2.7	4.5	3.2	4.1	2.3	1.8						19.0	658	.39	2.42	TRACE
MAR	55.0	19.5	3.0	6.0	4.0	4.7	4.4	2.4	1.5	.1				26.9	744	2.37	5.63	.25
APR	51.3	16.3	2.3	5.9	4.4	7.0	4.8	4.4	2.7	.3				32.4	740	3.48	7.25	.74
MAY	51.1	14.3	2.2	7.0	4.0	6.3	5.5	6.9	2.6	.3				34.6	783	3.94	7.11	.94
JUN	53.4	13.2	1.9	2.8	3.0	5.2	7.0	5.8	6.7	1.0				33.5	774	6.10	10.27	1.56
JUL	61.7	12.4	1.7	3.9	2.6	4.2	4.1	3.5	3.5	.4				25.9	804	3.89	10.15	.30
AUG	61.4	12.8	2.0	5.6	1.4	5.1	3.7	2.9	4.2	1.0				23.8	806	4.07	3.73	.57
SEP	61.5	10.7	2.6	3.0	2.7	3.5	3.3	6.1	2.2	.4				27.3	766	3.42	11.24	.71
OCT	68.0	11.1	1.6	4.6	1.6	4.4	2.9	3.3	2.1	.4				20.9	800	2.69	14.58	.02
NOV	63.5	16.4	2.1	3.7	3.1	4.3	3.7	1.7	1.1		.1			20.1	750	1.86	6.52	.01
DEC	59.8	19.4	2.6	3.3	2.7	4.7	2.7	1.3	1.6					20.8	774	1.66	4.23	.28
ANNUAL	58.3	16.1	2.4	5.0	2.9	4.9	3.9	3.7	2.4	.3	.0			25.5	9155	35.53		

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 30-53, 62-72  
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
38													
39			1.99	2.15	.68	1.90	.16	2.51	.71	.33	1.46	.57	
40	1.71	.35	1.34	1.04	1.29	1.30	3.17	2.22	.94	.83	.59	.81	3.17
41	1.08	.12	.53	.74	.93	1.87	.46	3.00*	1.09	3.37	.14	1.29	3.37
42	.30	.81	.99	.74	1.86	1.87	1.15	1.22	1.69	2.55	.64	.83	2.55
43	.03	.52	.36	.41	1.56*	2.72	2.04	.58	.68	.87	.45	1.49	* 2.72
44	.17	.52	1.60	2.28	.69	.87	1.58	1.95	1.47	.60	2.00	2.47	2.47
45	.16	.43	1.53	2.60	2.13	1.94	1.32	.61	1.76	.13	.53	1.80	2.60
46	.86*	TRACE			.69	2.63	.80	2.56	1.00	1.69	.75	1.72	
47	.58	.31	2.25	2.06	1.22	2.71*	1.00	.57	2.10	2.25	.65	1.54	2.71
48	.31	.50	4.10	.66	.90	1.82	1.20	2.24	1.13	1.00	1.33	.15	4.10
49	.82	.15	1.18	.80	1.10	3.26	.60	1.09	2.05	2.18	.50	.57	3.26
50	.24	.76	.09	.66	2.05	.69	3.25	1.89	1.00	.50	.17	.75	3.25
51	.58	.52	1.60	2.08	.50	1.68	3.67	2.61	1.91	.59	.40	.26	2.67
52	.11	.15	.76	.90	.84	1.71	1.38	1.04	1.27	.02	.96	1.06	1.71
53	.10	.86	.91	1.40	.81	1.13	.47	.64	.83*	.06			
52	* .80	.85	1.16	.42	3.36	1.13	.86	2.67	1.57	1.22	.49	.42	3.36
63	.42	.24	1.49	.30	2.60	2.01	1.62	2.66	.90	.94	.38	.12	2.66
64	.25	.55	.82	1.32	1.21	1.64	.67	2.79	.81	.02	5.12	.66	5.12
65	1.34	.83	1.03	.80	1.03	2.67*	2.11	1.18	2.83	.45	.26	1.35	2.83
66	* .30			.59	.43	2.89	.43	1.70	1.36	.22	.04	.34	
67	.57	.19	.46	2.46	1.40	1.92	.77	.30	1.88	1.96	.42	.59	2.46
68	.26	.27	.37	1.69	.92	.81	2.47	1.54	1.18	1.82	.95	.91	2.47
69	.74*	.12	.88	2.85	1.80	2.07	.67	1.92	.58	1.20	.01	.24	2.85
70	.03	.37	.40*	1.52	1.52	1.06	1.05	1.55	4.29	1.64	.72	1.44	4.29
71	.38	.65	.40	.29	.75	1.38	.87	2.03	.96	1.40	1.92	1.10	2.03
72	.35	.10	1.16	1.09	1.06	2.52	1.84	2.51	1.30	.60	1.33*	.58	2.52
MEAN	.500	.424	1.142	1.274	1.282	1.854	1.331	1.753	1.434	1.094	.888	.922	2.962
S D	.420	.268	.836	.785	.686	.694	.849	.813	.789	.876	1.031	.594	.764
TOTAL OBS	748	658	744	748	783	774	804	806	766	800	750	774	9155

NOTE \* (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH  
 USAF/ETAC/DL A  
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72  
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
38													
39			2.83	4.48	1.45	5.43	.38	4.21	.71	.58	2.34	.97	
40	3.25	1.22	1.79	3.40	4.65	4.13	5.01	7.44	1.79	2.34	3.07	2.01	40.10
41	3.74	.18	1.36	2.69	3.08	5.45	1.37	6.37*	4.69	14.58	.52	1.97	*46.00
42	.33	2.42	1.29	1.76	5.49	4.61	3.50	5.45	3.64	3.72	1.83	1.53	35.57
43	.06	.57	.67	1.18	4.27*	10.07	7.44	1.26	2.81	1.50	.42	2.13	*32.48
44	.37	1.41	3.44	6.64	3.71	2.64	4.58	7.72	2.34	1.13	5.73	4.23	43.94
45	.55	.59	5.04	5.83	6.11	7.99	1.77	.68	4.39	.26	.79	2.64	36.64
46	2.23*	TRACE			.94	7.79	1.67	4.86	3.89	2.42	1.20	1.73	
47	.96	.34	5.63	7.25	5.49	10.18*	1.36	.57	3.35	4.43	2.10	2.79	*44.45
48	.36	1.28	5.53	.86	2.06	6.74	3.75	2.60	2.34	1.92	1.82	.29	29.55
49	4.05	.25	2.51	2.16	3.96	8.41	2.86	2.44	4.24	3.57	.79	1.34	36.58
50	.66	1.16	.25	1.40	7.11	1.56	10.15	6.28	1.81	.75	.26	.75	32.14
51	.85	.70	3.80	3.42	2.67	10.03	8.48	9.73	6.00	2.29	.97	.95	49.89
52	.22	.48	2.92	2.92	4.06	3.49	3.86	3.42	2.03	.02	2.33	1.63	27.38
53	.11	2.14	3.66	3.40	2.64	2.07	.55	1.40	.93*	.06			
62	* 2.39	2.30	1.39	.74	6.19	3.15	3.64	4.49	5.10	3.08	1.52	.87	*34.86
63	1.05	.26	1.80	.81	4.53	4.92	2.60	3.43	1.55	1.70	.82	.28	23.75
64	.50	1.28	2.39	7.04	3.66	9.49	2.40	4.43	1.43	.04	6.52	1.43	40.61
65	2.87	1.49	2.64	1.18	2.76	9.05*	9.12	3.33	6.78	.53	.28	2.06	*42.09
66	* .38			2.39	1.06	6.89	2.19	4.88	2.54	.58	.08	.58	
67	1.16	.30	1.49	6.52	5.60	10.27	2.68	.65	4.53	7.58	.55	2.18	43.51
68	.71	.41	1.01	6.49	3.83	2.26	8.12	6.07	1.72	4.14	2.67	1.98	39.41
69	1.24*	.27	1.53	7.01	4.68	10.04	3.52	3.12	1.88	4.29	.01	.71	*38.30
70	.05	.40	.87*	2.71	4.96	5.31	1.12	3.39	11.24	3.42	1.64	2.26	*37.37
71	.50	1.54	.80	1.21	3.49	3.73	3.30	2.28	4.03	2.57	3.42	2.56	29.43
72	.45	.41	2.22	3.62	3.92	2.82	5.77	5.38	3.03	2.45	4.64*	1.61	*36.32
MEAN	1.162	.892	2.369	3.484	3.937	6.097	3.892	4.072	3.415	2.690	1.857	1.659	37.290
S. D	1.195	.712	1.510	2.265	1.584	2.954	2.733	2.344	2.228	3.004	1.722	.900	6.475
TOTAL OBS.	748	658	744	748	783	774	804	806	766	800	750	774	9155

NOTE \* (BASED ON < FULL MONTHS)

2 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72  
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	74.0	17.4	2.0	2.0	2.0	.7	.2	.4	.4					8.5	562	4.6	15.4	TRACE	
FEB	73.6	18.6	2.5	2.3	1.6	.4	.6	.2	.2					7.8	488	3.2	14.0	.0	
MAR	75.0	15.9	2.8	3.0	1.3	.8	.2	.6	.4					9.1	527	4.5	16.1	TRACE	
APR	95.7	3.9	.2				.2							.4	540	.3	4.3	.0	
MAY	99.6	.2													566	TRACE	TRACE	.0	
JUN	100.0														568	.0	.0	.0	
JUL	100.0														587	.0	.0	.0	
AUG	100.0														589	.0	.0	.0	
SEP	100.0														570	.0	.0	.0	
OCT	99.5	.5													583	TRACE	TRACE	.0	
NOV	86.3	9.3	.7	.9	.6		.2							2.4	540	.8	5.9	.0	
DEC	76.7	14.5	2.5	3.6	.7	1.1	.5	.2	.2					8.8	557	4.0	11.4	TRACE	
ANNUAL	90.2	6.7	.9	1.0	.5	.2	.2	.1	.1					3.1	6677	17.4			

DATA PROCESSING BRANCH  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/HAC

**EXTREME VALUES**  
 SNOWFALL

(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72  
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
38													
39													
40													
41													
42													
43													
44													
45													
46	.5*	.0			*.0*	.0	.0	.0	.0	.0	TRACE	.2	
47	5.2	4.5	7.0	TRACE	.0	.0*	.0	.0	.0	.0	TRACE	.2	7.0
48	6.2	1.8	5.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.2
49	9.4	1.5	.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.0	9.4
50	.9	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.5	7.5
51	4.4	TRACE	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	2.9	4.4
52	2.2	1.5	7.5	TRACE	.0	.0	.0	.0	.0	.0	4.0	4.0	7.5
53	1.0	TRACE	6.0	TRACE	.0	.0	.0	.0	.0*	.0			
62	*6.6	4.0	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.9	*6.6
63	3.0	2.1	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8	3.0
64	3.3	2.2	1.9	.0	.0	.0	.0	.0	.0	.0	1.5	1.0	3.3
65	1.7	8.3	1.9	.0	.0	.0*	.0	.0	.0	.0	.0	1.1	8.3
66	*TRACE			TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	4.9	
67	4.8	1.9	.3	TRACE	.0	.0	.0	.0	.0	TRACE	.1	4.3	4.8
68	1.7	2.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	2.7
69	.7*	.1	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8	1.8
70	1.7	TRACE	1.0	4.3	.0	.0	.0	.0	.0	TRACE	TRACE	1.3	4.3
71	2.2	4.4	3.2	TRACE	.0	.0	.0	.0	.0	.0	1.3	TRACE	4.4
72	2.0	1.1	.4	TRACE	.0	.0	.0	.0	.0	.0	2.2*	1.2	2.2
MEAN	3.03	2.01	2.12	.26	TRACE	.00	.00	.00	.00	TRACE	.51	2.34	5.21
S D	2.479	2.186	2.611	1.012	.000	.000	.000	.000	.000	.000	1.087	2.018	2.331
TOTAL OBS.	567	488	527	540	566	568	587	589	570	583	540	557	6677

NOTE \* (BASED ON < FULL MONTHS)



DATA PROCESSING BRANCH  
 USAF/ETAC/DL A  
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72  
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
38													
39													
40													
41													
42													
43													
44													
45													
46	.9*	.0			*.0*	.0	.0	.0	.0	.0	TRACE	.3	
47	5.4	4.9	16.1	TRACE	.0	.0*	.0	.0	.0	.0	TRACE	.2	* 26.6
48	8.2	3.7	10.1	.0	.0	.0	.0	.0	.0	.0	.1	4.8	26.9
49	15.4	1.9	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.2	22.5
50	.9	TRACE	.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.5	9.0
51	4.4	TRACE	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	7.5	12.3
52	3.2	2.5	13.9	TRACE	.0	.0	.0	.0	.0	.0	5.9	8.4	33.9
53	1.0	TRACE	9.7	TRACE	.0	.0	.0	.0	.0*	.0			
62	* 10.8	6.1	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	5.6	* 23.2
63	8.3	2.1	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	13.9
64	4.5	3.5	3.3	.0	.0	.0	.0	.0	.0	.0	1.9	2.4	15.6
65	4.0	8.5	10.1	.0	.0	.0*	.0	.0	.0	.0	.0	1.1	* 23.7
66	*TRACE			TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	6.3	
67	5.6	1.9	.3	TRACE	.0	.0	.0	.0	.0	TRACE	.1	11.4	19.3
68	3.8	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	8.1
69	.7*	.2	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	4.2	* 5.4
70	2.7	TRACE	1.9	4.3	.0	.0	.0	.0	.0	TRACE	TRACE	2.3	* 11.2
71	3.7	14.0	7.7	TRACE	.0	.0	.0	.0	.0	.0	1.9	TRACE	27.3
72	3.4	4.2	.4	TRACE	.0	.0	.0	.0	.0	.0	5.3*	3.3	* 16.6
MEAN	4.57	3.21	4.51	.26	TRACE	.00	.00	.00	.00	TRACE	.84	4.03	16.47
S D.	3.865	3.627	5.486	1.012	.000	.000	.000	.000	.000	.000	1.836	3.271	8.212
TOTAL OBS	562	488	527	540	566	568	587	589	570	583	540	557	6677

NOTE \* (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 52-77

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-.05	06-10	11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	57.0	10.7	7.4	1.0	4.7	7.4	5.0	1.5						31.7	741			
FEB	74.0	8.1	8.5	4.7	1.0	2.4	.0							17.9	680			
MAR	84.0	4.0	3.7	2.0	1.8	3.4	.0							11.8	757			
APR	99.0	.1	.3		.1									.4	779			
MAY	100.0														806			
JUN	100.0														780			
JUL	100.0														804			
AUG	100.0														806			
SEP	100.0														780			
OCT	100.0														600			
NOV	96.0	2.4	.0	.3										1.1	742			
DEC	67.1	10.7	7.2	7.1	3.0	3.4	1.3							22.1	763			
ANNUAL	89.9	3.0	2.3	1.8	.9	1.4	.5	.1						7.1	9238			

DATA PROCESSING BRANCH  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
38													
39			7	0	0	0	0	0	0	0	0	3	
40	20	5	1	0	0	0	0	0	0	0	0	2	20
41	8	1	6	0	0	0	0	0	0	0	2	1	8
42	2	2	0	0	0	0	0	0	0	0	0	6	6
43	4	0	4	0	0	0	0	0	0	0	TRACE	5	5
44	1	4	1	0	0	0	0	0	0	0	TRACE	7	7
45	1	3	2	0	0	0	0	0	0	0	TRACE	10	10
46	TRACE	0		0	0	0	0	0	0	0	0	TRACE	
47	5	2	6	0	0	0*	0	0	0	0	0	TRACE	6
48	6*	3	7	0	0	0	0	0	0	0	TRACE	5	7
49	9	2	TRACE	0	0	0	0	0	0	0	0	4	9
50	1	TRACE	TRACE	TRACE	0	0	0	0	0	0	1	1	1
51	2	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	3	3
52	3	2	9	0	0	0	0	0	0	0	1	2	9
53	1	TRACE	6	0	0	0	0	0	0*	0	0		
62	* 12	4	4	0	0	0	0	0	0	0	0	4	* 12
63	5	2	TRACE	0	0	0	0	0	0	0	0	2	5
64	4	1	1	0	0	0	0	0	0	0	1	3	4
65	2	8	3	0	0	0*	0	0	0	0	0	1	8
66	0	1	0	0	0	0	0	0	0	0	0	6	6
67	5	3	0	0	0	0	0	0	0	0	0	5	5
68	7	2	0	0	0	0	0	0	0	0	0	1	7
69	8	6	4	0	0	0	0	0	0	0	0	2	8
70	1	1	2	3	0	0	0	0	0	0	0	2	3
71	3	8	4	0	0	0	0	0	0	0	TRACE	TRACE	8
72	2	4	TRACE	0	0	0	0	0	0	0	2*	2	4
MEAN	4.5	2.6	2.7	.1	.0	.0	.0	.0	.0	.0	.3	3.1	7.0
S D	4.483	2.311	2.824	.588	.000	.000	.000	.000	.000	.000	.614	2.465	3.790
TOTAL OBS	763	706	775	780	806	780	804	806	780	800	750	774	9324

NOTE \* (BASED ON < FULL MONTHS)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

C 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." C

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.

DATA PROCESSING BRANCH  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 42-53, 68-72  
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46						NNE*50					N	40WSW 43	
47	N	43NNE 55NNE 41N	43NW	56NW *36				SW 28				NW *36	
48	NNW*38NNE	36NW	40SSW*36SSE	38SE	43NNW	28S	28NE	29NW	34NW	38NW	49	NW 49	
49	NW 35S	*32		NNW*50N	41SSE	30SSW	23NNE	28NNW	35SW	36NW	38SW	48	
50	NW	38NW	35SSW	59NW	45NNW	63SSW*27	S	*18SE	*26S	*31SW	41NNW	33	
51	SSW	35W	33NNW	43NNW	46NW	45ESE	49NW	41NNW	45S	36NNW	34NW	47SW	47 ESE 49
52	SW	51NNW	37SSW	61N	36N	38NW	35NNW	41SSE	32N	43NNE	39NW	41NW	34 SSW 61
53	NW	36NNW	41SSW	56NW	60SW	45WSW	45NW	*44SSE	26SSW	36NNW*31			
68													
69			6*	3617*	3333*	3417/	4028/	2619/	2318/	2818/	3718/	4032/	30
70	32/	2835/	3633/	2921/	3020/	2716/	3735/	5032/	3734/	4618/	3119/	4234/	42 35/ 50
71	34/	3518/	3433*	5734/	4327/	4926/	4831/	35 6/	2618/	3822/	3624/	4033/	34 33* 57
72	30/	3729/	4217*	3619/	4232/	3824/	3021/	3033/	4818/	3117/	2833/	3023/	41 33/ 48
MEAN	37.6	38.1	45.8	42.2	43.1	39.2	35.3	31.1	34.2	33.7	39.7	39.7	52.3
S D	6.004	6.740	11.419	8.436	10.144	7.918	9.192	9.562	6.478	3.401	4.244	6.665	5.354
TOTAL OBS	300	267	273	306	327	307	273	282	318	291	300	329	3573

NOTES \* (BASED ON < FULL MONTHS)

‡ (BASED ON < FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88-5 (OLI)

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C

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 ALL  
STATION STATION NAME YEARS MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	2.7	1.4	.3	.1	.0	.0	.0			7.6	8.1
NNE	.5	1.0	1.5	.6	.1	.0	.0					3.8	8.0
NE	.7	.9	.9	.3	.0	.0						2.7	6.5
ENE	.3	.4	.4	.1	.0							1.1	6.1
E	.5	.8	.6	.2	.0	.0	.0					2.1	6.3
ESE	.5	.8	.9	.4	.0	.0						2.7	7.1
SE	1.5	2.3	2.4	.8	.1	.0	.0					7.1	6.8
SSE	1.4	2.6	3.1	1.3	.2	.0	.0					8.5	7.4
S	1.9	3.3	4.8	2.1	.3	.0	.0	.0	.0			12.5	7.8
SSW	.6	.9	1.6	.9	.2	.0	.0	.0				4.2	8.6
SW	1.5	1.1	1.5	.6	.2	.0	.0	.0				4.9	7.0
WSW	.8	.6	.7	.3	.1	.0	.0					2.4	6.6
W	1.4	.9	1.0	.3	.0	.0	.0	.0				3.7	5.9
WNW	.5	.8	1.1	.4	.1	.0	.0	.0				2.9	7.7
NW	1.0	1.6	2.4	1.3	.3	.1	.0	.0				6.7	8.5
NNW	.8	1.7	2.6	1.8	.5	.1	.0	.0	.0			7.6	9.3
VARBL													
CALM												19.4	
	14.8	21.5	28.2	12.9	2.6	.5	.0	.0	.0			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 222878

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13921 FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53.62-72 YEARS  
 MONTH JAN  
 CLASS ALL WEATHER  
 HOUR (L.S.T.) ALL  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.1	3.6	2.5	.7	.1	.0					10.4	9.1
NNE	.4	.8	1.8	1.0	.2	.0						4.2	9.1
NE	.6	.7	.9	.3	.0	.0						2.5	6.7
ENE	.2	.3	.3	.1	.0							.8	6.1
E	.4	.6	.4	.1	.0							1.5	5.6
ESE	.4	.7	.6	.2	.0							1.9	6.6
SE	1.5	1.8	1.4	.4	.1	.0						5.3	6.1
SSE	1.4	2.1	2.0	.7	.1							6.3	6.5
S	1.6	2.8	3.9	1.3	.1							9.8	7.3
SSW	.5	.9	1.4	.7	.1							3.7	8.0
SW	1.2	.9	1.4	.5	.1	.0	.0					4.1	6.8
WSW	.6	.6	.6	.2	.0	.0	.0					2.2	6.6
W	1.2	1.1	1.2	.3	.0							3.7	5.8
WNW	.4	.8	1.4	.6	.1	.1		.0				3.4	8.5
NW	1.4	2.1	3.7	2.1	.5	.1	.0					9.9	8.6
NNW	.9	2.3	4.3	1.4	.8	.2	.0	.0	.0			11.8	9.9
VARBL													
CALM												18.5	
	14.2	20.5	29.0	14.3	2.9	.5	.1	.0	.0			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 18665

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

### SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 YEARS FEB MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	3.6	2.3	.6	.2	.0					10.2	9.1
NNE	.5	1.2	2.2	1.0	.2	.0						5.1	8.6
NE	.6	.9	1.3	.4	.0							3.2	7.0
ENE	.2	.5	.5	.1								1.3	6.3
E	.4	.7	.7	.3	.0							2.2	7.1
ESE	.5	.7	1.3	.5	.1	.0						3.1	7.8
SE	1.3	1.9	1.9	.6	.1	.0						5.8	6.5
SSE	1.2	1.9	2.2	1.0	.0	.0						6.4	7.0
S	1.3	2.4	3.3	1.5	.1	.0		.0				8.6	7.7
SSW	.5	.9	1.4	.5	.1	.0						3.5	7.9
SW	.8	.9	1.1	.6	.1	.0						3.6	7.6
WSW	.5	.6	.9	.3	.1	.0						2.3	7.3
W	.9	1.0	1.2	.5	.1	.0						3.6	6.4
WNW	.6	1.0	1.4	.4	.1	.0	.0					3.4	7.4
NW	.9	2.0	3.6	2.4	.5	.1	.0	.0				9.5	9.2
NNW	.9	2.1	3.8	3.1	1.0	.3	.0	.0				11.2	10.2
VARBL													
CALM												16.9	
	12.4	20.6	30.5	15.4	3.2	.8	.0	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 16676



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45, 47-53, 62-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	3.9	2.6	.8	.2	.0					10.4	9.6
NNE	.3	.9	2.3	1.1	.3	.0						4.9	9.2
NE	.6	1.0	1.5	.7	.1	.0						3.9	7.9
ENE	.2	.6	.7	.2	.0							1.7	7.0
E	.5	.9	1.0	.3	.1							2.8	7.1
ESE	.4	.7	1.0	.6	.1							2.8	8.2
SE	.7	1.7	2.1	1.3	.2		.0					6.0	8.2
SSE	.8	1.7	2.4	1.3	.3	.1	.0					6.6	8.6
S	1.0	2.0	4.0	2.7	.8	.1	.0					10.6	9.5
SSW	.2	.6	1.3	1.0	.3	.2	.0					3.7	10.8
SW	.7	.7	1.3	.7	.2	.1	.0					3.7	8.5
WSW	.4	.4	.7	.2	.1	.0	.0					1.9	7.9
W	.8	.8	1.3	.5	.1	.0	.0					3.6	7.6
WNW	.4	.8	1.5	1.1	.4	.0	.0					4.4	9.6
NW	.9	1.6	3.0	2.1	.9	.2	.0					8.6	10.0
NNW	.5	1.7	3.2	3.2	1.3	.3	.0					10.4	11.0
VARBL													
CALM												13.9	
	9.6	18.1	31.3	19.6	6.0	1.2	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 18327

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS APR MONTH

ALL WEATHER  
 CLASS

ALL  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	3.1	2.0	.4	.1	.0		.0			3.3	9.0
NNE	.4	1.1	1.9	.9	.2	.1						4.6	8.8
NE	.5	1.1	1.4	.4	.1	.0						3.6	7.3
ENE	.2	.6	.7	.2	.0							1.6	7.1
E	.4	1.0	1.2	.7	.1	.0						3.4	8.2
ESE	.4	.9	1.4	1.1	.2	.0						4.1	9.0
SE	1.1	2.0	3.4	1.8	.4	.0						8.6	8.4
SSE	.9	1.6	2.5	1.7	.5	.1						7.3	8.8
S	1.1	2.3	4.4	3.2	.7	.1	.0					11.9	9.4
SSW	.3	.5	1.5	1.5	.5	.1	.0					4.4	11.1
SW	1.0	.6	1.3	1.0	.4	.1	.0					4.5	9.1
WSW	.5	.3	.6	.4	.1	.0						2.0	8.3
W	1.1	.8	1.1	.6	.2	.0						3.7	7.5
WNW	.4	.7	1.0	.6	.2	.0						2.9	8.6
NW	1.0	1.4	2.3	1.7	.6	.2	.0					7.3	9.6
NNW	.6	1.3	2.8	2.8	.9	.2	.0	.0				8.6	10.7
VARBL													
CALM												13.3	
	11.0	17.7	30.6	20.7	5.5	1.1	.1	.0	.0			100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 18259

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 YEARS MAY MONTH  
 ALL WEATHER CLASS ALL HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.6	2.4	1.0	.2	.0						6.5	7.6
NNE	.5	1.0	1.7	.5	.1	.0						3.9	7.9
NE	.7	1.0	1.1	.2	.0	.0						3.1	6.3
ENE	.3	.5	.5	.0								1.3	5.9
E	.5	1.0	1.0	.3	.1		.0					2.8	6.7
ESE	.4	1.0	1.2	.4	.1							3.1	7.4
SE	1.1	2.2	2.6	1.0	.1	.0	.0					7.0	7.4
SSE	1.1	2.3	3.1	2.3	.4	.1	.0					9.3	8.8
S	1.8	3.4	5.5	3.0	.5	.1	.0					16.3	8.4
SSW	.6	.8	1.8	1.4	.2	.0	.0					4.8	9.2
SW	1.5	1.1	1.8	.8	.3	.0	.0					5.4	7.5
WSW	.8	.7	.7	.4	.1	.0	.0					2.6	6.9
W	1.7	1.1	1.1	.3	.1	.0		.0				4.3	5.7
WNW	.4	.8	1.2	.4	.1	.0						2.9	7.7
NW	.7	1.1	2.1	1.0	.2	.0						5.1	8.4
NNW	.5	1.3	1.9	1.1	.3	.0						5.2	8.8
VARBL													
CALM												18.4	
	13.9	20.8	29.6	14.2	2.8	.4	.0	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 19137

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	1.8	.5	.1	.0			.0			5.2	6.7
NNE	.5	1.0	1.2	.4	.0	.0						3.2	7.2
NE	.7	1.0	.7	.2	.0							2.7	6.0
ENE	.3	.5	.4	.1								1.2	6.0
E	.6	.9	.9	.3	.0							2.6	6.6
ESE	.5	.9	1.1	.3	.0							2.8	6.9
SE	1.6	2.3	3.1	1.1	.0	.0						8.2	7.1
SSE	1.5	3.1	4.1	1.9	.3	.0						10.9	7.8
S	2.0	4.4	7.1	3.6	.5	.1						17.7	8.3
SSW	.7	1.1	2.0	1.2	.2	.0						5.3	8.6
SW	1.7	1.5	1.6	.8	.2	.0						5.7	6.8
WSW	.7	.6	.6	.3	.1	.0	.0					2.3	7.2
W	1.4	.6	.6	.3	.0	.0						3.1	5.5
WNW	.4	.5	.5	.2	.0	.0						1.7	7.1
NW	.7	1.2	1.2	.4	.0	.0						3.7	6.8
NNW	.6	1.1	1.4	.7	.1	.0						3.9	7.6
VARBL													
CALM												19.9	
	15.2	22.2	28.3	12.5	1.8	.2	.0		.0			100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 18584

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 YEARS JUL MONTH  
 ALL WEATHER CLASS ALL HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.5	.4	.0			.0				4.9	6.1
NNE	.6	1.2	.9	.3	.0							3.1	6.5
NE	.7	.9	.7	.1	.0							2.5	5.7
ENE	.3	.4	.2	.0								.9	5.2
E	.5	.8	.5	.1	.0							2.0	5.5
ESE	.6	1.0	.8	.2	.0							2.6	6.2
SE	2.0	3.2	2.3	.6	.0	.0						8.2	5.9
SSE	1.9	3.4	4.1	.9	.1							10.3	6.7
S	2.9	5.0	5.8	1.4	.1							15.2	6.7
SSW	.8	1.6	1.9	.4	.0							4.8	6.8
SW	2.3	1.9	1.9	.4	.0							6.6	5.8
WSW	1.2	.8	.7	.1	.0		.0					2.9	5.1
W	1.7	.9	.6	.1	.0							3.3	4.6
WNW	.5	.6	.3	.1	.0	.0						1.5	5.1
NW	.8	1.1	.9	.3	.0	.0						3.2	6.2
NNW	.8	1.4	1.1	.4	.0			.0				3.8	6.5
VARBL													
CALM												24.4	
	18.9	26.0	24.3	6.0	.4	.0	.0	.0				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 19383

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53.62-72 YEARS AUG MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	1.6	.5	.0	.0	.0					5.4	6.2
NNE	.6	1.1	.8	.2	.0	.0						2.7	6.1
NE	.9	1.0	.7	.1	.0	.0						2.7	5.3
ENE	.3	.4	.2	.0								1.1	5.1
E	.8	1.0	.7	.1	.0							2.6	5.4
ESE	.6	1.3	1.2	.2	.0							3.3	6.3
SE	2.1	3.6	3.5	.7	.1							10.0	6.3
SSE	1.8	3.8	3.5	1.0	.0							10.1	6.5
S	2.4	4.8	4.8	1.1	.1							13.0	6.5
SSW	.7	1.3	1.8	.5	.0	.0						4.4	7.1
SW	1.9	1.2	1.6	.4	.1	.0		.0				5.1	5.9
WSW	.8	.7	.6	.1	.0							2.2	5.5
W	1.8	.8	.6	.1	.0							3.3	4.5
WNW	.3	.5	.4	.1	.0			.0				1.3	6.0
NW	.8	1.3	1.1	.3	.0	.0						3.6	6.3
NNW	.8	1.3	1.0	.5	.1	.0						3.7	6.8
VARBL													
CALM												25.3	
	18.1	25.9	24.2	6.0	.5	.1	.0	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1913

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

SEP  
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	1.4	2.2	2.2	1.0	.1	.0						6.8	7.0
NNE	.6	1.1	1.2	.4	.1	.0						3.3	7.3
NE	.7	.8	.9	.3	.1							2.8	6.7
ENE	.4	.5	.3	.0								1.2	5.4
E	.7	.8	.5	.1	.0							2.1	5.2
ESE	.5	.9	.8	.2	.0							2.4	6.4
SE	1.4	2.3	2.8	.8	.1	.0						7.3	6.9
SSE	1.5	3.1	3.8	1.3	.2	.0						9.9	7.2
S	2.2	3.2	5.4	2.2	.3	.0						13.4	7.7
SSW	.7	.8	1.6	.7	.1	.0	.0					3.3	7.8
SW	1.9	1.1	1.6	.8	.2	.0						5.5	6.8
WSW	.9	.6	.7	.2	.0	.0						2.5	6.1
W	1.5	.9	.9	.2	.0	.0						3.4	5.2
WNW	.5	.7	.5	.1	.0							1.8	5.7
NW	.9	1.5	1.8	.5	.1							4.8	6.9
NNW	.8	1.7	2.0	.9	.2		.0					5.5	7.7
VARBL													
CALM												23.2	
	16.5	22.0	27.0	9.8	1.4	.2	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 18656

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

NOV  
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	1.5	1.9	2.5	1.2	.2	.0						7.3	7.4
NNE	.5	.8	1.3	.5	.0	.0						3.3	7.7
NE	.5	.6	.5	.1								1.7	5.4
ENE	.1	.2	.3	.1	.0							.7	7.1
E	.3	.3	.3	.1								1.0	5.7
ESE	.4	.6	.5	.1	.0							1.7	5.9
SE	1.5	2.3	1.9	.5	.0	.0						6.2	6.1
SSE	1.6	3.4	3.7	1.5	.1	.0	.0					10.3	7.2
S	2.3	3.6	5.0	2.1	.3	.0			.0			13.4	7.5
SSW	.6	1.0	1.8	.9	.1	.0	.0					4.3	8.2
SW	2.2	1.1	1.5	.7	.1	.0						5.7	6.4
WSW	1.3	.5	.7	.3	.0							2.9	5.8
W	1.7	1.0	.9	.3								3.9	5.2
WNW	.6	.7	.7	.3	.0							2.4	6.6
NW	1.0	1.8	2.3	1.1	.2	.0						6.4	7.8
NNW	.8	1.9	2.9	1.4	.3	.1						7.5	8.3
VARUL													
CALM												21.4	
	17.1	21.8	26.7	11.1	1.4	.3	.0		.0			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 18947



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52, 62-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	2.9	1.6	.3	.0						8.1	8.0
NNE	.3	.8	1.4	.7	.0	.0						3.3	8.4
NE	.5	.6	.5	.3	.0	.0						1.9	6.9
ENE	.2	.2	.3	.1	.0							.8	6.4
E	.3	.4	.2	.0		.0						1.0	5.2
ESE	.5	.6	.7	.2	.0	.0						1.9	6.3
SE	1.4	1.9	1.8	.5	.0							5.6	6.2
SSE	1.1	2.3	2.7	1.0	.2	.0						7.3	7.4
S	2.3	3.0	4.3	1.9	.4	.1	.0					12.1	7.7
SSW	.4	.9	1.5	1.0	.3	.1						4.4	9.6
SW	1.3	1.0	1.3	.6	.3	.0	.0					4.5	7.5
WSW	.8	.6	.9	.3	.1	.0	.0					2.8	6.8
W	1.3	1.3	1.3	.3	.0	.0						4.2	6.0
WNW	.8	1.2	1.8	.7	.2	.0						4.7	7.7
NW	1.1	2.2	3.9	1.8	.5	.2	.0					9.8	8.9
NNW	.8	2.1	4.0	2.2	.7	.2	.0					10.0	9.6
VARBL													
CALM												17.7	
	14.6	21.1	29.3	13.3	3.1	.9	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 18213

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	3.1	1.7	.4	.0						8.7	8.2
NNE	.6	.9	1.8	.5	.1	.0	.0					3.9	7.9
NE	.7	.7	.8	.2	.0	.0						2.4	6.1
ENE	.3	.3	.2	.1								1.0	5.4
E	.5	.7	.5	.1								1.7	5.3
ESE	.3	.7	.8	.3								2.3	6.6
SE	1.4	1.9	2.0	.7	.0	.0						6.2	6.4
SSE	1.4	2.2	2.5	.6	.1	.0						6.8	6.5
S	2.1	2.6	3.3	1.4	.2	.0	.0					9.6	7.2
SSW	.6	.8	1.5	.7	.1	.0		.0				3.6	8.0
SW	1.2	1.0	1.3	.5	.1	.0	.0					4.1	6.9
WSW	.6	.7	.6	.3	.1	.0						2.2	6.6
W	1.1	1.2	1.2	.4	.0	.0						3.9	6.2
WNW	.8	1.1	2.0	.8	.1	.0	.0	.0				4.9	8.0
NW	1.3	2.0	3.5	1.9	.5	.1	.0					9.2	8.6
NNW	1.1	2.2	3.7	2.8	.7	.1	.0					10.6	9.3
VARBL													
CALM												18.8	
	15.9	20.9	28.8	12.7	2.4	.4	.1	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 18916

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-53,62-71 YEARS JAN MONTH  
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.1	3.9	2.6	.5	.1						10.7	8.8
NNE	.5	.5	1.9	.9	.3	.0						4.1	9.2
NE	.7	.5	.9	.0								2.2	6.0
ENE	.1	.1	.1	.0								.4	5.5
E	.5	.4	.2	.1								1.2	4.8
ESE	.2	.6	.5	.1	.0							1.5	6.7
SE	1.3	1.7	.9	.4								4.3	5.5
SSE	1.3	2.4	2.0	.3	.1							6.1	6.2
S	1.9	3.2	3.5	.9	.0							9.6	6.6
SSW	.5	.5	1.0	.4	.0							2.5	7.4
SW	1.7	.4	1.0	.2	.1							3.3	5.3
WSW	.8	.4	.2	.1								1.5	4.6
W	1.4	.8	1.2	.3								3.7	5.6
WNW	.3	.7	1.4	.5								2.9	7.8
NW	1.7	1.9	2.9	2.2	.3	.0						9.0	8.3
NNW	.9	2.7	3.9	2.6	.7	.1	.1	.0				11.0	9.5
VARBL													
CALM												26.2	
	15.4	18.9	25.5	11.4	2.2	.3	.1	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-53,62-71  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
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	1.7	1.9	4.0	3.0	.4							11.0	8.8
NNE	.4	.5	1.3	.6	.3							3.1	9.3
NE	.5	.8	.7	.0	.0							2.0	6.4
ENE	.2	.1	.2	.0								.5	6.2
E	.3	.6	.3	.0	.0							1.3	5.9
ESE	.4	.5	.9		.0							1.7	6.6
SE	1.2	1.9	1.1	.2	.0							4.5	5.6
SSE	1.7	2.2	1.9	.7								6.5	6.1
S	1.8	2.8	3.0	.8	.1							8.5	6.6
SSW	.7	.7	.6	.3	.0							2.3	6.2
SW	1.5	.6	1.0	.4	.0							3.5	6.1
WSW	.6	.4	.3									1.3	4.3
W	1.1	.8	.9	.1								2.9	5.2
WNW	.4	.9	1.4	.5	.1	.0						3.4	8.3
NW	1.5	2.4	4.1	1.5	.4							9.9	7.9
NNW	1.2	2.1	4.8	2.8	.7	.1	.0	.0	.0			11.8	9.4
VARBL													
CALM												25.7	
	15.2	19.1	26.4	11.1	2.3	.1	.0	.0	.0			100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

2230

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72 JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

NOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.7	3.3	2.3	.4	.2						9.7	8.6
NNE	.5	1.1	2.0	1.0	.1							4.6	8.3
NE	.4	.7	.7	.2	.1							2.1	7.0
ENE	.2	.3	.3		.0							.9	6.2
E	.3	.6	.1									1.0	4.9
ESE	.4	.8	.9	.1								2.1	6.3
SE	1.7	1.8	1.8	.4	.0							5.8	6.0
SSE	1.7	2.0	2.2	.4	.0							6.3	6.4
S	1.7	2.8	3.3	1.2	.1							9.6	7.1
SSW	.4	.6	.8	.4	.1							2.4	7.8
SW	.8	.5	.8	.4	.1							2.5	6.4
WSW	.2	.3	.3	.1								.9	6.3
W	1.1	.9	.9	.0								2.9	5.0
WNW	.6	.9	1.2	.7	.2	.0						3.6	8.3
NW	1.6	3.0	3.8	1.5	.4	.0						10.3	7.8
NNW	1.4	2.2	4.1	3.4	.5	.0						11.7	9.0
VARBL													
CALM												23.7	
	14.5	20.3	27.0	12.2	2.0	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2360

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53.62-72 YEARS JAN MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.6	3.3	3.2	.6	.3	.0					11.4	9.4
NNE	.3	.7	2.3	1.4	.0							4.6	9.4
NE	.6	.8	.5	.5		.0						2.5	6.2
ENE	.1	.5	.2	.1	.0							1.0	6.6
E	.5	.5	.5									1.4	5.2
ESE	.6	.6	.8	.3								2.4	6.7
SE	2.0	2.6	1.9	.5	.2							7.2	6.1
SSE	1.3	1.6	2.5	1.0	.1							6.6	7.3
S	1.3	2.3	4.9	2.1	.2							10.7	8.0
SSW	.5	.9	1.7	1.0	.3							4.3	8.8
SW	.3	.7	1.5	1.0	.2	.1						4.0	9.1
WSW	.3	.7	.8	.3	.1	.0	.0					2.3	8.3
W	.5	.9	1.0	.2	.0							2.7	6.6
WNW	.1	.5	1.4	.7	.1	.2		.0				2.9	10.6
NW	.8	1.8	3.9	2.7	.6	.1						9.9	9.6
NNW	1.1	2.4	5.0	3.9	.6	.1						13.1	9.7
VARBL													
CALM												13.1	
	11.8	20.2	32.6	19.0	3.0	.8	.1	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2382

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53.62-72 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	1.0	2.0	3.9	2.5	1.0	.2	.0					10.6	9.8
NNE	.3	.8	1.4	1.1	.3	.0						3.9	9.7
NE	.7	.8	1.3	.5	.0							3.3	7.3
ENE	.3	.3	.3	.0								1.0	6.0
E	.3	.3	.5	.1								1.4	6.4
ESE	.3	.7	.6	.4								2.0	7.2
SE	1.4	2.1	2.3	.4	.2							6.4	6.7
SSE	.6	2.1	1.7	1.0	.1							5.6	7.5
S	.7	1.5	4.7	2.4	.4							9.7	9.3
SSW	.3	1.4	2.9	1.7	.2							6.5	9.1
SW	.4	1.2	3.1	1.0	.2	.1	.0					6.0	9.1
WSW	.3	.9	1.4	.7	.3		.0					3.6	9.0
W	.4	.5	1.8	.4	.0							3.6	7.7
WNW	.4	.6	1.7	1.2	.3	.1						4.2	9.9
NW	.9	1.7	4.7	3.1	.8	.2	.0					11.3	10.0
NNW	.5	1.9	4.7	4.5	1.4	.2	.1					13.2	11.1
VARBL													
CALM												7.5	
	8.8	19.4	37.0	21.0	5.2	.8	.3					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2382

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53,62-72 YEARS JAN MONTH  
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	4.5	2.4	.8	.2						11.0	9.4
NNE	.7	.9	1.8	1.1	.3	.0						4.8	8.8
NE	.5	.8	1.3	.3	.0	.1						3.1	7.6
ENE	.3	.2	.3	.0								.9	5.4
E	.6	.6	.5	.2								2.0	6.0
ESE	.3	.9	.6	.3								2.1	6.7
SE	1.3	1.5	1.6	.9	.2							5.5	7.2
SSE	.9	1.5	2.1	.9	.0							5.4	7.4
S	1.2	3.6	4.0	1.8	.1							10.7	7.7
SSW	.6	1.7	2.2	1.1	.1							5.8	8.0
SW	1.0	1.5	2.1	.4	.1		.0					5.2	6.9
WSW	.6	.8	1.0	.3	.0							2.7	7.0
W	1.0	1.3	1.5	.6	.0							4.5	6.9
WNW	.5	.8	1.7	.8	.2							4.0	8.5
NW	1.1	2.0	4.5	2.6	.7	.0						10.9	9.2
NNW	.4	2.0	4.4	4.3	1.0	.3	.0					12.3	10.7
VARBL													
CALM												9.1	
	12.2	22.2	34.0	18.1	3.6	.6	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2381



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53.62-72 JAN  
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.4	2.8	2.0	.7	.1						9.5	8.7
NNE	.3	.9	1.9	1.0	.2	.0						4.3	9.1
NE	.8	.5	.8	.2	.1							2.3	6.6
ENE	.3	.3	.4	.1								1.1	6.1
E	.5	.5	.9	.0								2.0	5.9
ESE	.3	.6	.5	.3								1.7	6.8
SE	1.4	1.5	1.0	.4	.1	.0						4.4	6.1
SSE	1.6	2.4	1.7	.3	.1							6.1	5.9
S	2.1	3.5	3.7	.9								10.1	6.4
SSW	.6	.6	1.1	.3								2.8	6.9
SW	1.9	1.4	1.0	.1								4.3	4.7
WSW	1.1	1.1	.5	.1								2.8	4.8
W	2.5	1.7	1.2	.3								5.7	4.9
WNW	.5	1.3	1.2	.3	.0	.0						3.3	7.0
NW	1.9	1.8	3.0	1.5	.2							8.4	7.4
NNW	.8	2.5	3.8	2.6	.9	.2						10.5	9.9
VARBL													
CALM												20.6	
	18.1	22.9	25.5	10.2	2.3	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2352

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-53,62-72 YEARS JAN MONTH  
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	2.9	2.2	.7	.0						9.5	8.8
NNE	.5	.8	1.8	.9	.3							4.3	9.2
NE	.9	.8	.7	.2								2.6	5.5
ENE	.2	.2	.2	.1								.6	6.5
E	.5	.8	.5	.0								1.8	5.5
ESE	.5	.6	.3	.2								1.5	5.5
SE	1.4	1.6	.7	.2	.1	.0						4.0	5.4
SSE	2.2	2.6	2.0	.7								7.5	5.8
S	2.3	2.5	3.8	.6	.1							9.2	6.3
SSW	.6	.9	1.0	.6	.0							3.0	7.2
SW	1.4	1.3	.6	.3	.0							3.6	5.3
WSW	.9	.5	.6	.1								2.1	5.1
W	1.7	1.0	.9	.3								3.9	5.1
WNW	.5	.7	1.4	.3	.0							2.8	7.1
NW	1.7	2.0	2.9	1.9	.4	.1	.0					9.1	8.2
NNW	1.1	2.5	3.5	2.8	.6	.3	.0					10.9	9.5
VARBL													
CALM												23.6	
	17.8	20.8	23.7	11.1	2.4	.4	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2348

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-53, 62-63, 67-71  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	3.9	2.5	.4	.2						11.3	8.3
NNE	.4	.9	1.9	.5	.2							3.9	8.3
NE	.7	.5	1.1	.2	.1							2.6	6.3
ENE	.1	.4	.4									.9	6.3
E	.5	.4	.6	.3								1.8	6.5
ESE	.2	.6	1.0	.6	.1							2.4	8.3
SE	2.0	2.0	1.4	.4	.1							5.9	5.9
SSE	1.2	2.3	2.1	.6		.1						6.3	6.5
S	1.8	2.1	2.7	.9		.1						7.5	6.7
SSW	.9	1.0	1.2	.2		.1						3.3	6.2
SW	.9	.4	.6	.1	.3							2.2	6.8
WSW	.8	.2	.4	.2		.1						1.6	5.7
W	1.0	.9	.9	.4	.1							3.3	6.3
WNW	.9	1.3	1.2	.3								3.7	6.1
NW	.7	1.7	2.6	1.6	.8	.1		.1				7.5	9.7
NNW	1.3	2.6	3.1	1.4	.4			.1				8.8	8.0
VARBL													
CALM												27.1	
	14.9	19.9	25.2	9.9	2.3	.5		.1				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1937

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-53,62-65,67-71  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	4.4	1.9	.3	.2						10.6	8.1
NNE	.6	1.3	1.4	.3	.2	.1						3.8	7.6
NE	.4	.7	1.5	.3								2.9	7.2
ENE	.3	.3	.3	.2								1.0	6.7
E	.7	.7	.5	.3								2.2	6.1
ESE	.6	.4	1.4	.4	.2	.1						3.0	8.1
SE	1.7	1.8	.9	.3	.1							4.8	5.6
SSE	1.5	1.6	1.5	.4								5.0	5.8
S	1.7	2.5	2.5	.8		.1						7.5	6.4
SSW	.6	1.1	1.1	.3	.1							3.0	6.7
SW	1.0	.7	.9	.5	.2							3.3	7.1
WSW	.3	.4	.4	.1								1.1	6.0
W	.6	1.0	1.2	.2								3.0	6.2
WNW	.8	1.1	1.4	.2	.1							3.6	6.2
NW	.9	2.1	3.1	2.2	.5	.1						8.8	8.9
NNW	.4	2.0	3.1	2.3	.8	.2						8.8	10.1
VARBL													
CALM												27.6	
	13.5	19.9	25.7	10.5	2.3	.6						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1941

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 37-53,62-72 MONTH FEB  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	3.1	1.9	.5	.3						9.9	8.4
NNE	.5	.8	2.3	1.0	.0	.0						4.6	8.5
NE	.6	.8	.7	.5	.0							2.6	7.2
ENE	.1	.5	.6	.0								1.2	6.2
E	.5	.6	.6	.3								2.0	6.6
ESE	.9	.7	1.0	.3	.0							3.1	6.4
SE	1.9	1.7	2.0	.2	.1							6.0	6.0
SSE	2.5	2.3	1.5	.5								6.9	5.3
S	1.4	3.0	3.0	1.0	.0							8.4	6.7
SSW	.3	.8	.8	.1								2.0	6.6
SW	.8	.9	.8	.4	.1	.0						3.0	6.9
WSW	.3	.5	.7	.3								1.7	7.3
W	1.0	1.2	1.0	.3	.0	.0						3.7	6.2
WNW	.5	.7	1.5	.3	.1							3.2	7.6
NW	1.0	1.8	3.5	2.1	.3	.1						8.8	8.7
NNW	.8	2.6	3.7	2.8	1.5	.3						11.6	10.2
VARBL													
CALM												21.5	
	14.8	21.4	26.7	12.0	2.8	.8						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2131

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 13921 STATION NAME FBPT LEAVENWORTH KANS/SHERMAN AAF YEARS 37-53,62-72 MONTH FEB  
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	3.7	2.8	.8	.3						11.2	9.7
NNE	.6	1.1	2.7	1.5	.2	.0						6.1	9.0
NE	.6	.9	1.4	.5	.0							3.3	7.2
ENE	.5	.6	.4	.0								1.5	5.4
E	.3	.7	.7	.3								2.0	6.9
ESE	.3	1.1	1.3	.7	.0							3.5	7.9
SE	1.0	2.5	2.5	.6	.0							6.6	6.6
SSE	1.3	2.6	3.0	1.1	.0							8.0	7.1
S	.8	1.8	3.5	2.2	.3	.0						8.7	8.9
SSW	.3	.7	2.0	1.1	.3	.0						4.4	9.5
SW	.1	.9	1.8	.7	.0	.1						3.6	8.9
WSW	.4	.6	1.3	.5								2.8	8.0
W	.6	.5	2.0	.8	.1							4.1	8.5
WNW	.4	.7	1.3	.4		.0	.0					2.8	8.3
NW	.6	1.9	3.9	2.6	.8	.1	.0					9.9	9.8
NNW	.7	1.6	3.7	4.0	1.5	.7	.0					12.1	11.6
VARBL													
CALM												9.3	
	9.6	20.4	35.1	19.8	4.3	1.4	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2150

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS FFB 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	.6	1.6	3.7	2.5	1.2	.4	.0					9.9	10.7
NNE	.5	1.2	2.9	1.7	.4	.1						6.7	9.7
NE	.5	1.1	1.2	.4	.0							3.2	7.2
ENE	.1	.5	.5	.0								1.1	6.6
E	.3	.6	.9	.4								2.1	7.5
ESE	.7	.9	1.8	.6	.0							4.1	7.6
SE	1.0	1.9	2.3	1.0	.1	.0						6.3	7.3
SSE	.3	1.4	2.6	2.6	.0							7.0	9.4
S	.5	1.3	4.0	2.6	.2	.1		.0				8.7	9.8
SSW	.2	.9	2.5	1.2	.6	.1						5.5	10.0
SW	.3	.8	1.9	1.1	.3	.1						4.4	9.6
WSW	.2	.8	1.7	.6	.3	.0						3.7	9.4
W	.4	1.5	1.9	1.0	.1	.1						5.0	8.5
WNW	.2	1.4	2.2	.8	.1							4.8	8.4
NW	.5	1.7	4.0	3.4	.9	.2						10.8	10.4
NNW	.6	1.2	4.6	4.6	1.3	.4	.0					12.8	11.5
VARBL													
CALM												3.9	
	6.9	18.7	38.5	24.5	5.8	1.5	.1	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2156

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53.62-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDI 2H

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.3	4.2	2.9	.8	.3						10.5	10.2
NNE	.3	1.7	2.5	1.3	.3							6.0	8.9
NE	.8	1.2	1.6	.6	.0							4.2	7.2
ENE	.2	.4	.5	.0								1.1	6.3
E	.5	.7	1.1	.4	.0							2.7	7.7
ESE	.5	.7	1.6	.6	.1	.1						3.6	8.6
SE	1.0	1.3	2.5	1.2								6.0	7.6
SSE	.7	1.3	2.0	1.7								5.6	8.4
S	.6	2.0	3.8	2.6	.3							9.3	9.2
SSW	.3	1.0	1.9	.9	.1	.0						4.3	8.7
SW	.6	1.4	1.6	1.4	.2							5.3	8.7
WSW	.3	1.1	1.5	.3	.1	.0						3.3	8.0
W	.5	1.3	1.4	.6	.1							3.9	7.7
WNW	.4	.8	1.7	.6	.1							3.6	8.4
NW	.7	2.2	5.0	3.0	.6	.1						11.7	9.5
NNW	.7	1.8	4.5	4.4	1.6	.4						13.3	11.1
VARBL													
CALM												5.6	
	8.7	20.2	37.3	22.5	4.6	1.0						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2151



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION      FOPT LEAVENWORTH KANS/SHERMAN AAF STATION NAME      39-53.62-72 YEARS      FFB MONTHS  
 ALL WEATHER CLASS      1800-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	2.9	2.1	.7	.2						9.8	9.0
NNE	.5	1.2	2.0	.9		.1						4.7	8.2
NE	.6	1.2	1.5	.4	.0							3.8	6.8
ENE	.4	.6	.7	.1								1.9	6.5
E	.4	1.2	.6	.2	.1							2.6	7.1
ESE	.4	.7	1.1	.3	.1							2.6	7.7
SE	1.0	1.7	1.9	.4	.0							5.1	6.6
SSE	1.0	1.7	2.4	.4								5.4	6.7
S	1.7	3.6	3.2	1.0	.0							9.5	6.6
SSW	.9	1.0	.9	.1		.0						2.9	5.7
SW	1.5	1.1	.9	.1								3.6	4.9
WSW	.9	.9	.4	.1		.0						2.3	5.4
W	1.6	1.2	.4	.2								3.4	4.5
WNW	.9	.7	.7	.4	.0							2.7	6.4
NW	1.2	2.2	3.7	2.0	.1	.0						9.4	8.2
NNW	1.3	2.3	4.1	2.4	.7	.2						11.0	9.2
VARBL													
CALM												19.4	
	15.5	23.9	27.4	11.1	2.0	.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2103

DATA PROCESSING BRANCH  
 PAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921 STATION    FORT LEAVENWORTH KANS/SHERMAN AAF    39-53,62-72    YEARS    FEB    MONTH  
 CLASS    ALL WEATHER    2100-2300    HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.0	2.9	2.0	.4	.0						8.8	8.3
NNE	.6	1.2	2.1	.7	.1							4.7	7.8
NE	.9	.6	1.2	.3								3.0	6.4
ENE	.2	.5	.5	.1								1.4	6.7
E	.2	.6	.7	.5								2.0	7.9
ESE	.3	.4	.9	.3	.0	.0						2.1	8.3
SE	1.1	1.9	1.8	.3	.0							5.3	6.2
SSE	1.3	2.2	2.8	.4								6.6	6.2
S	1.8	2.8	3.8	.9	.0							9.4	6.8
SSW	.6	.7	1.2	.3								2.8	6.7
SW	1.4	.6	.6	.4	.1							3.0	5.8
WSW	.9	.5	.4	.1								1.9	5.4
W	1.4	.5	.6	.2								2.7	4.9
WNW	.7	1.0	1.1	.4	.1	.0						3.3	7.3
NW	1.7	2.0	3.0	2.0	.4	.0						9.2	8.3
NNW	1.5	2.8	3.3	2.3	.4		.0					10.3	8.3
VARBL													
CALM												23.4	
	15.9	20.5	27.0	13.3	1.7	.2	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS    2107

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-45, 47-53, 62-65, 67-71  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND S <sup>PEED</sup>
N	1.2	2.1	3.1	2.0	.8	.0	.0					9.3	9.1
NNE	.2	.7	2.0	1.1	.3							4.3	9.7
NE	.6	1.2	1.4	.3	.2							3.7	7.3
ENE	.3	.7	.5									1.5	5.6
E	.4	.9	.6	.1								2.1	5.9
ESE	.4	.5	.9	.3								2.1	7.5
SE	.7	1.5	1.6	.7			.0					4.5	7.4
SSE	1.2	1.9	2.3	.8	.2	.0						6.6	7.3
S	1.0	3.0	3.6	1.5	.3	.0						9.5	7.8
SSW	.7	.5	1.1	.2	.1	.0						2.6	7.3
SW	1.3	.7	1.2	.1								3.2	5.7
WSW	.6	.4	.5	.1	.0							1.7	6.3
W	.6	.8	.7	.3	.1							2.4	6.9
WNW	.7	1.2	1.9	1.2	.4	.0						5.5	9.0
NW	1.4	1.7	2.8	1.6	.4	.1						8.1	8.4
NNW	.8	2.0	2.0	2.9	.6	.1						8.3	9.7
VARBL													
CALM												24.6	
	12.1	19.7	26.1	13.5	3.4	.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2135

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-45,47-53,62-65,67-71 YEARS MAR MONTH  
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	3.9	2.4	.7	.1						10.3	9.0
NNE	.4	1.0	1.9	1.0		.0						4.4	8.5
NE	.8	1.3	.9	.6	.2	.0						3.7	7.4
ENE	.2	.3	.4	.1								.9	6.2
E	.5	.8	.9	.0								2.3	6.1
ESE	.5	.5	.7	.5	.0							2.2	7.4
SE	1.0	2.1	1.5	.8								5.4	6.7
SSE	1.1	2.3	2.5	.8	.0	.0						6.8	7.0
S	1.5	3.2	2.8	1.5	.2							9.2	7.2
SSW	.4	.5	.7	.4	.0							2.1	8.1
SW	1.1	.4	.6	.2								2.3	5.2
WSW	.7	.5	.2	.1	.1							1.5	5.5
W	1.1	.8	.9	.4								3.2	6.0
WNW	.5	1.0	1.5	1.1	.3							4.4	9.0
NW	1.3	2.2	2.8	1.5	.6	.1						8.5	8.3
NNW	.9	2.2	2.4	2.5	.9	.3						9.3	9.9
VARBL													
CALM												23.1	
	13.6	20.8	24.7	14.0	3.1	.7						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2136

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13921  
STATION

FIFT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45, 47-53, 62-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.2	4.2	1.8	.8	.0	.0					10.5	8.8
NNE	.3	.8	2.0	.9	.1							4.1	9.1
NE	1.0	.9	1.8	.7	.0							4.4	7.4
ENE	.1	.3	.3	.1								.8	6.9
E	.5	.9	.8	.2								2.3	6.3
ESE	.2	.5	.8	.5	.0							2.1	8.5
SE	1.4	2.1	2.9	.8	.3							7.5	7.4
SSE	1.5	2.4	3.2	1.5	.1	.6						8.8	7.4
S	1.6	2.4	2.9	1.8	.3	.0						9.1	7.9
SSW	.2	.6	.9	.4	.1	.0						2.1	8.8
SW	.9	.6	.7	.4	.0							2.6	6.3
WSW	.1	.5	.5	.3	.0							1.4	7.9
W	.9	.7	1.1	.4	.0							3.1	6.6
WNW	.3	.7	1.6	.8	.4							3.8	9.4
NW	.8	2.1	3.6	1.8	.5	.3						9.0	9.4
NNW	1.0	2.4	2.9	2.5	1.6	.2						10.5	10.2
VARBL													
CALM												18.0	
	12.1	19.8	30.2	14.8	4.3	.6	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2341

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-45, 47-53, 62-72 YEARS MONTH MAR  
 CLASS ALL WEATHER HOURS (L & 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	.6	1.6	4.5	2.8	.6	.3						10.4	10.0
NNE	.3	.7	2.8	1.3	.5							5.7	9.9
NE	.5	.9	1.6	.8	.1							3.9	8.3
ENE	.2	1.0	.9	.1								2.2	6.6
E	.3	1.1	.8	.4	.1							2.7	7.8
ESE	.5	.5	.8	.8	.2							2.7	8.8
SE	.5	2.0	2.8	2.5	.4							8.2	9.2
SSE	.5	1.4	2.8	2.4	.3	.2						7.6	9.8
S	.8	1.2	4.3	3.4	1.3	.1	.0					11.1	10.7
SSW	.1	.9	2.0	1.4	.7	.1	.0					5.2	11.0
SW	.5	.7	1.8	1.1	.5	.1	.0					4.8	10.1
WSW		.1	.9	.4	.2	.0						1.6	11.4
W	.1	.5	2.0	.7	.2							3.6	9.6
WNW	.2	.5	1.5	1.3	.3	.0						3.8	10.9
NW	.3	1.2	2.7	2.7	1.3	.4	.0					8.6	11.7
NNW	.5	1.4	4.3	3.8	1.3	.4	.1					11.8	11.3
VARBL													
CALM												6.0	
	5.9	15.8	36.5	25.9	8.0	1.7	.2					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2368

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45,47-53,62-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.7	4.2	3.1	1.4	.4						11.1	11.3
NNE	.2	.9	2.7	1.1	.4	.1						5.4	9.8
NE	.3	.7	1.7	.7	.2							3.6	8.8
ENE	.2	.6	1.4	.3								2.5	7.8
E	.3	.7	1.0	.5	.1							2.6	8.5
ESE	.5	.9	1.2	.9	.1							3.6	8.6
SE	.5	1.5	2.7	1.8	.5							7.0	9.5
SSE	.3	1.0	2.3	1.9	.7	.2	.1					6.4	11.2
S	.3	.9	3.7	4.2	1.6	.2	.2					11.0	12.1
SSW	.0	.3	2.2	2.5	.7	.4	.2					6.2	13.4
SW	.1	.8	2.4	1.7	.3	.3	.0					5.6	10.8
WSW	.1	.4	1.2	.3	.2							2.3	9.4
W	.1	.6	1.7	.7	.2	.1						3.5	9.9
WNW	.1	.5	2.0	1.6	.9							5.1	11.5
NW	.1	.9	4.1	2.5	1.6	.4						9.6	11.8
NNW	.4	1.1	3.6	4.2	1.6	.6	.0					11.7	12.2
VARBL													
CALM												2.8	
	3.8	13.5	38.0	28.1	10.6	2.7	.5					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2366

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45,47-53,62-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.4	4.1	3.6	.7	.3						10.9	10.3
NNE	.2	1.1	2.9	1.2	.6							6.0	9.7
NE	.4	.9	1.9	.9	.0							4.1	8.2
ENE	.2	.8	.9	.4	.0							2.4	7.6
E	.3	1.3	1.2	.7	.1							3.6	8.0
ESE	.3	1.2	1.1	.9	.2							3.7	8.6
SE	.3	1.3	1.8	1.7	.4							5.5	9.6
SSE	.3	.7	2.2	1.1	.6	.2						5.0	10.7
S	.3	.9	3.8	4.3	1.5	.4	.0					11.2	12.1
SSW	.1	.6	1.4	2.4	.7	.5						5.6	12.7
SW	.1	.8	2.0	1.4	.3	.1						4.7	10.1
WSW	.1	.6	1.7	.5	.1	.0	.0					3.1	9.3
W	.3	1.1	2.0	.7	.3		.0					4.4	8.9
WNW	.2	.8	1.5	1.3	.6	.0						4.4	10.7
NW	.5	1.2	2.9	3.7	1.1	.3	.0					9.7	11.5
NNW	.3	.9	4.1	4.4	1.8	.5						12.0	12.2
VARBL													
CALM												3.7	
	4.6	15.6	35.5	29.2	9.0	2.2	.2					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

2365



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-45, 67-53, 62-77  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	3.8	2.8	.8	.1	.0					10.8	9.4
NNE	.4	1.4	2.2	1.3	.1							5.4	8.3
NE	.6	.9	1.7	.8								4.0	7.7
ENE	.2	.7	.7	.2								1.9	6.8
E	1.0	1.0	1.1	.3	.1							3.6	6.4
ESE	.2	1.1	1.4	.7								3.4	7.9
SE	.5	1.5	1.9	1.2								5.0	8.0
SSE	.6	1.7	2.1	.9	.2							5.5	7.9
S	1.1	2.6	3.4	2.9	.5							12.4	8.8
SSW	.3	1.0	.8	.5	.2	.1						2.9	8.7
SW	.7	.7	.8	.2	.2		.0					2.7	7.4
WSW	.8	.4	.3	.1		.0						1.7	5.2
W	2.0	1.3	1.1	.3	.1	.0	.0					5.0	5.9
WNW	.8	1.2	1.0	.5	.3	.0						3.9	7.6
NW	1.0	1.4	2.7	1.7	.7	.2						7.7	9.5
NNW	.4	1.7	3.6	2.6	1.2	.4	.0					10.1	10.9
VARBL													
CALM												14.1	
	12.0	21.0	30.6	16.9	4.3	.9	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2307

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37,39-45,47-53,62-72 YEARS MAR MONTH  
 ALL WEATHER CLASS 2100-2300 HOURS (L S T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	3.4	2.2	.6	.0	.0					10.0	8.8
NNE	.3	1.0	1.8	.9	.2							4.2	8.7
NE	.5	1.1	1.0	.8	.1							3.6	7.8
ENE	.2	.3	.5	.1								1.1	7.1
E	.8	.6	1.2	.3	.0							2.9	6.8
ESE	.4	.8	1.0	.4								2.7	7.4
SE	1.1	1.5	1.8	.5	.0							5.0	6.8
SSE	1.1	2.2	2.0	.9	.3	.0						6.5	7.5
S	1.8	2.3	5.1	1.7	.4							11.3	8.0
SSW	.2	.6	1.2	.3	.1	.0						2.3	8.4
SW	.9	.9	.7	.4	.1	.0						3.0	6.7
WSW	.7	.4	.5	.1	.2							1.9	6.1
W	1.3	.8	1.0	.4	.0	.1						3.7	6.4
WNW	.8	1.0	1.3	.7	.3	.1						4.2	8.3
NW	1.5	1.8	2.4	1.3	.6	.1	.0					7.8	8.7
NNW	.8	1.7	2.6	2.3	1.3	.2	.2					9.0	10.8
VARBL													
CALM												20.8	
	13.6	19.4	27.6	13.5	4.2	.6	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-45,47-53,62-71 YEARS MONTH APR  
 CLASS ALL WEATHER HOURS (L.C.T.) 0000-0200  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.9	3.2	1.6	.4		.0					8.0	8.7
NNE	.1	.8	1.3	.7	.0	.1						3.1	9.1
NE	.8	1.0	.8	.2								2.8	5.8
ENE	.0	.5	.4	.1								1.1	7.1
E	.4	.7	.7	.6	.1							2.4	8.1
ESE	.4	.7	.9	.7	.0							2.7	8.4
SE	1.3	1.9	3.5	.8	.1							7.6	7.1
SSE	1.2	2.2	2.9	.9	.1							7.4	7.3
S	1.3	2.4	3.0	1.3	.1							10.1	7.5
SSW	.3	.5	1.2	.7	.0							2.7	8.5
SW	1.8	.3	.7	.2	.1	.0						3.2	5.7
WSW	.9	.4	1.2	.1	.0	.1						2.8	6.8
W	2.5	.8	1.0	.2	.1							4.7	5.1
WNW	.5	1.5	.8	.3	.0							3.2	6.5
NW	2.0	1.1	1.7	1.4	.4	.0						6.6	7.9
NNW	1.2	1.8	2.0	1.7	.6	.1	.1	.0				7.4	9.4
VARBL													
CALM												24.3	
	15.5	18.4	27.2	11.6	2.3	.4	.2	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2149

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-45, 47-53, 62-71  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	2.1	1.8	.2	.1						7.5	7.9
NNE	.3	.9	1.1	.6	.1	.0						3.1	8.5
NE	.6	1.0	1.1	.4	.1							3.2	6.8
ENE	.2	.4	.4	.0								1.1	6.6
E	.2	.6	.6	.4								1.8	7.7
ESE	.4	.7	1.3	.8	.1							3.2	8.5
SE	1.3	2.0	3.1	.8								7.1	6.9
SSE	1.2	2.2	2.3	1.3	.1							7.1	7.0
S	1.5	3.4	4.3	1.2	.0							10.5	7.1
SSW	.6	.4	.9	.6		.1	.0					2.7	8.6
SW	1.4	.6	.7	.2	.1							3.0	5.7
WSW	.4	.3	.5	.0								1.3	5.8
W	2.3	.6	1.1	.5	.1							4.8	5.8
WNW	.5	1.0	1.3	.4	.1							3.3	7.2
NW	1.6	2.1	2.2	1.1	.2	.1						7.2	7.4
NNW	.5	1.6	2.7	2.1	.5	.2						7.5	9.8
VARBL													
CALM												25.6	
	14.6	19.3	25.8	12.4	1.7	.6	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2186

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 37-53,62-77 MONTH APR  
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	3.1	2.0	.4	.1						8.9	8.9
NNE	.6	1.3	1.4	.6	.2	.2						4.3	8.4
NE	.6	.8	1.7	.3	.0							3.5	7.2
ENE	.3	.5	.5	.1								1.5	6.6
E	.4	.8	1.1	.3	.1							2.7	7.4
ESE	.9	1.0	1.2	.9	.2							4.1	7.8
SE	2.3	2.7	2.9	1.9	.2							10.1	7.3
SSE	1.5	2.4	3.7	1.4	.1							9.1	7.4
S	1.4	2.8	3.9	2.6	.3	.1						11.1	8.3
SSW	.3	.5	1.3	1.2	.1							3.4	9.8
SW	.5	.7	1.0	.6	.1		.0					3.0	8.4
WSW	.2	.3	.4	.1								1.0	6.9
W	.6	.5	.9	.2	.0							2.2	6.8
WNW	.2	.6	.9	.6	.2	.0						2.6	9.3
NW	1.1	1.5	2.7	1.7	.6	.3						7.8	9.4
NNW	.8	1.5	3.1	2.0	.7	.0						8.1	9.5
VARBL													
CALM												16.7	
	13.2	19.5	29.9	16.7	3.2	.7	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53.62-72 YEARS MONTH APR

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	4.0	2.7	.7	.1	.1					9.6	10.3
NNE	.4	1.0	2.4	1.2	.4	.0						5.4	9.1
NE	.3	1.2	1.8	.5								3.8	7.5
ENE	.3	.6	.7	.1	.0							1.8	6.7
E	.4	.9	1.6	1.0	.1							4.1	8.4
ESE	.4	1.0	1.9	1.2	.3	.0						4.7	9.4
SE	1.0	2.2	4.6	3.0	.7	.1						11.6	9.3
SSE	.6	1.7	3.1	2.3	.9							8.6	9.9
S	.4	1.5	4.4	4.5	1.5	.2	.0					12.5	11.2
SSW	.0	.4	2.0	2.4	.8	.2	.0					5.9	12.5
SW	.0	.5	2.0	2.0	.5	.1						5.1	11.3
WSW	.1	.2	.6	.6	.3	.1						1.9	12.1
W	.1	.6	1.2	.9	.2	.1						3.0	10.0
WNW	.1	.3	.9	.8	.4	.0						2.5	10.9
NW	.3	1.1	2.0	1.9	.8	.3	.0					6.5	11.5
NNW	.3	1.0	3.3	3.5	1.3	.2	.0					9.6	11.7
VARBL													
CALM												3.5	
	5.5	15.4	36.4	28.4	8.9	1.7	.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2344

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	3.1	2.3	.6	.0			.0			8.0	10.0
NNE	.4	.8	3.1	1.1	.5	.0						5.9	9.5
NE	.3	1.1	2.2	.3	.1							4.0	7.8
ENE	.1	1.0	.7	.3								2.1	6.9
E	.3	1.2	1.4	1.1	.3	.0						4.3	9.3
ESE	.3	.5	1.5	1.2	.2	.1						3.9	10.0
SE	.5	1.6	4.0	3.2	.8	.2						10.1	10.3
SSE	.3	.5	2.4	2.6	1.2	.4						7.3	12.4
S	.7	.9	3.4	5.7	1.7	.3						12.8	12.0
SSW		.3	2.1	2.7	1.4	.2						6.8	13.1
SW	.1	.3	1.8	2.6	1.2	.3	.0					6.4	13.3
WSW	.1	.2	.8	.8	.2	.1						2.2	11.4
W	.2	.5	.9	.9	.3	.1						2.8	10.8
WNW	.1	.4	1.5	.9	.4	.0						3.4	10.7
NW	.5	.8	2.2	2.3	.9	.3	.0					7.0	12.0
NNW	.2	1.0	3.7	4.5	1.3	.3	.0					11.1	12.1
VARBL													
CALM												2.0	
	4.7	12.3	34.9	32.4	11.0	2.6	.1		.0			100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 2348

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
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	.6	1.4	3.5	2.5	.6	.0			.0			8.6	9.9
NNE	.5	1.5	2.4	1.6	.3	.1						6.4	9.3
NE	.7	1.2	1.4	.6	.3	.1						4.3	8.2
ENE	.2	.5	1.1	.4								2.2	8.1
E	.5	1.4	1.9	.9	.3							5.0	8.5
ESE	.2	1.4	1.4	1.7	.3							5.1	9.6
SE	.4	1.5	3.5	2.3	.6							8.3	9.8
SSE	.2	.5	1.7	2.6	.8	.1						6.0	11.8
S	.3	.9	3.8	5.2	1.4	.0						11.8	11.7
SSW	.1	.6	1.6	2.4	1.1	.3						6.1	12.7
SW	.3	.7	2.4	1.7	1.1	.1						6.4	11.2
WSW	.1	.3	.6	1.0	.1							2.1	11.1
W	.1	.6	1.5	1.3	.3	.1						3.9	10.7
WNW	.1	.5	1.0	.9	.2							2.7	10.0
NW	.5	1.0	3.1	2.6	1.1	.5						8.6	11.5
NNW	.1	.7	3.0	4.2	1.3	.3						9.6	12.4
VARBL													
CALM												2.8	
	5.0	14.7	33.9	32.0	9.9	1.7			.0			100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2348



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-45,47-53,62-72 YEARS MONTH APR  
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	3.8	1.7	.5	.0						9.5	8.3
NNE	.6	1.2	1.9	.7	.0	.0						4.4	7.7
NE	.6	1.4	1.3	.5	.1	.0						4.1	7.3
ENE	.4	.7	.7	.2	.0	.0						2.1	6.9
E	.6	.9	.9	.9	.0							3.3	8.1
ESE	.6	1.1	1.9	1.2	.1	.0						4.9	8.9
SE	.9	1.9	3.1	1.2	.5							7.6	8.3
SSE	1.0	1.6	2.1	1.3	.3							6.3	8.0
S	.9	3.2	5.5	3.2	.3	.0						13.1	8.6
SSW	.3	.9	1.4	1.1	.2							3.9	9.2
SW	2.1	1.0	1.6	.3	.1							5.0	5.8
WSW	.9	.6	.6	.3		.0						2.5	6.4
W	1.2	1.3	.9	.3	.1	.1						3.9	6.7
WNW	.3	.6	.8	.6	.1	.0						2.5	8.7
NW	.9	1.9	2.3	1.8	.7	.1						7.7	9.2
NNW	.6	1.2	2.4	2.5	.6	.2						7.6	10.2
VARBL													
CALM												11.7	
	13.3	21.6	31.3	17.7	3.8	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-45, 47-53, 62-72 YEARS MONTH APR

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	2.0	1.1	.1	.0						6.0	7.6
NNE	.3	1.2	1.8	.8	.0							4.1	8.0
NE	.4	1.1	.9	.2	.1							2.8	6.7
ENE	.2	.2	.6	.1	.0							1.2	7.8
E	.3	1.0	1.0	.4	.0							3.0	7.3
ESE	.4	.7	1.3	1.0	.1	.0						3.7	9.2
SE	1.2	2.0	2.3	.7	.2							6.4	7.2
SSE	1.5	1.9	1.9	1.2								6.5	6.9
S	2.3	3.5	5.0	1.8	.2	.1	.0					12.9	7.5
SSW	.6	.6	1.3	.6	.2							3.4	8.3
SW	1.7	.9	.5	.3	.1							3.5	5.5
WSW	1.1	.5	.4	.2								2.2	5.0
W	2.0	1.2	1.0	.4	.2	.0						4.8	5.9
WNW	.9	.9	.7	.4	.0							3.0	6.0
NW	1.6	1.9	1.8	1.1	.2							6.6	7.2
NNW	1.0	1.6	2.1	2.0	.5	.1						7.4	9.2
VARBL													
CALM												22.4	
	16.9	21.1	24.7	12.3	2.1	.4	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2244

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION EPT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-53.62-71 YEARS MAY MONTH  
 ALL WEATHER CLASS 0000-0200 HOUR (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	1.4	.2								4.4	5.6
NNE	.5	.8	.8	.5	.1							2.8	7.8
NE	.2	.5	.7	.0								1.4	6.9
ENE	.4	.2	.2	.1								.9	5.5
E	.3	.6	.7	.1								1.7	6.4
ESE	.3	.7	.5	.1								1.7	6.2
SE	.9	2.4	1.6	.4	.0	.1						5.5	6.5
SSE	1.6	2.5	2.8	1.6	.0							8.6	7.1
S	2.3	4.6	4.8	1.4	.0							13.1	6.7
SSW	.8	.9	1.4	.5	.1			.0				3.7	7.5
SW	2.2	1.1	.9	.2	.1							4.5	5.2
WSW	1.5	.5	.4	.1								2.5	4.0
W	2.7	1.2	.8	.1	.0							4.9	4.4
WNW	.4	.9	1.2	.2								2.7	7.0
NW	.9	1.3	1.7	.8								4.7	7.0
NNW	.5	1.9	1.5	.7	.0							4.6	7.1
VARBL													
CALM												32.2	
	17.0	21.6	21.5	7.1	.6	.1	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 225

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-71 MAY  
STATION NAME YEARS MONTH  
ALL WEATHER 0300-0500  
CLASS HOURS (L.S.T.)  
 \_\_\_\_\_  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.2	2.0	.5	.1							5.6	6.3
NNE	.4	.6	1.0	.3								2.3	7.5
NE	.5	.7	.6	.1	.0							1.9	6.3
ENE	.1	.2	.1									.5	5.6
E	.4	.8	.8	.1								2.2	6.5
ESE	.3	.6	.7	.1	.0							1.8	6.9
SE	.5	2.3	2.4	.2	.0		.0					5.5	6.9
SSE	1.5	3.2	2.7	1.0	.1							8.5	6.7
S	2.7	4.2	3.6	1.3	.0							11.9	6.3
SSW	.6	.4	1.1	.1	.0							2.3	6.7
SW	2.1	.9	.8	.3	.1							4.2	5.4
WSW	1.1	.7	.4	.0								2.3	4.2
W	2.7	1.1	.9	.1								4.7	4.0
WNW	.7	1.0	1.1	.3	.0	.0						3.2	7.1
NW	1.1	1.4	2.2	.6	.1	.0						5.5	7.1
NNW	1.1	1.7	1.6	.7	.0							5.2	6.8
VARBL													
CALM												32.4	
	17.7	21.0	22.1	5.9	.7	.1	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2316

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS MAY MONTH  
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	2.5	.8	.1							7.4	6.3
NNE	.5	1.1	1.3	.5	.1							3.6	7.7
NE	.9	.5	1.0	.2								2.6	5.9
ENE	.2	.4	.2									.8	4.9
E	.5	.8	.7	.3	.1							2.4	6.8
ESE	.7	1.0	1.3	.4								3.3	6.5
SE	1.5	2.8	3.2	.9	.1							8.5	6.9
SSE	1.5	3.3	3.8	1.6	.2	.0						10.4	7.5
S	2.4	3.3	5.0	2.3	.2	.0						13.1	7.6
SSW	.5	.7	1.3	.7	.1							3.3	8.2
SW	1.0	.7	1.4	.7	.2	.0						4.0	7.7
WSW	.4	.4	.5	.2								1.5	6.5
W	.9	1.0	1.0	.1	.1							3.1	5.9
WNW	.4	.8	1.0	.4								2.6	7.5
NW	.6	1.6	2.3	1.3	.2							6.0	8.4
NNW	.4	1.4	2.7	1.2	.2	.0						6.0	8.7
VARBL													
CALM												21.3	
	14.7	21.6	29.4	11.4	1.5	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2453

11  
2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION    FURT LEAVENWORTH KANS/SHERMAN AAF STATION NAME    37-53,62-72 YEARS    MAY MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	3.3	1.7	.2	.0						8.0	8.5
NNE	.5	1.4	2.6	1.0	.0							5.6	8.0
NE	1.0	1.2	1.3	.2								3.8	6.2
ENE	.3	.7	.7	.0								1.7	5.9
E	.5	.9	1.2	.5								3.1	7.0
ESE	.4	1.1	1.8	.9	.1							4.2	8.6
SE	1.2	2.2	3.7	2.6	.2	.1						10.1	8.7
SSE	1.1	1.5	3.3	3.3	.7	.1						10.0	9.9
S	.7	2.2	6.1	4.5	.9	.1						14.4	10.0
SSW	.2	.8	2.7	2.4	.2	.1						6.5	10.3
SW	.4	.9	2.8	1.3	.7		.0					6.2	9.7
WSW	.1	.8	1.1	.7	.2	.1						3.0	9.7
W	.3	.8	1.1	.5		.0						2.8	8.0
WNW	.2	.5	1.3	.3								2.3	7.9
NW	.3	.7	3.1	1.4	.4	.1						6.1	9.9
NNW	.4	1.1	2.6	1.9	.7	.0						6.7	10.0
VARBL													
CALM												5.5	
	8.7	18.6	38.8	23.3	4.3	.8	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2450

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS MAY MONTH  
ALL WEATHER CLASS 1200-1400 HOURS (L.C.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	2.9	1.5	.3	.1						7.2	8.7
NNE	.6	1.5	2.6	.8	.1							5.7	7.9
NE	.7	1.4	1.7	.4								4.2	6.6
ENE	.1	.6	.7									1.4	6.3
E	.5	1.3	1.4	.3	.0							3.6	6.8
ESE	.2	.9	1.8	.6	.3							3.8	8.8
SE	.8	2.3	3.2	1.5	.2	.1						8.0	8.3
SSE	.4	1.2	2.9	4.3	1.3	.3						10.4	11.8
S	.7	2.0	5.4	4.9	1.4	.2						14.6	10.7
SSW	.1	1.0	2.5	2.9	.7	.1						7.2	11.1
SW	.2	.8	2.9	1.5	.7							6.1	10.3
WSW	.4	.6	1.3	1.0	.3		.0					3.7	9.6
W	.2	1.1	1.7	.5	.1	.0						3.7	8.3
WNW	.2	.7	1.5	1.1	.1	.0						3.7	9.2
NW	.2	.9	2.2	1.3	.4	.1						5.3	10.0
NNW	.5	1.1	2.2	2.0	.5	.1						6.4	10.3
VARBL													
CALM												4.9	
	6.6	19.2	37.0	24.6	6.6	1.0	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2454

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 37-53,62-72 MONTH MAY  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	3.0	1.9	.4	.0						8.2	8.7
NNE	.5	1.3	3.2	.6	.2	.2						5.9	8.0
NE	1.1	1.3	1.8	.5	.0							4.7	6.5
ENE	.2	.9	1.1	.0								2.2	6.5
E	.6	.9	1.6	.2	.2							3.5	7.5
ESE	.4	1.1	1.5	.8								3.8	7.8
SE	.8	1.9	2.5	1.2	.3							6.7	8.2
SSE	.6	1.4	3.2	3.4	.9	.2	.0					9.8	10.8
S	.9	2.4	5.9	5.1	1.2	.2	.0					15.7	10.3
SSW	.4	.9	2.4	3.1	.4	.0						7.3	10.5
SW	.4	.9	2.8	1.5	.3							6.0	9.6
WSW	.2	.9	.7	.4	.2	.0	.0					2.6	9.0
W	.4	1.3	1.9	.7	.2			.0				4.6	8.6
WNW	.2	.8	1.1	.9	.0							3.1	8.4
NW	.3	.7	2.0	1.6	.2	.1						4.9	9.8
NNW	.3	1.1	2.2	1.4	.7	.0						5.7	9.9
VARBL													
CALM												5.3	
	8.3	19.9	36.8	23.4	5.3	.7	.1	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2453



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 38-52 62-72 MONTH MAY  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	2.1	.7	.4							6.5	7.5
NNE	.3	.8	1.3	.3	.3							3.0	8.7
NE	.7	1.9	1.0	.1								3.8	5.6
ENE	.5	.8	.4	.1								1.8	5.5
E	.7	1.4	1.0	.2	.1							3.4	6.3
ESE	.7	1.2	1.2	.3	.0							3.5	6.5
SE	1.4	2.1	2.4	.5	.1							6.5	6.7
SSE	.7	2.3	3.6	1.5	.2							8.4	8.2
S	2.3	4.0	7.0	2.1	.4							15.8	7.7
SSW	.9	.9	1.9	.6	.1							4.4	7.4
SW	2.1	1.8	1.5	.6	.0							6.1	5.8
WSW	1.1	1.0	.4	.2								2.7	5.0
W	3.3	1.3	.7	.3	.0							5.6	4.4
WNW	.5	1.0	.8	.1	.2							2.6	6.8
NW	.8	1.1	1.3	.7	.1							4.0	7.2
NNW	.4	1.2	1.5	.5	.1							3.7	7.8
VARBL													
CALM												18.2	
	14.1	24.6	28.2	8.9	2.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2426

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53,62-72 YEARS MAY MONTH 2100-2300 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	.8	.9	2.0	.7								4.4	7.5
NNE	.5	.5	.9	.3	.1							2.3	7.4
NE	.6	.7	.9	.0	.0	.0						2.3	6.4
ENE	.1	.3	.2	.1								.7	6.4
E	.8	1.1	.4	.2	.1		.0					2.7	6.3
ESE	.3	1.0	.5	.1								2.0	5.7
SE	1.8	1.5	1.5	.3								5.1	5.7
SSE	1.4	2.7	2.7	1.5	.1							8.5	7.4
S	2.6	4.5	6.1	1.8	.1							15.2	7.1
SSW	1.2	.7	.9	.5	.2							3.4	6.7
SW	3.3	1.4	1.0	.3								5.9	4.6
WSW	1.4	.8	.3	.1								2.5	4.3
W	3.6	.9	.4	.1								4.9	3.6
WNW	.5	.7	1.2	.2	.1							2.7	6.9
NW	1.4	.9	1.5	.6								4.4	6.5
NNW	.5	1.1	1.0	.4	.1	.0						3.2	7.7
VARBL													
CAIM												29.8	
	20.7	19.8	21.5	7.2	.8	.1	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2334

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921 STATION      FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME      39-53.62-71 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	1.1	.5	.8	.4	.1							2.9	6.3
NNE	.4	.8	.7	.3	.0	.0						2.9	7.5
NE	.3	.9	.4	.2								1.8	6.3
ENE	.3	.1	.2	.0								.7	5.7
E	.5	.9	.4	.1	.0							2.1	5.7
ESE	.4	.7	.4	.0								1.7	5.6
SE	1.3	2.2	2.0	.2	.0							5.8	6.0
SSE	2.0	4.0	2.9	1.3	.1							10.4	6.6
S	3.1	5.1	5.9	1.6	.2							16.0	6.7
SSW	.8	.9	.6	.7	.1	.0						3.2	7.8
SW	2.6	.7	.6	.2								4.1	4.4
WSW	.8	.5	.2	.2								1.8	5.2
W	2.5	.4	.2	.4								3.7	4.4
WNW	.3	.4	.6	.1	.1							1.4	7.5
NW	1.1	1.4	1.1	.3		.0						4.0	6.1
NNW	.7	1.4	1.3	.4	.2	.0						4.0	7.3
VARBL													
CALM												34.1	
	18.4	21.1	18.6	6.7	1.0	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2223

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 38-53,62-71 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.3	1.4	.3	.0	.0						4.6	6.0
NNE	.5	.9	.7	.2	.0							2.4	6.6
NE	.7	.4	.4	.0								1.6	5.0
ENE	.2	.2	.4	.0								.7	6.1
E	.4	.6	.7	.3								2.0	6.6
ESE	.3	.4	.6	.2								1.3	6.9
SE	1.9	2.8	2.3	.2								7.2	5.7
SSE	1.9	4.1	3.5	1.1	.0							10.6	6.5
S	2.6	4.6	3.2	2.0	.1							14.4	6.9
SSW	1.0	.7	1.0	.7	.0							3.4	7.2
SW	2.3	1.3	.1	.2								4.0	3.9
WSW	.8	.6	.4	.1								2.0	5.2
W	2.3	.6	.4	.4								3.6	4.5
WNW	.3	.4	.8	.3								1.8	7.6
NW	.7	1.4	.8	.3								3.2	6.0
NNW	1.0	1.6	1.1	.4	.0							4.1	6.3
VARBL													
CALM												32.8	
	18.6	21.7	19.9	6.7	.3	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2285

2  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 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	1.8	2.3	1.4	.5	.1							6.0	5.9
NNE	.5	.9	1.1	.6								3.0	7.3
NE	1.6	.7	.7	.3								3.3	3.3
ENE	.2	.6	.3	.1								1.1	6.0
E	.6	.8	.7	.2								2.2	5.8
ESE	.4	1.0	1.0	.6								3.0	7.6
SE	2.5	2.7	3.5	1.0								9.6	6.5
SSE	1.9	4.2	4.6	1.4	.1	.0						12.4	7.0
S	2.1	4.2	6.8	2.6	.2	.0						15.9	7.7
SSW	.8	.9	1.5	1.0	.1	.0						4.3	8.3
SW	1.2	1.3	1.4	.5	.0							4.5	6.5
WSW	.5	.2	.3	.4	.1							1.5	7.9
W	.7	.5	1.0	.1								2.3	6.0
WNW	.3	.6	.5	.3		.0						1.7	7.9
NW	1.0	1.6	1.5	.3	.0							4.4	6.3
NNW	.5	1.6	1.4	.6	.1							4.3	7.1
VARBL													
CALM												20.4	
	16.6	24.0	27.5	10.4	.9	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2365

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAP  
STATION NAME

37-53, 62-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	2.3	.8								5.7	7.2
NNE	.5	1.3	1.8	.4	.0							4.1	7.1
NE	.7	.9	.9	.1	.0							2.7	5.9
ENE	.3	.5	.7	.1								1.6	6.5
E	.7	1.0	1.3	.3	.1							3.4	7.0
ESE	.7	1.1	1.5	.4								3.7	6.9
SE	1.8	2.5	4.1	2.2	.1	.1						10.9	8.0
SSE	.9	2.1	4.7	2.4	.3	.0						10.4	8.9
S	1.1	3.8	8.3	4.7	.6	.0						18.5	9.1
SSW	.3	1.5	4.6	1.9	.3							8.6	9.2
SW	.7	1.7	3.0	1.3	.3							7.0	8.4
WSW	.3	.8	.9	.4	.4	.0						2.9	9.1
W	.6	.8	.9	.5	.0	.0						2.9	7.4
WNW	.2	.6	.6	.3								1.7	7.6
NW	.3	.8	2.0	.6	.1							3.8	8.1
NNW	.5	1.1	1.7	1.2	.1							4.7	8.4
VARBL													
CALM												7.2	
	10.8	22.2	39.4	17.5	2.6	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2365

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 37-53, 62-72 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	3.2	.8	.1							7.6	7.3
NNE	.6	1.3	1.5	.8	.0							4.2	7.6
NE	.6	1.1	1.3	.4								3.3	6.8
ENE	.3	.7	.3									1.4	5.5
E	.7	1.0	1.0	.3	.1							3.1	6.9
ESE	.8	1.2	1.4	.7	.1							4.2	7.4
SE	.9	1.6	3.8	2.5	.2	.0						9.0	8.8
SSE	.8	1.6	4.4	3.0	.4	.0						10.2	9.5
S	.8	3.0	7.4	7.1	1.4	.1						19.8	10.3
SSW	.3	1.1	3.5	2.4	.3	.0						7.7	9.9
SW	.5	1.6	3.1	1.8	.5							7.6	9.3
WSW	.4	.9	1.1	.5	.2							3.1	8.2
W	.5	1.1	1.2	.3								3.1	6.9
WNW	.1	.5	.5	.4	.0							1.6	8.7
NW	.4	1.0	1.5	.7	.2							3.8	8.4
NNW	.4	.7	2.5	1.1	.1							4.8	8.8
VARBL													
CALM												5.5	
	8.7	21.3	37.6	23.0	3.6	.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2367

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921      FORT LEAVENWORTH KANS/SHERMAN AAF      37-53,62-72      JUN  
STATION      STATION NAME      YEARS      MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	2.6	.8	.1							6.4	7.3
NNE	.6	1.4	2.0	.6								4.7	7.3
NE	.9	1.4	1.0	.4								3.8	6.2
ENE	.6	.8	.8	.1								2.2	6.4
E	.3	.9	1.1	.5	.0							2.9	7.6
ESE	.3	1.1	1.1	.4	.1							2.9	7.3
SE	1.2	2.2	3.8	1.7	.0	.0						9.0	8.0
SSE	1.1	1.8	4.7	3.2	.5	.0						11.3	9.3
S	.9	2.0	10.0	5.9	1.1	.3						20.2	10.1
SSW	.4	1.2	2.9	1.5	.6							6.6	9.6
SW	.6	2.1	2.5	1.7	.3							7.3	8.7
WSW	.3	1.0	.8	.4	.2							2.6	8.0
W	.5	.5	.7	.4								2.1	6.7
WNW	.7	.7	.6	.1								2.2	5.6
NW	.5	1.2	1.2	.7	.1							3.7	7.9
NNW	.6	1.1	1.7	.7	.0							4.1	7.8
VARBL													
CALM												8.1	
	10.4	21.2	37.7	19.1	3.1	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS      2363



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 STATION EDBT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 YEARS JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.4	.3	.1	.0			.0			4.3	6.8
NNE	.7	1.0	1.4	.2	.1	.0						3.5	7.0
NE	.9	1.4	.4	.3								2.9	5.5
ENE	.4	.6	.4	.0								1.5	5.3
E	.9	1.2	.9	.3								3.3	6.1
ESE	.9	.6	1.3	.2								3.1	6.3
SE	1.6	2.6	3.3	.9								8.3	6.7
SSE	.9	2.9	4.4	1.5	.5	.0						10.2	8.1
S	2.2	6.1	8.3	2.6	.3	.1						19.5	7.6
SSW	1.1	1.1	1.1	.4	.2							3.9	6.8
SW	2.7	1.5	1.2	.4	.2							6.1	5.4
WSW	1.0	.8	.4	.3	.1							2.2	6.1
W	2.2	.6	.3	.4	.0							3.5	4.9
WNW	.5	.4	.3	.4	.1							1.4	6.5
NW	.9	1.2	.9	.3								3.1	5.9
NNW	.6	.5	.8	.5								2.3	7.2
VARBL													
CALM												20.8	
	18.6	23.4	26.8	8.6	1.5	.2			.0			100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2343

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

12921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53, 62-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.4	1.0	.3		.0						3.6	5.8
NNE	.4	.4	.5	.3								1.6	7.0
NE	.2	.9	.4	.3	.1							1.9	7.3
ENE	.2	.3	.1	.1								.7	6.1
E	.5	.6	.5	.2	.0							1.9	6.3
ESE	.4	.6	1.3	.0								2.3	6.5
SE	1.2	2.2	1.9	.2								5.5	6.0
SSE	2.4	4.1	3.8	1.0	.1							11.4	6.4
S	3.6	6.1	4.8	2.1	.3	.0						17.0	6.8
SSW	1.3	1.5	.4	.6	.2	.0						4.1	6.6
SW	2.9	1.3	.5	.4								5.1	4.4
WSW	1.2	.4	.4	.3		.0	.0					2.4	6.3
W	2.2	.6	.2	.2								3.2	4.1
WNW	.6	.3	.2	.2								1.3	5.6
NW	1.2	1.2	.8	.4								3.6	5.6
NNW	.6	.8	.6	.4	.2							2.5	7.5
VARBL													
CALM												31.8	
	19.8	22.7	17.5	7.0	.9	.2	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

2273

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 38-53,62-71 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	1.0	.1	.1							3.4	5.9
NNE	.2	.5	.2	.2	.0							1.1	6.7
NE	.4	.4	.3	.1								1.3	5.7
ENE	.1	.3	.2									.6	4.9
E	.2	.5	.1	.0								.9	5.3
ESE	.5	.5	.1	.1								1.3	5.1
SE	2.1	2.6	1.1	.1	.0							6.0	4.9
SSE	2.1	3.1	2.7	.1								8.1	5.5
S	3.7	5.1	3.8	.7								13.2	5.5
SSW	.8	1.0	1.1	.2								3.2	5.8
SW	3.2	1.3	1.3	.2								6.0	4.6
WSW	2.0	.4	.3	.1								2.8	3.8
W	3.1	.9	.5	.2	.0							4.7	4.1
WNW	.9	.2	.3	.0	.0							1.5	4.7
NW	1.4	1.1	.5	.3	.0	.0						3.4	5.5
NNW	1.0	1.6	.6	.1								3.2	5.1
VARBL													
CALM												39.4	
	22.6	20.9	14.1	2.6	.3	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2310

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 13921 FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53,62-71 YEARS MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.1	.3								3.9	5.8
NNE	.4	.8	.3	.3	.0							1.8	6.5
NE	.7	.3	.1	.2								1.3	5.2
ENE	.1	.2	.0	.0								.4	4.6
E	.1	.4	.1	.1								.8	6.1
ESE	.4	.5	.2	.0	.0							1.2	3.4
SE	1.6	2.8	1.1									5.5	4.9
SSE	2.2	3.1	2.3	.3								8.0	5.3
S	3.7	5.0	3.1	.3								12.1	5.2
SSW	.8	.9	.5	.1								2.3	5.3
SW	3.7	1.5	.5	.0								5.7	3.7
WSW	1.7	.6	.5	.1								2.9	4.2
W	2.5	.7	.6	.1								3.9	3.9
WNW	.3	.5	.3	.0								1.2	5.6
NW	1.1	1.3	.6	.4								3.5	5.6
NNW	1.3	1.8	.7	.2								4.0	5.0
VARBL													
CALM												41.5	
	22.0	21.8	12.2	2.5	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2384

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.7	1.4	.2	.0							5.2	5.3
NNE	.8	1.3	.6	.2	.0							3.2	5.9
NE	1.0	1.1	.3	.1								2.5	4.5
ENE	.3	.3	.2	.0								.8	4.9
E	.6	.6	.4	.0								1.6	5.0
ESE	1.0	.8	.6	.1								2.7	5.0
SE	2.9	3.9	2.5	.5								9.8	5.4
SSE	3.3	3.8	4.3	.6								12.0	5.9
S	3.3	5.4	4.7	.7	.0							14.1	5.9
SSW	.9	1.2	1.2	.1	.0							3.3	6.0
SW	1.5	1.5	1.3	.2								4.4	5.5
WSW	.7	.4	.6	.0								1.7	5.5
W	.8	.9	.4	.0	.0							2.1	5.0
WNW	.2	.6	.3	.0								1.1	5.6
NW	.7	1.0	.9	.2								2.8	5.7
NNW	1.3	1.9	1.4	.3								4.8	5.8
VARBL													
CALM												27.8	
	21.0	26.3	21.4	3.3	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2478

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 37-53,62-72 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	1.4	2.0	1.8	.8								5.9	6.5
NNE	.5	1.4	1.4	.5								3.8	7.1
NE	1.0	1.3	1.1	.1								3.4	5.8
ENE	.4	.6	.2									1.1	4.6
E	.8	1.2	.5	.1								2.6	5.4
ESE	.5	1.3	1.0	.3								3.2	6.3
SE	2.0	3.6	3.5	1.0	.1	.0						10.2	6.6
SE	1.1	3.4	4.8	1.2	.2							10.7	7.4
S	1.5	5.1	7.8	2.5	.0							16.9	7.8
SSW	.6	2.4	3.5	1.0	.1							7.5	7.6
SW	.9	2.7	3.6	.8								8.0	7.1
WSW	.3	1.4	1.5	.2			.0					3.4	6.9
W	.6	1.2	.9	.1	.0							2.9	5.9
WNW	.4	.7	.3	.0	.0	.0						1.5	5.9
NW	.4	1.0	1.2	.4								3.1	7.1
NNW	.9	1.7	1.8	.7								5.0	6.9
VARBL												10.7	
CALM													
	13.3	30.9	34.8	9.7	.5	.1	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2479

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION    FOPT LEAVENWORTH KANS/SHERMAN AAF STATION NAME    37-53.62-72 YEARS    JUL MONTH  
 \_\_\_\_\_ CLASS    1200-1400 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	2.5	.8	.0			.0				5.8	7.5
NNE	.6	1.6	1.8	.4	.2							4.6	7.3
NE	.8	1.6	1.4	.2								4.0	5.9
ENE	.4	.4	.4	.1								1.3	5.4
E	.8	1.3	.8	.1								3.1	5.3
ESE	.4	1.1	1.2	.4								3.1	7.1
SE	1.7	3.6	3.1	1.6	.1							10.1	7.0
SSE	.7	3.6	5.2	2.3	.3							12.1	8.2
S	1.4	4.0	8.2	2.8	.2							16.7	8.2
SSW	.4	1.9	3.9	.9	.0							7.1	7.9
SW	.8	2.1	4.2	1.3	.0							8.5	8.0
WSW	.4	1.1	1.5	.2	.0							3.4	6.9
W	.4	1.1	1.0	.2								2.7	6.4
WNW	.3	.9	.5	.0								1.8	5.7
NW	.4	1.4	1.6	.5	.0							3.9	7.4
NNW	.5	1.2	1.5	1.1	.2							4.4	8.4
VARBL													
CALM												7.3	
	10.8	29.0	38.9	12.9	1.1			.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2462

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 37-53, 62-72 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	2.4	.6								6.5	6.7
NNE	1.3	2.0	1.6	.6	.0							5.6	6.4
NE	.8	1.4	1.4	.2	.1							3.8	6.5
ENE	.5	.7	.5	.0								1.7	5.3
E	.9	1.1	.8	.1	.0							3.0	5.4
ESE	1.0	1.5	1.6	.4								4.5	6.4
SE	1.4	3.3	3.7	.8	.1							9.3	6.8
SSE	.8	2.8	5.6	1.8	.1							11.1	8.1
S	1.3	4.3	8.9	2.8	.1							17.5	8.1
SSW	.4	2.2	3.5	.9								7.0	7.8
SW	.9	2.1	3.3	.7	.1							7.1	7.4
WSW	.6	1.2	.7	.1								2.7	5.7
W	.9	.7	.6	.2								2.4	5.4
WNW	.1	.8	.4	.2								1.5	6.3
NW	.8	1.2	1.4	.4	.1							3.9	6.9
NNW	.2	1.2	1.4	.8	.0							3.8	8.2
VARBL													
CALM												8.7	
	13.0	28.9	38.1	10.6	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2492



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.2	.9	.1								5.0	5.0
NNE	.7	1.1	.9	.4								3.1	6.2
NE	.7	.8	.6	.1								2.3	5.5
ENE	.2	.5	.3	.0								1.0	5.7
E	.5	1.1	.6	.2								2.5	6.1
ESE	.7	1.0	1.1	.2								3.0	6.3
SE	2.4	3.7	1.5	.6								8.2	5.4
SSE	2.0	3.6	4.1	.5	.1							10.2	6.3
S	3.5	5.2	5.4	.8								14.9	6.1
SSW	1.5	2.1	1.1	.2								4.9	5.3
SW	3.9	2.2	.5	.0								6.7	3.9
WSW	2.0	.8	.5									3.3	3.8
W	1.3	1.0	.2	.1								3.2	3.9
WNW	.9	.7	.2									1.8	3.9
NW	.6	1.2	.5	.2								2.5	5.8
NNW	.5	1.1	.8	.2								2.7	6.4
VARBL													
CALM												24.7	
	23.6	28.5	19.4	3.7	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2401

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 38-53,62-72 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.8	.8	.6								2.8	4.8
NNE	.3	.8	.3	.1								1.5	5.1
NE	.2	.6	.2	.0								1.1	5.0
ENE	.1	.2	.2									.5	6.1
E	.4	.4	.2	.2								1.3	5.9
ESE	.3	.8	.6	.1								1.7	6.3
SE	2.2	2.1	1.3	.2								5.8	5.0
SSE	2.8	3.5	3.2	.4								9.9	5.7
S	5.0	5.8	4.2	.5								15.5	5.3
SSW	.8	1.3	.6	.0	.0							2.8	5.3
SW	3.8	1.4	.6	.0	.0							5.9	4.0
WSW	2.2	.4	.4	.1								3.1	3.9
W	3.5	.7	.4	.1								4.7	3.5
WNW	.9	.5	.0									1.4	3.1
NW	1.0	.9	.6	.1								2.6	4.8
NNW	.6	.9	.4					.0				2.0	5.2
VARBL													
CALM												37.3	
	25.5	21.3	13.8	2.0	.1			.0				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2357

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-71  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	1.2	.4	.1	.0						4.9	5.9
NNE	.4	.8	.3	.2	.0	.0						1.7	6.3
NE	.4	.4	.2	.0								1.2	4.8
ENE	.1	.2	.2									.5	5.5
E	.4	.3	.4									1.0	5.2
ESE	.5	.7	.6	.0	.0							1.8	5.8
SE	1.8	3.2	2.0	.3								7.2	5.7
SSE	2.1	4.4	2.3	.1								8.9	5.3
S	2.5	4.8	3.5	.5								11.4	5.8
SSW	.8	.8	1.0	.3								2.9	6.2
SW	2.7	1.0	.4	.1								4.3	3.8
WSW	1.4	.5	.2									2.1	3.6
W	3.0	.9	.5	.0								4.4	3.4
WNW	.5	.6	.1	.0								1.3	4.6
NW	.8	1.4	.9	.0								3.3	5.2
NNW	1.3	1.1	.4	.1		.1						3.0	5.5
VARBL													
CALM												40.2	
	20.3	22.7	14.1	2.3	.2	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2236

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FBPT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53,62-72 YEARS AUG MONTH

ALL WEATHER  
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	1.6	1.3	.4								5.2	5.4
NNE	.5	.7	.2	.0								1.5	4.7
NE	.6	.6	.3									1.5	5.0
ENE	.2	.2	.1									.5	4.5
E	.3	.5	.1									.9	4.5
ESE	.4	.9	.3	.1	.0							1.3	5.8
SE	1.4	3.3	1.9	.1								6.8	5.5
SSE	2.1	4.1	2.2	.2								8.6	5.4
S	3.0	4.4	2.6	.7								10.7	5.5
SSW	1.2	1.1	.7	.0	.0	.0						3.2	5.1
SW	2.6	.6	.7	.1								4.1	3.9
WSW	1.1	.6	.3	.0								1.9	4.0
W	2.7	.7	.2	.1								3.6	3.2
WNW	.3	.5	.4									1.2	5.4
NW	1.2	1.3	.6	.2								3.3	5.0
NNW	1.2	1.3	.9	.0								3.4	5.1
VARBL													
CALM												41.9	
	20.7	22.4	12.7	2.2	.1	.0						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2314

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

                      
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	.8	.2			.0					4.9	5.0
NNE	.7	1.1	.5									2.3	4.8
NE	1.1	1.1	.5	.1								2.9	4.5
ENE	.2	.2	.1									.5	4.5
E	.6	.6	.4	.2								1.8	5.3
ESE	.7	1.1	.6	.1								2.5	5.3
SE	3.6	5.3	3.0	.3								12.2	5.2
SSE	1.9	5.0	3.5	.6								11.1	5.9
S	3.0	5.3	3.1	.6								12.1	5.7
SSW	.6	1.2	1.0	.2								2.9	6.1
SW	1.3	.9	1.0	.1								3.3	5.2
WSW	.4	.6	.6									1.6	5.6
W	.8	.6	.5	.1								2.0	5.1
WNW	.2	.4	.3									.9	5.3
NW	.7	1.7	1.2	.3								4.0	6.2
NNW	.8	2.0	.8	.2	.0							3.9	5.6
VARBL													
CALM												31.1	
	18.7	29.1	18.0	3.0	.0		.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2489

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53, 62-72 YEARS AUG MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.7	.4								5.2	6.3
NNE	.8	1.0	1.4	.3								3.5	6.7
NE	1.2	1.4	.9	.1	.0							3.7	5.3
ENE	.6	.6	.3	.1								1.6	5.1
E	1.1	1.2	1.1	.2								3.7	5.7
ESE	.9	1.3	1.4	.3								3.9	6.2
SE	2.5	4.0	5.6	1.7	.1							13.9	7.1
SSE	1.2	3.1	4.9	1.6	.0							10.9	7.5
S	1.5	5.6	6.0	1.2	.2							14.4	6.9
SSW	.4	1.9	3.3	.9								6.6	7.7
SW	.6	1.6	3.2	.9	.1	.0						6.5	7.9
WSW	.4	1.2	1.2	.3								3.1	6.6
W	.6	1.0	1.0	.2								2.8	6.2
WNW	.1	.5	.5	.1								1.2	6.8
NW	.6	1.5	1.3	.7	.0							4.2	7.2
NNW	.5	1.3	1.6	.6	.1							4.1	7.6
VARBL													
CALM												10.7	
	14.1	29.3	35.6	9.6	.7	.0						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2485

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	2.5	1.1								6.4	7.4
NNE	.5	1.7	1.4	.5								4.1	6.9
NE	.8	1.8	1.2	.2								4.0	5.7
ENE	.4	.5	.3	.2								1.4	5.4
E	1.2	1.7	1.0	.2								4.1	5.2
ESE	.7	1.7	2.1	.7								5.2	7.0
SE	1.5	3.7	5.1	1.7	.2							12.2	7.6
SSE	.9	2.4	5.1	2.6	.1							11.1	8.5
S	1.3	4.2	7.3	2.3	.2							15.3	7.9
SSW	.3	1.5	3.2	1.3	.1							6.4	8.7
SW	.4	1.7	3.5	.9	.2							6.7	8.2
WSW	.2	1.0	1.4	.2	.2							2.9	8.0
W	.6	.8	1.2	.2	.0							2.9	6.8
WNW	.3	.4	.7	.1								1.5	6.8
NW	.4	.8	2.1	.8	.0							4.1	8.1
NNW	.4	1.0	1.3	1.1	.1							4.0	8.6
VARBL													
CALM												7.7	
	10.8	26.7	39.5	14.2	1.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2480

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS AUG MONTH  
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	3.0	1.1	.1							7.8	7.2
NNE	.8	1.6	1.9	.3								4.6	6.6
NE	1.1	1.5	1.2	.2								4.0	5.8
ENE	.5	1.0	.4	.1								2.1	5.3
E	1.1	1.9	1.5	.4								4.9	6.0
ESE	.8	1.6	2.4	.4								5.3	6.7
SE	1.7	3.0	5.5	1.2	.1							11.4	7.3
SSE	.7	3.1	5.6	1.6	.0							11.1	8.0
S	1.0	4.0	8.2	2.2	.1							15.6	8.1
SSW	.3	1.1	2.9	1.0	.0							5.4	8.3
SW	.8	1.5	2.1	.5	.2			.0				5.1	7.6
WSW	.4	.7	.6	.1	.1							1.9	6.5
W	.7	1.0	1.1	.1								2.9	5.8
WNW	.3	.4	.5	.2	.0			.0				1.4	8.1
NW	.5	1.3	1.3	.5								3.6	6.7
NNW	.6	.9	1.8	1.2	.1							4.6	8.5
VARBL													
CALM												8.4	
	12.8	26.7	40.0	11.0	.9			.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2475



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AFB STATION NAME 38-46, 48-53, 62-72 YEARS

AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	1.8	.2	.0							5.1	5.9
NNE	.9	1.1	.3	.1								2.4	4.9
NE	.9	.8	.6	.1	.0	.0						2.5	5.7
ENE	.3	.4	.3									1.1	5.2
E	1.2	1.4	.7	.0	.0							3.3	4.9
ESE	.7	1.5	1.0	.2	.0							3.5	6.1
SE	2.2	3.5	2.3	.3								8.4	5.5
SSE	2.8	3.7	1.9	.5								8.9	5.3
S	3.0	5.7	3.8	.4								12.8	5.7
SSW	.9	1.6	1.0	.0								3.5	5.5
SW	3.9	1.2	.7	.1		.0						5.9	4.0
WSW	1.5	.7	.2									2.4	3.6
W	2.6	1.2	.2	.0								4.0	3.7
WNW	.4	.5	.2	.1								1.2	5.1
NW	1.4	1.0	.7	.0	.0	.0						3.2	5.2
NNW	.8	1.2	.8	.6								3.4	6.8
VARBL													
CALM												28.5	
	24.7	27.0	16.6	2.9	.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2346

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-46,48-53,62-72  
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	1.3	1.4	.7	.2								3.6	5.2
NNE	.4	.5	.3	.1								1.4	5.7
NE	1.0	1.4	.3	.0	.0							1.8	4.9
ENE	.3	.4	.1									.9	4.7
E	.5	.3	.1	.0								1.0	4.4
ESE	.3	1.2	.8	.1								2.4	6.1
SE	1.8	3.0	2.0	.2	.0							7.0	5.4
SSE	3.1	4.8	1.9	.3	.0							10.1	5.1
S	3.8	4.2	3.4	.3								11.6	5.3
SSW	1.4	1.1	1.1	.1	.0							3.8	5.6
SW	2.9	1.0	.6	.2								4.8	4.1
WSW	.9	.3	.2									1.4	3.7
W	3.5	.6	.3									4.4	3.2
WNW	.4	.7	.5	.0								1.7	5.5
NW	1.0	1.0	.7	.1	.1							2.8	5.7
NNW	1.0	1.4	.7	.1	.1	.0						3.4	5.7
VARBL													
CALM												37.9	
	23.6	22.4	13.9	1.8	.3	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

2288

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.5	2.0	.4	.0							5.8	5.9
NNE	.4	.8	.2	.1	.0							1.5	5.7
NE	.4	.3	.6	.2								1.5	7.1
ENE	.1	.3	.3	.0								.8	6.4
E	.6	.3	.3	.1								1.4	5.0
ESE	.3	.6	.6	.3	.0							1.7	7.3
SE	1.0	2.0	1.5	.3	.0							4.8	6.1
SSE	1.7	3.5	2.4	.7								8.4	6.2
S	3.2	3.5	3.7	.5	.1							11.0	5.8
SSW	.8	.7	1.1	.0								2.7	5.8
SW	2.5	1.0	.7	.1	.0							4.4	4.2
WSW	1.4	.5	1.1	.1								3.0	5.2
W	1.9	.5	.8	.1								3.3	4.5
WNW	.5	.6	.4	.1								1.6	5.4
NW	.8	2.1	1.3	.4	.1							4.6	6.3
NNW	.9	2.1	1.6	.1								4.7	6.0
VARBL													
CALM												38.8	
	18.4	20.1	18.6	3.7	.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2130

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53,62-70 YEARS SEP MONTH  
0300-0500 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	1.5	2.0	1.9	.4	.2	.0						6.0	6.5
NNE	.3	.8	.6	.2	.0							2.0	6.8
NE	.4	.4	.6	.0								1.4	5.8
ENE	.2	.5	.2									.8	4.9
E	.5	.5	.0	.0								1.2	4.0
ESE	.4	.9	.3	.2								1.8	5.7
SE	1.9	1.4	1.4	.3								3.0	5.4
SSE	2.3	3.3	3.3	.5								9.4	5.9
S	2.7	3.3	3.5	.8	.1							10.4	6.2
SSW	1.0	.8	.8	.1								2.7	5.2
SW	2.2	.4	.8	.2								3.6	4.4
WSW	.8	.3	.3									1.4	4.2
W	2.1	1.0	.4	.1	.0							3.6	4.1
WNW	.5	.7	.7	.0								1.9	5.4
NW	1.0	1.8	1.8	.4	.0							5.0	6.4
NNW	.9	1.9	1.2	.2	.0							4.3	6.0
VARBL													
CALM												39.5	
	18.7	20.0	17.7	3.6	.5	.0						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 SEP  
STATION STATION NAME TEARS 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	2.0	2.4	2.0	.5	.1							7.0	5.9
NNE	1.0	1.2	1.3	.2	.2							3.8	6.4
NE	.7	.3	.9	.2								2.0	6.4
ENE	.5	.6	.2									1.3	4.4
E	.8	.5	.2	.1								1.6	4.8
ESE	.7	.6	.6	.1								2.0	5.0
SE	3.1	3.1	3.1	.7								9.9	5.6
SSE	2.1	4.0	3.5	.7								10.3	6.1
S	2.9	3.3	4.0	1.4	.1							11.8	6.3
SSW	.4	.6	1.1	.2	.0							2.2	7.0
SW	1.0	.7	1.4	.4								3.4	6.4
WSW	.4	.4	.4	.0								1.2	5.6
W	.7	.4	.6	.0								1.7	5.2
WNW	.4	.9	.4	.0								1.8	5.3
NW	.9	1.5	2.5	.4								5.4	6.9
NNW	1.2	2.4	2.4	.5	.1							6.6	6.6
VARBL													
CALM												28.1	
	18.7	22.9	24.4	5.4	.5							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2454

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53-62-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	2.5	1.6	.1							7.4	7.7
NNE	.3	1.1	1.7	.9	.2							4.3	8.7
NE	1.3	.9	1.1	.5	.1							4.0	6.5
ENE	.6	.5	.7	.1								1.9	6.1
E	1.1	1.2	.5	.2								2.9	5.0
ESE	.7	1.4	1.0	.3								3.4	6.4
SE	1.4	3.1	4.0	1.4	.5							10.3	7.6
SSE	.8	3.3	4.5	2.3	.2	.0						11.3	8.2
S	1.2	3.1	7.4	3.3	.5							15.5	8.7
SSW	.4	.9	2.9	1.4	.2							5.8	8.9
SW	.2	1.1	2.9	1.4	.5	.1						6.2	9.8
WSW	.2	.5	1.2	.5	.1	.0						2.5	8.9
W	.4	.9	1.4	.5								3.2	7.5
WNW	.1	.6	.7	.2								1.6	7.3
NW	.6	1.7	2.2	.7	.3							5.4	8.0
NNW	.4	1.5	2.2	1.7	.1							5.9	8.8
VARBL													
CALM												8.6	
	11.0	23.9	37.1	16.7	2.6	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2444

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921 STATION    FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME    37-53.62-72 YEARS    SEP MONTH

ALL WEATHER CLASS  
\_\_\_\_\_  
CONDITION  
\_\_\_\_\_

1200-1400  
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	.6	2.1	2.9	2.1	.1	.0						7.8	8.6
NNE	.7	1.1	1.9	.8	.0	.0						4.6	7.8
NE	.6	1.4	1.6	.6	.2							4.4	7.5
ENE	.3	.6	.4	.1								1.5	6.1
E	.5	1.4	.6	.2	.0							2.7	6.2
ESE	.6	1.1	1.6	.2	.0							3.6	6.8
SE	1.0	2.1	4.0	2.0	.1	.1						9.4	8.2
SSE	.5	1.5	4.5	2.9	.7	.0						10.1	9.9
S	1.3	2.7	7.1	5.0	.7	.1						17.0	9.6
SSW	.4	.6	2.9	1.8	.3	.1	.0					6.0	10.1
SW	.7	.9	2.9	1.9	.3	.2						6.9	9.8
WSW	.2	.7	1.4	.7	.1	.1						3.3	9.0
W	.4	1.1	1.4	.5	.1							3.5	7.8
WNW	.1	.6	.6	.2	.0							1.6	7.2
NW	.5	1.6	2.4	.9	.1							5.5	8.1
NNW	.4	1.1	3.1	1.7	.3							6.7	9.3
VARBL													
CALM												5.6	
	8.9	20.8	39.3	21.6	3.1	.7	.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2447

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53.62-72 YEARS SEP MONTH  
1500-1700 HOURS (L.S.T.)  
ALL WEATHER CLASS  
 \_\_\_\_\_ CONDITION  
 \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.9	3.2	1.6	.1	.1						9.1	7.7
NNE	.7	1.7	1.6	.5	.2							4.7	7.1
NE	1.1	1.3	1.5	.5	.2							4.5	6.9
ENE	.4	.9	.2	.0								1.6	5.0
E	1.2	1.6	.9	.2								3.9	5.3
ESE	.6	.7	1.4	.5								3.1	7.4
SE	1.0	2.4	4.3	1.1	.2	.0						9.0	7.8
SSE	.5	2.3	4.9	2.0	.4	.0						10.0	8.9
S	1.0	2.2	8.3	4.5	.5	.2						16.5	9.5
SSW	.2	.9	2.2	1.2	.1	.0						4.6	9.0
SW	.9	1.7	2.6	1.4	.4	.0						7.0	8.5
WSW	.4	.9	1.0	.4								2.8	6.9
W	1.1	1.2	1.1	.1	.1	.0						3.8	5.7
WNW	.2	1.0	.4	.2								1.7	6.3
NW	.4	1.1	2.5	.8	.0							4.9	7.9
NNW	.3	1.3	2.3	1.3	.4							5.7	9.0
VARBL													
CALM												7.0	
	11.2	24.1	38.4	16.3	2.5	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2448



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 STATION    FORT LEAVENWORTH STATION NE    WANS/SHERMAN AAF    38-46, 48-53, 62-72 YEARS    SEP MONTH  
 ALL WEATHER CLASS    1800-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	1.1	.6	.1							5.6	6.1
NNE	.5	.9	1.0	.3	.1	.0						2.8	7.4
NE	.9	1.0	.4	.2	.1							2.6	5.8
ENE	.3	.3	.1									.6	4.4
E	.5	.7	.5	.0								1.7	5.5
ESE	.4	1.0	.7	.1								2.2	5.8
SE	1.1	2.5	1.9	.3	.1							5.9	6.3
SSE	2.0	4.0	3.6	.6								10.2	6.1
S	2.4	4.2	4.7	.8	.0							12.0	6.4
SSW	1.3	1.0	.8	.2								3.4	5.2
SW	4.1	1.8	.5	.3								6.7	4.1
WSW	2.4	.6	.1									3.1	3.3
W	3.0	1.0	.7									4.8	3.7
WNW	1.3	.8	.4	.0								2.6	4.2
NW	1.6	1.4	.8	.2								4.0	5.1
NNW	1.0	1.3	1.2	.7	.2		.0					4.4	7.7
VARBL													
CALM												27.3	
	24.2	24.9	18.4	4.4	.7	.0	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2297

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13921 STATION NAME FORT LEAVENWORTH KANS/SHERMAN AAF YEARS 38-39,41-46,48-53,62-72 MONTH SEP  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPPE**
N	1.2	1.9	1.9	.5	.1							5.6	6.3
NNE	.5	.7	.9	.2	.1							2.4	7.1
NE	.5	.3	.5	.1								1.5	6.4
ENE	.4	.1	.5									1.0	5.9
E	.5	.4	.5									1.4	5.2
ESE	.4	.4	.4	.0								1.2	5.7
SE	.9	1.9	1.9	.2	.1	.0						5.0	6.6
SSE	2.5	3.2	3.1	.9		.0						9.6	6.0
S	3.5	3.6	3.7	1.0	.0	.0						11.9	6.0
SSW	1.1	.6	1.1	.1								3.0	5.6
SW	3.9	1.0	.4	.1								5.4	3.6
WSW	1.4	.5	.4	.1								2.5	4.3
W	2.2	.9	.3	.1								3.5	3.6
WNW	.7	.3	.5	.1								1.6	5.5
NW	1.3	1.1	.7	.2								3.3	5.3
NNW	1.1	1.7	1.7	.6	.1							5.3	6.9
VARBL													
CALM												36.0	
	22.2	18.5	18.5	4.3	.5	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2186

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

33-53,62-70  
YEARS

GCT  
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	1.8	1.7	2.2	.8	.0							6.5	6.5
NNE	.2	.3	1.0	.2	.0							1.8	8.3
NE	.4	.5	.1									1.1	4.6
ENE	.0	.2	.0									.3	5.1
E	.4	.1	.0									.5	3.4
ESE	.5	.2	.0									.8	3.3
SE	1.4	2.2	1.2	.0								4.9	5.2
SSE	1.3	3.8	2.6	.8	.1							8.8	6.5
S	3.0	3.1	3.6	.5	.0							10.3	5.8
SSW	.8	.5	.9	.4								2.5	6.9
SW	3.6	.6	1.1	.2								5.4	4.2
WSW	2.2	.2	.1	.0								2.6	3.4
W	2.6	.7	.6	.0								4.0	3.7
WNW	.5	.7	.5	.1								1.9	5.9
NW	1.4	1.9	1.8	1.0	.2	.1						6.3	7.3
NNW	1.0	2.1	2.8	.5	.1	.0						6.6	7.1
VARBL												35.7	
CALM													
	21.2	18.9	18.8	4.7	.6	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

2092

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.7	1.6	.5	.0							5.9	5.8
NNE	.4	.3	1.0	.1								1.8	6.9
NE	.4	.2	.2	.0								.9	4.8
ENE	.1	.1	.1	.1								.4	7.8
E	.3	.2	.0	.0								.5	4.8
ESE	.4	.5	.2	.0								1.1	5.0
SE	2.6	1.9	.9	.0		.0						5.5	4.6
SSE	2.2	3.1	2.6	.6	.0							8.6	6.0
S	2.8	3.0	3.4	.6	.1							10.0	5.9
SSW	.7	.4	.7	.2								2.0	6.0
SW	3.0	.8	.8	.2	.0							4.9	4.4
WSW	1.6	.4	.2	.0								2.2	3.7
W	2.6	.9	.6	.1								4.2	3.8
WNW	1.1	.6	.9	.1								2.7	5.3
NW	1.3	2.2	2.2	.7	.3	.0						6.8	7.2
NNW	.7	2.7	2.4	.9	.0							6.7	7.0
VARBL													
CALM												35.7	
	22.4	19.0	18.0	4.4	.5	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2237

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	2.0	.5	.1	.1						6.9	6.1
NNE	.8	.8	1.0	.3		.0						3.0	6.7
NE	.6	.4	.2	.0								1.3	4.3
ENE	.2	.2	.2	.1	.0							.7	6.9
E	.4	.4	.2	.0								.9	5.0
ESE	.7	.3	.2	.0								1.3	4.4
SE	2.2	3.1	1.8	.5								7.6	5.4
SSE	2.8	4.1	3.6	.7	.1							11.2	6.0
S	3.3	3.5	4.8	1.4	.0				.0			13.2	6.7
SSW	.4	.6	.6	.1								1.7	6.2
SW	1.6	.6	.8	.1								3.2	5.3
WSW	.6	.1	.2	.1								1.0	4.6
W	.8	.6	.6	.1								2.2	5.2
WNW	.5	1.1	.8	.2	.0							2.6	6.2
NW	1.0	2.1	3.0	.6	.1							6.7	7.0
NNW	1.2	2.4	2.9	1.2	.2	.0						8.0	7.5
VARBL													
CALM												28.3	
	18.9	23.0	22.8	6.2	.6	.2			.0			100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2501

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FOPT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS MONTH OCT  
0900-1100  
 HOURS (L.S.T.)

ALL WEATHER  
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	2.4	1.5	.3							7.8	7.9
NNE	.8	1.1	1.8	.8	.2	.1						4.8	8.2
NE	.8	1.1	.8	.2								2.9	5.8
ENE	.2	.2	.4		.1							.8	7.1
E	.5	.6	.5	.2								1.8	6.0
ESE	.4	.6	1.0	.2								2.2	6.8
SE	1.2	3.1	3.0	.8	.1							8.2	6.7
SSE	1.2	4.1	5.0	2.6	.2	.1						13.1	8.0
S	1.2	3.1	5.9	3.6	.6	.0						14.4	8.9
SSW	.3	1.6	3.0	1.7	.1	.1						6.8	9.1
SW	.8	1.4	2.4	1.5	.2							6.2	8.7
WSW	.1	.5	1.4	.6	.0							2.6	9.0
W	.4	.8	1.0	.3								2.6	7.0
WNW	.1	.6	1.1	.4	.0							2.2	8.4
NW	.5	1.2	2.7	2.0	.1	.0						6.5	9.1
NNW	.6	1.9	3.6	2.1	.5	.2						9.0	9.4
VARBL													
CALM												8.2	
	10.2	24.2	36.0	18.4	2.4	.5						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2503

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13921 STATION    FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME    37-53,62-72 YEARS    OCT MONTH

ALL WEATHER CLASS  
 \_\_\_\_\_  
 CONDITION  
 \_\_\_\_\_

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	3.6	2.2	.4	.0						9.2	8.8
NNE	.6	1.4	2.4	1.0	.0	.2						5.6	8.3
NE	.6	1.1	1.0	.0								2.7	5.8
ENE	.1	.3	.6	.1	.1							1.2	8.2
E	.2	.4	.4	.1								1.2	6.4
ESE	.2	.8	.7	.5								2.2	7.6
SE	1.1	2.2	3.1	1.0	.1							7.4	7.4
SSE	.4	2.1	4.9	3.5	.3	.1	.0					11.3	9.6
S	.8	3.1	5.9	5.1	.9	.0						15.8	9.8
SSW	.3	1.3	3.5	2.4	.3	.0						7.8	9.7
SW	.6	1.2	2.6	1.9	.4	.2						6.9	9.6
WSW	.0	.6	1.6	.9	.1							3.3	9.3
W	.7	.7	1.6	.9								3.3	8.0
WNW	.2	.4	.9	.7	.2							2.4	9.7
NW	.4	1.6	2.5	2.1	.3	.0						6.9	9.4
NNW	.4	1.1	3.2	3.0	.8	.2						8.7	10.6
VARBL													
CALM												3.6	
	7.7	20.3	38.4	25.4	3.8	.8	.0					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2505

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53.62-72 YEARS OCT MONTH  
1500-1700 HOURS (L.S.T.)  
 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	1.2	2.0	3.7	1.9	.3	.1						9.2	8.5
NNE	.5	1.7	1.7	.8								4.6	7.3
NE	.7	.9	.9	.1								2.5	5.8
ENE	.2	.4	.4	.1	.0							1.2	6.7
E	.2	.5	.5	.1								1.3	6.5
ESE	.6	1.1	1.0	.1								2.7	6.1
SE	.8	2.1	1.9	1.1	.1							6.1	7.3
SSE	.7	2.6	4.6	2.2	.4	.0						10.5	8.7
S	1.6	3.6	6.8	3.3	.4	.1						16.0	8.5
SSW	.4	1.3	2.8	1.4	.0		.1					6.0	9.0
SW	1.3	1.5	2.5	1.1	.1	.0						6.5	7.5
WSW	.8	.9	1.2	.5	.2							3.5	7.4
W	1.1	1.0	1.5	.6								4.1	6.6
WNW	.5	.7	.7	.4								2.3	6.6
NW	.6	2.2	3.2	1.5	.3							7.7	8.5
NNW	.7	1.6	3.7	1.8	.4	.2						8.4	9.4
VARBL													
CALM												7.4	
	11.9	23.9	37.1	17.0	2.2	.5	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2511



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION      FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME      38-46, 48-53, 62-72 YEARS      DEC MONTH  
1800-2000 HOURS (L.S.T.)  
ALL WEATHER CLASS  
 \_\_\_\_\_ CONDITION  
 \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	2.4	.3	.2							6.3	7.4
NNE	.5	.7	.8	.3								2.3	6.7
NE	.6	.5	.3									1.3	4.5
ENE	.1	.1	.1									.4	5.6
E	.1	.3	.2									.6	5.4
ESE	.6	.7	.4		.0							1.7	5.3
SE	1.2	1.8	1.0	.2								4.2	5.4
SSE	2.0	3.8	2.4	.7								9.0	5.9
S	3.3	5.4	4.6	.7	.1							14.1	6.0
SSW	1.5	.9	1.0	.3								3.7	5.5
SW	3.9	2.0	.7	.1		.1						6.9	4.3
WSW	3.1	.8	.2	.0								4.2	3.5
W	3.4	2.2	.6	.1								6.2	4.0
WNW	1.4	.8	.5	.1								2.8	4.8
NW	1.1	1.6	1.4	.4	.0	.0						4.6	6.4
NNW	.9	1.9	2.1	.8	.1							5.9	7.1
VARBL													
CALM												25.9	
	25.2	24.9	18.7	4.7	.5	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2355

# SURFACE WINDS

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

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

13921 STATION     FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME     38-39, 41-46, 48-53, 62-72 YEARS     OCT MONTH  
ALL WEATHER CLASS     2100-2300 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	2.0	.8	.0							6.2	6.7
NNE	.1	.4	.8	.4								1.8	8.1
NE	.2	.2	.4									.8	5.9
ENE	.0	.1	.1	.0								.3	7.2
E	.1	.2	.3									.7	5.8
ESE	.2	.5	.4									1.0	5.7
SE	1.6	1.9	1.7	.0								5.2	5.4
SSE	2.2	3.5	3.2	.5								9.4	6.0
S	2.9	4.2	4.7	1.0								12.8	6.2
SSW	.8	.8	1.3	.3								3.2	6.4
SW	3.3	.6	.9	.3	.1							5.2	4.6
WSW	2.5	.5	.3	.1								3.3	3.7
W	2.7	.8	.8	.1								4.4	4.2
WNW	.6	.8	.4	.2								2.0	5.9
NW	1.5	1.7	1.4	.8	.1							5.5	6.7
NNW	1.3	1.8	2.2	.7	.1							6.2	6.7
VARBL													
CALM												32.0	
	21.8	19.6	20.8	5.5	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2243

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921 STATION    FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME    38-52,62-70 YEARS    NOV MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.7	2.7	1.3	.2	.1						7.9	7.4
NNE	.5	.5	.8	.6	.1							2.5	8.5
NE	.5	.4	.6	.3								1.8	7.0
ENE		.2	.1	.1								.5	7.7
E	.1	.2	.0									.4	4.1
ESE	.6	.9	.6	.0								2.0	5.5
SE	1.2	1.6	1.7	.4								5.0	6.2
SSE	1.7	2.7	2.6	.5	.0							7.4	6.2
S	2.8	2.4	4.3	1.3	.2	.0	.1					11.2	7.3
SSW	.4	1.1	.8	.5	.4	.3						3.4	9.7
SW	1.4	.7	.9	.3	.1							3.5	6.0
WSW	.9	.3	.5	.1								1.8	4.9
W	1.6	1.0	.6									3.2	4.2
WNW	1.3	1.5	2.0	.6	.2							5.5	7.0
NW	1.3	2.3	3.5	1.7	.2	.1						9.1	8.0
NNW	.9	2.2	3.3	1.8	.5	.0						8.7	8.7
VARBL													
CALM												26.2	
	17.0	19.7	24.9	9.5	2.0	.6	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2113

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-52.62-70 YEARS NOV MONTH 0300-0500 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	1.4	1.5	2.7	1.2	.2	.0						7.1	7.8
NNE	.5	.8	1.3	.7	.1							3.4	8.5
NE	.1	.5	.5									1.1	6.6
ENE	.0	.1	.2	.2								.5	9.0
E	.4	.1	.0			.0						.6	4.9
ESE	.8	.4	.2	.1	.0							1.6	5.4
SE	1.3	2.0	1.4	.4								5.1	5.8
SSE	1.0	2.5	2.3	.5	.1							6.3	6.7
S	3.2	2.8	3.9	1.0	.3	.0						11.3	6.6
SSW	.3	.4	1.0	.9	.4	.2						3.1	11.1
SW	1.3	.7	.9	.3	.1	.0						3.5	6.5
WSW	.7	.8	.6	.1		.0						2.2	5.7
W	1.4	1.3	.8	.2								3.7	5.0
WNW	.9	1.3	2.0	.5	.1	.1						4.9	7.5
NW	1.1	2.8	3.8	1.0	.1	.1						9.0	7.7
NNW	1.0	2.1	3.5	1.8	.8	.1						9.3	9.3
VARBL													
CALM												27.2	
	15.4	20.0	25.2	8.9	2.4	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2101

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

NDV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	2.2	1.3	.2	.1						7.3	7.4
NNE	.1	.9	1.9	.5								3.3	8.2
NE	.4	.4	.5	.3								1.6	6.8
ENE	.3	.2	.2	.1								.9	6.5
E	.4	.2	.1									.7	3.7
ESE	.7	.5	.4									1.6	4.0
SE	1.8	2.3	1.5	.3	.1							6.0	5.8
SSE	1.7	2.7	2.8	.5								7.7	6.2
S	2.9	3.0	3.5	1.9	.2							11.4	6.9
SSW	.5	.7	.8	.8	.2	.1						3.1	9.4
SW	1.3	.6	.8	.4	.3	.0						3.4	7.1
WSW	.6	.4	.7	.1	.0	.1						2.0	7.0
W	1.0	1.4	1.2	.3								3.9	5.9
WNW	.7	1.3	1.7	.5	.0							4.4	7.0
NW	1.4	2.6	3.9	1.0	.5	.0						8.9	7.8
NNW	1.0	2.8	3.6	2.0	.5	.3						9.8	9.1
VARBL													
CALM												29.8	
	16.6	21.5	25.4	9.9	2.0	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2303

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921  
STATION

FOPT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	3.2	2.3	.3							9.5	8.3
NNE	.3	1.2	1.8	1.0		.0						4.3	8.2
NE	.7	.6	.5	.3	.0							2.1	6.0
ENE	.1	.3	.7		.0							1.2	7.1
E	.4	.7	.4									1.5	5.1
ESE	.4	.6	.8	.2		.0						2.0	6.8
SE	1.9	2.6	2.1	.8	.1							7.4	6.4
SSE	1.1	2.5	2.5	1.7	.3	.1						8.3	8.1
S	1.7	3.1	4.4	2.8	.4	.0						12.5	8.3
SSW	.3	1.3	2.3	1.5	.4	.0						5.8	9.6
SW	.3	.7	1.7	.9	.6	.1						4.3	10.2
WSW	.4	.6	.9	.6	.3	.0						2.8	9.3
W	.6	.9	1.8	.7	.0							4.0	8.2
WNW		.8	2.1	.9	.2							4.0	9.7
NW	.5	1.9	4.2	2.0	.8	.3						9.6	9.8
NNW	.8	1.6	4.8	2.9	.7	.5						11.1	10.3
VARBL													
CALM												9.3	
	11.0	21.7	34.1	18.6	4.2	1.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2353

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

## SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52, 62-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	3.6	2.7	.5	.0						9.8	9.0
NNE	.3	.9	1.1	.8	.1	.1						3.3	8.9
NE	.5	.9	.4	.3	.1							2.2	6.9
ENE	.3	.3	.3	.2								1.0	6.8
E	.3	.5	.4	.0								1.3	5.8
ESE	.5	.8	.9	.4								2.6	6.9
SE	1.1	1.4	2.3	1.0								5.7	7.4
SSE	.6	1.1	2.7	2.1	.5	.0						7.1	9.9
S	1.0	2.4	5.4	3.3	.7	.3						13.0	9.6
SSW	.3	.7	2.4	2.2	.5	.2						6.3	10.8
SW	.5	1.0	2.1	1.5	.6	.1	.0					6.5	10.1
WSW	.3	.6	2.0	.8	.3		.0					4.0	9.6
W	.4	1.1	1.7	.5	.0	.0						3.8	7.7
WNW	.3	.7	2.5	1.5	.2							5.2	9.5
NW	.5	1.8	4.6	3.4	1.2	.6	.0					12.1	11.0
NNW	.4	1.7	4.6	3.2	1.4	.4						11.7	11.0
VARBL													
CALM												4.5	
	8.1	17.9	37.8	23.9	6.1	1.7	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

2352

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

NNV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	3.5	1.5	.3	.0						8.8	8.1
NNE	.4	1.0	1.7	.7								3.9	8.0
NE	.6	.7	.4	.3								2.0	6.2
ENE	.5	.2	.2	.0								.9	4.6
E	.2	1.0	.5	.1								1.8	5.9
ESE	.2	.6	1.1	.3								2.1	7.2
SE	1.6	1.5	1.9	.6								5.6	6.2
SSE	.5	1.7	3.0	1.4	.3							7.0	8.7
S	1.8	3.5	5.1	2.0	.8	.1						13.4	8.2
SSW	.4	1.6	2.2	1.4	.3	.1						6.0	9.2
SW	1.1	1.7	1.7	.6	.4	.0						5.6	7.6
WSW	.6	.8	1.2	.2								2.8	6.7
W	1.1	1.2	1.6	.5	.0	.0						4.5	6.8
WNW	.5	1.6	1.9	.8	.3							5.1	8.1
NW	1.1	2.2	4.7	2.7	.9	.3						12.0	9.7
NNW	.4	2.3	5.0	2.2	1.1	.2	.0					11.1	9.8
VARBL													
CALM												7.3	
	12.1	24.0	35.7	15.4	4.5	.8	.6					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2354



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-52.62-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	2.6	1.6	.2							7.4	7.8
NNE	.3	.7	1.1	.5								2.6	8.1
NE	.5	.4	.4	.5	.1							1.9	8.1
ENE	.2	.0	.1	.0								.4	5.4
E	.4	.5	.1	.1								1.1	5.0
ESE	.1	.6	.7	.2								1.1	7.6
SE	1.1	2.0	1.7	.2								5.0	5.9
SSE	1.3	2.5	3.0	.3	.1	.0						7.3	6.5
S	2.9	3.9	3.2	1.7	.1	.2						12.0	6.9
SSW	1.0	.7	1.2	.5	.2	.1						3.8	7.9
SW	2.5	1.5	.9	.3	.1	.0						5.3	5.3
WSW	1.7	.9	.7									3.3	4.4
W	2.6	1.8	1.1	.3								5.7	4.8
WNW	1.3	1.4	1.1	.4	.0	.0						4.3	6.3
NW	1.8	1.9	3.3	1.6	.3	.1						8.9	7.9
NNW	1.3	2.1	3.2	2.1	.3	.2						9.2	8.7
VARBL													
CALM												20.0	
	26.2	22.5	24.6	10.3	1.6	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2317

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-52,62-72 YEARS NOV MONTH  
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	2.7	1.2	.1	.1						7.0	8.0
NNE	.3	.6	1.0	.7	.0	.0						2.7	8.8
NE	.3	.5	.6	.2		.0						1.7	7.7
ENE	.3	.1	.2									.6	5.1
E	.1	.2	.0	.0								.4	5.6
ESE	.6	.6	.5	.1								1.7	5.4
SE	1.5	2.0	1.4	.2	.1							5.2	5.8
SSE	1.3	2.2	2.8	.6	.0							7.2	6.6
S	2.5	3.1	4.5	1.2	.3	.1						11.8	7.1
SSW	.4	1.0	.9	.6	.2	.1						3.1	9.0
SW	2.0	.8	.6	.3	.2	.0						3.9	5.7
WSW	1.3	.8	.7	.1								3.0	5.0
W	1.8	1.4	1.2	.2	.0							4.6	5.2
WNW	1.1	1.3	1.3	.4	.1							4.4	6.4
NW	1.3	2.4	3.3	1.2	.2	.1						8.5	7.7
NNW	1.0	2.0	3.7	1.6	.6	.1	.0					8.9	8.8
VARBL													
CALM												25.2	
	17.2	20.8	25.4	8.8	1.9	.6	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2320

2  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-52,62-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.8	2.4	1.1	.3	.1						7.0	7.8
NNE	1.0	1.0	2.3	.2	.1	.0						4.7	7.1
NE	.7	.9	.5	.0								2.1	5.1
ENE	.3	.3	.3	.0								.9	5.6
E	.5	.3	.3	.0								1.1	4.8
ESE	.6	.7	.4	.1								1.9	5.5
SE	1.6	1.2	1.7	.4	.1							5.0	6.0
SSE	1.6	2.2	2.7	.4	.1							7.0	6.3
S	2.5	2.6	3.0	.9	.3							9.2	6.6
SSW	.6	.7	1.0	.2	.0							2.5	6.6
SW	1.6	.9	.9	.4								3.8	5.5
WSW	.8	.6	.5	.2								2.1	5.6
W	1.3	1.2	1.0	.2	.0							3.7	5.3
WNW	1.0	.9	2.3	.5	.2							5.0	7.4
NW	1.1	1.9	3.1	1.3	.4	.0						7.9	6.3
NNW	.9	2.4	2.7	2.7	.5	.2						9.4	9.4
VARBL													
CALM												26.8	
	17.2	19.6	25.2	8.8	2.1	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2229

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921 STATION     FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME     38-52.62-70 YEARS     DEC MONTH  
ALL WEATHER CLASS     0300-0500 HOURS (L.S.T.)  
 \_\_\_\_\_  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.8	3.0	1.3	.3	.0						7.3	7.7
NNE	.4	.5	1.9	.5	.0	.0	.0					3.4	8.7
NE	.6	.3	.5	.2								1.7	5.8
ENE	.3	.4	.3	.1								1.1	6.0
E	.5	.4	.4									1.3	5.1
ESE	.5	.5	.5	.4								1.9	6.8
SE	1.0	1.5	1.8	.4								4.7	6.5
SSE	1.3	2.3	2.2	.9								6.3	6.6
S	2.0	2.9	2.9	1.0	.3							9.0	6.9
SSW	.5	.4	1.0	.3								2.2	7.1
SW	1.4	.8	.9	.1	.0							3.3	5.1
WSW	.9	.4	.0	.4								1.7	5.5
W	1.3	1.3	.9	.4	.0	.0						4.0	5.8
WNW	1.0	1.1	2.2	.6	.2							5.2	7.5
NW	1.7	2.9	3.0	1.2	.5							9.3	7.4
NNW	1.1	2.2	3.3	2.6	.9	.1						10.1	9.5
VARBL													
CALM												26.8	
	16.0	19.7	24.7	10.3	2.2	.2	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	2.6	1.8	.4							8.9	7.7
NNE	.4	.7	1.6	.4	.1	.0						3.3	8.1
NE	.5	.8	.8	.0								2.1	5.9
ENE	.1	.3	.2	.1								.8	6.6
E	.5	.4	.5	.0								1.5	5.4
ESE	.5	.6	.7	.2								2.0	6.5
SE	2.6	2.1	1.7	.6								7.0	5.5
SSE	2.1	1.9	2.7	.5								7.2	6.3
S	2.6	2.5	2.2	1.1	.2		.0					8.7	6.6
SSW	.5	.5	1.0	.3	.0							2.4	7.4
SW	1.4	.7	.8	.4	.0							3.4	6.1
WSW	.5	.4	.1	.1	.0							1.2	4.9
W	1.1	1.3	1.1	.3								3.7	5.7
WNW	.6	1.6	2.1	.9	.0	.0						5.2	7.7
NW	1.7	1.7	3.3	1.6	.5	.2						8.9	8.3
NNW	1.2	1.9	4.0	1.9	.5	.2						9.6	8.8
VARBL													
CALM												24.1	
	18.5	19.3	25.4	10.4	1.8	.4	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2381

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

13921    FORT LEAVENWORTH KANS/SHERMAN AAF    37-52.62-72    DEC  
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	1.9	1.8	3.8	2.1	.5	.0						10.0	8.4
NNE	.7	.9	1.8	.8	.1							4.2	8.0
NE	.4	.5	1.0	.4	.0							2.3	7.7
ENE	.4	.5	.1	.1								1.1	4.7
E	.6	.5	.5	.2								1.7	5.4
ESE	.7	.8	1.2	.2								3.0	6.3
SE	2.2	3.1	2.0	1.1								8.4	6.1
SSE	1.2	3.0	3.1	1.0	.2							8.5	6.9
S	1.7	2.0	3.6	2.2	.3							9.8	8.0
SSW	.7	1.3	2.0	1.1	.2	.1		.0				5.4	8.7
SW	.3	.8	.8	.4	.2	.0	.0					2.8	9.2
WSW	.1	.5	.8	.2	.1							1.6	8.1
W	.5	1.0	1.5	.6	.0	.0						3.8	7.9
WNW	.3	.7	2.3	.8	.1	.0	.0					4.4	8.8
NW	.9	1.7	4.1	3.0	.3							10.0	9.3
NNW	1.1	1.8	4.8	3.5	.8	.0	.0					12.1	9.7
VARBL													
CALM												10.9	
	13.7	20.9	33.4	17.8	2.8	.3	.1	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2435

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52, 62-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	3.7	2.1	.6	.1						9.5	9.1
NNE	.7	1.0	2.5	.9	.2							5.2	8.3
NE	1.0	.5	1.1	.5	.0							3.2	7.0
ENE	.3	.3	.3	.0								1.0	5.8
E	.3	.5	.5	.0								1.4	5.7
ESE	.4	.7	1.0	.3								2.4	6.9
SE	1.1	2.1	3.1	1.0	.1							7.3	7.6
SSE	.8	1.5	2.7	.8	.2							6.0	7.8
S	.9	2.5	4.0	2.3	.2							9.9	8.4
SSW	.3	1.0	2.9	2.0	.3	.1						6.6	10.0
SW	.4	1.3	2.9	1.2	.5	.1						6.3	9.2
WSW	.4	.9	1.2	.5	.2	.1						3.3	8.8
W	.2	.7	2.1	.7	.1	.0						3.7	8.8
WNW	.4	1.0	1.9	1.3	.3	.0		.0				4.9	9.8
NW	.7	2.2	4.7	2.7	.7	.2	.0					11.2	9.7
NNW	.9	1.6	4.5	4.0	.9	.2	.0					12.1	10.4
VARBL													
CALM												6.0	
	9.7	19.6	39.1	20.3	4.4	.8	.1	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

2430

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	3.6	1.3	.4							9.1	7.9
NNE	.5	1.0	2.3	.7	.1							4.6	8.2
NE	.7	.9	1.2	.2								3.0	6.4
ENE	.4	.4	.4	.1								1.2	5.6
E	.8	1.2	.7	.1								2.8	5.3
ESE	.4	.7	.8	.3								2.2	6.9
SE	.9	2.0	2.8	.7		.0						6.5	7.1
SSE	.7	2.0	2.8	.5	.0							6.0	7.1
S	1.8	3.1	3.7	1.6	.2	.0						10.4	7.5
SSW	.7	1.5	2.0	.8	.0							5.0	7.4
SW	.7	1.6	1.6	.6	.2	.0						4.7	7.7
WSW	.5	1.0	1.0	.2	.1							2.7	6.8
W	1.1	2.2	1.3	.3	.1							5.6	6.1
WNW	.5	1.9	2.0	.8	.1		.1					5.5	8.2
NW	.9	1.8	3.9	2.2	.6	.2						9.7	9.6
NNW	.9	2.1	3.9	3.3	.8	.1						11.1	9.6
VARBL													
CALM												10.6	
	12.6	25.8	34.0	13.8	2.6	.5	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

2434



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13921 STATION    FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME    38-52,62-72 YEARS    DEC MONTH  
 ALL WEATHER CLASS    1000-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.5	2.8	1.9	.6	.0						8.8	8.5
NNE	.4	.6	1.0	.3	.0							2.3	7.4
NE	1.0	.7	.7	.1								2.5	5.3
ENE	.4	.3	.3									1.0	5.0
E	.5	1.2	.7	.1								2.4	5.4
ESE	.5	.7	.9	.3								2.4	6.6
SE	1.3	1.5	1.3	.5	.1							4.7	6.4
SSE	1.9	2.8	2.2	.3								7.2	5.5
S	2.1	3.2	3.4	1.2								9.9	6.6
SSW	1.0	.4	.9	.3	.0							2.6	6.3
SW	2.3	.9	.8	.3	.0							4.4	5.0
WSW	.8	1.1	.4	.3								2.6	5.8
W	2.0	1.1	.6	.1	.0	.0						3.9	4.9
WNW	1.4	1.0	2.0	.6	.1	.1						5.2	7.1
NW	1.9	1.8	2.6	1.4	.3	.1						8.1	7.6
NNW	1.3	2.8	2.8	1.8	.4	.2						9.3	8.5
VARBL													
CALM												22.6	
	19.8	22.6	23.2	9.6	1.7	.5						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2388

0  
2  
C  
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C  
C  
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C

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921 STATION      FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME      38-92,62-72 YEARS      DEC MONTH  
ALL WEATHER CLASS      2100-2300 HOURS (L.S.T.)  
 \_\_\_\_\_  
 \_\_\_\_\_ CONDITION \_\_\_\_\_  
 \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	2.6	1.7	.3	.0						8.0	8.1
NNE	.5	1.3	1.2	.5	.1	.0						3.6	7.3
NE	1.0	.8	.6	.0								2.4	3.0
ENE	.5	.1										.6	3.0
E	.7	.8	.3	.0								1.8	4.8
ESE	.3	.7	1.0	.3								2.3	6.8
SE	1.5	1.7	1.5	.5	.0							5.3	6.2
SSE	1.8	2.2	2.0	.1	.1							6.2	5.5
S	2.9	2.0	4.0	1.0								9.9	6.4
SSW	.5	.6	.6	.4								2.1	7.0
SW	1.6	1.0	1.3	.3	.0							4.3	5.7
WSW	1.0	.4	.6	.3								2.3	5.5
W	1.7	.5	.9	.4								3.5	5.5
WNW	.8	.8	1.4	.6	.1	.0						3.7	7.6
NW	1.6	1.9	3.1	1.5	.5							8.7	8.0
NNW	1.7	2.7	3.4	2.3	.5	.1						10.8	8.4
VARBL													
CALM	19.6	19.3	24.6	9.9	1.7	.3						24.6	
												100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2389

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13921 STATION      FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME      37-53,62-72 YEARS      ALL MONTH

INSTRUMENT  
CLASS

ALL  
HOURS (L.S.T.)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 36	%	MEAN WIND SPEED
N	1.6	2.5	4.7	2.9	.7	.2	.0					12.7	9.1
NNE	.7	1.7	3.3	1.5	.3	.0						7.6	8.7
NE	1.0	1.7	1.8	.7	.1	.0						5.5	7.2
ENE	.5	.8	.8	.1	.0							2.3	6.1
E	.9	1.3	1.2	.5	.0	.0						3.8	6.6
ESE	.5	1.1	1.7	.8	.1	.0						4.2	8.0
SE	1.8	2.5	2.8	1.1	.1	.0	.0					8.4	7.0
SSE	1.2	1.6	2.0	.7	.1	.0						5.6	6.9
S	1.4	1.9	2.4	.8	.1	.0	.0					6.7	6.9
SSW	.5	.6	.8	.2	.1	.0	.0					2.1	7.1
SW	.9	.7	.7	.2	.1	.0	.0					2.5	5.9
WSW	.5	.3	.2	.1	.0	.0						1.1	5.6
W	.8	.5	.5	.2	.0	.0		.0				2.1	6.1
WNW	.4	.5	.9	.4	.1	.0		.0				2.2	8.2
NW	.7	1.5	2.6	1.8	.4	.1	.0					7.1	9.3
NNW	.8	1.7	3.8	3.1	.9	.2	.0	.0				10.6	10.2
VARBL													
CALM												15.5	
	14.0	20.9	30.2	15.2	3.2	.7	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 22547

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100					95.4		96.9			98.3						100.0
0																

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

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

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

#### ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

ALL

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (LST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.8	51.4	52.3	52.9	53.4	53.5	53.7	53.8	53.8	54.0	54.1	54.1	54.3	54.3	54.4	54.7
IV 20000	41.6	59.8	60.8	61.5	62.1	62.2	62.5	62.6	62.6	62.8	62.9	62.9	63.1	63.1	63.2	63.5
IV 18000	41.8	60.0	61.0	61.7	62.3	62.4	62.7	62.8	62.8	63.0	63.1	63.2	63.3	63.3	63.5	63.7
IV 16000	41.9	60.2	61.3	62.0	62.5	62.6	62.9	63.0	63.1	63.3	63.4	63.4	63.5	63.6	63.7	63.9
IV 14000	42.5	61.0	62.1	62.8	63.4	63.4	63.7	63.9	63.9	64.1	64.2	64.2	64.4	64.4	64.5	64.8
IV 12000	43.8	62.8	63.9	64.6	65.2	65.3	65.6	65.7	65.8	66.0	66.1	66.1	66.3	66.3	66.4	66.7
IV 10000	45.2	65.3	66.5	67.3	67.9	68.0	68.3	68.4	68.5	68.7	68.8	68.8	69.0	69.0	69.1	69.4
IV 9000	45.7	66.1	67.3	68.1	68.7	68.8	69.1	69.2	69.3	69.5	69.6	69.6	69.8	69.8	69.9	70.2
IV 8000	46.8	68.2	69.5	70.3	71.0	71.1	71.4	71.5	71.5	71.7	71.9	71.9	72.1	72.1	72.2	72.5
IV 7000	47.8	69.7	71.1	72.0	72.7	72.8	73.1	73.2	73.2	73.5	73.6	73.6	73.8	73.8	73.9	74.2
IV 6000	48.4	71.1	72.4	73.4	74.1	74.2	74.5	74.7	74.7	74.9	75.0	75.1	75.2	75.3	75.4	75.6
IV 5000	49.4	72.9	74.3	75.3	76.1	76.2	76.5	76.7	76.7	76.9	77.0	77.1	77.2	77.3	77.4	77.6
IV 4500	49.8	73.6	75.1	76.1	76.9	77.0	77.4	77.5	77.5	77.8	77.9	77.9	78.1	78.1	78.2	78.5
IV 4000	50.6	75.1	76.7	77.8	78.6	78.7	79.1	79.2	79.3	79.5	79.6	79.6	79.8	79.8	79.9	80.2
IV 3500	51.3	76.3	77.9	79.0	79.8	80.0	80.3	80.5	80.5	80.8	80.9	80.9	81.1	81.1	81.2	81.5
IV 3000	52.4	78.1	79.8	80.9	81.8	82.0	82.4	82.5	82.6	82.8	82.9	83.0	83.1	83.1	83.3	83.5
IV 2500	53.3	79.9	81.7	83.0	83.9	84.0	84.4	84.6	84.7	84.9	85.1	85.1	85.3	85.3	85.4	85.7
IV 2000	54.3	82.0	83.9	85.3	86.3	86.5	86.9	87.1	87.1	87.4	87.6	87.6	87.8	87.8	87.9	88.2
IV 1800	54.5	82.6	84.6	86.0	87.0	87.2	87.6	87.8	87.9	88.1	88.3	88.3	88.5	88.5	88.6	88.9
IV 1500	55.1	84.1	86.3	87.7	88.9	89.1	89.5	89.8	89.8	90.1	90.3	90.3	90.5	90.5	90.6	90.9
IV 1200	55.5	85.4	87.8	89.4	90.6	90.8	91.4	91.6	91.7	92.0	92.2	92.2	92.4	92.4	92.6	92.8
IV 1000	55.7	86.4	88.8	90.6	92.0	92.3	92.9	93.2	93.3	93.7	93.9	93.9	94.1	94.1	94.3	94.5
IV 900	55.8	86.7	89.2	91.1	92.5	92.8	93.5	93.8	93.9	94.3	94.5	94.5	94.8	94.8	94.9	95.2
IV 800	55.9	87.0	89.7	91.7	93.3	93.6	94.4	94.7	94.8	95.3	95.5	95.6	95.8	95.8	96.0	96.2
IV 700	55.9	87.3	90.0	92.1	93.8	94.2	95.0	95.4	95.5	96.0	96.3	96.3	96.6	96.6	96.7	97.0
IV 600	55.9	87.4	90.2	92.4	94.2	94.6	95.6	96.1	96.2	96.7	97.0	97.1	97.4	97.4	97.5	97.8
IV 500	55.9	87.5	90.3	92.6	94.5	95.0	96.1	96.6	96.7	97.4	97.7	97.8	98.1	98.2	98.3	98.6
IV 400	55.9	87.5	90.4	92.7	94.6	95.1	96.3	96.9	97.0	97.7	98.1	98.2	98.6	98.6	98.8	99.1
IV 300	55.9	87.6	90.4	92.7	94.7	95.2	96.4	97.0	97.1	97.9	98.3	98.4	98.8	98.9	99.1	99.3
IV 200	55.9	87.6	90.4	92.7	94.7	95.2	96.4	97.0	97.2	98.0	98.4	98.5	99.0	99.0	99.2	99.6
IV 100	55.9	87.6	90.4	92.7	94.7	95.2	96.4	97.0	97.2	98.0	98.4	98.5	99.0	99.1	99.3	99.7
IV 0	55.9	87.6	90.4	92.7	94.7	95.2	96.4	97.0	97.2	98.0	98.5	98.5	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 223274

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.2	47.7	48.6	49.1	49.7	49.8	50.0	50.2	50.2	50.4	50.5	50.5	50.6	50.6	50.7	50.8
IV 18000 16000	37.9	56.4	57.5	58.2	58.8	58.9	59.3	59.5	59.5	59.7	59.9	59.9	60.0	60.0	60.1	60.2
IV 14000 12000	38.7	57.7	58.8	59.5	60.2	60.3	60.6	60.8	60.9	61.1	61.3	61.3	61.4	61.4	61.5	61.6
IV 10000 9000	41.1	62.2	63.4	64.1	64.9	64.9	65.4	65.6	65.6	65.8	66.0	66.0	66.1	66.1	66.2	66.3
IV 8000 7000	42.3	64.4	65.7	66.5	67.3	67.3	67.8	68.0	68.0	68.2	68.4	68.4	68.5	68.5	68.6	68.8
IV 6000 5000	43.2	66.3	67.7	68.5	69.4	69.5	70.0	70.2	70.2	70.5	70.7	70.7	70.8	70.8	70.9	71.0
IV 4500 4000	43.6	67.4	68.9	69.8	70.7	70.9	71.3	71.6	71.6	71.9	72.0	72.0	72.2	72.2	72.3	72.4
IV 3500 3000	44.3	68.9	70.5	71.5	72.5	72.6	73.1	73.4	73.4	73.7	73.9	73.9	74.0	74.0	74.1	74.3
IV 2500 2000	45.3	71.1	72.8	73.9	75.0	75.1	75.7	76.0	76.1	76.4	76.6	76.6	76.7	76.8	76.8	77.0
IV 1800 1500	46.1	73.3	75.2	76.5	77.8	78.0	78.7	79.1	79.2	79.6	79.8	79.8	79.9	79.9	80.0	80.2
IV 1200 1000	46.9	76.4	78.8	80.5	82.2	82.5	83.6	84.1	84.2	84.8	85.1	85.1	85.3	85.3	85.4	85.6
IV 900 800	47.2	77.8	80.6	82.7	84.7	85.2	86.6	87.3	87.5	88.3	88.7	88.8	89.1	89.1	89.2	89.3
IV 700 600	47.3	78.3	81.2	83.5	85.8	86.3	88.0	88.9	89.1	90.0	90.2	91.3	91.8	91.9	92.3	92.4
IV 500 400	47.3	78.8	82.1	84.8	87.7	88.5	91.0	92.2	92.5	93.9	94.6	94.7	95.3	95.4	95.5	95.7
IV 300 200	47.3	78.9	82.3	85.0	88.1	88.9	91.6	93.1	93.5	95.2	95.3	96.5	97.4	97.5	97.8	98.0
IV 100 0	47.4	79.0	82.3	85.0	88.1	89.0	91.7	93.2	93.6	95.4	96.7	96.9	98.1	98.2	98.8	99.3
IV 0	47.4	79.0	82.3	85.0	88.1	89.0	91.7	93.2	93.6	95.4	96.7	97.0	98.1	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 18661



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.4	46.1	46.9	47.5	48.0	48.1	48.3	48.4	48.5	48.6	48.7	48.7	48.9	48.9	49.0	49.1
IV 20000	37.2	53.1	54.1	54.8	55.4	55.5	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.4	56.5	56.6
IV 18000	37.5	53.6	54.5	55.3	55.9	55.9	56.2	56.4	56.4	56.6	56.7	56.7	56.9	56.9	56.9	57.1
IV 16000	37.8	53.9	54.8	55.6	56.2	56.2	56.5	56.7	56.7	56.9	57.0	57.0	57.2	57.2	57.2	57.4
IV 14000	38.4	54.7	55.7	56.5	57.1	57.2	57.5	57.6	57.7	57.8	57.9	57.9	58.1	58.1	58.2	58.3
IV 12000	39.6	56.3	57.0	58.1	58.8	58.8	59.2	59.3	59.4	59.6	59.7	59.7	59.8	59.8	59.9	60.0
IV 10000	41.0	58.8	59.9	60.7	61.3	61.4	61.7	61.9	61.9	62.1	62.2	62.2	62.4	62.4	62.5	62.6
IV 9000	41.4	59.4	60.5	61.3	62.0	62.0	62.4	62.5	62.6	62.8	62.9	62.9	63.1	63.1	63.1	63.3
IV 8000	42.6	61.2	62.4	63.3	64.0	64.0	64.4	64.5	64.6	64.8	64.9	64.9	65.1	65.1	65.2	65.3
IV 7000	43.7	62.9	64.2	65.1	65.8	65.9	66.2	66.4	66.4	66.6	66.8	66.8	66.9	66.9	67.0	67.1
IV 6000	44.2	64.0	65.3	66.3	67.0	67.1	67.4	67.6	67.7	67.9	68.0	68.0	68.2	68.2	68.3	68.4
IV 5000	45.0	65.5	66.8	68.0	68.7	68.8	69.2	69.4	69.4	69.7	69.8	69.8	69.9	70.0	70.0	70.2
IV 4500	45.5	66.9	67.8	68.9	69.7	69.8	70.2	70.4	70.4	70.6	70.7	70.8	70.9	70.9	71.0	71.1
IV 4000	46.0	67.3	68.9	70.1	70.9	71.0	71.4	71.6	71.7	71.9	72.0	72.0	72.2	72.2	72.3	72.4
IV 3500	46.5	68.3	69.9	71.2	72.1	72.2	72.6	72.8	72.8	73.1	73.2	73.2	73.3	73.4	73.4	73.6
IV 3000	47.2	69.8	71.5	72.8	73.8	73.9	74.3	74.6	74.6	74.9	75.0	75.0	75.2	75.2	75.3	75.4
IV 2500	48.3	71.7	73.5	75.0	76.1	76.2	76.7	76.9	77.0	77.2	77.4	77.4	77.6	77.6	77.7	77.8
IV 2000	49.5	74.3	76.3	78.0	79.3	79.4	79.9	80.2	80.3	80.6	80.8	80.8	81.0	81.0	81.1	81.2
IV 1800	49.9	75.3	77.2	79.2	80.5	80.6	81.1	81.4	81.5	81.8	82.0	82.0	82.2	82.2	82.3	82.4
IV 1500	50.6	77.3	79.7	81.7	83.2	83.4	83.9	84.3	84.4	84.8	85.0	85.0	85.2	85.2	85.3	85.4
IV 1200	51.1	79.2	81.9	84.2	85.9	86.1	86.9	87.3	87.4	87.9	88.1	88.2	88.4	88.4	88.5	88.6
IV 1000	51.3	80.3	83.2	85.8	87.9	88.2	89.1	89.6	89.7	90.4	90.6	90.7	91.0	91.0	91.1	91.2
IV 900	51.4	80.7	83.7	86.4	88.7	89.0	90.0	90.6	90.7	91.4	91.8	91.8	92.1	92.1	92.2	92.4
IV 800	51.4	81.0	84.2	87.0	89.5	90.0	91.1	91.8	91.9	92.8	93.2	93.3	93.6	93.6	93.7	93.9
IV 700	51.5	81.2	84.5	87.4	90.1	90.6	91.9	92.6	92.8	93.8	94.3	94.4	94.7	94.8	94.9	95.1
IV 600	51.5	81.4	84.7	87.7	90.6	91.2	92.8	93.6	93.9	95.0	95.6	95.7	96.0	96.1	96.2	96.4
IV 500	51.5	81.5	84.8	87.9	90.9	91.6	93.4	94.5	94.8	96.0	96.7	96.8	97.3	97.3	97.5	97.6
IV 400	51.5	81.5	84.9	88.0	91.1	91.8	93.7	94.8	95.2	96.6	97.4	97.6	98.0	98.1	98.2	98.4
IV 300	51.5	81.5	84.9	88.0	91.1	91.8	93.8	94.9	95.3	96.8	97.7	97.9	98.4	98.5	98.8	98.9
IV 200	51.5	81.6	84.9	88.1	91.2	91.9	93.8	95.0	95.4	96.9	97.9	98.1	98.7	98.8	99.1	99.3
IV 100	51.5	81.6	84.9	88.1	91.2	91.9	93.8	95.0	95.4	96.9	97.9	98.1	98.8	98.9	99.2	99.5
IV 0	51.5	81.6	84.9	88.1	91.2	91.9	93.8	95.0	95.4	96.9	97.9	98.1	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 16670

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45,47-53,62-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.4	45.3	46.1	46.5	47.0	47.1	47.3	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.7
IV 20000	37.1	53.8	54.8	55.3	55.9	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.6
IV 18000	37.2	54.0	54.9	55.4	56.0	56.1	56.4	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.8
IV 16000	37.3	54.1	55.1	55.6	56.2	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	57.0
IV 14000	38.0	55.0	55.9	56.4	57.0	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.8
IV 12000	38.8	55.2	57.3	57.8	58.5	58.6	58.8	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.3
IV 10000	39.9	58.3	59.3	59.9	60.6	60.7	61.0	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.5
IV 9000	40.3	59.0	60.0	60.6	61.3	61.4	61.7	61.8	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.2
IV 8000	41.3	60.9	62.1	62.7	63.5	63.6	63.8	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.3	64.4
IV 7000	42.4	62.6	63.8	64.5	65.3	65.4	65.7	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.1	66.2
IV 6000	43.1	64.0	65.3	66.0	66.8	66.9	67.2	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.8
IV 5000	43.9	65.8	67.2	68.0	68.9	69.0	69.3	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.8
IV 4500	44.3	66.5	68.0	68.8	69.7	69.8	70.1	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6
IV 4000	45.2	67.9	69.5	70.3	71.2	71.4	71.7	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.2	72.3
IV 3500	46.0	69.4	71.0	71.9	72.9	73.0	73.3	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	74.0
IV 3000	47.3	71.6	73.3	74.4	75.4	75.5	75.9	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.5
IV 2500	48.8	74.5	76.3	77.5	78.6	78.7	79.1	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.8
IV 2000	50.0	77.7	79.8	81.2	82.4	82.6	83.0	83.2	83.2	83.4	83.5	83.5	83.6	83.6	83.6	83.7
IV 1800	50.4	78.7	80.9	82.3	83.6	83.8	84.3	84.5	84.5	84.7	84.7	84.8	84.8	84.8	84.9	85.0
IV 1500	51.1	80.7	83.1	84.8	86.2	86.4	87.0	87.2	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.9
IV 1200	51.7	82.5	85.2	87.1	88.7	89.0	89.6	89.9	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.7
IV 1000	51.9	83.6	86.5	88.6	90.4	90.7	91.5	91.9	92.0	92.3	92.6	92.6	92.8	92.8	92.8	92.9
IV 900	52.0	84.0	87.0	89.2	91.1	91.5	92.2	92.7	92.8	93.1	93.4	93.5	93.7	93.7	93.7	93.8
IV 800	52.1	84.4	87.5	89.8	91.9	92.3	93.2	93.8	93.9	94.3	94.7	94.7	94.9	94.9	95.0	95.1
IV 700	52.1	84.7	87.8	90.3	92.6	93.0	94.1	94.6	94.7	95.3	95.3	95.7	95.7	96.0	96.0	96.1
IV 600	52.1	84.9	88.1	90.7	93.1	93.6	94.7	95.3	95.5	96.1	96.6	96.6	96.9	96.9	96.9	97.1
IV 500	52.1	85.1	88.3	91.0	93.4	93.9	95.2	96.0	96.2	97.0	97.5	97.6	97.9	98.0	98.1	98.2
IV 400	52.1	85.1	88.3	91.1	93.6	94.1	95.5	96.2	96.4	97.3	97.9	98.0	98.5	98.5	98.7	98.8
IV 300	52.1	85.1	88.4	91.1	93.7	94.2	95.6	96.4	96.7	97.6	98.2	98.3	98.8	98.9	99.0	99.2
IV 200	52.1	85.2	88.4	91.1	93.7	94.2	95.6	96.4	96.7	97.7	98.3	98.4	99.0	99.1	99.3	99.6
IV 100	52.1	85.2	88.4	91.1	93.7	94.2	95.7	96.5	96.7	97.7	98.4	98.5	99.2	99.3	99.5	99.8
IV 0	52.1	85.2	88.4	91.1	93.7	94.2	95.7	96.5	96.7	97.7	98.4	98.5	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 18323

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	33.4	46.7	47.2	47.6	47.9	47.9	48.0	48.1	48.1	48.2	48.2	48.3	48.3	48.4	48.4	48.5
IV 20000	39.7	55.3	55.9	56.4	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.4
IV 18000	40.0	55.6	56.2	56.6	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.5	57.6
IV 16000	40.2	55.9	56.5	56.9	57.2	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.9
IV 14000	40.9	56.8	57.4	57.9	58.2	58.2	58.3	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.9
IV 12000	42.2	58.4	59.1	59.5	59.8	59.9	60.0	60.1	60.1	60.2	60.2	60.3	60.3	60.4	60.4	60.6
IV 10000	43.7	60.7	61.4	61.9	62.2	62.3	62.4	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.8	63.0
IV 9000	44.1	61.5	62.3	62.8	63.1	63.2	63.3	63.4	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.9
IV 8000	45.2	63.5	64.3	64.9	65.2	65.2	65.4	65.5	65.5	65.6	65.6	65.7	65.7	65.8	65.8	66.0
IV 7000	46.3	65.2	66.0	66.6	67.0	67.0	67.2	67.2	67.2	67.3	67.4	67.4	67.5	67.5	67.6	67.7
IV 6000	47.2	66.9	67.8	68.4	68.8	68.9	69.0	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.6
IV 5000	48.6	69.6	70.6	71.3	71.8	71.8	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	72.6
IV 4500	49.3	70.7	71.8	72.6	73.0	73.0	73.2	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.7	73.8
IV 4000	50.5	72.9	74.1	74.9	75.4	75.4	75.6	75.7	75.7	75.8	75.9	75.9	76.0	76.0	76.1	76.2
IV 3500	51.7	75.0	76.2	77.1	77.5	77.6	77.8	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78.3	78.4
IV 3000	53.6	77.8	79.2	80.1	80.6	80.7	81.0	81.0	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.6
IV 2500	55.2	80.6	82.2	83.2	83.8	83.8	84.1	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.6	84.7
IV 2000	56.5	83.2	84.9	86.0	86.6	86.7	87.0	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.5	87.6
IV 1800	56.8	84.1	85.8	86.9	87.5	87.6	87.9	88.0	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.6
IV 1500	57.6	86.1	88.0	89.2	89.9	90.0	90.4	90.5	90.6	90.7	90.8	90.8	90.9	90.9	90.9	91.1
IV 1200	58.0	87.9	89.9	91.2	92.0	92.2	92.6	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.3
IV 1000	58.3	89.1	91.3	92.9	93.9	94.1	94.6	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.5
IV 900	58.4	89.6	91.8	93.5	94.6	94.8	95.4	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.3
IV 800	58.5	90.0	92.4	94.2	95.5	95.7	96.4	96.6	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.4
IV 700	58.5	90.1	92.7	94.6	95.9	96.2	97.0	97.2	97.3	97.5	97.6	97.6	97.8	97.8	97.8	98.0
IV 600	58.5	90.3	93.0	94.9	96.4	96.7	97.5	97.8	97.8	98.1	98.3	98.3	98.4	98.4	98.5	98.6
IV 500	58.5	90.5	93.2	95.2	96.8	97.1	98.1	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.3	99.4
IV 400	58.5	90.5	93.2	95.3	96.9	97.3	98.3	98.6	98.7	99.1	99.2	99.3	99.4	99.5	99.5	99.7
IV 300	58.5	90.5	93.2	95.3	96.9	97.3	98.3	98.7	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.8
IV 200	58.5	90.5	93.2	95.3	96.9	97.3	98.3	98.7	98.8	99.2	99.4	99.4	99.6	99.6	99.7	99.9
IV 100	58.5	90.5	93.2	95.3	96.9	97.3	98.3	98.7	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.9
IV 0	58.5	90.5	93.2	95.3	96.9	97.3	98.3	98.7	98.8	99.2	99.4	99.4	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 18634

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.9	48.6	49.3	49.6	50.0	50.1	50.3	50.4	50.4	50.6	50.7	50.7	50.8	50.9	51.0	51.3
IV 20000	42.9	53.1	58.8	59.2	59.7	59.7	60.0	60.1	60.1	60.3	60.4	60.4	60.6	60.6	60.8	61.1
IV 18000	43.1	58.2	59.0	59.3	59.8	59.9	60.1	60.2	60.3	60.4	60.5	60.6	60.8	60.8	61.0	61.3
IV 16000	43.2	58.4	59.1	59.5	60.0	60.1	60.3	60.4	60.4	60.6	60.7	60.7	60.9	61.0	61.1	61.4
IV 14000	43.7	59.0	59.9	60.2	60.7	60.8	61.1	61.2	61.2	61.4	61.5	61.5	61.7	61.7	61.9	62.2
IV 12000	44.8	60.6	61.4	61.8	62.3	62.4	62.6	62.7	62.7	62.9	63.0	63.1	63.3	63.3	63.4	63.8
IV 10000	46.3	63.1	64.0	64.4	64.9	65.0	65.3	65.3	65.4	65.5	65.7	65.7	65.9	65.9	66.1	66.4
IV 9000	47.2	64.2	65.1	65.6	66.1	66.2	66.4	66.5	66.6	66.7	66.9	66.9	67.1	67.1	67.3	67.6
IV 8000	48.7	66.8	67.8	68.3	68.8	68.9	69.2	69.3	69.3	69.5	69.6	69.6	69.8	69.9	70.0	70.3
IV 7000	50.1	68.9	69.9	70.4	71.0	71.1	71.4	71.5	71.5	71.7	71.8	71.8	72.0	72.1	72.2	72.5
IV 6000	51.1	70.9	72.0	72.5	73.1	73.2	73.5	73.6	73.6	73.8	73.9	74.0	74.2	74.2	74.4	74.7
IV 5000	52.7	73.6	74.7	75.3	75.9	76.0	76.3	76.4	76.4	76.6	76.7	76.8	77.0	77.0	77.2	77.5
IV 4500	53.3	74.8	76.0	76.6	77.2	77.3	77.7	77.8	77.8	78.0	78.1	78.1	78.3	78.4	78.5	78.9
IV 4000	54.9	77.5	78.7	79.4	80.1	80.2	80.5	80.6	80.6	80.8	80.9	81.0	81.2	81.2	81.4	81.7
IV 3500	55.9	79.2	80.5	81.3	81.9	82.0	82.4	82.5	82.5	82.7	82.8	82.9	83.1	83.1	83.3	83.6
IV 3000	57.2	81.5	83.0	83.8	84.5	84.6	85.0	85.1	85.1	85.4	85.5	85.5	85.7	85.7	85.9	86.2
IV 2500	58.5	83.9	85.5	86.4	87.1	87.2	87.6	87.7	87.7	88.0	88.1	88.1	88.3	88.4	88.5	88.8
IV 2000	59.6	86.3	88.0	89.0	89.8	89.9	90.3	90.4	90.5	90.7	90.8	90.8	91.0	91.1	91.2	91.5
IV 1800	59.8	86.9	88.6	89.6	90.4	90.5	90.9	91.1	91.1	91.3	91.4	91.5	91.7	91.7	91.9	92.2
IV 1500	60.3	88.2	90.1	91.2	92.0	92.1	92.5	92.7	92.7	92.9	93.0	93.1	93.3	93.3	93.5	93.8
IV 1200	60.7	89.3	91.3	92.5	93.4	93.5	94.0	94.1	94.1	94.4	94.5	94.5	94.7	94.8	94.9	95.2
IV 1000	60.9	90.2	92.4	93.7	94.7	94.9	95.3	95.5	95.5	95.7	95.9	95.9	96.1	96.1	96.3	96.6
IV 900	60.9	90.4	92.7	94.1	95.2	95.3	95.8	95.9	96.0	96.2	96.4	96.4	96.6	96.7	96.8	97.1
IV 800	61.0	90.7	93.2	94.8	96.0	96.1	96.6	96.8	96.9	97.2	97.3	97.4	97.6	97.6	97.8	98.1
IV 700	61.0	91.0	93.6	95.2	96.5	96.7	97.3	97.5	97.5	97.8	98.0	98.1	98.3	98.3	98.5	98.8
IV 600	61.0	91.2	93.8	95.6	97.0	97.2	97.7	98.0	98.1	98.4	98.5	98.6	98.8	98.9	99.0	99.3
IV 500	61.0	91.3	93.9	95.7	97.1	97.3	98.0	98.2	98.3	98.7	98.8	98.9	99.1	99.2	99.3	99.6
IV 400	61.0	91.3	93.9	95.7	97.1	97.4	98.0	98.3	98.3	98.7	98.9	99.0	99.2	99.3	99.4	99.7
IV 300	61.0	91.3	93.9	95.7	97.1	97.4	98.0	98.3	98.4	98.7	98.9	99.0	99.2	99.3	99.5	99.8
IV 200	61.0	91.3	93.9	95.7	97.1	97.4	98.0	98.3	98.4	98.7	98.9	99.0	99.3	99.3	99.5	99.9
IV 100	61.0	91.3	93.9	95.7	97.1	97.4	98.0	98.3	98.4	98.8	98.9	99.0	99.3	99.3	99.5	99.9
IV 0	61.0	91.3	93.9	95.7	97.1	97.4	98.0	98.3	98.4	98.8	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 19138

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

PORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.1	50.4	51.3	51.8	52.0	52.1	52.2	52.2	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.8
IV 20000	42.9	61.3	62.3	62.9	63.2	63.2	63.4	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.9	64.0
IV 18000	43.0	61.4	62.5	63.0	63.3	63.4	63.5	63.6	63.6	63.7	63.8	63.8	63.9	64.0	64.0	64.2
IV 16000	43.2	61.6	62.7	63.2	63.5	63.6	63.7	63.8	63.8	63.9	64.0	64.0	64.1	64.2	64.2	64.4
IV 14000	43.9	62.5	63.5	64.1	64.4	64.5	64.6	64.6	64.6	64.8	64.9	64.9	65.0	65.0	65.1	65.2
IV 12000	45.4	64.4	65.5	66.1	66.3	66.4	66.5	66.6	66.6	66.8	66.9	66.9	67.0	67.0	67.1	67.2
IV 10000	47.1	67.3	69.4	69.1	69.4	69.5	69.6	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.1	70.3
IV 9000	47.5	68.0	69.2	69.8	70.2	70.2	70.4	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.9	71.1
IV 8000	49.0	70.4	71.7	72.4	72.8	72.9	73.0	73.1	73.1	73.3	73.4	73.4	73.5	73.5	73.6	73.7
IV 7000	50.2	72.3	73.6	74.3	74.7	74.8	74.9	75.0	75.0	75.2	75.3	75.3	75.4	75.4	75.5	75.7
IV 6000	51.0	73.6	74.9	75.7	76.1	76.2	76.4	76.5	76.5	76.6	76.7	76.7	76.8	76.9	76.9	77.1
IV 5000	52.5	76.1	77.5	78.4	78.8	78.9	79.1	79.2	79.2	79.4	79.5	79.5	79.6	79.6	79.7	79.9
IV 4500	53.0	77.1	78.6	79.4	79.9	80.0	80.1	80.3	80.3	80.4	80.5	80.5	80.7	80.7	80.7	80.9
IV 4000	54.6	79.7	81.3	82.2	82.7	82.8	83.0	83.1	83.1	83.3	83.4	83.4	83.5	83.6	83.6	83.8
IV 3500	55.7	81.3	82.9	83.9	84.4	84.6	84.7	84.9	84.9	85.0	85.1	85.1	85.3	85.3	85.4	85.5
IV 3000	57.8	84.2	85.9	86.9	87.5	87.6	87.8	87.9	87.9	88.1	88.2	88.3	88.4	88.4	88.5	88.6
IV 2500	59.3	86.3	88.1	89.1	89.7	89.9	90.1	90.2	90.2	90.4	90.5	90.6	90.7	90.7	90.8	90.9
IV 2000	60.4	88.4	90.3	91.4	92.1	92.3	92.5	92.6	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.4
IV 1800	60.7	88.9	90.8	91.9	92.6	92.8	93.0	93.1	93.1	93.4	93.5	93.5	93.6	93.6	93.7	93.9
IV 1500	51.3	90.2	92.2	93.4	94.1	94.2	94.5	94.6	94.6	94.9	95.0	95.0	95.1	95.1	95.2	95.4
IV 1200	61.9	91.2	93.4	94.6	95.3	95.4	95.7	95.9	95.9	96.1	96.2	96.2	96.4	96.4	96.5	96.8
IV 1000	62.1	91.9	94.2	95.5	96.3	96.5	96.8	97.0	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.8
IV 900	62.2	92.1	94.4	95.7	96.5	96.7	97.0	97.2	97.2	97.5	97.6	97.6	97.7	97.8	97.8	98.0
IV 800	62.2	92.4	94.7	96.1	96.9	97.2	97.5	97.8	97.8	98.0	98.2	98.2	98.3	98.4	98.4	98.6
IV 700	62.3	92.5	94.9	96.3	97.2	97.5	97.9	98.1	98.1	98.4	98.5	98.6	98.7	98.7	98.8	99.0
IV 600	62.3	92.6	95.0	96.5	97.5	97.7	98.2	98.4	98.4	98.7	98.8	98.9	99.0	99.0	99.1	99.3
IV 500	62.3	92.7	95.2	96.7	97.6	97.9	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.5
IV 400	62.3	92.7	95.2	96.7	97.7	97.9	98.4	98.7	98.7	99.0	99.2	99.2	99.3	99.4	99.4	99.6
IV 300	62.3	92.7	95.2	96.7	97.7	97.9	98.4	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.7
IV 200	62.3	92.7	95.2	96.7	97.7	97.9	98.4	98.7	98.7	99.1	99.2	99.3	99.4	99.5	99.6	99.8
IV 100	62.3	92.7	95.2	96.7	97.7	97.9	98.4	98.7	98.7	99.1	99.2	99.3	99.4	99.5	99.6	99.8
IV 0	62.3	92.7	95.2	96.7	97.7	97.9	98.4	98.7	98.7	99.1	99.3	99.3	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 18557

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	42.3	60.2	61.0	61.7	62.2	62.2	62.4	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.9	63.1
IV 20000	49.7	70.6	71.6	72.3	72.8	72.9	73.1	73.2	73.2	73.3	73.4	73.4	73.5	73.5	73.6	73.8
IV 18000	49.8	70.7	71.7	72.4	73.0	73.0	73.2	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.7	73.9
IV 16000	50.1	71.0	72.0	72.8	73.3	73.3	73.6	73.6	73.6	73.7	73.8	73.8	73.9	73.9	74.1	74.3
IV 14000	50.8	71.9	72.9	73.7	74.2	74.2	74.5	74.5	74.5	74.6	74.7	74.7	74.8	74.9	75.0	75.2
IV 12000	52.7	74.2	75.2	76.0	76.5	76.6	76.8	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.3	77.5
IV 10000	54.6	78.1	79.2	80.0	80.5	80.6	80.8	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.3	81.5
IV 9000	55.2	79.1	80.2	81.0	81.6	81.6	81.9	81.9	81.9	82.0	82.1	82.1	82.3	82.3	82.4	82.6
IV 8000	56.6	81.7	82.9	83.8	84.4	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.1	85.1	85.3	85.5
IV 7000	57.4	83.1	84.4	85.4	86.0	86.1	86.3	86.4	86.4	86.5	86.6	86.6	86.7	86.8	86.9	87.1
IV 6000	58.1	84.4	85.7	86.7	87.3	87.4	87.7	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.4
IV 5000	59.3	86.4	87.8	88.8	89.5	89.6	89.9	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.6
IV 4500	59.6	87.0	88.4	89.4	90.2	90.3	90.5	90.6	90.6	90.7	90.8	90.8	90.9	91.0	91.1	91.3
IV 4000	60.8	89.0	90.5	91.5	92.3	92.4	92.7	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.4
IV 3500	61.3	89.8	91.3	92.4	93.2	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.1	94.4
IV 3000	62.4	91.3	92.9	94.0	94.7	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.8	96.0
IV 2500	62.9	92.2	93.7	94.8	95.6	95.8	96.1	96.2	96.2	96.3	96.4	96.4	96.6	96.6	96.7	96.9
IV 2000	63.3	92.8	94.4	95.6	96.4	96.5	96.8	96.9	96.9	97.0	97.2	97.2	97.3	97.3	97.4	97.6
IV 1800	63.4	93.0	94.6	95.7	96.5	96.7	97.0	97.1	97.1	97.2	97.3	97.3	97.5	97.5	97.6	97.8
IV 1500	63.5	93.3	94.9	96.1	96.9	97.1	97.4	97.5	97.5	97.6	97.7	97.7	97.9	97.9	98.0	98.2
IV 1200	63.7	93.6	95.2	96.4	97.4	97.5	97.9	98.0	98.0	98.1	98.2	98.2	98.4	98.4	98.5	98.7
IV 1000	63.7	93.9	95.5	96.8	97.8	98.0	98.3	98.4	98.4	98.4	98.6	98.7	98.8	98.8	99.0	99.2
IV 900	63.7	93.9	95.6	96.9	97.9	98.0	98.4	98.5	98.5	98.6	98.8	98.8	98.9	98.9	99.0	99.3
IV 800	63.7	94.0	95.7	97.0	98.0	98.2	98.6	98.7	98.7	98.8	99.0	99.0	99.1	99.1	99.2	99.4
IV 700	63.7	94.0	95.7	97.0	98.1	98.3	98.7	98.8	98.8	98.9	99.0	99.0	99.2	99.2	99.3	99.5
IV 600	63.7	94.0	95.8	97.1	98.1	98.3	98.7	98.8	98.8	98.9	99.0	99.1	99.1	99.3	99.3	99.6
IV 500	63.7	94.0	95.8	97.1	98.2	98.4	98.8	98.9	99.0	99.1	99.2	99.2	99.4	99.4	99.5	99.7
IV 400	63.7	94.1	95.8	97.1	98.3	98.4	98.9	99.0	99.0	99.1	99.3	99.3	99.4	99.5	99.6	99.8
IV 300	63.7	94.1	95.8	97.2	98.3	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.6	99.8
IV 200	63.7	94.1	95.8	97.2	98.3	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.6	99.8
IV 100	63.7	94.1	95.8	97.2	98.3	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.6	99.9
IV 0	63.7	94.1	95.8	97.2	98.3	98.5	98.9	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 19462

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.9	58.0	59.4	60.3	60.9	61.1	61.5	61.7	61.7	62.0	62.1	62.1	62.3	62.3	62.5	62.8
IV 20000	45.2	66.9	68.5	69.6	70.3	70.5	70.9	71.1	71.1	71.4	71.6	71.6	71.8	71.8	72.0	72.3
IV 18000	45.3	67.1	68.6	69.7	70.4	70.6	71.0	71.2	71.2	71.5	71.7	71.7	71.9	71.9	72.1	72.4
IV 16000	45.3	67.2	68.7	69.8	70.5	70.7	71.1	71.3	71.4	71.6	71.8	71.8	72.0	72.0	72.2	72.5
IV 14000	45.8	67.8	69.4	70.5	71.2	71.4	71.8	72.0	72.0	72.3	72.4	72.5	72.7	72.7	72.9	73.2
IV 12000	47.3	70.1	71.8	73.0	73.7	73.9	74.3	74.5	74.6	74.8	75.0	75.0	75.2	75.2	75.4	75.7
IV 10000	49.0	73.5	75.3	76.5	77.3	77.5	77.9	78.2	78.2	78.5	78.6	78.6	78.8	78.8	79.0	79.4
IV 9000	49.6	74.4	76.2	77.5	78.3	78.5	78.9	79.2	79.2	79.5	79.6	79.6	79.8	79.8	80.0	80.4
IV 8000	51.0	76.8	78.8	80.1	81.1	81.3	81.7	81.9	82.0	82.2	82.4	82.4	82.6	82.6	82.8	83.1
IV 7000	51.8	78.4	80.4	81.8	82.8	83.0	83.4	83.7	83.7	84.0	84.1	84.1	84.4	84.4	84.6	84.9
IV 6000	52.6	79.8	81.9	83.3	84.3	84.6	85.0	85.2	85.3	85.6	85.7	85.7	85.9	85.9	86.1	86.5
IV 5000	53.8	81.8	84.0	85.4	86.5	86.8	87.2	87.4	87.5	87.8	87.9	87.9	88.1	88.1	88.3	88.7
IV 4500	54.1	82.3	84.5	86.0	87.1	87.3	87.8	88.0	88.1	88.3	88.5	88.5	88.7	88.7	88.9	89.2
IV 4000	55.0	83.8	86.1	87.7	88.8	89.1	89.5	89.7	89.8	90.1	90.2	90.2	90.4	90.5	90.7	91.0
IV 3500	55.5	84.6	87.0	88.5	89.7	90.0	90.4	90.6	90.7	91.0	91.1	91.1	91.4	91.4	91.6	91.9
IV 3000	56.3	86.0	88.4	89.9	91.1	91.4	91.8	92.1	92.1	92.4	92.6	92.6	92.8	92.8	93.0	93.4
IV 2500	56.8	87.0	89.5	91.1	92.3	92.6	93.1	93.3	93.3	93.7	93.8	93.8	94.0	94.1	94.3	94.6
IV 2000	57.3	88.1	90.6	92.3	93.5	93.8	94.3	94.5	94.5	94.8	94.9	95.0	95.3	95.3	95.5	95.8
IV 1800	57.4	88.3	90.8	92.5	93.8	94.1	94.5	94.8	94.8	95.1	95.3	95.3	95.5	95.5	95.8	96.1
IV 1500	57.6	89.0	91.6	93.3	94.5	94.8	95.3	95.6	95.6	95.9	96.1	96.1	96.3	96.3	96.5	96.9
IV 1200	57.8	89.4	92.1	93.8	95.1	95.4	95.9	96.2	96.2	96.5	96.7	96.7	96.9	96.9	97.1	97.5
IV 1000	58.0	89.9	92.6	94.3	95.7	96.0	96.6	96.9	96.9	97.2	97.4	97.4	97.7	97.7	97.9	98.2
IV 900	58.0	90.0	92.7	94.5	95.9	96.2	96.7	97.0	97.1	97.4	97.6	97.6	97.9	97.9	98.1	98.4
IV 800	58.1	90.2	92.9	94.8	96.2	96.6	97.1	97.4	97.5	97.8	98.0	98.0	98.2	98.3	98.4	98.8
IV 700	58.1	90.3	93.1	94.9	96.4	96.8	97.4	97.7	97.7	98.1	98.3	98.3	98.6	98.6	98.8	99.1
IV 600	58.1	90.3	93.2	95.1	96.6	97.0	97.6	98.0	98.0	98.4	98.6	98.6	98.8	98.8	99.0	99.4
IV 500	58.1	90.4	93.3	95.1	96.7	97.2	97.8	98.2	98.2	98.6	98.8	98.8	99.1	99.1	99.3	99.6
IV 400	58.1	90.4	93.3	95.2	96.8	97.2	97.8	98.2	98.3	98.7	98.9	98.9	99.1	99.1	99.3	99.7
IV 300	58.1	90.4	93.3	95.2	96.8	97.2	97.9	98.2	98.3	98.7	98.9	98.9	99.2	99.2	99.4	99.7
IV 200	58.1	90.4	93.3	95.2	96.8	97.2	97.9	98.3	98.3	98.7	98.9	98.9	99.2	99.2	99.4	99.8
IV 100	58.1	90.4	93.3	95.2	96.8	97.2	97.9	98.3	98.3	98.7	98.9	98.9	99.2	99.2	99.4	99.8
IV 0	58.1	90.4	93.3	95.2	96.8	97.2	97.9	98.3	98.3	98.7	98.9	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 19112



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0	
NO CEILING	38.1	56.6	57.9	58.8	59.7	59.8	60.2	60.3	60.2	60.7	60.9	60.9	61.3	61.3	61.5	62.0
IV 20000	42.5	63.4	65.0	66.0	66.9	67.0	67.4	67.6	67.6	67.9	68.1	68.2	68.6	68.6	68.8	69.3
IV 18000	42.7	63.6	65.2	66.2	67.1	67.2	67.7	67.8	67.8	68.0	68.3	68.5	68.6	69.0	69.0	69.5
IV 16000	42.9	63.8	65.4	66.4	67.3	67.4	67.8	68.0	68.0	68.3	68.5	68.6	69.0	69.0	69.2	69.7
IV 14000	43.5	64.7	66.3	67.3	68.2	68.3	68.8	68.9	68.9	69.2	69.5	69.5	69.9	69.9	70.1	70.6
IV 12000	44.9	66.7	68.3	69.3	70.3	70.4	70.8	71.0	71.0	71.3	71.5	71.6	72.0	72.0	72.2	72.7
IV 10000	45.9	68.9	70.5	71.6	72.5	72.6	73.1	73.2	73.3	73.6	73.8	73.8	74.2	74.2	74.5	75.0
IV 9000	46.2	69.4	71.1	72.2	73.1	73.3	73.7	73.9	73.9	74.2	74.4	74.5	74.9	74.9	75.1	75.6
IV 8000	47.1	71.4	73.2	74.3	75.3	75.5	76.0	76.1	76.1	76.5	76.7	76.7	77.1	77.1	77.4	77.9
IV 7000	48.0	73.0	74.9	76.1	77.2	77.3	77.8	78.0	78.0	78.3	78.5	78.6	79.0	79.0	79.2	79.7
IV 6000	48.5	74.2	76.1	77.3	78.4	78.6	79.1	79.2	79.3	79.6	79.8	79.9	80.2	80.3	80.5	81.0
IV 5000	49.2	75.7	77.7	78.9	80.1	80.2	80.8	80.9	80.9	81.3	81.5	81.5	81.9	82.0	82.2	82.7
IV 4500	49.5	76.3	78.3	79.6	80.8	80.9	81.5	81.6	81.6	82.0	82.2	82.2	82.6	82.7	82.9	83.4
IV 4000	50.1	77.8	79.8	81.2	82.4	82.6	83.1	83.3	83.3	83.6	83.9	83.9	84.3	84.3	84.6	85.1
IV 3500	50.5	78.6	80.7	82.0	83.3	83.4	84.0	84.1	84.2	84.5	84.7	84.8	85.2	85.2	85.4	85.9
IV 3000	51.4	80.3	82.4	83.9	85.1	85.3	85.9	86.0	86.1	86.4	86.6	86.7	87.1	87.1	87.3	87.8
IV 2500	52.2	82.0	84.2	85.7	87.0	87.2	87.8	87.8	87.7	87.9	88.3	88.6	89.0	89.0	89.2	89.7
IV 2000	52.8	83.4	85.7	87.2	88.6	88.8	89.3	89.5	89.6	89.9	90.2	90.2	90.6	90.6	90.9	91.4
IV 1800	52.9	83.8	86.1	87.6	89.0	89.2	89.8	90.0	90.0	90.4	90.6	90.6	91.0	91.1	91.3	91.8
IV 1500	53.3	84.7	87.2	88.8	90.3	90.5	91.1	91.3	91.3	91.7	91.9	92.0	92.4	92.4	92.6	93.1
IV 1200	53.6	86.0	88.4	90.1	91.6	91.9	92.6	92.8	92.8	93.2	93.4	93.5	93.9	93.9	94.1	94.6
IV 1000	53.9	86.9	89.5	91.3	92.9	93.2	93.9	94.1	94.2	94.6	94.8	94.9	95.3	95.3	95.5	96.0
IV 900	53.9	87.2	89.7	91.6	93.2	93.5	94.3	94.5	94.5	95.0	95.2	95.3	95.7	95.7	95.9	96.4
IV 800	54.0	87.6	90.3	92.2	94.0	94.3	95.2	95.4	95.4	95.9	96.2	96.2	96.6	96.6	96.9	97.4
IV 700	54.1	87.9	90.6	92.5	94.4	94.7	95.6	95.9	95.9	96.4	96.6	96.7	97.1	97.1	97.4	97.9
IV 600	54.1	88.1	90.9	92.9	94.8	95.2	96.2	96.4	96.5	97.0	97.2	97.3	97.7	97.7	97.9	98.5
IV 500	54.1	88.2	91.1	93.1	95.1	95.6	96.6	96.9	96.9	97.5	97.7	97.8	98.2	98.2	98.5	99.0
IV 400	54.1	88.3	91.1	93.3	95.3	95.8	96.8	97.7	97.2	97.8	98.0	98.1	98.5	98.6	98.8	99.3
IV 300	54.1	88.3	91.1	93.3	95.4	95.8	96.9	97.3	97.3	97.9	98.2	98.3	98.7	98.8	99.0	99.5
IV 200	54.1	88.3	91.1	93.3	95.4	95.9	96.9	97.3	97.4	98.0	98.3	98.4	98.8	98.9	99.1	99.7
IV 100	54.1	88.3	91.1	93.3	95.4	95.9	96.9	97.3	97.4	98.0	98.3	98.4	98.9	98.9	99.2	99.8
IV 0	54.1	88.3	91.1	93.3	95.4	95.9	96.9	97.3	97.4	98.0	98.3	98.4	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 18653



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
PERIODS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.4	60.1	61.2	61.9	62.6	62.7	63.0	63.1	63.1	63.4	63.5	63.5	63.9	63.9	64.1	64.6
IV 20000	47.0	67.0	68.2	69.0	69.7	69.8	70.1	70.2	70.2	70.6	70.7	70.8	71.1	71.1	71.4	71.9
IV 18000	47.1	67.1	68.3	69.1	69.8	69.9	70.2	70.3	70.4	70.7	70.8	70.9	71.2	71.2	71.5	72.0
IV 16000	47.2	67.2	68.4	69.2	69.9	70.0	70.3	70.4	70.4	70.8	70.9	70.9	71.3	71.3	71.5	72.1
IV 14000	47.7	67.9	69.1	69.9	70.6	70.7	71.0	71.1	71.1	71.5	71.6	71.7	72.0	72.0	72.3	72.8
IV 12000	48.8	69.3	70.6	71.4	72.1	72.2	72.5	72.6	72.6	73.0	73.1	73.1	73.5	73.5	73.7	74.3
IV 10000	50.0	71.5	72.8	73.6	74.3	74.4	74.8	74.9	74.9	75.2	75.3	75.4	75.7	75.8	76.2	76.6
IV 9000	50.3	72.0	73.2	74.1	74.8	74.9	75.2	75.3	75.4	75.7	75.8	75.9	76.2	76.2	76.5	77.0
IV 8000	51.3	74.1	75.4	76.2	77.0	77.1	77.4	77.5	77.6	77.9	78.0	78.1	78.4	78.4	78.7	79.2
IV 7000	52.0	75.5	76.8	77.8	78.6	78.7	79.0	79.1	79.2	79.5	79.7	79.7	80.0	80.1	80.3	80.8
IV 6000	52.7	77.0	78.4	79.4	80.2	80.3	80.7	80.8	80.8	81.2	81.3	81.4	81.7	81.7	82.0	82.5
IV 5000	53.4	78.5	80.0	81.1	81.9	82.0	82.4	82.5	82.6	82.9	83.1	83.1	83.4	83.5	83.7	84.2
IV 4500	53.8	79.0	80.6	81.7	82.5	82.6	83.0	83.2	83.2	83.6	83.7	83.8	84.1	84.1	84.4	84.9
IV 4000	54.2	80.1	81.7	82.9	83.8	83.9	84.3	84.4	84.4	84.8	85.0	85.0	85.3	85.4	85.6	86.1
IV 3500	54.5	80.8	82.5	83.6	84.6	84.7	85.1	85.2	85.2	85.6	85.8	85.8	86.2	86.2	86.4	86.9
IV 3000	55.1	81.9	83.7	84.9	85.8	85.9	86.3	86.5	86.5	86.9	87.0	87.1	87.4	87.4	87.7	88.2
IV 2500	55.7	83.3	85.2	86.4	87.4	87.5	87.9	88.1	88.1	88.5	88.6	88.7	89.0	89.0	89.3	89.8
IV 2000	56.2	84.8	86.8	88.0	89.1	89.2	89.6	89.8	89.8	90.2	90.4	90.4	90.8	90.8	91.0	91.6
IV 1800	56.5	85.3	87.3	88.6	89.6	89.7	90.2	90.3	90.3	90.8	90.9	91.0	91.3	91.3	91.6	92.1
IV 1500	56.9	86.5	88.7	90.0	91.1	91.3	91.7	91.9	91.9	92.4	92.5	92.5	92.9	92.9	93.1	93.7
IV 1200	57.2	87.5	89.8	91.2	92.4	92.5	93.0	93.2	93.2	93.7	93.8	93.8	94.2	94.2	94.5	95.0
IV 1000	57.3	88.0	90.4	92.0	93.2	93.4	93.9	94.1	94.1	94.6	94.8	94.8	95.1	95.2	95.4	95.9
IV 900	57.3	88.3	90.8	92.5	93.8	94.0	94.5	94.7	94.8	95.2	95.4	95.4	95.8	95.8	96.0	96.6
IV 800	57.3	88.6	91.2	93.0	94.4	94.6	95.3	95.5	95.5	96.1	96.2	96.3	96.6	96.6	96.9	97.4
IV 700	57.3	88.7	91.4	93.3	94.8	95.1	95.8	96.1	96.1	96.7	96.8	96.9	97.3	97.3	97.5	98.1
IV 600	57.3	88.9	91.6	93.6	95.2	95.5	96.4	96.7	96.7	97.3	97.5	97.5	97.9	97.9	98.2	98.7
IV 500	57.3	89.1	91.7	93.8	95.5	95.8	96.8	97.1	97.1	97.7	97.9	98.0	98.4	98.4	98.6	99.2
IV 400	57.3	89.0	91.8	93.9	95.6	96.0	97.0	97.2	97.3	98.0	98.2	98.2	98.6	98.7	98.9	99.5
IV 300	57.3	89.0	91.8	93.9	95.6	96.0	97.0	97.3	97.4	98.1	98.3	98.3	98.7	98.7	99.0	99.6
IV 200	57.3	89.0	91.8	93.9	95.6	96.0	97.0	97.3	97.4	98.1	98.3	98.4	98.8	98.8	99.1	99.6
IV 100	57.3	89.0	91.8	93.9	95.6	96.0	97.0	97.3	97.4	98.1	98.3	98.4	98.8	98.8	99.1	99.6
IV 0	57.3	89.0	91.8	93.9	95.6	96.0	97.0	97.3	97.4	98.1	98.3	98.4	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 18946

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	35.9	50.7	51.6	52.2	52.6	52.7	53.0	53.1	53.1	53.3	53.4	53.5	53.6	53.6	53.8	54.0
IV 20000	41.1	58.4	59.3	60.0	60.5	60.7	61.0	61.1	61.1	61.4	61.5	61.5	61.7	61.7	61.9	62.2
IV 18000	41.3	58.6	59.5	60.2	60.8	60.9	61.2	61.3	61.3	61.6	61.7	61.7	61.9	61.9	62.1	62.4
IV 16000	41.5	58.8	59.7	60.4	61.0	61.1	61.4	61.5	61.6	61.8	62.0	62.0	62.1	62.1	62.3	62.6
IV 14000	42.0	59.5	60.4	61.1	61.7	61.8	62.1	62.2	62.3	62.5	62.7	62.7	62.8	62.8	63.0	63.3
IV 12000	43.3	61.3	62.3	63.0	63.5	63.7	64.0	64.1	64.1	64.4	64.5	64.6	64.7	64.7	64.9	65.2
IV 10000	44.4	63.3	64.4	65.1	65.6	65.8	66.1	66.2	66.2	66.5	66.7	66.7	66.8	66.9	67.0	67.3
IV 9000	44.9	64.0	65.0	65.8	66.3	66.5	66.8	66.9	66.9	67.2	67.4	67.4	67.5	67.5	67.7	68.0
IV 8000	45.9	65.8	66.9	67.6	68.2	68.4	68.7	68.8	68.9	69.1	69.3	69.3	69.5	69.5	69.6	70.0
IV 7000	46.8	67.1	68.2	69.1	69.7	69.8	70.2	70.3	70.3	70.6	70.8	70.8	70.9	71.0	71.1	71.4
IV 6000	47.4	68.4	69.6	70.4	71.1	71.3	71.6	71.7	71.7	72.0	72.2	72.2	72.4	72.4	72.5	72.9
IV 5000	48.1	69.9	71.1	72.0	72.6	72.8	73.1	73.3	73.3	73.6	73.8	73.8	74.0	74.0	74.2	74.5
IV 4500	48.4	70.5	71.7	72.7	73.3	73.5	73.9	74.0	74.1	74.4	74.5	74.7	74.7	74.7	74.9	75.2
IV 4000	49.1	71.6	72.9	73.8	74.5	74.7	75.1	75.3	75.3	75.6	75.8	75.8	76.0	76.0	76.2	76.5
IV 3500	49.8	72.8	74.1	75.1	75.8	76.0	76.4	76.6	76.6	76.9	77.1	77.1	77.3	77.3	77.5	77.8
IV 3000	50.8	74.8	76.2	77.2	78.0	78.2	78.6	78.8	78.9	79.2	79.4	79.4	79.5	79.6	79.7	80.0
IV 2500	51.7	77.0	78.5	79.6	80.5	80.7	81.1	81.3	81.4	81.7	81.9	81.9	82.0	82.1	82.2	82.5
IV 2000	53.0	79.7	81.4	82.7	83.6	83.9	84.3	84.5	84.6	84.9	85.1	85.1	85.2	85.3	85.5	85.8
IV 1800	53.3	80.5	82.2	83.5	84.5	84.8	85.3	85.5	85.5	85.9	86.0	86.0	86.2	86.2	86.4	86.7
IV 1500	54.1	82.7	84.5	86.0	87.1	87.3	87.9	88.1	88.1	88.5	88.7	88.7	88.9	88.9	89.1	89.4
IV 1200	54.6	84.5	86.5	88.1	89.4	89.6	90.2	90.4	90.5	90.9	91.1	91.1	91.3	91.3	91.4	91.8
IV 1000	54.9	86.0	88.2	90.0	91.3	91.6	92.3	92.6	92.6	93.1	93.2	93.3	93.4	93.5	93.7	94.0
IV 900	55.0	86.4	88.7	90.6	92.1	92.4	93.1	93.4	93.5	93.9	94.1	94.1	94.3	94.3	94.5	94.8
IV 800	55.0	86.8	89.3	91.4	93.0	93.3	94.1	94.5	94.6	95.0	95.3	95.3	95.5	95.5	95.7	96.0
IV 700	55.1	87.1	89.7	92.0	93.8	94.1	95.0	95.4	95.5	96.0	96.3	96.3	96.5	96.5	96.7	97.0
IV 600	55.1	87.3	90.0	92.4	94.3	94.7	95.7	96.2	96.3	96.9	97.1	97.2	97.4	97.5	97.6	98.0
IV 500	55.1	87.4	90.1	92.6	94.6	95.1	96.2	96.8	96.9	97.6	97.9	97.9	98.2	98.3	98.5	98.8
IV 400	55.1	87.4	90.2	92.7	94.7	95.2	96.4	97.0	97.3	98.1	98.4	98.4	98.8	98.8	99.0	99.4
IV 300	55.1	87.4	90.2	92.7	94.7	95.3	96.5	97.1	97.3	98.2	98.6	98.6	98.9	99.0	99.2	99.5
IV 200	55.1	87.4	90.2	92.7	94.8	95.3	96.5	97.1	97.4	98.3	98.6	98.7	99.0	99.1	99.3	99.6
IV 100	55.1	87.4	90.2	92.7	94.8	95.3	96.5	97.1	97.4	98.3	98.7	98.7	99.1	99.1	99.3	99.7
IV 0	55.1	87.4	90.2	92.7	94.8	95.3	96.5	97.1	97.4	98.3	98.7	98.7	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 18206

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0	≥ 0
NO CEILING	30.1	44.7	45.6	46.3	46.8	46.8	47.1	47.2	47.3	47.4	47.5	47.5	47.6	47.6	47.7	47.9
W 20000	35.1	51.9	52.9	53.8	54.3	54.4	54.7	54.8	54.9	55.0	55.2	55.2	55.3	55.3	55.3	55.5
W 18000	35.2	52.1	53.1	53.9	54.5	54.6	54.9	55.0	55.0	55.2	55.3	55.3	55.4	55.5	55.5	55.7
W 16000	35.4	52.3	53.3	54.2	54.8	54.9	55.1	55.3	55.3	55.5	55.6	55.6	55.7	55.7	55.8	56.0
W 14000	35.9	52.9	53.9	54.8	55.4	55.5	55.8	55.9	55.9	56.1	56.2	56.2	56.4	56.4	56.4	56.6
W 12000	37.0	54.6	55.7	56.6	57.2	57.3	57.6	57.8	57.8	58.0	58.1	58.1	58.2	58.2	58.3	58.5
W 10000	38.3	56.9	58.0	59.0	59.6	59.7	60.1	60.2	60.3	60.4	60.6	60.6	60.7	60.7	60.7	60.9
W 9000	38.7	57.6	58.8	59.8	60.4	60.5	60.8	61.0	61.0	61.2	61.3	61.3	61.4	61.4	61.9	61.9
W 8000	39.8	59.4	60.7	61.7	62.4	62.5	62.8	63.0	63.0	63.2	63.3	63.3	63.4	63.5	63.5	63.7
W 7000	40.5	60.7	61.9	63.0	63.7	63.8	64.1	64.3	64.3	64.5	64.7	64.7	64.8	64.8	64.9	65.0
W 6000	41.0	61.6	62.9	64.0	64.7	64.9	65.2	65.4	65.4	65.6	65.7	65.7	65.9	65.9	65.9	66.1
W 5000	41.6	62.7	64.0	65.2	65.9	66.0	66.4	66.6	66.6	66.8	67.0	67.0	67.1	67.1	67.2	67.4
W 4500	41.9	63.4	64.8	66.0	66.7	66.8	67.2	67.4	67.4	67.6	67.7	67.8	67.9	67.9	67.9	68.1
W 4000	42.2	64.0	65.5	66.7	67.4	67.5	67.9	68.1	68.1	68.3	68.5	68.5	68.6	68.6	68.6	68.8
W 3500	42.7	64.9	66.3	67.6	68.3	68.5	68.9	69.1	69.1	69.4	69.5	69.5	69.6	69.6	69.7	69.9
W 3000	43.3	66.1	67.7	69.0	69.8	69.9	70.4	70.6	70.6	70.8	70.9	70.9	71.1	71.1	71.1	71.3
W 2500	44.2	67.8	69.6	71.0	71.9	72.1	72.5	72.7	72.8	73.0	73.1	73.1	73.3	73.3	73.3	73.5
W 2000	45.7	70.9	72.8	74.5	75.5	75.7	76.2	76.4	76.5	76.7	76.9	76.9	77.0	77.0	77.1	77.3
W 1800	46.3	72.1	74.2	75.9	76.9	77.1	77.6	77.9	77.9	78.2	78.4	78.4	78.5	78.5	78.5	78.7
W 1600	47.3	74.6	76.7	78.8	79.9	80.2	80.8	81.1	81.1	81.4	81.6	81.6	81.8	81.8	81.8	82.0
W 1400	48.1	76.9	79.4	81.6	82.9	83.3	83.9	84.3	84.3	84.7	85.0	85.0	85.1	85.1	85.2	85.4
W 1200	48.4	78.4	81.2	83.6	85.2	85.6	86.3	86.8	86.9	87.4	87.6	87.7	87.8	87.8	87.9	88.1
W 1000	48.6	78.9	81.9	84.4	86.1	86.6	87.4	87.8	87.9	88.5	88.8	88.8	89.0	89.0	89.1	89.3
W 900	48.7	79.5	82.6	85.3	87.3	87.8	88.7	89.2	89.4	90.1	90.4	90.5	90.7	90.8	90.9	91.1
W 800	48.7	79.8	83.2	86.2	88.4	88.9	90.0	90.7	90.8	91.7	92.1	92.1	92.4	92.4	92.5	92.8
W 700	48.7	80.1	83.5	86.7	89.1	89.8	91.1	91.9	92.1	93.1	93.5	93.6	94.0	94.0	94.1	94.4
W 600	48.8	80.2	83.8	87.1	89.8	90.7	92.2	93.3	93.6	94.8	95.4	95.5	95.9	96.0	96.2	96.4
W 500	48.8	80.3	83.9	87.4	90.2	91.1	92.8	94.0	94.3	93.6	96.4	96.5	97.2	97.3	97.5	97.7
W 400	48.8	80.3	83.9	87.4	90.3	91.2	93.0	94.2	94.6	96.1	97.0	97.1	97.9	98.0	98.2	98.5
W 300	48.8	80.3	83.9	87.4	90.3	91.3	93.0	94.3	94.7	96.3	97.2	97.3	98.3	98.4	98.7	99.1
W 200	48.8	80.3	83.9	87.4	90.3	91.3	93.0	94.3	94.7	96.3	97.2	97.4	98.5	98.6	99.0	99.4
W 100	48.8	80.3	83.9	87.4	90.3	91.3	93.0	94.3	94.7	96.3	97.2	97.4	98.5	98.6	99.0	99.4
W 0	48.8	80.3	83.9	87.4	90.3	91.3	93.0	94.3	94.7	96.3	97.2	97.4	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 18912

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS:ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	33.3	50.9	51.7	52.5	53.3	53.3	53.9	54.2	54.2	54.4	54.6	54.6	54.8	54.8	55.1	55.4
IV 20000	37.3	57.2	58.0	58.9	59.8	59.8	60.6	60.7	60.9	61.1	61.3	61.3	61.5	61.6	61.8	62.1
IV 18000	37.4	57.5	58.4	59.3	60.1	60.1	60.9	61.2	61.3	61.4	61.7	61.7	61.9	62.0	62.2	62.5
IV 16000	37.5	57.8	58.7	59.6	60.4	60.4	61.2	61.5	61.5	61.7	61.9	61.9	62.2	62.2	62.5	62.8
IV 14000	38.0	58.5	59.4	60.3	61.2	61.2	62.0	62.3	62.3	62.5	62.7	62.7	63.0	63.0	63.3	63.6
IV 12000	38.3	59.6	60.5	61.4	62.4	62.4	63.2	63.5	63.5	63.7	63.9	63.9	64.2	64.3	64.5	64.8
IV 10000	39.4	61.9	62.7	63.6	64.6	64.6	65.5	65.7	65.8	66.0	66.2	66.2	66.5	66.5	66.8	67.1
IV 9000	39.9	62.7	63.6	64.5	65.5	65.5	66.4	66.6	66.7	66.9	67.1	67.1	67.4	67.4	67.7	68.0
IV 8000	40.4	63.7	64.7	65.6	66.6	66.6	67.4	67.7	67.8	67.9	68.2	68.2	68.5	68.5	68.8	69.1
IV 7000	40.7	64.8	65.9	66.8	67.8	67.8	68.6	68.9	68.9	69.1	69.4	69.4	69.6	69.7	70.0	70.2
IV 6000	41.1	65.7	66.7	67.7	68.7	68.7	69.6	69.8	69.9	70.0	70.3	70.3	70.6	70.6	70.9	71.2
IV 5000	41.5	66.5	67.6	68.6	69.7	69.7	70.5	70.9	70.9	71.1	71.3	71.3	71.6	71.7	71.9	72.2
IV 4500	41.6	67.1	68.3	69.4	70.4	70.4	71.3	71.6	71.7	71.8	72.1	72.1	72.4	72.4	72.7	73.0
IV 4000	42.0	68.1	69.4	70.4	71.7	71.7	72.5	72.8	72.9	73.0	73.4	73.4	73.6	73.7	73.9	74.2
IV 3500	42.2	68.8	70.1	71.2	72.5	72.5	73.3	73.6	73.7	73.9	74.2	74.2	74.4	74.5	74.8	75.0
IV 3000	42.6	69.8	71.3	72.4	73.8	73.8	74.7	75.0	75.1	75.3	75.7	75.7	76.0	76.0	76.3	76.5
IV 2500	43.2	70.7	72.3	73.5	75.0	75.0	75.9	76.3	76.3	76.6	77.0	77.0	77.3	77.3	77.6	77.8
IV 2000	44.3	73.0	74.9	76.1	77.7	77.7	78.7	79.1	79.2	79.6	80.0	80.0	80.3	80.3	80.6	80.9
IV 1800	44.3	73.5	75.4	76.6	78.2	78.2	79.3	79.7	79.7	80.2	80.5	80.5	80.8	80.9	81.1	81.4
IV 1500	44.8	74.8	76.7	78.1	79.7	79.8	80.9	81.3	81.4	81.9	82.3	82.3	82.6	82.6	82.9	83.2
IV 1200	45.2	76.4	78.5	80.0	81.7	81.9	83.1	83.6	83.6	84.3	84.8	84.8	85.1	85.2	85.4	85.7
IV 1000	45.5	77.3	79.7	81.4	83.2	83.5	85.2	85.6	85.7	86.5	87.0	87.0	87.4	87.4	87.7	87.9
IV 900	45.5	77.8	80.2	82.1	84.0	84.3	86.0	86.5	86.6	87.4	87.9	87.9	88.3	88.3	88.7	89.0
IV 800	45.6	78.3	80.9	83.0	85.4	85.7	87.6	88.3	88.3	89.2	89.9	89.9	90.3	90.3	90.6	90.9
IV 700	45.7	78.8	81.4	83.7	86.2	86.5	88.8	89.5	89.5	90.4	91.2	91.2	91.6	91.6	91.9	92.2
IV 600	45.7	79.0	81.9	84.1	86.9	87.3	89.7	90.4	90.4	91.4	92.1	92.1	92.6	92.7	93.1	93.4
IV 500	45.7	79.1	82.1	84.4	87.4	87.8	90.5	91.4	91.4	92.5	93.3	93.3	93.9	93.9	94.3	94.6
IV 400	45.7	79.3	82.4	84.8	87.9	88.5	91.3	92.5	92.6	93.7	94.6	94.6	95.2	95.2	95.7	96.0
IV 300	45.7	79.3	82.4	84.8	87.9	88.5	91.3	92.5	92.6	93.7	94.6	94.6	95.2	95.2	95.7	96.0
IV 200	45.8	79.5	82.5	85.0	88.1	88.7	91.7	93.0	93.0	94.7	95.8	95.9	96.6	96.6	97.2	97.5
IV 100	45.8	79.5	82.5	85.0	88.1	88.7	91.7	93.0	93.0	94.7	95.8	95.9	96.6	96.6	97.2	97.5
IV 0	45.8	79.5	82.5	85.0	88.1	88.7	91.7	93.0	93.0	94.7	95.8	95.9	96.6	96.6	97.2	97.5

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71  
STATION NAME YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	31.3	48.1	49.1	49.7	50.6	50.6	51.1	51.2	51.2	51.5	51.7	51.7	51.8	51.8	52.0	52.4
≥ 20000	35.0	54.5	55.8	56.4	57.3	57.4	58.1	58.4	58.4	58.8	59.0	59.0	59.2	59.2	59.4	59.8
IV 18000	35.1	54.8	56.0	56.6	57.6	57.6	58.4	58.6	58.6	59.1	59.3	59.3	59.5	59.5	59.7	60.1
≥ 16000	35.4	55.4	56.6	57.2	58.2	58.3	59.0	59.3	59.3	59.7	59.9	59.9	60.1	60.1	60.3	60.7
IV 14000	35.8	56.1	57.3	57.9	58.9	58.9	59.7	59.9	59.9	60.4	60.6	60.6	60.8	60.8	61.0	61.4
≥ 12000	36.3	57.6	58.8	59.4	60.4	60.4	61.1	61.4	61.4	61.9	62.1	62.1	62.3	62.3	62.5	62.8
IV 10000	37.2	60.0	61.2	61.9	62.9	63.0	63.7	64.0	64.0	64.4	64.6	64.6	64.8	64.8	65.0	65.4
≥ 9000	37.7	60.8	62.0	62.7	63.7	63.8	64.5	64.8	64.8	65.2	65.4	65.4	65.6	65.6	65.8	66.2
IV 8000	38.2	61.9	63.1	63.7	64.8	64.9	65.6	65.8	65.8	66.3	66.5	66.5	66.7	66.7	66.9	67.3
≥ 7000	38.9	63.2	64.5	65.1	66.2	66.2	67.0	67.3	67.3	67.7	68.0	68.0	68.1	68.1	68.4	68.7
IV 6000	39.2	64.1	65.4	66.0	67.3	67.3	68.1	68.4	68.4	68.8	69.0	69.0	69.2	69.2	69.4	69.8
≥ 5000	40.0	65.2	66.7	67.3	68.6	68.6	69.4	69.7	69.7	70.1	70.4	70.4	70.6	70.6	70.8	71.1
IV 4500	40.3	65.9	67.4	68.0	69.3	69.4	70.1	70.4	70.4	70.9	71.1	71.1	71.3	71.3	71.5	71.9
≥ 4000	40.7	66.7	68.3	68.9	70.2	70.3	71.0	71.3	71.3	71.8	72.0	72.0	72.2	72.2	72.4	72.8
IV 3500	40.9	67.4	69.0	69.7	71.1	71.1	71.9	72.2	72.2	72.7	73.0	73.0	73.2	73.2	73.4	73.7
≥ 3000	41.1	68.1	69.8	70.5	72.0	72.0	72.8	73.1	73.2	73.7	74.0	74.0	74.2	74.2	74.5	74.8
IV 2500	41.6	69.3	70.9	71.7	73.2	73.3	74.1	74.4	74.5	75.0	75.4	75.4	75.6	75.6	75.8	76.2
≥ 2000	42.3	71.4	73.2	74.2	76.0	76.0	77.1	77.4	77.4	78.1	78.6	78.6	78.8	78.8	79.0	79.3
IV 1800	42.5	71.9	73.6	74.6	76.4	76.4	77.6	78.0	78.0	78.8	79.2	79.2	79.4	79.4	79.7	80.0
≥ 1500	42.9	73.2	75.0	76.2	77.9	78.1	79.4	79.7	79.8	80.6	81.0	81.0	81.3	81.3	81.5	81.8
IV 1200	43.3	74.6	76.5	78.0	80.1	80.2	81.7	82.0	82.2	82.9	83.4	83.4	83.7	83.7	84.0	84.3
≥ 1000	43.5	75.8	77.8	79.5	81.8	82.2	83.7	84.1	84.3	85.1	85.7	85.7	86.1	86.1	86.3	86.7
IV 900	43.6	76.1	78.2	80.0	82.4	82.8	84.7	85.1	85.3	86.1	86.7	86.7	87.2	87.2	87.4	87.8
≥ 800	43.7	76.3	78.6	80.5	83.2	83.7	85.9	86.6	86.7	87.6	88.2	88.2	88.7	88.7	88.9	89.3
IV 700	43.7	76.6	79.0	81.2	84.3	84.8	87.1	87.9	88.0	89.0	89.6	89.6	90.0	90.0	90.2	90.6
≥ 600	43.8	77.1	79.7	82.1	85.6	86.1	88.7	89.6	89.7	90.7	91.3	91.3	91.8	91.8	92.1	92.5
IV 500	43.8	77.2	80.0	82.7	86.2	86.8	89.6	90.5	90.7	91.9	92.6	92.6	93.3	93.3	93.5	93.9
≥ 400	43.8	77.4	80.2	82.9	86.6	87.2	90.4	91.5	91.6	93.0	93.8	93.9	94.5	94.5	94.8	95.3
IV 300	43.8	77.4	80.3	83.1	86.8	87.5	90.9	92.0	92.1	93.7	94.6	94.7	95.6	95.6	96.0	96.5
≥ 200	43.9	77.4	80.3	83.1	86.9	87.6	91.0	92.2	92.3	94.1	95.2	95.5	96.6	96.7	97.4	97.9
IV 100	43.9	77.4	80.3	83.1	86.9	87.6	91.0	92.2	92.3	94.1	95.2	95.5	96.6	96.7	97.4	97.9
≥ 0	43.9	77.4	80.3	83.1	86.9	87.6	91.0	92.2	92.3	94.1	95.3	95.7	97.0	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS/LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	26.6	42.5	43.7	44.4	45.2	45.2	45.6	46.0	46.0	46.4	46.8	46.9	47.0	47.0	47.1	47.3
IV 20000	30.8	50.0	51.5	52.4	53.4	53.5	54.1	54.6	54.6	55.1	55.6	55.6	55.7	55.8	55.9	56.2
IV 18000	31.2	50.5	52.1	52.9	53.9	54.0	54.6	55.1	55.2	55.6	56.1	56.1	56.3	56.3	56.4	56.7
IV 16000	31.7	51.2	52.7	53.6	54.6	54.7	55.3	55.8	55.8	56.3	56.8	56.8	56.9	57.0	57.1	57.4
IV 14000	32.3	52.4	53.9	54.8	55.8	56.0	56.6	57.1	57.1	57.6	58.0	58.1	58.2	58.2	58.3	58.6
IV 12000	33.2	54.5	56.1	57.0	58.0	58.2	58.8	59.3	59.3	59.8	60.3	60.4	60.5	60.5	60.6	60.9
IV 10000	34.0	56.7	58.4	59.3	60.4	60.5	61.2	61.7	61.7	62.2	62.7	62.7	62.9	62.9	63.0	63.3
IV 9000	34.4	57.3	59.0	60.0	61.1	61.2	61.9	62.4	62.4	62.9	63.4	63.4	63.5	63.6	63.7	64.0
IV 8000	35.1	58.9	60.7	61.8	63.0	63.1	63.8	64.2	64.3	64.7	65.3	65.3	65.5	65.5	65.6	65.9
IV 7000	35.7	59.9	61.8	63.0	64.2	64.4	65.1	65.6	65.6	66.1	66.6	66.7	66.8	66.9	66.9	67.2
IV 6000	36.1	60.7	62.7	63.9	65.2	65.4	66.1	66.6	66.6	67.1	67.7	67.7	67.8	67.9	68.0	68.2
IV 5000	36.5	62.1	64.0	65.2	66.6	66.8	67.5	68.0	68.1	68.5	69.1	69.1	69.3	69.3	69.4	69.7
IV 4500	36.8	62.6	64.5	65.8	67.1	67.3	68.1	68.6	68.7	69.1	69.7	69.7	69.9	69.9	70.0	70.3
IV 4000	37.0	63.0	65.0	66.3	67.7	67.9	68.7	69.2	69.3	69.7	70.3	70.3	70.5	70.5	70.6	70.9
IV 3500	37.6	64.0	66.0	67.4	68.8	69.0	69.8	70.3	70.4	70.8	71.4	71.4	71.6	71.6	71.7	72.0
IV 3000	37.9	65.0	67.1	68.5	69.9	70.1	70.9	71.4	71.5	71.9	72.5	72.5	72.7	72.7	72.8	73.1
IV 2500	38.2	66.0	68.1	69.5	70.9	71.1	71.9	72.4	72.5	73.0	73.5	73.6	73.8	73.8	73.9	74.2
IV 2000	38.7	67.7	69.9	71.5	73.1	73.3	74.1	74.6	74.7	75.3	75.9	76.0	76.1	76.2	76.3	76.6
IV 1800	38.8	68.3	70.5	72.1	73.8	74.0	74.9	75.4	75.5	76.1	76.7	76.8	76.9	77.0	77.1	77.4
IV 1500	39.2	70.1	72.7	74.4	76.3	76.5	77.7	78.3	78.4	79.2	79.8	79.9	80.1	80.2	80.3	80.6
IV 1200	39.4	71.6	74.5	76.4	78.6	79.0	80.4	81.0	81.1	81.9	82.6	82.7	82.9	83.0	83.1	83.4
IV 1000	39.7	72.6	75.7	77.8	80.2	80.6	82.0	82.7	82.9	84.1	84.8	84.9	85.2	85.2	85.4	85.7
IV 900	39.7	73.1	76.2	78.6	81.1	81.6	83.0	83.8	83.9	85.4	86.1	86.2	86.5	86.5	86.7	87.0
IV 800	39.8	73.8	77.1	79.7	82.5	83.0	84.6	85.5	85.8	87.5	88.3	88.3	88.7	88.7	88.9	89.2
IV 700	39.8	74.1	77.6	80.4	83.3	83.9	85.7	86.7	86.9	88.7	89.6	89.6	90.0	90.0	90.3	90.5
IV 600	39.8	74.3	77.8	80.8	84.0	84.8	86.9	88.0	88.2	90.1	91.1	91.1	91.5	91.6	91.8	92.1
IV 500	39.8	74.3	77.9	80.9	84.4	85.5	87.7	88.8	89.1	91.3	92.4	92.4	92.9	92.9	93.2	93.5
IV 400	39.8	74.4	78.0	81.1	84.7	85.7	88.3	89.5	89.8	92.3	93.6	93.7	94.2	94.3	94.7	95.0
IV 300	39.8	74.4	78.1	81.2	84.9	85.9	88.6	89.9	90.3	93.1	94.7	94.8	95.6	95.7	96.1	96.4
IV 200	39.8	74.4	78.1	81.2	84.9	85.9	88.6	89.9	90.3	93.3	95.3	95.5	96.6	96.7	97.3	97.8
IV 100	39.8	74.4	78.1	81.3	85.0	86.1	88.7	90.1	90.5	93.5	95.5	95.7	97.0	97.2	98.0	98.9
IV 0	39.8	74.4	78.1	81.3	85.0	86.1	88.7	90.1	90.5	93.5	95.5	95.8	97.1	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2359

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.3	41.2	42.7	43.5	44.3	44.4	44.7	45.0	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5
IV 20000	32.5	50.7	52.6	53.8	54.6	54.9	55.3	55.7	55.8	56.1	56.2	56.2	56.2	56.2	56.2	56.2
IV 18000	33.0	51.2	53.2	54.3	55.2	55.4	55.8	56.2	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 16000	33.5	51.9	53.8	55.0	55.9	56.1	56.5	56.9	57.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4
IV 14000	34.0	52.7	54.7	55.9	56.8	57.0	57.4	57.8	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 12000	35.4	55.1	57.1	58.3	59.1	59.4	59.8	60.2	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7
IV 10000	36.4	57.3	59.3	60.5	61.5	61.7	62.2	62.6	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 9000	37.0	58.1	60.2	61.4	62.3	62.5	63.1	63.6	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 8000	37.4	59.5	61.6	62.8	63.9	64.1	64.6	65.1	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7
IV 7000	38.0	60.5	62.8	64.1	65.2	65.4	66.0	66.5	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 6000	38.5	61.1	63.3	64.6	65.8	66.1	66.7	67.3	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	38.9	61.9	64.2	65.6	66.7	67.0	67.7	68.2	68.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8
IV 4500	39.0	62.0	64.3	65.7	66.8	67.2	67.8	68.3	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4000	39.3	62.6	65.0	66.5	67.7	68.1	68.7	69.3	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 3500	39.9	63.5	65.9	67.4	68.6	69.0	69.7	70.2	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8
IV 3000	40.3	64.6	67.0	68.6	69.8	70.2	70.8	71.5	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 2500	40.7	65.7	68.3	69.9	71.3	71.8	72.4	73.1	73.2	73.6	73.7	73.7	73.8	73.8	73.8	73.8
IV 2000	41.1	67.1	69.8	71.7	73.4	73.9	74.7	75.4	75.5	76.0	76.0	76.0	76.1	76.1	76.1	76.2
IV 1800	41.2	67.4	70.2	72.0	73.8	74.3	75.0	75.8	76.0	76.4	76.5	76.5	76.5	76.5	76.5	76.6
IV 1500	41.7	69.3	72.3	74.4	76.3	76.8	77.8	78.6	78.8	79.5	79.6	79.7	79.8	79.8	79.8	79.8
IV 1200	42.2	71.2	74.7	76.9	79.0	79.7	80.8	81.8	82.0	82.8	83.0	83.0	83.3	83.3	83.3	83.4
IV 1000	42.4	72.4	76.0	78.4	80.7	81.4	82.9	84.0	84.4	85.6	85.8	85.8	86.3	86.3	86.3	86.3
IV 900	42.5	72.6	76.5	79.1	81.4	82.1	83.7	85.0	85.3	86.5	86.8	86.8	87.3	87.3	87.3	87.4
IV 800	42.7	73.3	77.2	79.9	82.4	83.1	85.0	86.5	87.1	88.6	88.9	89.0	89.5	89.5	89.5	89.5
IV 700	42.8	73.6	77.7	80.7	83.4	84.2	86.2	87.7	88.3	90.0	90.4	90.5	91.1	91.1	91.1	91.2
IV 600	42.8	73.8	78.0	81.1	84.2	85.2	87.2	89.1	89.9	91.7	92.2	92.3	93.0	93.0	93.1	93.1
IV 500	42.8	73.8	78.1	81.3	84.6	85.6	88.0	90.2	91.2	93.1	93.9	94.0	94.9	94.9	95.0	95.0
IV 400	42.8	73.9	78.1	81.4	84.7	85.7	88.3	90.6	91.8	93.9	94.8	95.0	96.0	96.2	96.3	96.4
IV 300	42.8	73.9	78.1	81.4	84.7	85.8	88.4	90.7	91.9	94.3	95.4	95.7	97.0	97.1	97.5	97.7
IV 200	42.8	73.9	78.1	81.4	84.7	85.8	88.4	90.8	92.0	94.5	95.8	96.0	97.6	97.9	98.4	98.7
IV 100	42.8	73.9	78.1	81.4	84.7	85.8	88.4	90.8	92.1	94.5	95.8	96.1	97.6	98.0	98.7	99.2
IV 0	42.8	73.9	78.1	81.4	84.7	85.8	88.4	90.8	92.1	94.5	95.9	96.2	97.7	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2379



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0		
NO CEILING	32.9	45.6	46.0	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
IV 20000	40.5	56.0	56.7	57.2	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
IV 18000	41.1	56.6	57.2	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
IV 16000	41.3	57.0	57.7	58.2	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
IV 14000	42.0	58.2	58.8	59.3	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
IV 12000	43.4	60.3	61.0	61.6	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
IV 10000	45.4	63.4	64.1	64.9	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
IV 9000	45.9	64.2	64.9	65.6	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	
IV 8000	46.5	65.5	66.3	67.1	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
IV 7000	47.0	66.6	67.5	68.3	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
IV 6000	47.4	67.0	67.9	68.7	69.2	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
IV 5000	47.4	67.3	68.3	69.1	69.6	69.8	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	
IV 4500	47.5	67.5	68.4	69.2	69.8	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
IV 4000	48.4	68.7	69.8	70.7	71.2	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
IV 3500	48.6	69.2	70.3	71.1	71.7	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
IV 3000	49.1	70.0	71.1	72.1	72.7	72.9	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
IV 2500	50.0	71.7	73.0	74.1	74.8	75.2	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
IV 2000	51.0	73.8	75.2	76.6	77.3	77.7	77.9	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	
IV 1800	51.1	74.1	75.5	76.9	77.7	78.0	78.3	78.6	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	
IV 1500	51.5	76.1	77.9	79.6	80.6	81.0	81.3	81.7	81.8	82.2	82.2	82.2	82.3	82.3	82.3	82.3	
IV 1200	52.0	77.9	80.1	82.0	83.3	83.8	84.1	84.5	84.8	85.2	85.3	85.4	85.4	85.4	85.5	85.5	
IV 1000	52.3	79.0	81.3	83.4	84.9	85.4	86.2	86.7	87.0	87.7	87.8	87.9	88.2	88.2	88.2	88.2	
IV 900	52.4	79.4	81.9	84.2	85.9	86.5	87.5	88.0	88.3	89.0	89.3	89.5	89.8	89.8	89.8	89.8	
IV 800	52.6	80.0	82.8	85.3	87.3	88.1	89.6	90.3	90.6	91.4	91.7	91.9	92.2	92.2	92.3	92.3	
IV 700	52.6	80.1	83.0	85.7	88.2	89.4	91.3	92.3	92.7	93.8	94.4	94.6	95.1	95.1	95.2	95.2	
IV 600	52.6	80.2	83.1	85.9	88.5	89.7	92.0	93.3	93.8	95.0	95.7	95.9	96.6	96.6	96.7	96.7	
IV 500	52.6	80.2	83.1	85.9	88.6	89.9	92.3	93.8	94.5	95.9	96.7	96.9	97.8	97.9	98.0	98.2	
IV 400	52.6	80.2	83.1	85.9	88.7	89.9	92.4	94.0	94.7	96.3	97.3	97.6	98.5	98.5	98.8	99.0	
IV 300	52.6	80.2	83.1	85.9	88.7	89.9	92.4	94.0	94.7	96.3	97.4	97.7	98.9	98.9	99.4	99.7	
IV 200	52.6	80.2	83.1	85.9	88.7	89.9	92.4	94.1	94.8	96.4	97.5	97.8	99.0	99.0	99.6	99.9	
IV 100	52.6	80.2	83.1	85.9	88.7	89.9	92.4	94.1	94.8	96.4	97.5	97.8	99.0	99.0	99.6	99.9	
IV 0	52.6	80.2	83.1	85.9	88.7	89.9	92.4	94.1	94.8	96.4	97.5	97.8	99.0	99.0	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 2383



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	35.4	46.8	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 20000	43.1	58.1	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 18000	43.6	58.6	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7
IV 16000	43.6	58.7	59.4	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8
IV 14000	44.2	59.8	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
IV 12000	45.9	62.2	62.9	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
IV 10000	48.1	65.6	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 9000	48.4	66.0	66.8	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
IV 8000	49.6	68.5	69.3	69.6	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 7000	50.6	70.1	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 6000	50.9	70.9	71.8	72.1	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 5000	51.1	71.3	72.3	72.6	72.9	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
IV 4500	51.1	71.4	72.4	72.7	73.0	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
IV 4000	51.4	72.0	73.0	73.4	73.7	73.8	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
IV 3500	51.5	72.6	73.6	74.1	74.4	74.5	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
IV 3000	52.1	73.5	74.6	75.1	75.4	75.5	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
IV 2500	53.0	75.1	76.2	76.7	77.1	77.2	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 2000	53.7	77.2	78.5	79.4	79.9	80.1	80.4	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9
IV 1800	54.0	77.6	78.9	79.9	80.5	80.6	81.1	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
IV 1500	54.4	79.1	80.6	81.7	82.4	82.6	83.1	83.6	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9
IV 1200	54.7	80.5	82.7	83.9	84.7	85.0	85.0	86.5	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0
IV 1000	55.0	81.4	84.0	85.4	86.5	87.0	88.3	88.9	89.0	89.6	89.6	89.9	89.9	89.9	89.9	89.9
IV 900	55.0	82.0	84.6	86.1	87.5	88.0	89.6	90.3	90.4	91.0	91.4	91.4	91.5	91.5	91.5	91.5
IV 800	55.0	82.3	84.9	86.7	88.6	89.1	90.8	91.6	91.8	92.4	92.9	92.9	93.1	93.1	93.1	93.1
IV 700	55.1	82.4	85.2	87.1	89.1	89.7	91.7	92.7	92.8	93.6	94.0	94.1	94.3	94.3	94.3	94.3
IV 600	55.1	82.5	85.4	87.3	89.3	90.0	92.4	93.6	93.9	94.7	95.2	95.4	95.7	95.7	95.8	95.8
IV 500	55.1	82.7	85.7	87.8	89.9	90.9	93.6	95.0	95.2	96.3	96.9	97.0	97.5	97.5	97.6	97.6
IV 400	55.1	82.8	85.8	87.9	90.2	91.2	94.0	95.5	95.8	96.9	97.6	97.7	98.3	98.3	98.5	98.7
IV 300	55.1	82.8	85.8	87.9	90.2	91.2	94.1	95.6	95.9	97.1	97.9	98.1	98.7	98.7	99.0	99.2
IV 200	55.1	82.8	85.8	87.9	90.2	91.2	94.2	95.7	96.0	97.1	98.1	98.3	98.9	98.9	99.5	99.7
IV 100	55.1	82.8	85.8	87.9	90.2	91.2	94.2	95.7	96.0	97.1	98.2	98.4	98.9	99.0	99.7	100.0
IV 0	55.1	82.8	85.8	87.9	90.2	91.2	94.2	95.7	96.0	97.1	98.2	98.4	98.9	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2378

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-53,62-72  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	36.2	53.6	54.3	54.8	55.3	55.3	55.4	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.7
IV 20000	41.8	61.0	61.9	62.5	62.9	63.0	63.1	63.2	63.3	63.3	63.4	63.4	63.5	63.5	63.5	63.5
IV 18000	42.0	61.3	62.2	62.8	63.2	63.3	63.4	63.5	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8
IV 16000	42.1	61.4	62.3	62.9	63.4	63.4	63.6	63.6	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9
IV 14000	42.9	62.5	63.5	64.1	64.5	64.5	64.7	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1
IV 12000	44.1	64.7	65.8	66.4	66.8	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4
IV 10000	45.6	67.6	68.7	69.3	69.7	69.8	69.9	70.0	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3
IV 9000	45.8	68.0	69.1	69.7	70.2	70.2	70.4	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7
IV 8000	46.9	69.7	70.8	71.5	71.9	72.0	72.2	72.3	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6
IV 7000	47.4	70.7	71.8	72.5	73.0	73.0	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.7	73.7
IV 6000	47.5	71.5	72.7	73.5	74.0	74.0	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.7	74.7
IV 5000	47.8	72.2	73.5	74.3	74.8	74.8	75.0	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.5	75.5
IV 4500	47.9	72.4	73.8	74.5	75.2	75.2	75.4	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.9	75.9
IV 4000	48.0	72.8	74.2	75.0	75.7	75.7	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.5
IV 3500	48.2	73.7	75.1	75.9	76.6	76.7	77.1	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5
IV 3000	48.6	74.9	76.4	77.3	77.9	78.0	78.4	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9
IV 2500	49.0	76.0	77.4	78.3	79.1	79.2	79.6	79.8	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1
IV 2000	49.5	77.1	78.9	80.1	81.0	81.1	81.5	81.7	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1
IV 1800	49.7	77.6	79.3	80.7	81.6	81.7	82.3	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.9	82.9
IV 1500	49.9	78.7	80.7	82.1	83.4	83.5	84.2	84.5	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9
IV 1200	50.1	79.9	82.1	83.8	85.3	85.5	86.5	87.0	87.2	87.3	87.5	87.5	87.6	87.6	87.6	87.6
IV 1000	50.1	80.9	83.6	85.5	87.2	87.5	88.6	89.3	89.5	89.7	89.9	90.0	90.1	90.1	90.1	90.1
IV 900	50.2	81.4	84.1	86.1	88.0	88.3	89.7	90.5	90.7	90.9	91.2	91.2	91.3	91.3	91.3	91.3
IV 800	50.3	81.7	84.6	86.9	88.9	89.2	90.9	91.8	92.0	92.4	92.8	92.9	92.9	92.9	93.0	93.0
IV 700	50.3	81.8	84.9	87.2	89.5	89.8	91.6	92.6	92.8	93.4	93.8	93.8	93.9	93.9	93.9	93.9
IV 600	50.3	82.0	85.2	87.6	90.3	90.6	92.5	93.8	94.0	94.9	95.5	95.5	95.7	95.7	95.8	95.8
IV 500	50.3	82.1	85.2	87.8	90.7	91.0	93.3	94.6	94.8	95.8	96.4	96.4	97.0	97.1	97.1	97.1
IV 400	50.3	82.2	85.4	87.9	90.9	91.2	93.8	95.1	95.4	96.9	97.7	97.7	98.5	98.6	98.7	98.7
IV 300	50.3	82.2	85.4	87.9	90.9	91.3	93.8	95.2	95.5	97.0	98.0	98.1	99.0	99.1	99.2	99.3
IV 200	50.3	82.2	85.4	87.9	90.9	91.3	93.8	95.2	95.5	97.0	98.0	98.2	99.1	99.2	99.4	99.4
IV 100	50.3	82.2	85.4	87.9	90.9	91.3	93.8	95.2	95.5	97.0	98.0	98.3	99.2	99.3	99.5	99.7
IV 0	50.3	82.2	85.4	87.9	90.9	91.3	93.8	95.2	95.5	97.0	98.0	98.3	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2352

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-53,62-72  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.5	53.2	54.3	54.6	55.2	55.4	55.6	55.7	55.7	55.9	56.1	56.1	56.4	56.4	56.5	56.6
IV 20000	39.3	60.3	61.5	62.1	62.7	62.8	63.0	63.1	63.1	63.3	63.6	63.6	63.8	63.9	63.9	64.1
IV 18000	39.5	60.5	61.7	62.3	62.9	63.0	63.2	63.3	63.3	63.6	63.8	63.8	64.0	64.1	64.2	64.3
IV 16000	39.5	60.5	61.8	62.3	62.9	63.1	63.3	63.4	63.4	63.6	63.8	63.8	64.1	64.1	64.2	64.3
IV 14000	40.0	61.3	62.5	63.1	63.7	63.9	64.1	64.2	64.2	64.4	64.6	64.6	64.9	64.9	65.0	65.1
IV 12000	40.9	62.7	63.9	64.5	65.2	65.3	65.5	65.6	65.6	65.9	66.1	66.1	66.3	66.4	66.5	66.6
IV 10000	42.1	63.1	66.4	67.0	67.7	67.9	68.0	68.2	68.2	68.4	68.6	68.6	68.8	68.9	69.0	69.1
IV 8000	42.7	66.2	67.5	68.2	68.8	69.0	69.2	69.3	69.3	69.5	69.7	69.7	70.0	70.0	70.1	70.2
IV 7000	43.7	67.7	69.1	69.7	70.4	70.6	70.8	70.9	70.9	71.1	71.3	71.3	71.6	71.6	71.7	71.8
IV 6000	44.0	68.6	70.1	70.8	71.6	71.7	71.9	72.0	72.0	72.2	72.5	72.5	72.7	72.8	72.8	73.0
IV 5000	44.2	69.3	71.0	71.8	72.5	72.7	72.9	73.1	73.1	73.3	73.5	73.5	73.8	73.8	73.9	74.0
IV 4500	44.4	70.2	72.0	72.8	73.6	73.8	74.0	74.2	74.2	74.4	74.6	74.6	74.9	74.9	75.0	75.1
IV 4000	44.5	70.4	72.2	73.1	74.0	74.2	74.4	74.5	74.5	74.8	75.0	75.0	75.3	75.3	75.4	75.5
IV 3500	44.7	71.0	72.8	73.7	74.7	74.9	75.2	75.4	75.4	75.6	75.9	75.9	76.2	76.2	76.3	76.4
IV 3000	45.3	72.1	74.0	74.9	75.9	76.1	76.4	76.5	76.6	76.8	77.1	77.1	77.4	77.4	77.5	77.6
IV 2500	45.7	73.2	75.1	76.0	77.1	77.2	77.6	77.8	77.9	78.1	78.3	78.3	78.6	78.7	78.8	78.9
IV 2000	46.2	74.4	76.3	77.2	78.2	78.4	78.8	79.0	79.1	79.4	79.6	79.6	79.9	79.9	80.0	80.2
IV 1800	47.1	76.0	78.1	79.1	80.2	80.5	80.9	81.1	81.2	81.5	81.7	81.7	82.0	82.1	82.2	82.3
IV 1500	47.1	76.1	78.2	79.3	80.5	80.7	81.1	81.4	81.4	81.8	82.0	82.0	82.3	82.3	82.4	82.6
IV 1200	47.6	77.7	80.1	81.4	82.8	83.1	83.5	83.7	83.8	84.2	84.4	84.4	84.7	84.8	84.8	85.1
IV 1000	47.9	78.9	81.5	83.1	84.7	85.1	86.0	86.2	86.3	86.6	87.1	87.1	87.4	87.4	87.5	87.7
IV 900	48.0	79.4	82.4	84.3	86.1	86.5	87.5	87.8	87.9	88.5	88.8	88.8	89.2	89.3	89.4	89.6
IV 800	48.1	80.0	83.1	85.1	86.9	87.4	88.5	89.0	89.1	89.6	90.0	90.0	90.4	90.5	90.5	90.8
IV 700	48.1	80.3	83.6	85.9	88.0	88.5	89.7	90.4	90.5	91.1	91.5	91.5	92.0	92.0	92.1	92.3
IV 600	48.1	80.9	84.3	86.8	89.1	89.6	90.9	91.6	91.7	92.4	92.8	92.9	93.4	93.5	93.6	93.8
IV 500	48.1	81.2	84.6	87.2	89.6	90.3	91.9	92.7	92.8	93.6	94.1	94.2	95.0	95.1	95.1	95.4
IV 400	48.1	81.3	84.7	87.4	90.0	90.8	92.9	93.9	94.0	94.8	95.5	95.6	96.5	96.6	96.8	97.0
IV 300	48.1	81.4	84.8	87.5	90.4	91.2	93.3	94.3	94.4	95.5	96.4	96.5	97.5	97.6	97.8	98.0
IV 200	48.1	81.4	84.9	87.6	90.4	91.2	93.4	94.6	94.6	95.7	96.9	97.1	98.2	98.3	98.5	98.7
IV 100	48.1	81.4	84.9	87.6	90.4	91.2	93.4	94.6	94.6	95.8	96.9	97.1	98.5	98.6	98.9	99.2
IV 0	48.1	81.4	84.9	87.6	90.4	91.2	93.4	94.6	94.6	95.8	97.0	97.2	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2349

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-53,62-65,67-71  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS:ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	33.5	50.9	51.8	52.9	53.4	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.3	54.3	54.4	54.6
IV 20000	36.7	55.7	56.8	57.9	58.4	58.5	58.6	58.9	58.9	59.0	59.0	59.0	59.3	59.3	59.4	59.6
IV 18000	36.8	55.8	56.9	58.0	58.5	58.6	58.7	59.0	59.0	59.1	59.1	59.1	59.4	59.4	59.5	59.7
IV 16000	36.8	55.9	57.0	58.1	58.6	58.7	58.8	59.1	59.1	59.2	59.2	59.2	59.5	59.5	59.6	59.8
IV 14000	37.7	57.0	58.2	59.3	59.8	59.9	60.0	60.3	60.3	60.5	60.5	60.5	60.7	60.7	60.9	61.0
IV 12000	38.6	58.4	59.6	60.8	61.3	61.4	61.5	61.7	61.7	61.9	61.9	61.9	62.2	62.2	62.3	62.5
IV 10000	40.0	60.5	61.6	62.8	63.3	63.4	63.5	63.8	63.8	63.9	63.9	63.9	64.2	64.2	64.3	64.5
IV 9000	40.4	61.0	62.2	63.4	63.9	64.0	64.1	64.4	64.4	64.5	64.5	64.5	64.8	64.8	64.9	65.1
IV 8000	41.2	62.3	63.7	64.9	65.5	65.6	65.7	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.5	66.6
IV 7000	43.0	64.6	66.0	67.3	67.8	67.9	68.0	68.3	68.3	68.5	68.5	68.5	68.7	68.7	68.9	69.0
IV 6000	43.7	65.8	67.3	68.6	69.1	69.2	69.3	69.5	69.5	69.7	69.7	69.7	70.0	70.0	70.1	70.3
IV 5000	44.5	67.8	69.4	70.8	71.3	71.4	71.5	71.8	71.8	71.9	71.9	71.9	72.2	72.2	72.3	72.5
IV 4500	45.3	69.1	70.9	72.2	72.7	72.8	73.0	73.3	73.3	73.4	73.4	73.4	73.7	73.7	73.8	74.0
IV 4000	45.5	69.7	71.8	73.1	73.7	73.8	73.9	74.2	74.2	74.3	74.3	74.3	74.6	74.6	74.8	74.9
IV 3500	45.9	70.8	72.8	74.2	74.9	75.0	75.1	75.4	75.4	75.5	75.5	75.5	75.8	75.8	75.9	76.1
IV 3000	46.8	72.3	74.3	75.8	76.5	76.6	76.7	77.0	77.0	77.1	77.1	77.1	77.4	77.4	77.5	77.7
IV 2500	47.8	74.4	76.6	78.1	78.9	79.0	79.2	79.5	79.5	79.6	79.6	79.6	79.9	79.9	80.0	80.2
IV 2000	48.4	75.9	78.2	79.9	80.9	81.0	81.3	81.5	81.5	81.8	81.8	81.8	82.1	82.1	82.3	82.4
IV 1800	48.8	76.7	79.1	80.7	81.8	81.9	82.2	82.5	82.5	82.8	82.8	82.8	83.1	83.1	83.3	83.4
IV 1500	49.4	78.4	81.1	82.9	84.3	84.4	84.7	85.0	85.0	85.4	85.4	85.4	85.8	85.8	85.9	86.1
IV 1200	49.6	79.8	82.6	84.6	86.3	86.5	87.1	87.4	87.4	87.9	87.9	87.9	88.2	88.2	88.4	88.5
IV 1000	49.8	80.9	84.1	86.3	88.2	88.3	89.3	89.6	89.6	90.3	90.4	90.4	90.8	90.8	91.0	91.1
IV 900	50.1	81.5	84.7	87.0	89.3	89.5	90.5	90.8	90.8	91.6	91.7	91.7	92.1	92.1	92.3	92.4
IV 800	50.2	81.8	85.2	87.6	90.0	90.2	91.5	91.8	91.9	92.9	92.9	92.9	93.3	93.3	93.5	93.6
IV 700	50.2	82.0	85.3	87.8	90.2	90.4	91.9	92.3	92.4	93.4	93.4	93.4	93.9	93.9	94.1	94.2
IV 600	50.2	82.3	85.7	88.3	91.0	91.3	93.2	93.8	93.9	95.1	95.3	95.3	95.8	95.8	95.9	96.1
IV 500	50.2	82.3	85.9	88.5	91.6	91.9	94.1	94.9	94.9	96.3	96.6	96.7	97.3	97.3	97.4	97.6
IV 400	50.2	82.3	85.9	88.6	91.9	92.3	94.5	95.4	95.4	96.9	97.2	97.3	97.9	97.9	98.0	98.2
IV 300	50.2	82.3	85.9	88.6	91.9	92.3	94.6	95.5	95.5	97.0	97.4	97.6	98.2	98.2	98.4	98.6
IV 200	50.2	82.3	85.9	88.6	91.9	92.4	94.6	95.5	95.6	97.1	97.5	97.7	98.5	98.5	98.7	98.9
IV 100	50.2	82.3	85.9	88.6	91.9	92.4	94.6	95.5	95.6	97.1	97.5	97.7	98.6	98.6	98.9	99.1
IV 0	50.2	82.3	85.9	88.6	91.9	92.4	94.6	95.5	95.6	97.1	97.5	97.7	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1937

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71  
STATION NAME YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	31.5	46.9	48.3	48.9	49.5	49.5	50.4	50.7	50.7	51.0	51.3	51.4	51.7	51.8	51.9	52.2
IV 20000	34.7	51.9	53.5	54.3	54.9	54.9	55.8	56.2	56.2	56.4	56.7	56.8	57.1	57.2	57.3	57.7
IV 18000	35.1	52.6	54.2	54.9	55.5	55.5	56.5	56.8	56.8	57.1	57.4	57.5	57.8	57.9	58.0	58.3
IV 16000	35.1	52.6	54.2	54.9	55.5	55.5	56.5	56.8	56.8	57.1	57.4	57.5	57.8	57.9	58.0	58.3
IV 14000	35.8	53.4	55.1	55.9	56.5	56.5	57.4	57.8	57.8	58.0	58.3	58.4	58.7	58.8	58.9	59.3
IV 12000	36.9	54.9	56.5	57.3	57.9	57.9	58.8	59.2	59.2	59.5	59.8	59.8	60.2	60.2	60.3	60.7
IV 10000	38.1	56.9	58.6	59.4	60.1	60.1	61.0	61.4	61.4	61.6	61.9	62.0	62.4	62.4	62.6	63.0
IV 9000	38.4	57.3	59.1	59.8	60.5	60.5	61.4	61.8	61.8	62.0	62.4	62.4	62.8	62.8	63.0	63.4
IV 8000	39.5	59.1	60.9	61.6	62.3	62.3	63.2	63.6	63.6	63.8	64.2	64.2	64.6	64.6	64.8	65.2
IV 7000	41.0	61.2	63.1	63.9	64.6	64.6	65.5	66.0	66.0	66.3	66.6	66.6	67.0	67.0	67.3	67.6
IV 6000	41.8	62.5	64.4	65.2	65.9	65.9	66.8	67.3	67.3	67.6	67.9	68.0	68.3	68.4	68.6	69.0
IV 5000	42.5	64.1	66.0	66.8	67.6	67.6	68.5	69.0	69.0	69.3	69.6	69.7	70.0	70.1	70.3	70.7
IV 4500	42.9	64.9	66.8	67.7	68.5	68.5	69.4	69.8	69.8	70.2	70.5	70.6	70.9	71.0	71.2	71.5
IV 4000	43.4	65.8	67.9	68.7	69.5	69.5	70.4	70.9	70.9	71.2	71.5	71.6	71.9	72.0	72.2	72.6
IV 3500	43.8	66.5	68.6	69.5	70.4	70.4	71.4	71.8	71.8	72.2	72.5	72.9	72.9	72.9	73.1	73.5
IV 3000	44.5	67.8	70.0	70.9	72.2	72.2	73.1	73.6	73.6	74.0	74.3	74.3	74.7	74.7	74.9	75.3
IV 2500	45.1	69.6	71.8	72.9	74.2	74.2	75.2	75.7	75.7	76.1	76.4	76.5	76.9	76.9	77.2	77.5
IV 2000	46.4	72.4	74.6	75.8	77.3	77.3	78.3	78.9	78.9	79.3	79.7	79.7	80.1	80.2	80.4	80.8
IV 1800	46.7	73.4	75.6	76.8	78.3	78.3	79.4	79.9	79.9	80.4	80.8	80.8	81.2	81.3	81.5	81.8
IV 1500	47.3	74.9	77.3	78.6	80.1	80.2	81.4	82.1	82.1	82.8	83.2	83.2	83.7	83.7	83.9	84.3
IV 1200	47.9	76.9	79.7	81.3	83.1	83.1	84.5	85.3	85.3	86.1	86.5	86.5	87.0	87.0	87.2	87.6
IV 1000	48.0	78.4	81.2	83.0	85.1	85.1	86.6	87.6	87.6	88.4	88.9	88.9	89.4	89.5	89.7	90.0
IV 900	48.2	78.8	81.7	83.5	85.7	85.7	87.2	88.2	88.2	89.1	89.6	89.7	90.3	90.3	90.5	90.9
IV 800	48.3	79.3	82.3	84.2	86.8	87.0	88.6	89.6	89.6	90.6	91.3	91.3	92.0	92.1	92.3	92.7
IV 700	48.3	79.5	82.6	84.5	87.2	87.4	89.2	90.2	90.3	91.3	92.0	92.1	92.7	92.8	93.0	93.4
IV 600	48.3	79.7	82.7	84.8	87.6	88.0	90.1	91.1	91.2	92.8	93.6	93.6	94.3	94.4	94.6	95.0
IV 500	48.3	79.9	83.0	85.0	88.1	88.7	91.1	92.2	92.3	94.2	95.0	95.2	96.0	96.1	96.2	96.6
IV 400	48.3	80.0	83.1	85.1	88.3	88.8	91.4	92.7	92.9	95.0	96.0	96.7	97.0	97.0	97.2	97.6
IV 300	48.3	80.0	83.1	85.2	88.4	89.0	91.6	92.8	93.1	95.4	96.5	96.7	97.5	97.6	97.8	98.2
IV 200	48.4	80.1	83.2	85.3	88.6	89.1	91.7	93.0	93.2	95.7	96.9	97.0	98.0	98.0	98.3	98.9
IV 100	48.4	80.1	83.2	85.3	88.6	89.1	91.7	93.0	93.2	95.7	96.9	97.1	98.0	98.1	98.4	99.0
IV 0	48.4	80.1	83.2	85.3	88.6	89.1	91.7	93.0	93.2	95.7	96.9	97.1	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1939

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
OBSLST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 1/16	≥ ¼	≥ 0
NO CEILING	26.5	39.1	40.2	41.5	43.1	43.1	43.7	43.8	44.0	44.5	44.7	44.7	45.1	45.1	45.4	45.8
IV 20000	29.4	44.6	46.0	47.6	49.4	49.4	50.0	50.4	50.6	51.2	51.5	51.5	51.9	51.9	52.2	52.6
IV 18000	29.7	45.3	46.6	48.2	50.0	50.0	50.7	51.0	51.3	51.9	52.1	52.1	52.6	52.6	52.9	53.3
IV 16000	29.8	45.5	46.8	48.4	50.2	50.2	50.9	51.2	51.5	52.1	52.3	52.3	52.8	52.8	53.1	53.5
IV 14000	30.3	46.3	47.7	49.3	51.1	51.1	51.8	52.1	52.3	53.0	53.2	53.2	53.7	53.7	53.9	54.4
IV 12000	31.5	48.1	49.5	51.2	53.1	53.1	53.8	54.1	54.4	55.0	55.2	55.2	55.7	55.7	56.0	56.4
IV 10000	33.1	50.9	52.4	54.1	56.1	56.1	56.8	57.1	57.3	58.0	58.3	58.3	58.7	58.7	59.0	59.4
IV 9000	33.5	51.5	53.1	54.8	56.8	56.8	57.5	57.8	58.0	58.7	59.0	59.0	59.5	59.5	59.8	60.2
IV 8000	34.9	53.7	55.4	57.1	59.2	59.2	60.0	60.3	60.5	61.2	61.5	61.5	62.0	62.0	62.3	62.7
IV 7000	36.2	55.6	57.4	59.4	61.5	61.6	62.3	62.7	62.9	63.6	63.9	63.9	64.4	64.4	64.6	65.1
IV 6000	36.7	56.8	58.7	60.8	62.9	63.1	63.8	64.1	64.3	65.0	65.3	65.3	65.8	65.8	66.1	66.5
IV 5000	37.2	58.0	60.0	62.1	64.4	64.5	65.3	65.7	65.9	66.6	66.9	66.9	67.4	67.4	67.7	68.1
IV 4500	37.4	58.5	60.5	62.6	64.9	65.1	65.8	66.2	66.5	67.1	67.5	67.5	68.0	68.0	68.3	68.7
IV 4000	37.9	59.2	61.3	63.5	66.0	66.1	66.9	67.3	67.6	68.2	68.6	68.6	69.1	69.1	69.3	69.8
IV 3500	38.4	60.3	62.3	64.6	67.1	67.2	68.0	68.5	68.7	69.3	69.7	69.7	70.2	70.2	70.5	70.9
IV 3000	39.1	61.6	63.8	66.1	68.7	68.9	69.7	70.1	70.3	71.0	71.4	71.4	71.8	71.8	72.1	72.5
IV 2500	40.4	64.4	66.7	69.1	71.8	72.0	72.9	73.3	73.6	74.3	74.7	74.7	75.2	75.2	75.4	75.9
IV 2000	41.2	66.2	68.6	71.3	74.2	74.4	75.4	75.8	76.1	76.9	77.3	77.3	77.8	77.8	78.1	78.5
IV 1800	41.4	66.8	69.3	71.9	74.9	75.1	76.0	76.5	76.7	77.5	77.9	77.9	78.5	78.5	78.8	79.2
IV 1500	42.7	69.7	72.3	74.9	78.0	78.2	79.2	79.9	80.1	81.1	81.6	81.6	82.2	82.2	82.5	82.9
IV 1200	43.3	71.9	74.8	77.7	81.0	81.2	82.4	83.1	83.3	84.5	85.0	85.0	85.6	85.6	86.0	86.4
IV 1000	43.7	73.6	76.8	80.2	83.8	84.0	85.4	86.1	86.4	87.7	88.2	88.2	89.0	89.0	89.4	89.8
IV 900	43.8	73.9	77.1	80.6	84.2	84.5	85.9	86.7	86.9	88.3	89.0	89.0	89.8	89.8	90.1	90.6
IV 800	43.8	74.5	77.7	81.3	85.1	85.4	87.1	88.0	88.3	89.9	90.7	90.8	91.5	91.5	91.9	92.3
IV 700	43.9	74.8	78.1	81.7	85.6	85.9	87.7	88.6	89.0	90.6	91.5	91.5	92.4	92.4	92.8	93.2
IV 600	43.9	75.0	78.5	82.3	86.2	86.6	88.5	89.5	89.9	91.7	92.6	92.6	93.6	93.6	94.0	94.5
IV 500	43.9	75.2	78.7	82.5	86.8	87.2	89.3	90.5	90.9	92.9	93.9	94.1	95.1	95.1	95.6	96.1
IV 400	43.9	75.2	78.7	82.6	87.0	87.5	89.6	90.8	91.4	93.6	94.8	95.0	96.1	96.1	96.6	97.1
IV 300	43.9	75.2	78.8	82.7	87.0	87.5	89.7	90.9	91.5	93.8	95.4	95.6	96.9	96.9	97.5	98.0
IV 200	43.9	75.2	78.8	82.7	87.0	87.5	89.7	91.0	91.5	93.8	95.6	95.8	97.3	97.3	98.0	98.6
IV 100	43.9	75.2	78.8	82.7	87.0	87.5	89.7	91.0	91.5	93.8	95.6	95.9	97.4	97.4	98.4	99.2
IV 0	43.9	75.2	78.8	82.7	87.0	87.5	89.7	91.0	91.5	93.8	95.6	95.9	97.5	97.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	27.2	39.2	40.4	41.5	42.2	42.4	42.7	42.8	42.8	43.0	43.1	43.1	43.2	43.2	43.2	43.2
IV 20000	32.2	46.6	48.2	49.3	50.5	50.6	50.9	51.1	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.6
IV 18000	32.3	46.9	48.5	49.6	50.7	50.9	51.2	51.3	51.4	51.6	51.8	51.8	51.9	51.9	51.9	51.9
IV 16000	32.7	47.4	49.0	50.1	51.3	51.4	51.8	51.9	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4
IV 14000	33.2	48.0	49.7	50.8	52.0	52.1	52.4	52.6	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1
IV 12000	34.4	49.9	51.5	52.7	54.0	54.2	54.6	54.8	54.9	55.2	55.4	55.4	55.5	55.5	55.5	55.5
IV 10000	36.6	53.3	54.9	56.2	57.5	57.6	58.1	58.4	58.5	58.7	58.9	58.9	59.1	59.1	59.1	59.1
IV 9000	37.0	54.1	55.8	57.0	58.3	58.5	58.9	59.2	59.3	59.6	59.8	59.8	59.9	60.0	60.0	60.0
IV 8000	38.1	56.0	57.7	59.1	60.4	60.6	61.0	61.3	61.4	61.7	61.9	61.9	62.0	62.0	62.0	62.0
IV 7000	38.6	57.1	59.0	60.5	61.9	62.0	62.5	62.7	62.8	63.2	63.3	63.3	63.5	63.5	63.5	63.5
IV 6000	39.1	58.2	60.2	61.8	63.2	63.3	63.9	64.2	64.3	64.6	64.8	64.8	64.9	65.0	65.0	65.0
IV 5000	39.6	59.6	61.6	63.3	64.7	64.9	65.5	65.8	65.9	66.2	66.4	66.4	66.5	66.6	66.6	66.6
IV 4500	40.0	60.6	62.6	64.4	66.0	66.1	66.7	67.0	67.1	67.4	67.6	67.6	67.7	67.8	67.8	67.8
IV 4000	40.5	61.5	63.6	65.5	67.0	67.2	67.8	68.2	68.4	68.7	68.9	68.9	69.0	69.1	69.1	69.1
IV 3500	40.8	62.0	64.2	66.1	67.8	68.0	68.6	69.0	69.2	69.5	69.7	69.7	69.8	69.9	69.9	69.9
IV 3000	41.6	63.5	65.7	67.7	69.4	69.6	70.2	70.7	70.8	71.2	71.4	71.4	71.5	71.6	71.6	71.6
IV 2500	42.5	64.8	67.0	69.2	70.9	71.1	71.8	72.2	72.4	72.8	73.0	73.0	73.1	73.2	73.2	73.2
IV 2000	43.8	67.9	70.3	72.6	74.5	74.6	75.3	75.8	76.0	76.7	76.8	76.8	77.0	77.0	77.0	77.0
IV 1800	44.2	68.8	71.3	73.7	75.6	75.8	76.5	77.0	77.2	77.8	78.0	78.0	78.1	78.2	78.2	78.2
IV 1500	45.3	71.1	73.8	76.4	78.6	78.9	79.6	80.2	80.4	81.1	81.3	81.3	81.4	81.5	81.5	81.5
IV 1200	46.1	73.5	76.3	79.2	81.6	82.0	82.9	83.7	84.0	84.8	85.1	85.1	85.2	85.3	85.3	85.3
IV 1000	46.5	74.9	78.2	81.4	84.1	84.6	85.6	86.4	86.7	87.7	88.1	88.2	88.5	88.6	88.7	88.7
IV 900	46.6	75.4	78.8	82.2	85.1	85.7	86.8	87.7	88.0	89.0	89.5	89.6	89.9	90.0	90.1	90.1
IV 800	46.6	75.8	79.3	82.8	86.0	86.8	88.2	89.3	89.7	90.8	91.4	91.5	91.8	91.9	92.0	92.0
IV 700	46.7	76.3	80.0	83.7	86.9	87.8	89.4	90.7	91.2	92.4	93.2	93.4	93.9	94.0	94.1	94.1
IV 600	46.7	76.5	80.3	84.0	87.4	88.5	90.4	92.0	92.6	93.9	94.7	94.8	95.3	95.4	95.5	95.6
IV 500	46.8	76.7	80.5	84.2	87.7	88.9	91.2	93.1	93.8	95.3	96.2	96.5	97.0	97.1	97.2	97.3
IV 400	46.8	76.7	80.5	84.2	87.8	89.0	91.3	93.4	94.3	96.1	97.3	97.6	98.1	98.1	98.3	98.4
IV 300	46.8	76.7	80.5	84.2	87.8	89.0	91.4	93.5	94.4	96.3	97.5	97.8	98.4	98.5	98.8	98.9
IV 200	46.8	76.7	80.5	84.2	87.9	89.1	91.5	93.6	94.5	96.4	97.8	98.1	98.7	98.8	99.2	99.3
IV 100	46.8	76.7	80.5	84.2	87.9	89.1	91.5	93.6	94.5	96.4	97.8	98.1	98.8	99.0	99.5	99.8
IV 0	46.8	76.7	80.5	84.2	87.9	89.1	91.5	93.6	94.5	96.4	97.8	98.1	98.8	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2150



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STAT ON

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	32.8	44.0	44.6	44.8	45.0	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 20000	39.8	53.8	54.5	54.7	55.0	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 18000	40.0	54.2	54.9	55.1	55.5	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 16000	40.5	54.7	55.4	55.7	56.0	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 14000	41.4	55.6	56.3	56.5	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 12000	42.5	57.0	57.7	57.9	58.3	58.3	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 10000	43.7	59.6	60.3	60.6	61.0	61.1	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5
IV 9000	44.1	60.4	61.1	61.5	61.9	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 8000	44.9	62.2	62.9	63.3	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 7000	45.5	63.4	64.1	64.5	65.0	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 6000	45.9	64.1	64.9	65.4	65.9	65.9	66.1	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4
IV 5000	46.2	64.8	65.7	66.2	66.8	66.8	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 4500	46.7	65.6	66.6	67.1	67.7	67.7	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 4000	47.3	66.5	67.6	68.2	68.8	68.8	69.2	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 3500	48.1	67.4	68.7	69.3	69.9	70.0	70.4	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 3000	49.2	69.0	70.3	71.1	71.8	71.8	72.2	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6
IV 2500	50.5	70.7	72.1	73.2	74.0	74.1	74.4	74.6	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0
IV 2000	52.4	74.2	75.7	76.9	77.7	77.9	78.2	78.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8
IV 1800	53.2	75.5	77.0	78.3	79.2	79.3	79.6	79.9	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3
IV 1500	54.4	78.4	80.2	81.6	82.7	82.9	83.3	83.5	83.7	83.9	84.0	84.1	84.1	84.1	84.1	84.1
IV 1200	54.9	80.2	82.4	84.0	85.3	85.6	86.2	86.5	86.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3
IV 1000	55.2	81.4	84.0	86.2	88.1	88.5	89.3	89.8	90.1	90.7	90.8	90.9	90.9	90.9	90.9	90.9
IV 900	55.2	81.7	84.3	86.9	89.0	89.5	90.4	91.0	91.3	91.9	92.0	92.1	92.1	92.1	92.2	92.2
IV 800	55.3	82.1	84.9	87.6	90.2	90.7	91.9	92.6	93.0	93.7	93.9	94.1	94.1	94.1	94.2	94.2
IV 700	55.3	82.3	85.1	88.1	91.0	91.7	93.0	93.7	94.1	95.1	95.4	95.6	95.7	95.7	95.9	95.9
IV 600	55.3	82.4	85.3	88.4	91.4	92.3	94.0	94.7	95.1	96.2	96.6	96.8	96.8	96.8	97.0	97.1
IV 500	55.4	82.5	85.3	88.5	91.6	92.6	94.3	95.3	95.9	97.3	97.6	97.9	97.9	97.9	98.1	98.2
IV 400	55.4	82.6	85.4	88.6	91.7	92.8	94.7	95.8	96.2	97.8	98.4	98.6	98.6	98.7	98.7	98.9
IV 300	55.4	82.6	85.5	88.6	91.7	92.8	94.8	95.9	96.3	98.0	98.6	98.9	99.0	99.0	99.4	99.4
IV 200	55.4	82.6	85.5	88.6	91.7	92.8	94.8	95.9	96.3	98.0	98.8	99.1	99.3	99.3	99.7	99.8
IV 100	55.4	82.6	85.5	88.6	91.7	92.8	94.8	95.9	96.3	98.0	98.8	99.1	99.3	99.3	99.7	99.9
IV 0	55.4	82.6	85.5	88.6	91.7	92.8	94.8	95.9	96.3	98.0	98.8	99.1	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2156



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME

YEAR

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING	34.0	44.7	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	42.0	55.2	55.5	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV V 18000	42.3	55.5	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV V 16000	42.9	56.1	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV V 14000	43.8	57.2	57.5	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV V 12000	44.8	58.5	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV V 10000	46.7	61.2	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV V 9000	47.1	61.7	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV V 8000	48.6	63.8	64.2	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV V 7000	49.3	65.1	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV V 6000	49.8	66.5	67.0	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV V 5000	50.7	68.2	68.8	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV V 4500	51.4	69.1	69.8	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV V 4000	52.2	70.2	71.1	71.7	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV V 3500	52.7	71.3	72.2	72.9	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV V 3000	53.6	72.8	73.9	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV V 2500	55.1	75.3	75.5	77.3	77.5	77.7	77.8	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0
IV V 2000	57.0	78.8	80.3	81.6	82.0	82.1	82.2	82.3	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6
IV V 1800	57.5	80.1	81.5	82.9	83.3	83.6	83.7	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1
IV V 1500	58.2	82.0	83.8	85.2	86.0	86.3	86.5	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1
IV V 1200	58.5	84.0	86.5	88.5	89.4	89.8	90.1	90.4	90.4	90.6	90.7	90.7	90.9	90.9	90.9	90.9
IV V 1000	58.5	84.5	87.2	89.6	90.7	91.1	91.7	92.0	92.0	92.4	92.7	92.7	92.8	92.8	92.8	92.8
IV V 900	58.6	84.7	87.4	90.1	91.5	92.1	92.8	93.1	93.2	93.7	94.0	94.0	94.1	94.1	94.1	94.1
IV V 800	58.6	84.7	87.7	90.7	92.2	92.9	93.7	94.1	94.2	94.7	95.3	95.3	95.4	95.4	95.4	95.4
IV V 700	58.6	84.8	87.9	90.9	92.7	93.5	94.6	95.1	95.2	95.8	96.4	96.4	96.5	96.6	96.7	96.7
IV V 600	58.6	84.8	87.9	91.1	93.1	94.0	95.4	96.0	96.0	96.8	97.5	97.5	97.7	97.8	97.8	97.9
IV V 500	58.7	85.0	88.1	91.3	93.3	94.2	95.8	96.6	96.7	97.5	98.2	98.2	98.4	98.5	98.5	98.6
IV V 400	58.7	85.0	88.1	91.3	93.3	94.3	96.0	97.0	97.1	98.0	98.6	98.7	98.8	98.9	99.0	99.0
IV V 300	58.7	85.0	88.1	91.3	93.4	94.4	96.1	97.1	97.2	98.2	99.0	99.1	99.5	99.6	99.8	99.8
IV V 200	58.7	85.0	88.1	91.3	93.4	94.4	96.1	97.1	97.2	98.2	99.1	99.2	99.6	99.7	99.9	99.9
IV V ∞	58.7	85.0	88.1	91.3	93.4	94.4	96.1	97.1	97.2	98.2	99.2	99.3	99.7	99.8	99.9	100.0
IV V U	58.7	85.0	88.1	91.3	93.4	94.4	96.1	97.1	97.2	98.2	99.2	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2150

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72  
STATION NAME

YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
NO CEILING	37.6	50.7	51.0	51.3	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	52.0
≥ 2000	42.4	58.2	58.4	58.8	59.0	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4
W V 18000	42.9	58.8	59.1	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1
W V 16000	43.1	59.0	59.3	59.6	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3
W V 14000	43.5	59.6	60.0	60.4	60.6	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.1
W V 12000	44.8	61.5	61.9	62.4	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
W V 10000	46.2	63.8	64.3	64.7	64.9	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
W V 9000	46.5	64.1	64.6	65.1	65.3	65.4	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
W V 8000	48.0	66.1	66.7	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
W V 7000	49.1	67.5	68.2	68.7	68.7	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3
W V 6000	49.5	68.4	69.1	69.6	69.8	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
W V 5000	50.3	69.8	70.5	71.4	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.1
W V 4500	50.8	70.8	71.5	72.4	72.7	72.8	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
W V 4000	51.4	72.1	72.9	73.9	74.2	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7
W V 3500	52.1	73.4	74.3	75.4	75.8	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
W V 3000	52.9	75.2	76.3	77.7	78.1	78.3	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
W V 2500	53.9	77.1	78.4	80.0	80.5	80.8	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
W V 2000	54.8	79.6	81.5	83.4	84.3	84.5	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
W V 1800	55.1	80.5	82.4	84.5	85.4	85.6	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3
W V 1500	55.4	82.2	84.6	87.1	88.1	88.3	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2
W V 1200	55.7	83.6	86.3	89.1	90.3	90.5	91.1	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
W V 1000	55.8	84.1	86.9	89.7	91.3	91.5	92.3	92.6	92.7	92.8	93.0	93.0	93.1	93.1	93.1	93.1
W V 900	55.8	84.5	87.4	90.2	92.1	92.6	93.5	93.9	93.9	94.1	94.4	94.4	94.5	94.5	94.5	94.5
W V 800	55.8	84.8	87.8	90.8	92.7	93.2	94.1	94.7	94.8	95.0	95.5	95.5	95.5	95.5	95.5	95.6
W V 700	55.8	84.9	88.0	91.1	93.3	93.9	94.9	95.5	95.6	95.9	96.4	96.4	96.5	96.5	96.5	96.5
W V 600	55.8	85.0	88.2	91.4	93.7	94.3	95.7	96.4	96.5	97.0	97.5	97.5	97.6	97.6	97.7	97.7
W V 500	55.8	85.0	88.2	91.4	93.9	94.5	96.0	96.8	96.9	97.4	98.0	98.0	98.1	98.2	98.3	98.3
W V 400	55.8	85.1	88.2	91.5	93.9	94.6	96.2	97.0	97.1	97.7	98.5	98.5	98.6	98.8	98.8	98.9
W V 300	55.9	85.1	88.3	91.6	94.1	94.8	96.3	97.2	97.3	97.9	98.8	98.8	98.9	99.2	99.3	99.3
W V 200	55.9	85.1	88.3	91.6	94.1	94.8	96.4	97.2	97.4	98.0	98.8	98.8	98.8	99.0	99.3	99.4
W V 100	55.9	85.1	88.3	91.6	94.1	94.8	96.4	97.2	97.4	98.0	98.9	98.9	98.9	99.0	99.4	99.7
W V 0	55.9	85.1	88.3	91.6	94.1	94.8	96.4	97.2	97.4	98.0	98.9	98.9	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2101

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72  
STATION NAME YEAR

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	36.6	53.8	54.4	55.0	55.0	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4
≥ 20000	40.4	59.3	60.1	60.7	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2
18000	40.8	59.8	60.7	61.3	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
16000	41.0	60.0	60.8	61.5	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9
14000	41.6	60.9	61.7	62.4	62.4	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8
12000	42.7	62.6	63.5	64.1	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
10000	43.7	64.4	65.3	66.1	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5
9000	44.0	65.0	66.1	66.9	67.0	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
8000	45.3	66.8	67.9	68.8	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
7000	46.7	68.9	70.1	71.0	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4
6000	47.4	69.9	71.1	72.1	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
5000	48.4	71.7	73.0	74.1	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7
4500	48.9	72.4	73.8	74.9	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
4000	49.4	73.4	74.9	76.2	76.4	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8
3500	49.8	74.7	76.3	77.6	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2
3000	50.1	76.0	77.7	79.1	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9
2500	51.0	77.6	79.4	80.9	81.3	81.3	81.5	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.8	81.8
2000	51.4	79.2	81.3	83.0	83.8	83.8	84.0	84.0	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4
1800	51.7	80.5	82.7	84.4	85.3	85.3	85.5	85.6	85.6	85.8	85.8	85.9	86.0	86.0	86.0	86.0
1500	51.8	81.9	84.4	86.5	87.6	87.7	87.9	88.0	88.0	88.3	88.3	88.4	88.4	88.4	88.5	88.5
1200	52.2	83.6	86.4	88.8	90.1	90.2	90.4	90.6	90.7	90.9	90.9	91.0	91.0	91.0	91.1	91.1
1000	52.3	84.4	87.5	90.0	91.8	91.9	92.2	92.5	92.5	92.8	92.9	93.0	93.0	93.0	93.1	93.1
900	52.5	84.8	88.0	90.5	92.4	92.5	92.8	93.1	93.2	93.5	93.6	93.9	93.9	93.9	94.0	94.0
800	52.5	85.1	88.5	91.0	93.2	93.3	93.7	94.0	94.0	94.5	94.6	94.9	95.0	95.0	95.1	95.1
700	52.5	85.2	88.7	91.3	93.7	93.8	94.3	94.6	94.7	95.4	95.6	95.9	96.0	96.0	96.1	96.1
600	52.5	85.2	88.9	91.6	94.1	94.3	95.0	95.5	95.6	96.4	96.7	97.0	97.1	97.1	97.2	97.2
500	52.5	85.3	89.0	91.7	94.4	94.6	95.5	96.2	96.4	97.3	97.6	98.0	98.1	98.2	98.3	98.3
400	52.5	85.4	89.1	91.9	94.5	94.8	95.7	96.5	96.8	97.8	98.1	98.5	98.7	98.9	99.0	99.0
300	52.5	85.4	89.1	91.9	94.6	94.8	95.8	96.6	96.9	97.9	98.3	98.7	99.0	99.1	99.2	99.2
200	52.5	85.4	89.1	91.9	94.6	94.8	95.8	96.6	96.9	97.9	98.3	98.7	99.0	99.1	99.2	99.3
100	52.5	85.4	89.1	91.9	94.6	94.8	95.8	96.6	96.9	97.9	98.3	98.7	99.1	99.2	99.4	99.5
0	52.5	85.4	89.1	91.9	94.6	94.8	95.8	96.6	96.9	97.9	98.3	98.7	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2107

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-65,67-71

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
MOI 0511 57

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	34.7	52.1	52.6	53.0	53.5	53.6	53.7	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.1
IV 20000	39.2	59.2	59.7	60.1	60.7	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.4
IV 18000	39.2	59.2	59.7	60.2	60.7	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.5
IV 16000	39.2	59.3	59.8	60.2	60.8	60.9	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.6
IV 14000	39.8	59.9	60.4	60.8	61.4	61.5	61.7	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.1
IV 12000	40.4	60.8	61.3	61.7	62.4	62.5	62.7	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.1
IV 10000	41.4	62.4	63.0	63.4	64.0	64.1	64.3	64.5	64.5	64.5	64.6	64.6	64.7	64.7	64.7	64.8
IV 9000	41.8	63.1	63.6	64.0	64.7	64.8	65.0	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.5
IV 8000	42.4	64.1	64.7	65.1	65.7	65.9	66.1	66.2	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.6
IV 7000	43.6	65.9	66.4	66.9	67.5	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.3
IV 6000	44.1	66.9	67.5	68.0	68.6	68.7	68.9	69.1	69.1	69.1	69.2	69.2	69.3	69.3	69.3	69.4
IV 5000	44.4	68.4	69.2	69.7	70.4	70.5	70.7	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.2
IV 4500	44.7	68.9	69.7	70.2	70.9	71.1	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.8
IV 4000	45.1	69.8	70.6	71.3	72.0	72.1	72.3	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.9
IV 3500	45.7	71.0	71.9	72.6	73.4	73.5	73.7	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.3
IV 3000	46.6	72.5	73.4	74.3	75.2	75.3	75.5	75.7	75.7	75.7	75.8	75.8	75.9	75.9	75.9	76.1
IV 2500	47.6	75.1	75.9	76.9	77.8	78.0	78.2	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.8
IV 2000	48.8	78.8	79.9	81.0	81.9	82.0	82.3	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.9
IV 1800	49.3	79.6	80.9	82.2	83.1	83.3	83.5	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.2
IV 1500	49.9	81.5	83.2	84.8	85.8	85.9	86.3	86.5	86.5	86.6	86.9	86.9	87.0	87.0	87.0	87.2
IV 1200	50.4	83.3	85.1	86.9	88.1	88.3	88.5	89.1	89.1	89.2	89.5	89.5	89.7	89.7	89.7	89.9
IV 1000	50.7	84.6	86.5	88.4	89.8	90.0	90.6	91.0	91.0	91.1	91.6	91.7	91.8	91.8	91.8	92.0
IV 900	50.7	84.7	86.7	88.7	90.2	90.3	91.0	91.4	91.5	91.6	92.2	92.2	92.4	92.5	92.5	92.6
IV 800	50.7	85.3	87.4	89.6	91.6	91.7	92.6	93.2	93.2	93.5	94.0	94.1	94.3	94.4	94.4	94.6
IV 700	50.7	85.7	87.7	90.0	92.0	92.2	93.3	93.9	94.0	94.2	94.9	94.9	95.2	95.3	95.3	95.5
IV 600	50.7	86.1	88.2	90.8	92.8	93.0	94.4	95.0	95.1	95.4	96.0	96.1	96.3	96.4	96.4	96.6
IV 500	50.7	86.3	88.4	91.2	93.4	93.5	95.1	95.7	95.8	96.4	97.1	97.2	97.5	97.5	97.6	97.7
IV 400	50.7	86.3	88.5	91.3	93.6	93.7	95.3	96.0	96.2	96.8	97.7	97.7	98.0	98.1	98.1	98.3
IV 300	50.7	86.3	88.5	91.3	93.6	93.8	95.4	96.1	96.3	97.0	97.9	97.9	98.3	98.4	98.4	98.6
IV 200	50.7	86.3	88.5	91.4	93.7	93.9	95.5	96.2	96.5	97.2	98.1	98.2	98.8	98.9	99.0	99.3
IV 100	50.7	86.3	88.5	91.4	93.7	93.9	95.7	96.4	96.6	97.4	98.3	98.4	99.1	99.2	99.3	99.7
IV 0	50.7	86.3	88.5	91.4	93.7	93.9	95.7	96.4	96.6	97.4	98.3	98.4	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 2133

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-65,67-71  
STATION NAME YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	32.4	49.3	50.6	51.1	52.1	52.1	52.4	52.4	52.4	52.7	52.7	52.7	52.8	52.8	52.8	52.9
IV 20000	36.0	55.1	56.6	57.3	58.3	58.3	58.8	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.3	59.5
IV 18000	36.2	55.3	56.8	57.5	58.6	58.6	59.1	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.6	59.8
IV 16000	36.2	55.4	56.9	57.6	58.6	58.7	59.2	59.2	59.2	59.5	59.5	59.5	59.6	59.6	59.6	59.8
IV 14000	36.6	55.9	57.4	58.1	59.2	59.2	59.7	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.2	60.4
IV 12000	37.1	57.0	58.5	59.3	60.3	60.4	60.9	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.6
IV 10000	38.2	58.8	60.3	61.3	62.4	62.5	63.0	63.0	63.0	63.2	63.2	63.2	63.3	63.3	63.4	63.6
IV 9000	38.6	59.5	61.0	62.0	63.1	63.2	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.3
IV 8000	39.3	60.8	62.3	63.4	64.6	64.6	65.1	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.8
IV 7000	40.3	62.0	63.7	64.6	65.8	65.9	66.4	66.4	66.4	66.7	66.7	66.7	66.8	66.8	66.8	67.0
IV 6000	40.9	63.0	64.7	65.7	67.0	67.0	67.6	67.6	67.6	67.9	67.9	67.9	68.0	68.0	68.0	68.3
IV 5000	41.4	64.9	66.9	68.0	69.2	69.3	69.9	69.9	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.6
IV 4500	41.8	65.5	67.5	68.7	69.9	70.0	70.6	70.6	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.3
IV 4000	42.2	66.2	68.2	69.4	70.8	70.8	71.5	71.6	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.2
IV 3500	42.6	66.9	69.0	70.3	71.6	71.7	72.4	72.4	72.4	72.7	72.7	72.7	72.8	72.8	72.9	73.1
IV 3000	43.4	68.7	70.9	72.4	73.9	74.0	74.7	74.7	74.7	75.0	75.0	75.0	75.1	75.1	75.2	75.4
IV 2500	44.6	71.2	73.5	75.0	76.6	76.7	77.4	77.5	77.5	77.7	77.8	77.8	77.9	77.9	77.9	78.2
IV 2000	45.7	74.2	76.9	78.4	80.2	80.3	81.1	81.2	81.2	81.5	81.6	81.6	81.7	81.7	81.7	82.0
IV 1800	46.2	75.3	78.3	79.8	81.6	81.7	82.6	82.7	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.5
IV 1500	47.0	77.6	80.9	82.7	84.7	84.8	85.8	85.9	85.9	86.1	86.3	86.3	86.4	86.4	86.5	86.7
IV 1200	47.6	80.0	83.5	85.4	87.5	87.5	88.5	88.7	88.7	89.0	89.2	89.2	89.4	89.4	89.5	89.7
IV 1000	47.7	80.5	84.2	86.2	88.4	88.5	89.6	89.9	89.9	90.3	90.6	90.6	90.9	90.9	91.0	91.2
IV 900	47.7	80.9	84.7	86.8	89.0	89.1	90.4	90.9	90.9	91.3	91.6	91.6	91.9	91.9	92.0	92.3
IV 800	47.7	81.6	85.4	87.7	90.2	90.3	91.7	92.2	92.3	92.6	93.0	93.0	93.4	93.4	93.4	93.7
IV 700	47.8	82.1	86.0	88.3	91.3	91.5	92.9	93.5	93.6	94.1	94.3	94.5	94.8	94.8	94.9	95.1
IV 600	47.8	82.5	86.4	89.0	91.9	92.0	93.7	94.4	94.5	95.2	95.6	95.6	96.0	96.0	96.1	96.3
IV 500	47.8	82.7	86.7	89.4	92.3	92.5	94.4	95.0	95.1	96.1	96.5	96.5	97.1	97.1	97.1	97.4
IV 400	47.8	82.8	86.8	89.6	92.6	92.8	94.9	95.6	95.7	96.7	97.1	97.1	97.8	97.8	97.8	98.1
IV 300	47.8	82.9	86.9	89.7	92.9	93.1	95.3	96.0	96.2	97.2	97.6	97.6	98.2	98.2	98.3	98.5
IV 200	47.8	82.9	86.9	89.7	92.9	93.1	95.3	96.0	96.2	97.4	97.9	97.9	98.8	98.8	98.9	99.3
IV 100	47.8	82.9	86.9	89.7	92.9	93.1	95.4	96.1	96.3	97.5	98.0	98.0	98.9	98.9	99.2	99.7
IV 0	47.8	82.9	86.9	89.7	92.9	93.1	95.5	96.2	96.3	97.6	98.0	98.0	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2136

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45,47-53,62-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	23.7	37.4	39.0	40.2	41.4	41.7	42.1	42.4	42.4	42.9	42.9	43.0	43.4	43.4	43.5	43.9
IV 20000	28.6	44.9	46.8	48.0	49.4	49.7	50.2	50.6	50.6	51.2	51.3	51.4	51.8	51.8	51.9	52.4
IV 18000	29.1	45.3	47.2	48.4	49.8	50.1	50.6	51.1	51.1	51.6	51.7	51.8	52.2	52.2	52.3	52.8
IV 16000	29.1	45.4	47.3	48.5	49.9	50.2	50.7	51.2	51.2	51.7	51.8	51.9	52.3	52.3	52.4	52.9
IV 14000	29.9	46.8	48.6	49.9	51.3	51.6	52.1	52.5	52.5	53.1	53.2	53.3	53.7	53.7	53.8	54.3
IV 12000	30.8	47.9	49.9	51.2	52.7	53.0	53.5	54.0	54.0	54.6	54.7	54.8	55.2	55.2	55.5	55.8
IV 10000	31.7	49.9	51.9	53.2	54.9	55.2	55.7	56.2	56.2	56.8	57.0	57.1	57.5	57.5	57.6	58.1
IV 9000	31.8	50.4	52.4	53.8	55.6	55.9	56.4	56.9	56.9	57.5	57.6	57.7	58.1	58.1	58.2	58.8
IV 8000	33.2	52.9	55.3	56.8	58.6	58.9	59.5	60.0	60.0	60.6	60.7	60.9	61.2	61.2	61.4	61.9
IV 7000	34.3	54.7	57.1	58.7	60.6	60.9	61.6	62.2	62.2	62.8	62.9	63.0	63.4	63.4	63.5	64.1
IV 6000	35.1	56.2	58.8	60.6	62.6	62.9	63.6	64.1	64.1	64.8	65.0	65.1	65.5	65.5	65.6	66.1
IV 5000	35.7	58.2	61.0	63.0	65.1	65.4	66.2	66.7	66.7	67.4	67.5	67.6	68.0	68.0	68.2	68.7
IV 4500	36.2	58.7	61.5	63.5	65.7	66.0	66.8	67.3	67.3	67.9	68.1	68.2	68.6	68.6	68.8	69.3
IV 4000	37.1	59.9	62.8	64.8	67.1	67.4	68.2	68.7	68.7	69.4	69.6	69.7	70.1	70.1	70.2	70.7
IV 3500	37.9	60.9	63.9	66.0	68.5	68.8	69.5	70.2	70.2	70.9	71.0	71.2	71.5	71.5	71.7	72.2
IV 3000	38.3	62.0	65.0	67.3	69.8	70.2	70.9	71.6	71.6	72.3	72.5	72.6	73.0	73.0	73.1	73.6
IV 2500	40.0	64.7	67.8	70.3	72.9	73.2	74.1	74.7	74.7	75.4	75.6	75.7	76.1	76.1	76.2	76.8
IV 2000	40.9	67.1	70.9	73.6	76.5	76.9	77.8	78.5	78.5	79.2	79.4	79.5	80.0	80.0	80.1	80.6
IV 1800	41.3	68.5	72.0	74.7	77.7	78.1	79.1	79.8	79.8	80.5	80.7	80.8	81.2	81.2	81.4	81.9
IV 1500	42.1	71.2	75.0	77.9	81.0	81.4	82.4	83.2	83.2	83.9	84.2	84.4	84.8	84.8	84.9	85.4
IV 1200	43.0	73.2	77.1	80.2	83.5	84.0	85.1	85.9	86.1	86.9	87.3	87.4	87.9	87.9	88.0	88.5
IV 1000	43.2	74.2	78.3	81.6	85.3	85.9	87.1	87.9	88.1	89.1	89.4	89.6	90.1	90.1	90.2	90.7
IV 900	43.3	74.5	78.7	82.1	85.9	86.6	87.9	88.8	89.1	90.0	90.5	90.6	91.1	91.1	91.2	91.8
IV 800	43.3	75.0	79.3	83.1	87.2	87.9	89.3	90.2	90.5	91.5	92.0	92.1	92.7	92.7	92.9	93.4
IV 700	43.3	75.4	79.9	83.9	88.2	88.9	90.3	91.3	91.6	92.8	93.2	93.4	94.1	94.2	94.3	94.8
IV 600	43.4	75.6	80.2	84.4	88.8	89.6	91.1	92.3	92.6	93.9	94.4	94.6	95.3	95.3	95.6	96.1
IV 500	43.4	75.9	80.6	84.8	89.3	90.1	91.6	92.9	93.2	94.7	95.3	95.5	96.3	96.3	96.6	97.1
IV 400	43.4	75.9	80.6	84.9	89.6	90.4	92.1	93.3	93.8	95.4	96.0	96.2	97.1	97.3	97.6	98.1
IV 300	43.4	75.9	80.6	85.0	89.7	90.5	92.2	93.5	94.0	95.7	96.3	96.6	97.5	97.6	97.9	98.5
IV 200	43.4	75.9	80.6	85.0	89.7	90.5	92.3	93.6	94.1	95.8	96.4	96.7	97.6	97.9	98.3	99.0
IV 100	43.4	75.9	80.6	85.0	89.7	90.5	92.3	93.6	94.1	95.9	96.6	96.8	97.9	98.2	98.6	99.7
IV 0	43.4	75.9	80.6	85.0	89.7	90.5	92.3	93.6	94.1	95.9	96.6	96.8	97.9	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2340

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	25.4	38.7	39.4	40.2	40.6	40.9	41.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.3
≥ 20000	32.3	48.4	49.3	50.1	50.7	51.0	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7
IV 18000	32.5	48.6	49.5	50.3	50.9	51.2	51.5	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 15000	32.7	48.8	49.7	50.5	51.1	51.4	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 14000	33.5	50.1	51.1	51.9	52.6	52.9	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
IV 12000	34.5	51.6	52.6	53.5	54.2	54.6	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3
IV 10000	35.5	53.9	55.0	55.9	56.7	57.0	57.4	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
IV 9000	36.0	54.4	55.5	56.5	57.2	57.6	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 8000	36.8	56.8	58.2	59.4	60.1	60.5	60.9	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
IV 7000	38.0	58.5	59.9	61.2	62.0	62.4	62.8	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 6000	38.0	59.9	61.5	62.8	63.6	64.0	64.4	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
IV 5000	39.1	61.2	63.0	64.4	65.4	65.7	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7
IV 4500	39.3	61.7	63.5	65.0	65.9	66.3	66.8	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3
IV 4000	40.1	63.1	65.0	66.5	67.7	68.1	68.7	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.3
IV 3500	40.9	64.7	66.7	68.2	69.4	69.8	70.4	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	71.0
IV 3000	42.5	67.1	69.1	70.7	71.9	72.4	73.0	73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6
IV 2500	44.4	70.3	72.4	74.1	75.3	75.7	76.4	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.1
IV 2000	45.9	73.8	76.0	77.8	79.1	79.6	80.2	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9
IV 1800	46.2	74.4	76.8	78.5	79.8	80.3	80.9	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.6
IV 1500	47.0	76.6	79.1	81.2	82.8	83.3	84.0	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.8
IV 1200	47.9	78.8	81.6	84.0	85.8	86.5	87.3	87.7	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.2
IV 1000	48.2	80.5	83.4	86.1	88.2	89.0	90.1	90.7	90.8	91.3	91.3	91.3	91.3	91.3	91.4	91.5
IV 900	48.4	81.5	84.4	87.2	89.4	90.3	91.5	92.2	92.2	92.7	92.8	92.8	92.8	92.8	92.9	92.9
IV 800	48.5	81.8	85.0	88.1	90.5	91.5	92.9	93.6	93.7	94.3	94.5	94.6	94.6	94.6	94.6	94.7
IV 700	48.5	82.3	85.6	88.7	91.3	92.4	93.8	94.7	94.8	95.3	95.7	95.7	95.7	95.8	95.8	95.9
IV 600	48.5	82.6	86.0	89.2	91.8	93.1	94.8	95.6	95.8	96.6	96.9	96.9	96.9	97.0	97.0	97.1
IV 500	48.5	82.8	86.2	89.5	92.2	93.5	95.4	96.5	96.7	97.8	98.2	98.2	98.3	98.3	98.4	98.5
IV 400	48.5	82.8	86.2	89.6	92.4	93.7	95.7	96.9	97.1	98.4	98.7	98.8	98.9	99.0	99.2	99.3
IV 300	48.5	82.9	86.3	89.6	92.4	93.8	95.7	97.0	97.2	98.5	98.9	99.0	99.4	99.4	99.6	99.7
IV 200	48.5	82.9	86.3	89.6	92.4	93.8	95.7	97.0	97.2	98.5	99.0	99.1	99.5	99.5	99.7	99.8
IV 100	48.5	82.9	86.3	89.6	92.4	93.8	95.7	97.0	97.2	98.5	99.0	99.1	99.6	99.6	99.8	100.0
IV 0	48.5	82.9	86.3	89.6	92.4	93.8	95.7	97.0	97.2	98.5	99.0	99.1	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2367



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-45,47-53,62-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.4	40.9	41.3	41.5	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 20000	38.1	51.5	52.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 18000	38.3	51.6	52.2	52.5	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 16000	38.5	52.0	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 14000	39.3	53.1	53.7	53.9	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 12000	40.1	54.3	55.0	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000	41.4	56.9	57.7	58.1	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 9000	41.8	57.6	58.4	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 8000	42.7	59.6	60.6	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
IV 7000	43.8	61.2	62.3	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 6000	44.3	62.5	63.6	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 5000	45.2	64.0	65.2	65.7	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 4500	45.8	64.8	65.9	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 4000	46.5	66.2	67.5	68.1	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 3500	48.1	68.3	69.6	70.2	70.8	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3000	50.6	71.7	73.2	73.9	74.6	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 2500	52.5	75.1	76.8	77.5	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 2000	54.7	79.5	81.3	82.3	83.1	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1800	55.3	80.6	82.5	83.6	84.4	84.4	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1500	56.2	83.2	85.2	86.5	87.4	87.4	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1200	56.8	85.3	87.7	89.3	90.3	90.4	90.7	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1000	57.1	86.5	89.2	91.0	92.3	92.5	92.9	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7
IV 900	57.2	86.8	89.6	91.5	92.9	93.3	93.7	94.0	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6
IV 800	57.5	87.3	90.2	92.2	93.7	94.0	94.7	95.1	95.3	95.5	95.7	95.7	95.8	95.8	95.8	95.8
IV 700	57.5	87.5	90.4	92.5	94.3	94.7	95.5	95.9	96.1	96.4	96.7	96.7	96.8	96.8	96.8	96.8
IV 600	57.5	87.6	90.5	92.7	94.6	95.0	95.9	96.3	96.5	96.8	97.2	97.2	97.3	97.3	97.3	97.3
IV 500	57.5	87.7	90.7	93.0	95.0	95.4	96.4	97.0	97.2	97.8	98.1	98.1	98.3	98.4	98.6	98.6
IV 400	57.5	87.7	90.7	93.0	95.0	95.5	96.6	97.2	97.4	98.2	98.5	98.6	98.8	98.9	99.1	99.1
IV 300	57.5	87.7	90.7	93.0	95.0	95.5	96.7	97.4	97.6	98.5	98.9	99.0	99.2	99.4	99.6	99.7
IV 200	57.5	87.7	90.7	93.0	95.0	95.5	96.7	97.4	97.6	98.6	99.0	99.0	99.3	99.5	99.7	99.9
IV 100	57.5	87.7	90.7	93.0	95.0	95.5	96.7	97.4	97.6	98.6	99.0	99.0	99.3	99.5	99.7	100.0
IV 0	57.5	87.7	90.7	93.0	95.0	95.5	96.7	97.4	97.6	98.6	99.0	99.1	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2366



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
MO 051571

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.7	40.0	40.5	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 20000	39.2	52.3	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 18000	39.3	52.4	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4
IV 16000	39.4	52.6	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5
IV 14000	40.0	53.3	53.8	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 12000	41.1	54.0	55.4	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 10000	42.2	57.0	57.6	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 9000	42.8	57.8	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9
IV 8000	44.1	60.0	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2
IV 7000	45.6	62.3	63.0	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 6000	46.6	64.1	64.8	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4
IV 5000	47.6	66.0	66.8	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 4500	48.0	67.0	67.8	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 4000	50.0	69.8	70.7	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 3500	51.1	71.6	72.6	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
IV 3000	53.3	75.3	76.4	76.9	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 2500	55.2	79.0	80.3	80.8	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
IV 2000	56.9	82.8	84.3	85.2	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
IV 1800	57.5	84.4	86.0	87.0	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1
IV 1500	57.8	85.7	87.4	88.6	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
IV 1200	58.4	87.4	89.3	90.7	91.6	92.0	92.2	92.3	92.3	92.4	92.4	92.6	92.6	92.8	92.8	92.8
IV 1000	58.6	88.5	90.6	92.1	93.2	93.6	93.9	94.0	94.0	94.2	94.5	94.5	94.7	94.7	94.7	94.7
IV 900	58.7	88.9	91.1	92.8	94.0	94.4	94.6	94.9	94.9	95.1	95.4	95.4	95.7	95.7	95.7	95.7
IV 800	58.8	89.3	91.5	93.2	94.5	94.9	95.2	95.6	95.6	95.6	96.0	96.4	96.4	96.7	96.7	96.7
IV 700	58.8	89.3	91.5	93.4	94.8	95.2	95.6	95.9	96.0	96.3	96.9	96.9	97.1	97.1	97.1	97.1
IV 600	58.8	89.3	91.6	93.5	95.0	95.4	95.9	96.3	96.3	96.9	97.3	97.3	97.5	97.5	97.5	97.5
IV 500	58.8	89.4	91.7	93.7	95.3	95.7	96.3	97.0	97.2	97.8	98.3	98.4	98.6	98.6	98.6	98.6
IV 400	58.8	89.4	91.7	93.7	95.3	95.7	96.4	97.0	97.3	98.0	98.6	98.6	99.1	99.1	99.2	99.2
IV 300	58.8	89.5	91.8	93.9	95.5	95.9	96.5	97.3	97.5	98.2	98.8	98.9	99.5	99.5	99.6	99.7
IV 200	58.8	89.5	91.8	93.9	95.5	95.9	96.5	97.3	97.5	98.2	98.9	98.9	99.6	99.7	99.7	99.8
IV 100	58.8	89.5	91.8	93.9	95.5	95.9	96.5	97.3	97.5	98.2	98.9	98.9	99.7	99.7	99.7	99.9
IV 0	58.8	89.5	91.8	93.9	95.5	95.9	96.5	97.3	97.5	98.3	98.9	99.0	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2365

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39. 5,67-53,62-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURLY ST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.9	49.9	50.5	50.6	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 20000	41.9	58.6	59.4	59.6	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 18000	42.0	58.6	59.5	59.6	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 16000	42.0	58.7	59.5	59.7	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
IV 14000	42.6	59.4	60.2	60.4	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 12000	44.2	61.5	62.3	62.5	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
IV 10000	45.0	63.2	64.0	64.2	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
IV 9000	45.5	63.8	64.7	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
IV 8000	46.7	65.8	66.8	67.0	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
IV 7000	47.5	67.5	68.4	68.6	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 6000	48.6	69.1	70.0	70.2	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 5000	49.9	71.5	72.6	72.7	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4500	50.2	72.6	73.6	73.8	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 4000	51.1	74.1	75.4	75.6	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	52.1	75.8	77.3	77.5	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	53.0	77.8	79.5	79.9	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
IV 2500	54.1	80.4	82.3	83.0	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
IV 2000	54.9	82.6	84.7	85.7	86.3	86.3	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
IV 1800	55.1	83.4	85.6	86.7	87.5	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	55.7	84.8	87.3	88.6	89.6	89.9	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6
IV 1200	56.0	86.0	88.8	90.3	91.6	91.9	92.4	92.6	92.6	92.8	93.0	93.0	93.0	93.0	93.0
IV 1000	56.2	87.1	90.0	91.6	93.2	93.5	94.1	94.3	94.3	94.8	95.0	95.0	95.2	95.2	95.2
IV 900	56.2	87.2	90.2	91.9	93.6	93.9	94.5	94.7	94.7	95.2	95.4	95.5	95.7	95.7	95.7
IV 800	56.2	87.4	90.3	92.2	93.8	94.1	94.7	95.0	95.1	95.6	95.8	95.9	96.1	96.1	96.1
IV 700	56.2	87.6	90.6	92.5	94.4	94.8	95.4	95.7	95.7	96.4	96.7	96.7	97.1	97.1	97.1
IV 600	56.2	87.7	90.8	92.8	94.7	95.1	95.8	96.1	96.1	96.8	97.2	97.3	97.6	97.6	97.6
IV 500	56.3	87.7	90.8	92.8	94.8	95.2	96.1	96.6	96.8	97.5	98.2	98.2	98.7	98.8	98.8
IV 400	56.3	87.8	90.9	92.9	94.8	95.3	96.2	96.7	96.8	97.6	98.3	98.4	99.0	99.0	99.3
IV 300	56.3	87.8	90.9	92.9	94.9	95.3	96.3	96.7	97.0	97.7	98.4	98.6	99.1	99.2	99.4
IV 200	56.3	87.8	90.9	92.9	94.9	95.3	96.3	96.7	97.0	97.7	98.4	98.6	99.3	99.3	99.5
IV 100	56.3	87.8	90.9	92.9	94.9	95.3	96.3	96.7	97.0	97.8	98.5	98.6	99.3	99.4	99.8
IV 0	56.3	87.8	90.9	92.9	94.9	95.3	96.3	96.7	97.0	97.9	98.6	98.7	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2307

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 STATION FURT LEAVENWORTH KANS/SHERMAN AAF 37,39-45,47-53,62-72 YEARS

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	½	≥ 5/16	¼	≥ 0
NO CEILING	38.3	55.6	56.1	56.5	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 20000	41.6	61.4	62.3	62.6	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 18000	41.7	61.5	62.4	62.8	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000	41.7	61.6	62.5	62.8	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	42.0	62.0	62.9	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 12000	42.5	62.0	63.7	64.1	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 10000	43.7	64.8	65.7	66.1	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 9000	44.3	65.7	66.7	67.0	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 8000	44.9	67.5	68.6	68.9	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 7000	46.1	69.2	70.2	70.6	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 6000	47.0	70.6	71.7	72.1	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 5000	47.9	72.5	73.5	74.0	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 4500	48.4	73.7	74.8	75.3	75.8	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 4000	49.0	74.5	75.8	76.3	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3500	49.7	76.0	77.4	77.9	78.4	78.4	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
IV 3000	50.3	77.6	79.0	79.6	80.2	80.2	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
IV 2500	51.4	79.9	81.4	82.1	82.7	82.7	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 2000	52.0	82.5	84.3	85.2	85.9	85.9	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
IV 1800	52.1	83.0	85.0	86.0	86.7	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1500	52.4	84.5	86.8	88.2	89.0	89.1	89.6	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1
IV 1200	52.9	85.8	88.4	90.0	90.9	90.9	91.6	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1
IV 1000	53.3	86.9	89.8	91.4	92.6	92.8	93.5	93.7	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1
IV 900	53.3	87.4	90.2	91.9	93.2	93.4	94.1	94.4	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8
IV 800	53.3	87.5	90.4	92.3	93.6	93.8	94.6	95.1	95.1	95.2	95.7	95.7	95.8	95.8	95.8	95.8
IV 700	53.3	87.7	90.6	92.7	94.2	94.5	95.4	95.8	95.9	96.1	96.6	96.6	96.7	96.7	96.7	96.7
IV 600	53.3	87.9	91.0	93.2	94.9	95.2	96.2	96.7	96.8	97.1	97.7	97.7	97.8	97.8	97.8	97.8
IV 500	53.3	88.0	91.1	93.4	95.1	95.4	96.4	96.9	97.1	97.4	98.3	98.4	98.6	98.6	98.6	98.6
IV 400	53.3	88.0	91.1	93.4	95.1	95.5	96.5	97.0	97.2	97.5	98.5	98.6	98.8	98.9	99.0	99.0
IV 300	53.3	88.0	91.2	93.4	95.2	95.5	96.7	97.1	97.3	97.7	98.7	98.8	99.1	99.1	99.2	99.2
IV 200	53.3	88.0	91.2	93.4	95.2	95.5	96.7	97.1	97.3	97.7	98.7	98.8	99.4	99.4	99.7	99.8
IV 100	53.3	88.0	91.2	93.4	95.2	95.5	96.7	97.2	97.4	97.8	98.8	98.9	99.4	99.5	99.8	99.9
IV 0	53.3	88.0	91.2	93.4	95.2	95.5	96.7	97.2	97.4	97.8	98.8	98.9	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (Z)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ 5/16	≥ .25	≥ 0	
NO CEILING	38.9	55.4	56.2	57.2	57.6	57.7	57.9	57.9	57.9	58.1	58.3	58.3	58.4	58.4	58.5	58.6
≥ 7000	42.1	60.5	61.4	62.5	62.9	63.0	63.2	63.2	63.3	63.5	63.6	63.6	63.7	63.7	63.9	64.0
≥ 18000	42.5	60.9	61.8	63.0	63.4	63.4	63.7	63.7	63.7	63.9	64.1	64.1	64.2	64.2	64.3	64.4
≥ 16000	42.7	61.3	62.2	63.3	63.7	63.8	64.1	64.1	64.1	64.3	64.5	64.5	64.6	64.6	64.7	64.8
≥ 14000	43.3	62.3	63.2	64.3	64.7	64.8	65.1	65.1	65.1	65.3	65.5	65.5	65.6	65.6	65.7	65.8
≥ 12000	44.7	63.9	64.8	66.0	66.4	66.4	66.7	66.7	66.7	66.9	67.1	67.1	67.2	67.2	67.3	67.4
≥ 10000	45.9	66.0	67.0	68.1	68.5	68.6	68.9	68.9	68.9	69.1	69.3	69.3	69.4	69.4	69.5	69.6
≥ 9000	46.1	66.8	67.9	69.0	69.4	69.5	69.8	69.8	69.8	70.0	70.2	70.2	70.3	70.3	70.4	70.5
≥ 8000	47.0	68.6	69.7	70.8	71.2	71.3	71.6	71.6	71.6	71.8	72.0	72.0	72.1	72.1	72.2	72.3
≥ 7000	48.0	70.2	71.4	72.6	73.0	73.1	73.4	73.4	73.4	73.6	73.8	73.8	73.9	73.9	74.0	74.1
≥ 6000	48.4	71.4	72.6	73.8	74.3	74.4	74.7	74.7	74.7	74.9	75.1	75.1	75.2	75.2	75.3	75.4
≥ 5000	49.9	74.7	76.0	77.4	77.9	77.9	78.3	78.3	78.3	78.5	78.7	78.7	78.8	78.8	78.9	79.0
≥ 4500	50.3	75.5	76.9	78.4	78.9	78.9	79.3	79.3	79.3	79.6	79.7	79.7	79.8	79.8	80.0	80.1
≥ 4000	51.0	76.9	78.3	79.8	80.3	80.4	80.7	80.7	80.8	81.0	81.2	81.2	81.3	81.3	81.4	81.5
≥ 3500	51.5	78.5	80.0	81.5	82.0	82.1	82.5	82.5	82.6	82.8	83.0	83.0	83.1	83.1	83.2	83.3
≥ 3000	52.6	80.5	82.3	83.9	84.4	84.5	84.9	84.9	85.0	85.2	85.4	85.4	85.5	85.5	85.6	85.7
≥ 2500	53.7	82.1	84.1	85.7	86.2	86.3	86.7	86.7	86.8	87.0	87.2	87.2	87.3	87.3	87.5	87.5
≥ 2000	54.4	84.1	86.1	87.7	88.3	88.4	88.9	88.9	89.0	89.2	89.4	89.4	89.5	89.5	89.6	89.7
≥ 1800	54.5	84.7	86.7	88.4	89.0	89.1	89.6	89.6	89.6	89.9	90.1	90.1	90.1	90.1	90.3	90.4
≥ 1500	55.3	86.6	88.6	90.3	90.9	91.1	91.5	91.5	91.6	91.8	92.0	92.0	92.1	92.1	92.2	92.3
≥ 1200	55.3	88.3	90.3	92.3	93.0	93.1	93.6	93.6	93.7	93.9	94.1	94.1	94.2	94.2	94.3	94.4
≥ 1000	55.4	89.3	91.7	93.6	94.4	94.5	95.2	95.2	95.3	95.5	95.7	95.7	95.8	95.8	95.9	96.0
≥ 800	55.4	89.8	92.2	94.2	94.9	95.1	95.7	95.7	95.8	96.0	96.2	96.2	96.3	96.3	96.4	96.5
≥ 600	55.4	90.4	93.0	95.1	96.0	96.2	96.9	96.9	97.0	97.2	97.4	97.4	97.5	97.5	97.6	97.7
≥ 500	55.4	90.5	93.3	95.6	96.6	96.8	97.5	97.6	97.7	97.9	98.1	98.1	98.2	98.2	98.3	98.4
≥ 400	55.4	90.6	93.6	96.0	97.1	97.3	98.1	98.2	98.3	98.5	98.7	98.7	98.8	98.8	98.9	99.0
≥ 300	55.4	90.6	93.7	96.1	97.3	97.5	98.6	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.5
≥ 200	55.4	90.6	93.8	96.3	97.5	97.8	98.9	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.6	99.7
≥ 100	55.4	90.6	93.8	96.3	97.5	97.8	98.9	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.7	99.8
≥ 0	55.4	90.6	93.8	96.3	97.5	97.8	98.9	98.9	99.0	99.3	99.5	99.5	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2192

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-71  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.7	50.2	51.1	52.1	52.6	52.8	53.2	53.2	53.2	53.3	53.5	53.6	53.9	54.0	54.1	54.8
≥ 20000	36.6	55.2	56.1	57.2	57.9	58.0	58.5	58.6	58.6	58.7	58.9	58.9	59.3	59.4	59.5	60.2
IV 18000	36.8	55.4	56.3	57.5	58.1	58.3	58.8	58.9	58.9	59.0	59.2	59.2	59.6	59.7	59.7	60.5
IV 16000	37.1	55.8	56.8	57.9	58.6	58.7	59.3	59.3	59.3	59.4	59.6	59.7	60.0	60.1	60.2	60.9
IV 14000	37.6	56.7	57.7	58.9	59.5	59.7	60.2	60.3	60.3	60.4	60.6	60.6	61.0	61.0	61.1	61.9
IV 12000	39.0	58.4	59.5	60.6	61.3	61.4	61.9	62.0	62.0	62.2	62.3	62.4	62.8	62.8	62.9	63.6
IV 10000	40.5	60.8	61.9	63.2	63.9	64.1	64.7	64.8	64.8	64.9	65.1	65.1	65.5	65.6	65.7	66.4
IV 9000	41.1	61.8	62.9	64.2	64.9	65.1	65.8	65.8	65.8	66.0	66.2	66.2	66.6	66.7	66.7	67.5
IV 8000	41.5	63.0	64.1	65.5	66.2	66.4	67.1	67.1	67.1	67.3	67.5	67.5	67.9	68.0	68.0	68.8
IV 7000	42.7	64.8	65.9	67.3	68.0	68.2	68.8	68.9	68.9	69.1	69.2	69.3	69.7	69.7	69.8	70.6
IV 6000	43.2	66.2	67.5	68.8	69.7	69.8	70.5	70.6	70.6	70.7	70.9	70.9	71.3	71.4	71.4	72.2
IV 5000	44.6	69.2	70.6	72.1	72.9	73.1	73.8	73.9	73.9	74.0	74.2	74.2	74.6	74.7	74.8	75.5
IV 4500	45.1	70.0	71.5	73.1	74.0	74.1	74.8	74.9	74.9	75.0	75.2	75.3	75.6	75.7	75.8	76.5
IV 4000	45.9	71.4	73.1	74.8	75.6	75.8	76.5	76.6	76.6	76.7	76.9	76.9	77.3	77.4	77.5	78.2
IV 3500	46.6	73.3	75.0	76.7	77.6	77.7	78.5	78.6	78.6	78.7	78.9	78.9	79.3	79.4	79.5	80.2
IV 3000	47.6	75.5	77.4	79.2	80.1	80.3	81.0	81.1	81.1	81.3	81.4	81.5	81.8	81.9	82.0	82.7
IV 2500	48.6	77.4	79.5	81.3	82.3	82.4	83.2	83.3	83.3	83.4	83.6	83.6	84.0	84.1	84.2	84.9
IV 2000	49.4	79.5	81.7	83.5	84.5	84.6	85.4	85.5	85.5	85.7	85.8	85.9	86.2	86.3	86.4	87.1
IV 1800	49.7	80.3	82.4	84.2	85.3	85.4	86.2	86.3	86.3	86.4	86.6	86.6	87.0	87.1	87.2	87.9
IV 1500	50.5	81.9	84.2	86.0	87.1	87.2	88.1	88.2	88.2	88.3	88.5	88.5	88.9	89.0	89.1	89.8
IV 1200	51.0	83.9	86.2	88.3	89.4	89.6	90.5	90.5	90.5	90.7	90.9	90.9	91.3	91.4	91.5	92.2
IV 1000	51.3	85.1	87.6	89.9	91.2	91.4	92.5	92.6	92.6	92.7	92.9	93.0	93.3	93.4	93.5	94.2
IV 900	51.4	85.7	88.3	90.6	92.0	92.2	93.3	93.5	93.5	93.6	93.8	93.9	94.2	94.3	94.4	95.1
IV 800	51.4	86.1	88.8	91.3	93.0	93.1	94.4	94.6	94.6	94.8	95.0	95.0	95.4	95.5	95.6	96.3
IV 700	51.4	86.4	89.2	91.9	93.6	93.8	95.1	95.2	95.2	95.5	95.7	95.7	96.1	96.1	96.2	97.0
IV 600	51.4	86.7	89.6	92.6	94.4	94.5	95.9	96.1	96.1	96.3	96.5	96.5	96.9	97.0	97.1	97.8
IV 500	51.4	86.8	89.7	93.1	95.0	95.2	96.8	97.0	97.0	97.2	97.5	97.5	97.9	98.0	98.1	98.8
IV 400	51.4	86.9	87.9	93.3	95.3	95.5	97.2	97.4	97.4	97.7	98.0	98.3	98.4	98.7	98.8	99.3
IV 300	51.4	87.0	90.0	93.5	95.5	95.7	97.5	97.7	97.7	97.7	98.0	98.3	98.4	98.7	98.8	99.6
IV 200	51.4	87.0	90.0	93.5	95.5	95.7	97.5	97.7	97.7	97.7	98.0	98.3	98.4	98.7	98.8	99.6
IV 100	51.4	87.0	90.0	93.5	95.5	95.7	97.5	97.7	97.7	97.7	98.0	98.3	98.4	98.7	98.8	99.7
IV 0	51.4	87.0	90.0	93.5	95.5	95.7	97.5	97.7	97.7	97.7	98.0	98.3	98.4	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
 HOURS/LSY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	25.4	39.7	40.9	41.6	42.3	42.3	42.6	42.9	43.0	43.1	43.3	43.3	43.5	43.7	43.8	44.2
IV 20000	30.7	48.1	49.5	50.5	51.2	51.3	51.6	51.9	52.0	52.2	52.3	52.3	52.6	52.7	52.8	53.3
IV 18000	30.8	48.2	49.6	50.6	51.3	51.4	51.7	52.0	52.0	52.3	52.4	52.4	52.6	52.8	52.9	53.4
IV 16000	31.0	48.5	50.0	50.9	51.7	51.8	52.0	52.4	52.4	52.6	52.8	52.8	53.0	53.1	53.3	53.7
IV 14000	31.8	49.4	50.9	51.9	52.6	52.7	53.0	53.3	53.4	53.6	53.7	53.7	53.9	54.1	54.2	54.7
IV 12000	33.4	51.5	52.9	53.9	54.7	54.7	55.0	55.3	55.4	55.6	55.8	55.8	56.0	56.1	56.3	56.7
IV 10000	34.8	53.8	55.3	56.4	57.2	57.2	57.5	57.9	57.9	58.1	58.3	58.3	58.5	58.6	58.8	59.2
IV 9000	35.3	54.6	56.3	57.4	58.2	58.2	58.5	58.8	58.9	59.1	59.3	59.3	59.5	59.6	59.8	60.2
IV 8000	36.4	56.6	58.5	59.8	60.6	60.6	61.0	61.3	61.4	61.6	61.7	61.7	62.0	62.1	62.3	62.7
IV 7000	38.0	59.3	61.2	62.5	63.3	63.4	63.7	64.1	64.1	64.3	64.5	64.5	64.7	64.8	65.0	65.4
IV 6000	38.9	61.1	63.2	64.5	65.5	65.5	65.9	66.2	66.3	66.5	66.6	66.6	66.8	67.0	67.1	67.6
IV 5000	40.2	63.5	65.8	67.3	68.2	68.3	68.7	69.0	69.0	69.3	69.4	69.4	69.6	69.8	69.9	70.4
IV 4500	40.6	64.3	66.6	68.2	69.2	69.3	69.6	70.0	70.0	70.2	70.4	70.4	70.6	70.7	70.9	71.3
IV 4000	41.4	65.8	68.2	69.8	70.9	71.0	71.4	71.7	71.8	72.0	72.2	72.2	72.4	72.5	72.7	73.1
IV 3500	42.0	67.2	69.5	71.4	72.5	72.6	73.1	73.5	73.5	73.7	73.9	73.9	74.1	74.2	74.4	74.8
IV 3000	43.9	69.9	72.3	74.3	75.5	75.6	76.0	76.5	76.5	76.7	76.9	76.9	77.1	77.2	77.4	77.8
IV 2500	45.1	72.1	74.8	77.0	78.2	78.4	78.8	79.2	79.3	79.5	79.7	79.7	79.9	80.0	80.2	80.6
IV 2000	46.3	75.1	77.9	80.3	81.6	81.7	82.3	82.7	82.8	83.0	83.2	83.2	83.4	83.6	83.7	84.1
IV 1800	46.8	76.2	79.1	81.4	82.7	82.9	83.5	84.0	84.0	84.2	84.4	84.4	84.6	84.8	84.9	85.4
IV 1500	47.5	77.9	80.9	83.4	84.8	85.0	85.6	86.2	86.3	86.6	86.8	86.8	87.0	87.1	87.3	87.7
IV 1200	48.0	79.7	82.8	85.4	86.9	87.2	87.8	88.3	88.4	88.7	88.9	88.9	89.2	89.3	89.5	89.9
IV 1000	48.5	81.7	85.0	87.8	90.0	90.3	91.0	91.6	91.7	92.1	92.3	92.3	92.5	92.7	92.8	93.3
IV 900	48.8	82.4	85.8	88.7	91.0	91.3	92.1	92.7	92.8	93.3	93.5	93.5	93.7	93.8	94.0	94.4
IV 800	48.9	82.7	86.3	89.5	91.9	92.3	93.2	93.8	93.9	94.3	94.6	94.6	94.8	94.9	95.1	95.5
IV 700	48.9	82.9	86.6	90.0	92.5	92.9	93.9	94.6	94.6	95.1	95.3	95.3	95.5	95.7	95.8	96.2
IV 600	48.9	83.3	87.1	90.6	93.3	93.7	94.9	95.6	95.7	96.2	96.4	96.4	96.6	96.7	96.9	97.3
IV 500	48.9	83.6	87.5	90.9	93.9	94.3	95.6	96.4	96.7	97.3	97.5	97.6	98.0	98.1	98.4	98.8
IV 400	48.9	83.6	87.5	91.0	94.0	94.4	95.7	96.8	97.0	97.6	97.9	98.0	98.4	98.5	98.7	99.2
IV 300	48.9	83.6	87.5	91.0	94.0	94.4	95.9	97.0	97.2	97.9	98.2	98.3	98.7	98.9	99.1	99.5
IV 200	48.9	83.6	87.5	91.0	94.0	94.4	95.9	97.0	97.2	97.9	98.2	98.3	98.7	98.9	99.1	99.5
IV 100	48.9	83.6	87.5	91.0	94.0	94.4	95.9	97.0	97.2	97.9	98.2	98.3	98.7	98.9	99.1	99.5
IV 0	48.9	83.6	87.5	91.0	94.0	94.4	95.9	97.0	97.2	97.9	98.2	98.3	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2371

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
LAWS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	29.8	41.7	42.0	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 20000	36.6	51.2	51.8	51.9	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 18000	36.8	51.6	52.2	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	37.1	52.0	52.5	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 14000	38.0	52.9	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 12000	39.7	55.0	55.5	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000	41.0	56.8	57.5	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 9000	41.1	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
IV 8000	42.6	59.8	60.8	61.0	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 7000	43.3	61.3	62.3	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 6000	44.1	62.5	63.6	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 5000	45.5	64.5	65.6	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 4500	46.5	65.9	67.1	67.4	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 4000	48.1	68.1	69.3	69.7	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 3500	49.1	69.6	70.8	71.2	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 3000	51.2	72.4	73.7	74.2	74.5	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 2500	53.3	75.4	76.7	77.2	77.6	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	55.4	79.3	80.7	81.4	81.8	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 1800	55.8	80.5	82.1	82.8	83.2	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1600	57.2	83.5	85.2	86.0	86.5	86.6	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1400	58.7	86.9	88.6	89.7	90.4	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200	59.3	89.1	91.1	92.5	93.6	93.9	94.2	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 1000	59.4	89.6	91.7	93.3	94.3	94.7	95.1	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	59.5	90.3	92.7	94.5	95.7	96.1	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	59.5	90.4	92.8	94.7	96.2	96.7	97.3	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	59.6	90.6	93.1	95.0	96.7	97.2	97.9	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 600	59.6	90.8	93.4	95.3	97.1	97.7	98.3	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5
IV 500	59.6	90.9	93.5	95.4	97.2	97.9	98.6	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7
IV 400	59.6	90.9	93.5	95.4	97.2	97.9	98.6	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7
IV 300	59.6	91.0	93.5	95.4	97.3	97.9	98.7	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8
IV 200	59.6	91.0	93.5	95.4	97.3	97.9	98.7	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0
IV 100	59.6	91.0	93.5	95.4	97.3	97.9	98.7	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0
IV 0	59.6	91.0	93.5	95.4	97.3	97.9	98.7	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2395



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1992  
STAT

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.4	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 20000	40.0	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 18000	40.2	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 16000	40.4	51.8	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 14000	41.4	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 12000	42.4	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 10000	44.0	56.5	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 9000	44.6	57.3	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 8000	46.2	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 7000	47.0	61.0	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 6000	48.0	62.7	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 5000	49.3	64.9	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 4500	50.1	65.8	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
IV 4000	52.2	69.2	69.9	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 3500	54.4	72.1	72.8	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
IV 3000	57.3	76.3	77.1	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
IV 2500	60.6	81.1	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000	62.8	84.8	85.7	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1800	63.1	85.7	86.7	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1500	64.8	89.3	90.5	91.1	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1200	65.2	90.9	92.3	92.9	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1000	65.7	92.3	93.8	95.0	95.6	95.9	96.2	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	65.7	92.3	94.1	95.2	96.0	96.4	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	65.9	93.0	94.7	96.0	97.0	97.5	98.0	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	65.9	93.1	94.8	96.2	97.3	97.8	98.3	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	65.9	93.2	95.0	96.3	97.5	98.0	98.5	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	66.0	93.5	95.3	96.7	97.9	98.5	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	66.0	93.5	95.4	96.7	97.9	98.6	99.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	66.0	93.5	95.4	96.7	97.9	98.6	99.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	66.0	93.5	95.4	96.7	97.9	98.6	99.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	66.0	93.5	95.4	96.7	97.9	98.6	99.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	66.0	93.5	95.4	96.7	97.9	98.6	99.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2398



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.6	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 20000	42.0	53.6	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 18000	42.2	53.8	53.8	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
IV 16000	42.3	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 14000	42.8	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 12000	44.1	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 10000	45.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 9000	46.5	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 8000	48.0	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 7000	48.9	63.5	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
IV 6000	50.4	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	66.1
IV 5000	52.8	69.5	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4500	53.3	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4000	55.1	73.7	74.0	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
IV 3500	57.5	77.0	77.4	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 3000	60.9	81.7	82.2	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2500	63.5	85.8	86.4	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2000	64.8	88.4	89.2	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1800	65.2	89.3	90.1	90.7	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1500	65.6	90.9	91.8	92.5	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	65.9	91.9	92.9	93.9	94.5	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	66.0	92.8	93.9	94.9	95.8	96.0	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	66.1	93.3	94.5	95.7	96.5	96.7	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 800	66.1	93.7	94.9	96.2	97.2	97.3	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	66.1	93.7	95.1	96.4	97.3	97.5	98.2	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 600	66.1	93.7	95.2	96.5	97.4	97.6	98.2	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.2
IV 500	66.2	93.9	95.4	96.7	97.7	98.1	98.8	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 400	66.2	93.9	95.4	96.7	97.7	98.2	98.9	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 300	66.2	93.9	95.4	96.7	97.7	98.2	98.9	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 200	66.2	93.9	95.4	96.7	97.7	98.2	98.9	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 100	66.2	93.9	95.4	96.7	97.7	98.2	98.9	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	66.2	93.9	95.4	96.7	97.7	98.2	98.9	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2396

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	36.1	47.9	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	
IV 20000	45.8	60.3	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
IV 18000	46.0	60.5	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
IV 16000	46.3	60.7	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
IV 14000	46.8	61.5	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
IV 12000	48.2	63.2	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	
IV 10000	49.7	65.7	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
IV 9000	50.2	66.4	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
IV 8000	51.4	68.3	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
IV 7000	52.3	69.7	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
IV 6000	53.4	71.7	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
IV 5000	54.8	74.4	74.9	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
IV 4500	55.5	75.7	76.2	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
IV 4000	56.9	78.6	79.3	79.6	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
IV 3500	58.3	81.0	81.7	82.0	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
IV 3000	59.6	83.3	84.3	84.6	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	
IV 2500	61.1	86.3	87.5	87.9	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	
IV 2000	61.8	87.7	89.2	89.6	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
IV 1800	62.1	88.3	89.8	90.3	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	
IV 1500	62.3	89.7	91.4	92.1	92.8	92.8	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	
IV 1200	62.5	90.9	92.8	93.7	94.5	94.6	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	
IV 1000	62.5	91.4	93.5	94.5	95.4	95.5	95.9	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	
IV 900	62.6	91.7	94.0	95.0	95.9	96.0	96.6	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	
IV 800	62.6	92.0	94.5	95.6	96.6	96.7	97.3	97.5	97.5	97.7	97.8	97.8	97.9	97.9	97.9	
IV 700	62.6	92.1	94.7	95.7	96.7	96.9	97.7	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.3	
IV 600	62.7	92.3	94.9	96.1	97.2	97.3	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	
IV 500	62.8	92.5	95.1	96.2	97.4	97.7	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.7	
IV 400	62.8	92.5	95.1	96.2	97.4	97.7	98.7	99.0	99.0	99.4	99.6	99.6	99.8	99.8	99.8	
IV 300	62.8	92.5	95.1	96.2	97.4	97.7	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	
IV 200	62.8	92.5	95.1	96.2	97.4	97.7	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	
IV 100	62.8	92.5	95.1	96.2	97.4	97.7	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	
IV 0	62.8	92.5	95.1	96.2	97.4	97.7	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 2363

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.3	56.2	56.6	56.9	57.0	57.0	57.0	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 20000	44.4	63.0	63.5	63.9	63.9	63.9	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 18000	44.8	63.3	63.9	64.2	64.3	64.3	64.3	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 16000	44.9	63.6	64.2	64.5	64.6	64.6	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 14000	45.6	64.7	65.2	65.6	65.7	65.7	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 12000	46.2	65.7	66.3	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1
IV 10000	47.5	68.0	68.5	68.9	69.1	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 9000	48.0	69.1	69.7	70.1	70.2	70.2	70.2	70.3	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6
IV 8000	49.0	70.7	71.4	71.9	72.1	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 7000	50.0	72.2	73.0	73.5	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1
IV 6000	51.0	74.6	75.3	75.8	76.0	76.0	76.0	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 5000	52.1	76.8	77.9	78.3	78.5	78.5	78.5	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 4500	52.7	78.4	79.4	79.9	80.2	80.2	80.2	80.3	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6
IV 4000	53.3	79.8	81.0	81.7	81.9	81.9	82.0	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4
IV 3500	54.1	81.5	82.8	83.5	83.7	83.7	83.8	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3
IV 3000	54.9	83.2	84.7	85.4	85.7	85.7	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2500	55.5	85.1	86.8	87.6	87.9	87.9	88.1	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6
IV 2000	56.2	86.7	88.5	89.3	89.8	89.8	90.0	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5
IV 1800	56.4	87.5	89.3	90.2	90.7	90.7	91.0	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1500	56.7	89.0	91.2	92.1	92.8	92.8	93.0	93.2	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5
IV 1200	56.8	90.2	92.6	93.6	94.3	94.3	94.5	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1000	56.9	91.0	93.6	94.7	95.5	95.5	95.8	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3
IV 900	56.9	91.3	94.0	95.1	96.0	96.0	96.5	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0
IV 800	57.0	91.5	94.4	95.7	96.5	96.6	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	57.0	91.7	94.8	96.2	97.0	97.1	97.7	97.9	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3
IV 600	57.0	91.8	95.0	96.5	97.4	97.5	98.3	98.5	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9
IV 500	57.0	91.9	95.1	96.6	97.6	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	57.0	91.9	95.1	96.7	97.8	98.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	57.0	91.9	95.1	96.7	97.8	98.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	57.0	91.9	95.1	96.7	97.8	98.0	98.9	99.3	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 100	57.0	91.9	95.1	96.7	97.8	98.0	98.9	99.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0
IV 0	57.0	91.9	95.1	96.7	97.8	98.0	98.9	99.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2288

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.0	54.5	55.6	56.3	56.9	56.9	57.2	57.4	57.6	57.9	58.2	58.3	58.5	58.6	58.8	59.3
IV 20000	42.3	61.1	62.4	63.1	63.8	63.8	64.1	64.3	64.5	64.8	65.1	65.1	65.3	65.5	65.8	66.3
IV 18000	42.5	61.4	62.7	63.4	64.0	64.0	64.3	64.6	64.7	65.1	65.3	65.4	65.8	65.8	66.1	66.6
IV 16000	42.6	61.5	62.9	63.6	64.2	64.2	64.5	64.7	64.9	65.3	65.5	65.6	65.9	66.0	66.3	66.7
IV 14000	43.0	62.5	63.9	64.6	65.3	65.3	65.6	65.9	66.0	66.4	66.6	66.7	67.1	67.1	67.4	67.9
IV 12000	44.3	64.1	65.5	66.3	67.0	67.0	67.3	67.5	67.7	68.0	68.3	68.3	68.7	68.7	69.0	69.5
IV 10000	46.0	66.8	68.3	69.0	69.8	69.8	70.2	70.4	70.6	71.0	71.2	71.3	71.6	71.7	71.9	72.4
IV 9000	46.8	68.1	69.6	70.4	71.2	71.2	71.6	71.8	72.0	72.3	72.6	72.6	73.0	73.0	73.3	73.8
IV 8000	47.6	69.5	71.0	71.9	72.7	72.7	73.2	73.4	73.6	74.0	74.2	74.4	74.7	74.8	75.0	75.5
IV 7000	49.0	71.3	72.7	73.7	74.5	74.5	75.0	75.2	75.4	75.8	76.0	76.2	76.5	76.6	76.8	77.3
IV 6000	49.6	73.2	74.8	75.9	76.6	76.8	77.3	77.5	77.7	78.0	78.2	78.4	78.8	78.8	79.1	79.6
IV 5000	50.7	75.4	77.0	78.2	79.0	79.1	79.7	79.9	80.1	80.5	80.7	80.9	81.2	81.3	81.5	82.0
IV 4500	51.2	76.7	78.4	79.6	80.5	80.6	81.1	81.3	81.5	81.9	82.1	82.3	82.7	82.7	83.0	83.5
IV 4000	51.8	78.1	79.8	81.2	82.1	82.2	82.7	82.9	83.1	83.5	83.7	83.9	84.3	84.3	84.6	85.1
IV 3500	52.3	79.4	81.4	82.9	83.7	83.9	84.4	84.6	84.8	85.2	85.4	85.6	86.0	86.0	86.3	86.8
IV 3000	53.0	80.9	82.9	84.5	85.4	85.6	86.1	86.4	86.5	86.9	87.2	87.3	87.7	87.7	88.0	88.5
IV 2500	53.5	82.6	84.8	86.4	87.3	87.4	88.1	88.3	88.5	88.9	89.1	89.3	89.7	89.7	90.0	90.5
IV 2000	54.1	84.1	86.3	88.1	89.2	89.3	89.9	90.1	90.3	90.7	91.0	91.2	91.5	91.6	91.8	92.3
IV 1800	54.3	84.6	86.9	88.7	89.7	89.9	90.5	90.8	90.9	91.3	91.6	91.8	92.1	92.2	92.5	92.9
IV 1500	54.3	85.3	87.6	89.5	90.5	90.7	91.3	91.6	91.7	92.1	92.4	92.6	92.9	93.0	93.3	93.7
IV 1200	54.6	86.2	88.6	90.5	91.6	91.7	92.4	92.7	92.9	93.3	93.5	93.7	94.0	94.1	94.4	94.8
IV 1000	54.9	87.3	89.9	92.1	93.1	93.3	93.9	94.2	94.4	94.8	95.0	95.2	95.6	95.6	95.9	96.4
IV 900	54.9	87.7	90.3	92.5	93.6	93.7	94.4	94.7	94.8	95.2	95.5	95.7	96.0	96.1	96.4	96.8
IV 800	54.9	87.9	90.6	93.0	94.1	94.3	94.9	95.2	95.4	95.9	96.2	96.4	96.7	96.8	97.0	97.5
IV 700	54.9	88.4	91.2	93.6	94.9	95.1	95.8	96.1	96.3	96.8	97.2	97.3	97.7	97.7	98.0	98.5
IV 600	54.9	88.9	91.7	94.1	95.5	95.7	96.4	96.8	96.9	97.5	97.8	98.0	98.3	98.4	98.6	99.1
IV 500	54.9	89.0	91.9	94.3	95.7	96.0	96.8	97.2	97.3	97.9	98.2	98.4	98.7	98.8	99.0	99.5
IV 400	54.9	89.0	91.9	94.3	95.7	96.0	96.8	97.2	97.3	97.9	98.2	98.4	98.7	98.8	99.0	99.5
IV 300	54.9	89.1	92.0	94.4	95.8	96.0	96.8	97.2	97.4	98.0	98.4	98.5	98.9	98.9	99.2	99.7
IV 200	54.9	89.1	92.0	94.4	95.8	96.0	96.8	97.2	97.4	98.0	98.4	98.5	98.9	98.9	99.2	99.7
IV 100	54.9	89.1	92.0	94.4	95.8	96.0	96.8	97.2	97.4	98.0	98.4	98.5	98.9	98.9	99.2	99.8
IV 0	54.9	89.1	92.0	94.4	95.8	96.0	96.8	97.2	97.4	98.0	98.4	98.5	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2252

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STAT ON

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53-62-71  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.3	44.0	45.6	46.0	47.7	47.8	48.6	48.9	48.9	49.7	49.9	50.0	50.6	50.7	51.3	52.3
IV 20000	34.5	50.8	52.8	53.2	54.9	55.1	55.9	56.2	56.2	57.0	57.2	57.3	58.2	58.2	58.9	60.1
IV 18000	34.6	50.9	52.9	53.5	55.1	55.3	56.1	56.4	56.4	57.2	57.4	57.6	58.4	58.5	59.2	60.3
IV 16000	34.7	51.0	53.1	53.6	55.3	55.4	56.3	56.6	56.6	57.3	57.6	57.7	58.6	58.7	59.4	60.5
IV 14000	34.9	51.6	53.7	54.3	55.9	56.1	57.0	57.3	57.3	58.1	58.3	58.5	59.3	59.4	60.1	61.3
IV 12000	35.6	52.5	54.6	55.3	57.0	57.2	58.1	58.4	58.4	59.2	59.4	59.5	60.4	60.5	61.2	62.3
IV 10000	37.4	54.9	57.1	57.9	59.6	59.8	60.7	61.0	61.0	61.7	62.0	62.1	63.1	63.2	63.9	65.0
IV 9000	38.4	56.6	58.8	59.6	61.4	61.5	62.5	62.7	62.7	63.5	63.8	63.9	64.9	64.9	65.7	66.8
IV 8000	39.8	59.4	61.7	62.5	64.3	64.5	65.5	65.8	65.8	66.5	66.8	66.9	67.9	68.0	68.7	69.9
IV 7000	40.9	61.6	63.9	64.7	66.6	66.8	67.8	68.1	68.1	68.9	69.2	69.3	70.3	70.3	71.1	72.2
IV 6000	41.8	63.5	65.9	66.9	68.7	69.0	70.1	70.4	70.4	71.2	71.5	71.6	72.5	72.6	73.4	74.6
IV 5000	42.7	65.6	68.1	69.2	71.1	71.3	72.5	72.8	72.8	73.6	73.9	74.0	75.0	75.0	75.8	77.0
IV 4500	43.1	66.4	69.0	70.1	71.9	72.2	73.4	73.7	73.7	74.5	74.8	74.9	75.9	75.9	76.7	77.9
IV 4000	44.3	68.2	70.9	72.2	74.1	74.4	75.5	75.8	75.8	76.6	76.9	77.0	78.0	78.1	78.8	80.0
IV 3500	45.0	69.6	72.4	73.8	75.7	76.0	77.2	77.5	77.5	78.3	78.6	78.7	79.7	79.7	80.5	81.7
IV 3000	45.8	71.5	74.7	76.2	78.1	78.4	79.6	79.9	79.9	80.7	81.0	81.1	82.1	82.2	82.9	84.1
IV 2500	46.5	73.9	77.2	78.8	80.7	81.0	82.2	82.6	82.6	83.4	83.7	83.8	84.8	84.8	85.6	86.8
IV 2000	47.5	75.9	79.4	80.9	82.9	83.2	84.4	84.8	84.8	85.6	85.9	86.0	87.0	87.0	87.8	89.0
IV 1800	47.9	76.6	80.1	81.6	83.6	83.9	85.1	85.6	85.6	86.4	86.7	86.8	87.7	87.8	88.6	89.8
IV 1500	48.3	78.2	82.0	83.6	85.7	86.0	87.2	87.7	87.7	88.5	88.8	88.9	89.9	89.9	90.7	91.9
IV 1200	48.7	79.3	83.2	84.9	87.0	87.3	88.6	89.1	89.1	89.9	90.2	90.3	91.3	91.4	92.1	93.3
IV 1000	48.9	80.4	84.6	86.6	88.8	89.1	90.5	90.9	90.9	91.8	92.1	92.2	93.2	93.3	94.0	95.2
IV 900	49.0	80.6	85.0	87.0	89.3	89.7	91.0	91.5	91.5	92.4	92.7	92.8	93.8	93.9	94.7	95.9
IV 800	49.1	81.1	85.4	87.6	90.0	90.4	91.8	92.3	92.3	93.2	93.5	93.7	94.6	94.7	95.5	96.7
IV 700	49.1	81.7	86.2	88.5	91.0	91.5	93.0	93.5	93.6	94.4	94.7	94.9	95.9	96.0	96.8	97.9
IV 600	49.1	82.0	86.6	89.1	91.7	92.1	93.7	94.2	94.3	95.1	95.4	95.6	96.6	96.7	97.5	98.6
IV 500	49.1	82.0	86.6	89.1	91.8	92.2	93.8	94.3	94.4	95.4	95.8	95.9	96.9	97.1	97.9	99.1
IV 400	49.1	82.0	86.7	89.2	91.8	92.3	93.8	94.4	94.4	95.4	95.8	96.0	97.0	97.2	98.0	99.1
IV 300	49.1	82.0	86.7	89.2	91.8	92.3	93.8	94.4	94.5	95.5	95.9	96.0	97.1	97.2	98.0	99.2
IV 200	49.1	82.0	86.7	89.2	91.8	92.3	93.8	94.4	94.5	95.5	95.9	96.0	97.2	97.4	98.2	99.5
IV 100	49.1	82.0	86.7	89.2	91.8	92.3	93.8	94.4	94.5	95.5	95.9	96.1	97.2	97.4	98.2	99.6
IV 0	49.1	82.0	86.7	89.2	91.8	92.3	93.8	94.4	94.5	95.6	96.0	96.2	97.4	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.6	42.7	43.8	44.5	45.3	45.5	46.0	46.1	46.1	46.3	46.5	46.5	46.7	46.8	47.1	48.0
IV 20000	35.7	51.8	53.2	54.0	54.9	55.1	55.7	55.8	55.9	56.1	56.3	56.3	56.6	56.7	57.0	57.8
IV 18000	35.8	51.8	53.3	54.1	54.9	55.2	55.8	55.9	56.0	56.2	56.4	56.4	56.7	56.8	57.1	58.0
IV 16000	35.8	51.9	53.3	54.2	55.1	55.3	55.9	56.0	56.1	56.3	56.6	56.6	56.8	56.9	57.3	58.1
IV 14000	36.2	52.4	54.0	54.8	55.7	56.0	56.5	56.7	56.8	57.0	57.3	57.3	57.5	57.6	58.0	58.8
IV 12000	37.3	54.2	55.8	56.6	57.5	57.7	58.3	58.5	58.6	58.8	59.1	59.1	59.3	59.4	59.7	60.6
IV 10000	38.8	56.7	58.4	59.4	60.3	60.6	61.2	61.4	61.4	61.6	61.9	61.9	62.2	62.3	62.6	63.5
IV 9000	39.6	57.7	59.5	60.5	61.4	61.7	62.3	62.5	62.5	62.7	63.0	63.0	63.3	63.4	63.7	64.6
IV 8000	41.4	60.9	62.9	64.0	65.0	65.2	65.8	66.0	66.1	66.3	66.6	66.6	66.8	67.0	67.3	68.1
IV 7000	42.9	63.3	65.3	66.4	67.4	67.7	68.3	68.5	68.5	68.7	69.0	69.0	69.3	69.4	69.7	70.6
IV 6000	44.4	65.9	68.0	69.1	70.1	70.4	71.0	71.2	71.2	71.5	71.7	71.7	72.0	72.1	72.5	73.3
IV 5000	45.8	68.0	70.2	71.3	72.4	72.6	73.3	73.5	73.5	73.7	74.0	74.0	74.3	74.4	74.8	75.6
IV 4500	46.1	68.7	70.9	72.0	73.1	73.3	74.0	74.2	74.2	74.4	74.7	74.7	75.0	75.1	75.4	76.3
IV 4000	47.7	71.2	73.4	74.6	75.8	76.0	76.7	76.9	76.9	77.1	77.4	77.4	77.7	77.8	78.1	79.0
IV 3500	48.2	72.4	74.7	76.0	77.2	77.4	78.1	78.3	78.3	78.5	78.8	78.8	79.1	79.2	79.5	80.3
IV 3000	49.2	74.5	77.0	78.5	79.6	79.9	80.5	80.7	80.8	81.0	81.2	81.2	81.5	81.6	82.0	82.8
IV 2500	50.0	76.3	78.9	80.4	81.6	81.8	82.5	82.7	82.7	83.0	83.2	83.2	83.5	83.6	84.0	84.8
IV 2000	51.3	78.8	81.5	83.2	84.4	84.6	85.3	85.5	85.6	85.8	86.1	86.1	86.3	86.5	86.8	87.6
IV 1800	51.6	79.5	82.3	84.0	85.2	85.4	86.1	86.3	86.4	86.6	86.9	86.9	87.2	87.3	87.6	88.4
IV 1500	52.4	81.4	84.4	86.1	87.4	87.6	88.3	88.6	88.6	88.9	89.2	89.2	89.4	89.6	89.9	90.7
IV 1200	53.3	83.0	86.1	87.9	89.3	89.6	90.3	90.5	90.5	90.8	91.1	91.1	91.4	91.5	91.8	92.6
IV 1000	53.5	83.7	87.1	89.2	90.8	91.1	91.8	92.0	92.1	92.4	92.7	92.7	93.0	93.1	93.4	94.2
IV 900	53.5	84.1	87.6	89.6	91.5	91.8	92.6	92.8	92.9	93.2	93.5	93.5	93.8	93.9	94.2	95.0
IV 800	53.6	84.7	88.6	90.7	92.7	93.1	93.8	94.2	94.2	94.5	94.8	94.8	95.1	95.3	95.6	96.4
IV 700	53.6	85.2	89.3	91.5	93.6	94.0	94.8	95.2	95.3	95.6	95.9	95.9	96.2	96.3	96.7	97.5
IV 600	53.6	85.4	89.6	91.9	94.3	94.7	95.7	96.1	96.3	96.7	97.0	97.0	97.3	97.4	97.8	98.6
IV 500	53.6	85.4	89.6	92.1	94.5	94.9	96.0	96.5	96.7	97.1	97.4	97.4	97.8	97.9	98.2	99.1
IV 400	53.6	85.5	89.7	92.1	94.6	95.0	96.1	96.5	96.7	97.2	97.5	97.5	98.0	98.1	98.5	99.3
IV 300	53.6	85.5	89.7	92.1	94.6	95.0	96.1	96.6	96.8	97.2	97.6	97.6	98.1	98.2	98.5	99.5
IV 200	53.6	85.5	89.7	92.1	94.6	95.0	96.1	96.6	96.8	97.3	97.6	97.6	98.1	98.2	98.6	99.7
IV 100	53.6	85.5	89.7	92.1	94.6	95.0	96.1	96.6	96.8	97.3	97.6	97.6	98.1	98.2	98.6	99.8
IV 0	53.6	85.5	89.7	92.1	94.6	95.0	96.1	96.6	96.8	97.3	97.6	97.6	98.2	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2452



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	35.4	47.0	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 20000	42.8	57.1	57.5	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 18000	43.1	57.3	57.8	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 16000	43.1	57.4	57.9	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 14000	43.8	58.3	58.7	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
IV 12000	45.1	60.2	60.7	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 10000	46.1	62.2	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 9000	47.0	63.2	63.8	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 8000	48.8	66.4	67.1	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 7000	50.5	68.7	69.5	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 6000	51.6	71.2	72.0	72.2	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5000	52.9	73.2	74.1	74.3	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4500	53.4	74.1	75.1	75.3	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4000	54.5	76.0	77.1	77.3	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 3500	55.5	77.5	78.7	78.9	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 3000	56.9	79.9	81.2	81.4	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 2500	58.8	83.2	84.5	84.8	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	61.0	86.7	88.1	88.5	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	61.2	87.4	88.9	89.3	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	62.1	89.9	91.5	92.0	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1200	62.7	91.4	93.2	94.0	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	62.8	92.2	94.2	95.1	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 900	62.8	92.5	94.7	95.8	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	62.9	93.1	95.4	96.7	97.5	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0
IV 700	63.0	93.4	95.8	97.1	98.0	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	63.0	93.8	96.2	97.6	98.6	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	63.0	93.8	96.2	97.7	98.8	98.9	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	63.0	93.8	96.2	97.8	98.8	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	63.0	93.8	96.2	97.8	98.8	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	63.0	93.8	96.2	97.8	98.8	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	63.0	93.8	96.2	97.8	98.8	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	63.0	93.8	96.2	97.8	98.8	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2451

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.5	43.6	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 20000	43.1	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 18000	43.2	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 16000	43.3	55.5	55.6	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 14000	44.0	56.2	56.3	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 12000	45.0	57.4	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 10000	46.6	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 9000	47.6	61.4	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 8000	49.2	63.9	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 7000	49.9	65.2	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 6000	50.8	66.9	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 5000	52.7	69.7	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 4500	54.0	71.7	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 4000	57.4	76.2	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3500	59.6	79.3	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 3000	62.5	83.4	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 2500	65.3	87.6	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	67.2	91.0	91.6	92.0	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800	67.3	91.6	92.2	92.6	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	67.9	93.0	93.6	94.1	94.3	94.4	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	68.5	94.1	94.8	95.6	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	68.6	95.2	96.0	96.9	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	68.6	95.2	96.3	97.2	97.5	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	68.6	95.5	96.7	98.0	98.5	98.6	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	68.6	95.6	96.9	98.4	99.1	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	68.7	95.7	97.0	98.5	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	68.7	95.7	97.0	98.5	99.2	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	68.7	95.7	97.0	98.5	99.2	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	68.7	95.7	97.0	98.5	99.2	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	68.7	95.7	97.0	98.5	99.2	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	68.7	95.7	97.0	98.5	99.2	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	68.7	95.7	97.0	98.5	99.2	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2455



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.0	46.0	46.1	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	45.3	56.7	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000	45.3	56.8	57.0	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 16000	45.5	57.0	57.1	57.2	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 14000	46.2	57.8	57.9	58.0	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 12000	47.4	59.2	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 10000	49.2	61.9	62.1	62.2	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 9000	49.9	62.9	63.1	63.2	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 8000	51.6	65.8	66.0	66.1	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 7000	52.9	67.9	68.1	68.2	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 6000	54.3	69.6	69.9	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 5000	57.3	73.5	73.9	74.0	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 4500	58.6	75.9	76.3	76.4	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	61.6	80.3	80.7	81.0	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3500	63.1	82.9	83.4	83.7	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3000	65.2	86.2	86.8	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	67.1	89.0	89.7	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2000	68.4	91.6	92.3	92.9	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	68.6	92.1	92.9	93.4	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	69.2	93.1	94.0	94.6	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200	69.5	93.9	94.9	95.7	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	69.7	94.7	95.8	96.5	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	69.8	94.8	96.0	96.8	97.5	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	69.8	94.9	96.3	97.4	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	69.8	95.0	96.4	97.6	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	69.8	95.1	96.5	97.7	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	69.8	95.1	96.5	97.8	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	69.8	95.1	96.5	97.8	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	69.8	95.1	96.5	97.8	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	69.8	95.1	96.5	97.8	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	69.8	95.1	96.5	97.8	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	69.8	95.1	96.5	97.8	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 2453

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72  
STATION NAME

YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.0	52.4	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 20000	50.5	64.3	64.6	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
IV 18000	50.5	64.4	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 16000	50.9	64.7	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
IV 14000	51.6	65.5	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
IV 12000	52.9	67.3	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
IV 10000	54.1	59.8	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 9000	54.9	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
IV 8000	56.6	73.4	73.7	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
IV 7000	58.6	76.2	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 6000	59.9	78.3	78.6	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
IV 5000	61.4	81.0	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
IV 4500	61.8	82.1	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	63.1	84.9	85.4	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3500	63.8	86.1	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
IV 3000	64.5	88.2	89.0	89.5	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	65.3	89.8	90.6	91.2	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	65.8	91.6	92.5	93.4	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1800	66.0	92.2	93.2	94.0	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1500	66.3	92.8	93.9	94.8	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	66.4	93.5	94.8	95.8	96.3	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	66.5	94.4	95.8	96.7	97.4	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	66.7	94.6	96.0	97.0	97.9	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 800	66.7	94.8	96.2	97.4	98.3	98.4	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
IV 700	66.8	94.9	96.4	97.6	98.7	98.8	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	66.8	94.9	96.4	97.6	98.8	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
IV 500	66.8	95.0	96.5	97.7	98.9	99.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	66.8	95.0	96.5	97.7	98.9	99.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	66.8	95.0	96.5	97.7	98.9	99.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	66.8	95.0	96.5	97.7	98.9	99.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	66.8	95.0	96.5	97.7	98.9	99.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	66.8	95.0	96.5	97.7	98.9	99.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2426

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72  
STATION NAME YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	43.6	59.8	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3
IV 20000	49.2	68.0	68.6	68.9	69.3	69.3	69.3	69.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7
IV 18000	49.4	68.2	68.8	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.8	69.8	69.8	69.8	69.9
IV 16000	49.5	68.3	68.7	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.9	69.9	69.9	69.9	70.0
IV 14000	49.7	68.5	69.2	69.5	69.9	69.9	69.9	70.0	70.0	70.0	70.2	70.3	70.3	70.3	70.3	70.3
IV 12000	50.9	70.3	70.9	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.8	72.0	72.0	72.0	72.0	72.1
IV 10000	52.3	72.5	73.2	73.5	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.3
IV 9000	52.9	73.4	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.4	75.4	75.4	75.4	75.5
IV 8000	54.2	75.4	76.3	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.4	77.4	77.4	77.4	77.5
IV 7000	55.6	77.5	78.5	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.6	79.6	79.6	79.6	79.7
IV 6000	56.5	79.1	80.2	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4
IV 5000	57.5	82.3	83.4	83.8	84.2	84.3	84.3	84.4	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7
IV 4500	57.8	83.3	84.4	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.7	85.8	85.8	85.8	85.8
IV 4000	58.4	85.0	86.3	86.7	87.2	87.3	87.4	87.4	87.4	87.4	87.5	87.7	87.7	87.7	87.8	87.8
IV 3500	58.8	86.1	87.5	87.9	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.9	88.9	88.9	89.0	89.0
IV 3000	59.5	87.4	88.9	89.4	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.5	90.6	90.6	90.6	90.6
IV 2500	60.0	88.9	90.4	90.9	91.5	91.6	91.7	91.8	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.2
IV 2000	60.6	90.3	91.9	92.8	93.4	93.6	93.7	93.7	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.1
IV 1800	60.6	90.5	92.2	93.1	93.7	93.8	93.9	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	60.7	91.2	93.1	94.1	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.4
IV 1200	60.9	92.1	94.2	95.4	96.1	96.2	96.4	96.4	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.8
IV 1000	61.0	92.9	95.1	96.4	97.2	97.3	97.5	97.5	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9
IV 900	61.0	93.0	95.2	96.4	97.3	97.4	97.6	97.6	97.6	97.6	97.7	97.9	98.0	98.0	98.0	98.0
IV 800	61.1	93.4	95.6	97.0	97.9	98.0	98.2	98.3	98.3	98.3	98.4	98.6	98.7	98.7	98.7	98.7
IV 700	61.1	93.6	96.1	97.6	98.5	98.6	98.8	98.9	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.4
IV 600	61.2	93.8	96.2	97.7	98.7	98.8	99.1	99.2	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7
IV 500	61.2	93.8	96.3	97.8	98.8	98.9	99.1	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.8
IV 400	61.2	93.8	96.3	97.8	98.8	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9
IV 300	61.2	93.8	96.3	97.8	98.8	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0
IV 200	61.2	93.8	96.3	97.8	98.8	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0
IV 100	61.2	93.8	96.3	97.8	98.8	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0
IV 0	61.2	93.8	96.3	97.8	98.8	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2333

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-53,62-71  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	38.0	36.8	39.3	60.5	61.0	61.0	61.2	61.3	61.3	61.5	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.2
≥ 20000	42.6	64.6	67.2	68.5	69.0	69.1	69.2	69.3	69.3	69.5	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.2
IV 18000	42.6	64.7	67.3	68.6	69.1	69.2	69.3	69.3	69.5	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.3
IV 16000	42.6	64.8	67.4	68.7	69.2	69.3	69.5	69.6	69.6	69.8	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.4
IV 14000	43.7	66.1	68.8	70.1	70.6	70.7	70.9	71.0	71.0	71.2	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.8
IV 12000	44.7	67.6	70.3	71.6	72.1	72.2	72.3	72.5	72.5	72.7	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.3
IV 10000	46.3	70.5	73.2	74.5	75.0	75.1	75.3	75.4	75.4	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.2
IV 9000	46.6	71.3	74.0	75.3	75.8	75.9	76.1	76.2	76.2	76.4	76.7	76.7	76.9	76.9	76.9	76.9	76.9	77.1
IV 8000	47.6	73.5	76.4	77.7	78.3	78.4	78.5	78.6	78.6	78.9	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.5
IV 7000	48.8	74.8	77.7	79.0	79.6	79.7	79.8	80.0	80.0	80.2	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.8
IV 6000	49.3	76.2	79.1	80.5	81.1	81.2	81.3	81.5	81.5	81.7	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.3
IV 5000	50.1	78.5	81.5	83.0	83.7	83.8	83.9	84.2	84.2	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.1
IV 4500	50.3	79.5	82.5	83.9	84.7	84.8	84.9	85.2	85.2	85.5	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.1
IV 4000	51.7	81.6	84.8	86.3	87.0	87.1	87.3	87.6	87.6	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.5
IV 3600	52.4	82.6	85.8	87.4	88.2	88.3	88.5	88.8	88.8	89.1	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.7
IV 3000	53.4	84.0	87.2	88.8	89.7	89.8	90.0	90.3	90.3	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.2
IV 2500	54.3	85.0	88.4	90.0	90.9	91.0	91.2	91.5	91.5	91.8	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.5
IV 2000	54.7	86.4	90.1	91.8	92.8	92.9	93.2	93.4	93.4	93.8	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.5
IV 1800	54.8	86.9	90.7	92.4	93.4	93.5	93.8	94.1	94.1	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.1
IV 1500	55.4	87.9	91.8	93.6	94.6	94.6	95.0	95.2	95.2	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.3
IV 1200	55.6	88.7	92.8	94.5	95.5	95.6	95.9	96.2	96.2	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.2
IV 1000	55.6	88.9	93.1	94.9	95.9	96.0	96.3	96.6	96.6	97.0	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.7
IV 900	55.6	89.2	93.3	95.1	96.1	96.2	96.5	96.8	96.8	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.9
IV 800	55.7	89.5	93.7	95.5	96.5	96.6	97.1	97.5	97.5	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6
IV 700	55.7	89.6	93.8	95.7	96.7	96.9	97.3	97.8	97.8	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.9
IV 600	55.7	89.7	94.0	96.0	97.0	97.2	97.8	98.2	98.2	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.3
IV 500	55.7	89.9	94.2	96.2	97.3	97.4	98.0	98.4	98.4	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.6
IV 400	55.7	90.0	94.3	96.3	97.3	97.5	98.1	98.5	98.5	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7
IV 300	55.7	90.0	94.3	96.3	97.3	97.5	98.1	98.5	98.5	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8
IV 200	55.7	90.0	94.3	96.3	97.3	97.5	98.1	98.5	98.5	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.9
IV 100	55.7	90.0	94.3	96.3	97.3	97.5	98.1	98.5	98.5	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.9
IV 0	55.7	90.0	94.3	96.3	97.3	97.5	98.1	98.5	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2223

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-71  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	> 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.0	45.0	47.4	48.6	49.6	50.0	50.4	50.8	50.9	51.4	51.7	51.8	52.3	52.4	52.8	53.3
IV 20000	31.0	52.7	55.3	56.7	57.8	58.1	58.6	59.1	59.1	59.8	60.1	60.2	60.8	60.9	61.3	61.9
IV 18000	31.0	52.8	55.3	56.8	57.9	58.2	58.7	59.2	59.2	59.9	60.2	60.3	60.9	61.0	61.4	62.0
IV 16000	31.2	53.2	55.7	57.2	58.2	58.5	59.1	59.5	59.6	60.2	60.6	60.6	61.2	61.3	61.7	62.3
IV 14000	32.0	54.0	56.6	58.1	59.2	59.5	60.0	60.5	60.5	61.2	61.5	61.6	62.2	62.3	62.7	63.3
IV 12000	32.8	55.3	57.8	59.4	60.5	60.8	61.4	61.8	61.9	62.5	62.9	62.9	63.5	63.7	64.1	64.6
IV 10000	34.8	58.5	61.2	62.8	63.9	64.2	64.8	65.2	65.3	66.0	66.3	66.3	67.0	67.1	67.5	68.1
IV 9000	35.4	59.4	62.1	63.8	65.0	65.3	65.9	66.3	66.3	67.0	67.4	67.4	68.0	68.1	68.5	69.1
IV 8000	36.9	62.2	64.9	66.9	68.1	68.4	69.1	69.5	69.5	70.2	70.6	70.6	71.3	71.4	71.8	72.4
IV 7000	37.8	64.2	67.0	69.0	70.3	70.6	71.3	71.7	71.7	72.4	72.7	72.8	73.4	73.6	74.0	74.6
IV 6000	38.7	65.7	68.7	70.6	72.0	72.3	72.9	73.4	73.4	74.1	74.4	74.5	75.1	75.2	75.6	76.2
IV 5000	40.2	69.0	72.1	74.3	75.6	75.9	76.6	77.0	77.1	77.7	78.1	78.2	78.8	79.0	79.4	80.0
IV 4500	40.5	69.9	73.1	75.3	76.7	77.0	77.7	78.1	78.2	78.8	79.2	79.3	79.9	80.1	80.5	81.1
IV 4000	41.8	72.5	75.7	77.9	79.4	79.7	80.4	80.9	80.9	81.6	81.9	82.0	82.6	82.8	83.2	83.8
IV 3500	42.6	74.0	77.4	79.7	81.2	81.6	82.3	82.7	82.7	83.4	83.8	83.9	84.5	84.7	85.1	85.7
IV 3000	43.5	75.7	79.3	81.7	83.3	83.7	84.5	85.0	85.1	85.8	86.2	86.2	86.9	87.0	87.4	88.1
IV 2500	44.8	77.7	81.5	83.9	85.5	85.9	86.7	87.2	87.2	87.9	88.4	88.4	89.1	89.2	89.6	90.3
IV 2000	45.5	79.7	83.6	86.2	87.9	88.3	89.1	89.6	89.7	90.4	90.8	90.8	91.5	91.6	92.0	92.7
IV 1800	45.7	80.1	84.0	86.6	88.3	88.7	89.5	90.1	90.1	90.8	91.2	91.3	91.9	92.1	92.5	93.1
IV 1500	46.5	81.5	85.5	88.1	89.8	90.2	91.1	91.7	91.7	92.4	92.9	92.9	93.6	93.7	94.1	94.7
IV 1200	46.6	81.9	86.1	88.7	90.3	90.9	91.8	92.4	92.4	93.2	93.6	93.6	94.3	94.4	94.8	95.5
IV 1000	46.9	82.8	87.0	89.6	91.4	91.8	92.7	93.3	93.4	94.1	94.6	94.7	95.4	95.5	95.9	96.5
IV 900	46.9	83.0	87.2	89.9	91.7	92.1	92.9	93.6	93.7	94.4	94.9	95.0	95.7	95.8	96.2	96.8
IV 800	46.9	83.3	87.6	90.3	92.2	92.6	93.5	94.2	94.2	95.0	95.4	95.5	96.2	96.3	96.7	97.4
IV 700	46.9	83.3	87.8	90.6	92.5	92.9	93.8	94.5	94.6	95.3	95.8	95.8	96.6	96.7	97.1	97.8
IV 600	46.9	83.4	88.0	91.0	92.9	93.4	94.4	95.1	95.1	95.9	96.4	96.5	97.2	97.4	97.8	98.4
IV 500	47.0	83.6	88.1	91.1	93.1	93.6	94.6	95.4	95.4	96.2	96.7	96.7	97.5	97.6	98.0	98.7
IV 400	47.0	83.6	88.2	91.2	93.2	93.6	94.7	95.4	95.5	96.3	96.8	96.8	97.6	97.7	98.1	98.8
IV 300	47.1	83.7	88.3	91.3	93.3	93.7	94.8	95.6	95.6	96.5	96.9	97.0	97.8	97.9	98.3	98.9
IV 200	47.1	83.7	88.3	91.3	93.3	93.7	94.8	95.6	95.6	96.5	97.0	97.0	97.9	98.0	98.5	99.2
IV 100	47.1	83.7	88.3	91.3	93.3	93.7	94.8	95.6	95.6	96.5	97.0	97.0	97.9	98.0	98.5	99.3
IV 0	47.1	83.7	88.3	91.3	93.3	93.7	94.8	95.6	95.6	96.6	97.1	97.2	98.0	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2282

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURLS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.2	40.2	41.2	42.3	42.7	42.8	42.9	43.0	43.0	43.2	43.3	43.3	43.3	43.4	43.4	43.8
IV 20000	31.9	51.4	52.7	54.1	54.7	54.8	55.0	55.0	55.0	55.2	55.4	55.4	55.4	55.5	55.5	56.0
IV 18000	32.1	51.6	52.9	54.3	54.9	55.0	55.2	55.2	55.2	55.5	55.6	55.6	55.6	55.7	55.7	56.2
IV 16000	32.4	51.9	53.2	54.6	55.2	55.3	55.5	55.5	55.5	55.7	55.9	55.9	55.9	56.0	56.0	56.5
IV 14000	33.0	52.7	54.1	55.5	56.1	56.2	56.3	56.4	56.4	56.6	56.7	56.7	56.8	56.8	56.9	57.4
IV 12000	34.2	54.7	56.0	57.4	58.0	58.1	58.3	58.4	58.4	58.7	58.8	58.8	58.8	58.9	59.0	59.5
IV 10000	36.5	58.2	59.7	61.3	62.0	62.2	62.4	62.5	62.5	62.7	62.8	62.8	62.9	62.9	63.0	63.6
IV 9000	37.0	59.3	60.8	62.6	63.3	63.5	63.7	63.8	63.8	64.1	64.2	64.2	64.2	64.3	64.4	64.9
IV 8000	38.7	61.9	63.5	65.3	66.1	66.3	66.6	66.7	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.8
IV 7000	40.1	64.7	66.4	68.3	69.1	69.3	69.5	69.6	69.6	69.9	70.0	70.0	70.0	70.1	70.2	70.7
IV 6000	41.0	66.4	68.2	70.2	71.0	71.3	71.6	71.7	71.7	71.9	72.0	72.0	72.1	72.2	72.3	72.8
IV 5000	42.4	69.1	71.1	73.4	74.2	74.5	74.8	74.9	74.9	75.2	75.3	75.3	75.4	75.4	75.5	76.1
IV 4500	42.7	70.0	72.1	74.4	75.3	75.6	75.8	76.0	76.0	76.2	76.4	76.4	76.5	76.5	76.6	77.2
IV 4000	44.1	72.6	74.8	77.2	78.2	78.7	79.0	79.2	79.2	79.4	79.6	79.6	79.6	79.7	79.8	80.4
IV 3500	44.6	73.9	76.2	78.6	79.7	80.1	80.4	80.7	80.7	81.0	81.1	81.1	81.2	81.2	81.3	81.9
IV 3000	45.9	75.9	78.3	81.0	82.1	82.5	82.8	83.0	83.0	83.4	83.5	83.5	83.6	83.7	83.8	84.3
IV 2500	47.3	78.0	80.6	83.3	84.5	85.0	85.3	85.5	85.5	85.8	86.0	86.0	86.1	86.1	86.2	86.8
IV 2000	48.5	80.3	82.9	85.7	87.0	87.4	87.7	88.0	88.0	88.3	88.5	88.5	88.5	88.6	88.7	89.3
IV 1800	48.7	80.6	83.3	86.0	87.3	87.8	88.1	88.3	88.3	88.6	88.8	88.8	88.9	89.0	89.1	89.6
IV 1500	49.8	82.5	85.2	88.0	89.3	89.8	90.1	90.4	90.4	90.7	90.9	90.9	91.0	91.0	91.1	91.7
IV 1200	50.6	84.0	86.8	89.6	91.0	91.4	91.7	92.0	92.0	92.4	92.6	92.6	92.7	92.7	92.8	93.4
IV 1000	51.2	85.5	88.7	91.6	93.1	93.6	94.0	94.3	94.3	94.7	94.9	94.9	95.0	95.0	95.1	95.7
IV 900	51.3	85.7	88.9	91.9	93.4	94.0	94.4	94.7	94.7	95.0	95.3	95.3	95.4	95.4	95.5	96.1
IV 800	51.5	86.3	89.6	92.7	94.3	94.8	95.3	95.6	95.6	96.0	96.3	96.3	96.4	96.4	96.5	97.1
IV 700	51.5	86.6	90.0	93.1	94.8	95.4	96.0	96.3	96.3	96.6	96.9	96.9	97.0	97.1	97.2	97.8
IV 600	51.5	86.8	90.2	93.6	95.2	95.8	96.5	96.8	96.8	97.2	97.5	97.5	97.5	97.6	97.7	98.3
IV 500	51.6	87.0	90.5	93.9	95.6	96.2	96.9	97.3	97.3	97.7	98.0	98.0	98.0	98.1	98.2	98.8
IV 400	51.6	87.0	90.5	93.9	95.7	96.3	97.0	97.4	97.4	97.8	98.1	98.1	98.2	98.3	98.3	98.9
IV 300	51.6	87.0	90.5	93.9	95.7	96.3	97.1	97.5	97.5	97.9	98.2	98.2	98.3	98.4	98.5	99.2
IV 200	51.6	87.0	90.5	93.9	95.7	96.3	97.1	97.5	97.5	98.0	98.3	98.3	98.5	98.5	98.6	99.4
IV 100	51.6	87.0	90.5	93.9	95.7	96.3	97.1	97.5	97.5	98.0	98.3	98.3	98.6	98.6	98.8	99.6
IV 0	51.6	87.0	90.5	93.9	95.7	96.3	97.1	97.5	97.5	98.0	98.3	98.3	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2357



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.4	44.9	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 20000	40.7	57.5	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 18000	40.8	57.8	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 16000	41.1	58.1	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	59.0
IV 14000	41.7	58.8	59.4	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
IV 12000	43.6	61.2	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
IV 10000	45.7	64.6	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 9000	46.1	65.3	66.1	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 8000	47.7	67.8	68.6	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 7000	49.0	69.8	70.6	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 6000	49.9	70.8	71.7	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 5000	51.2	73.0	73.9	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 4500	51.5	73.7	74.7	75.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4000	52.7	75.6	76.6	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	53.7	77.1	78.2	78.9	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3000	56.3	80.5	81.7	82.5	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 2500	58.4	83.4	84.6	85.5	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	60.3	86.9	88.3	89.2	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1800	60.7	87.7	89.1	90.0	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	61.7	89.9	91.5	92.5	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	63.1	92.2	93.9	94.8	95.5	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	63.2	93.0	94.7	95.9	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 900	63.3	93.2	95.0	96.1	96.9	97.0	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 800	63.3	93.5	95.4	96.7	97.5	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 700	63.5	93.7	95.8	97.2	98.0	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 600	63.6	94.0	96.1	97.5	98.5	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
IV 500	63.6	94.2	96.4	97.9	98.8	98.9	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	63.6	94.2	96.4	97.9	98.9	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	63.6	94.2	96.4	97.9	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	63.6	94.2	96.4	97.9	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	63.6	94.2	96.4	97.9	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	63.6	94.2	96.4	97.9	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2360

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	44.2	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 18000	44.3	57.9	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
16000	44.4	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	56.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 14000	45.2	58.8	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
12000	47.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 10000	48.9	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
9000	49.1	64.8	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
IV 8000	51.0	67.3	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
7000	52.4	69.2	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 6000	53.1	70.3	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
5000	54.7	72.3	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
IV 4500	55.8	73.7	74.3	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
4000	58.2	77.2	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 3500	60.3	79.7	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
3000	64.1	84.5	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	66.9	88.0	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
2000	69.1	91.4	92.3	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	69.6	92.2	93.1	93.1	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1500	70.2	93.5	94.4	94.4	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2
IV 1200	71.1	95.0	96.2	96.3	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1000	71.6	96.0	97.3	97.5	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	71.6	96.1	97.4	97.6	98.1	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	71.8	96.5	98.0	98.2	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	71.8	96.6	98.1	98.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	71.8	96.6	98.1	98.3	98.9	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	71.8	96.6	98.2	98.4	98.9	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	71.8	96.6	98.2	98.4	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	71.8	96.6	98.2	98.4	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	71.8	96.6	98.2	98.4	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	71.8	96.6	98.2	98.4	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	71.8	96.6	98.2	98.4	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2362



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 20000	49.9	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
IV 18000	49.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 16000	50.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000	50.8	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
IV 12000	52.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 10000	54.2	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 9000	54.4	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 8000	56.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 7000	57.5	75.3	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
IV 6000	58.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 5000	60.1	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 4500	61.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 4000	63.6	83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	65.9	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3000	69.3	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	71.2	93.0	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	72.6	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	72.9	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1500	73.4	96.5	97.1	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
IV 1200	74.0	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	74.3	98.0	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	74.3	98.1	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	74.3	98.2	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	74.3	98.2	99.2	99.3	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	74.3	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	74.3	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	74.3	98.3	99.2	99.4	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	74.3	98.3	99.2	99.4	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	74.3	98.3	99.2	99.4	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	74.3	98.3	99.2	99.4	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	74.3	98.3	99.2	99.4	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2361

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	43.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9
IV 20000	52.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
IV 18000	52.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
IV 16000	52.9	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	53.6	70.7	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	71.0
IV 12000	55.1	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 10000	56.6	74.9	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	75.3
IV 9000	57.2	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	75.9	76.0
IV 8000	58.8	78.1	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 7000	59.9	79.8	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 6000	61.2	81.5	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 5000	62.9	83.9	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 4500	63.3	84.7	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
IV 4000	65.0	87.6	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	66.0	88.9	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	68.0	91.7	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	69.1	93.4	94.1	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
IV 2000	70.0	94.9	95.7	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	70.0	95.0	95.9	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
IV 1500	70.3	95.6	96.3	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 1200	70.5	96.2	97.1	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 1000	70.6	96.5	97.5	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8
IV 900	70.6	96.5	97.5	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
IV 800	70.6	96.5	97.6	98.2	98.7	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 700	70.6	96.6	97.6	98.3	98.9	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5
IV 600	70.6	96.6	97.6	98.3	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6
IV 500	70.6	96.6	97.6	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	70.6	96.6	97.6	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9
IV 300	70.6	96.6	97.6	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9
IV 200	70.6	96.6	97.6	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9
IV 100	70.6	96.6	97.6	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9
IV 0	70.6	96.6	97.6	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2343

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.2	61.6	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 20000	50.3	71.7	72.7	72.9	72.9	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 18000	50.4	71.8	72.8	73.0	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 16000	50.6	72.1	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6
IV 14000	51.2	72.7	73.7	73.9	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 12000	52.6	74.7	75.7	75.9	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 10000	53.9	76.8	77.8	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000	54.3	77.3	78.3	78.5	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
IV 8000	55.0	79.2	80.3	80.6	80.6	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0
IV 7000	55.9	80.7	81.9	82.1	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 6000	56.7	82.1	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0
IV 5000	58.0	84.6	85.8	86.1	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6
IV 4500	58.3	85.1	86.3	86.6	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
IV 4000	59.6	87.5	88.8	89.3	89.5	89.6	89.7	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0
IV 3500	60.0	88.1	89.5	90.0	90.2	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7
IV 3000	61.3	90.7	92.1	92.6	92.8	92.9	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	61.6	91.7	93.2	93.8	94.1	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IV 2000	61.9	92.6	94.3	95.0	95.3	95.5	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	62.0	92.8	94.4	95.2	95.5	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
IV 1500	62.5	93.6	95.3	96.2	96.5	96.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.2
IV 1200	62.6	94.0	95.8	96.7	97.1	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
IV 1000	62.8	94.5	96.3	97.4	97.8	97.9	98.0	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 900	62.8	94.6	96.5	97.5	97.9	98.1	98.1	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 800	62.8	94.7	96.6	97.8	98.1	98.3	98.6	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.2
IV 700	62.9	94.9	96.8	98.0	98.5	98.6	98.9	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5
IV 600	62.9	94.9	96.9	98.1	98.5	98.7	99.0	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6
IV 500	62.9	95.0	96.9	98.1	98.6	98.8	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 400	62.9	95.0	96.9	98.1	98.6	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9
IV 300	62.9	95.0	96.9	98.1	98.6	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9
IV 200	62.9	95.0	96.9	98.1	98.6	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9
IV 100	62.9	95.0	96.9	98.1	98.6	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9
IV 0	62.9	95.0	97.0	98.1	98.6	98.9	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2269

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-71  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.1	65.8	67.4	68.6	69.1	69.2	69.6	69.6	69.6	69.9	70.0	70.1	70.3	70.3	70.5	70.6
IV 20000	47.2	74.2	75.9	77.1	77.7	77.8	78.1	78.2	78.2	78.4	78.6	78.7	78.9	78.9	79.1	79.1
IV 18000	47.2	74.3	76.0	77.2	77.7	77.8	78.2	78.2	78.2	78.5	78.7	78.7	78.9	78.9	79.1	79.2
IV 16000	47.5	74.6	76.4	77.6	78.1	78.2	78.6	78.6	78.6	78.9	79.0	79.1	79.3	79.3	79.5	79.6
IV 14000	48.5	75.8	77.5	78.7	79.3	79.4	79.7	79.8	79.8	80.0	80.2	80.3	80.5	80.5	80.7	80.8
IV 12000	49.6	77.4	79.1	80.4	81.0	81.0	81.4	81.4	81.4	81.7	81.9	81.9	82.1	82.1	82.4	82.4
IV 10000	50.9	80.4	82.2	83.6	84.2	84.3	84.6	84.7	84.7	84.9	85.1	85.2	85.4	85.4	85.6	85.7
IV 9000	51.5	81.6	83.3	84.7	85.3	85.4	85.8	85.8	85.8	86.1	86.2	86.3	86.5	86.5	86.8	86.8
IV 8000	52.2	83.0	84.9	86.5	87.1	87.3	87.6	87.7	87.7	87.9	88.1	88.1	88.4	88.4	88.6	88.7
IV 7000	52.5	83.9	85.8	87.3	87.9	88.2	88.5	88.6	88.6	88.8	89.0	89.0	89.3	89.3	89.5	89.6
IV 6000	53.4	85.3	87.2	88.8	89.4	89.7	90.0	90.0	90.0	90.3	90.5	90.5	90.7	90.7	91.0	91.0
IV 5000	54.3	87.6	89.5	91.2	91.8	92.0	92.4	92.5	92.5	92.7	92.9	93.0	93.2	93.2	93.5	93.5
IV 4500	54.5	88.1	90.1	91.9	92.5	92.8	93.2	93.2	93.2	93.5	93.7	93.7	94.0	94.0	94.2	94.3
IV 4000	55.2	89.7	91.9	93.7	94.3	94.5	94.9	95.0	95.0	95.2	95.5	95.5	95.8	95.8	96.0	96.1
IV 3500	55.5	90.2	92.5	94.3	94.9	95.2	95.5	95.6	95.6	95.8	96.1	96.1	96.4	96.4	96.6	96.7
IV 3000	55.9	91.1	93.3	95.2	95.8	96.1	96.5	96.5	96.5	96.8	97.0	97.0	97.3	97.3	97.5	97.6
IV 2500	56.1	91.6	93.9	95.8	96.4	96.7	97.1	97.1	97.1	97.4	97.6	97.6	97.9	97.9	98.1	98.2
IV 2000	56.3	91.8	94.2	96.0	96.7	96.9	97.3	97.4	97.4	97.6	97.8	97.8	98.1	98.1	98.4	98.4
IV 1800	56.3	91.9	94.2	96.1	96.7	97.0	97.4	97.4	97.4	97.7	97.9	97.9	98.0	98.2	98.2	98.5
IV 1500	56.3	91.9	94.3	96.1	96.8	97.1	97.5	97.6	97.6	97.8	98.1	98.1	98.4	98.4	98.6	98.7
IV 1200	56.5	92.2	94.5	96.4	97.1	97.3	97.8	97.8	97.8	98.1	98.3	98.4	98.6	98.6	98.9	98.9
IV 1000	56.5	92.4	94.7	96.7	97.4	97.7	98.3	98.4	98.4	98.6	98.8	98.9	99.1	99.1	99.4	99.4
IV 900	56.5	92.4	94.8	96.7	97.4	97.7	98.4	98.4	98.4	98.7	98.9	99.0	99.2	99.2	99.5	99.5
IV 800	56.5	92.5	94.9	96.9	97.7	97.9	98.6	98.7	98.7	98.9	99.1	99.2	99.4	99.4	99.7	99.7
IV 700	56.5	92.5	94.9	97.0	97.7	98.0	98.7	98.7	98.7	99.0	99.2	99.2	99.5	99.5	99.7	99.8
IV 600	56.5	92.5	95.0	97.0	97.7	98.0	98.7	98.7	98.7	99.0	99.2	99.3	99.5	99.5	99.8	99.8
IV 500	56.5	92.6	95.0	97.1	97.8	98.1	98.7	98.8	98.8	99.0	99.3	99.4	99.6	99.6	99.9	99.9
IV 400	56.5	92.6	95.0	97.1	97.8	98.1	98.7	98.8	98.8	99.0	99.3	99.4	99.6	99.6	99.9	99.9
IV 300	56.5	92.6	95.0	97.1	97.8	98.1	98.7	98.8	98.8	99.0	99.3	99.4	99.6	99.6	99.9	99.9
IV 200	56.5	92.6	95.0	97.1	97.8	98.1	98.7	98.8	98.8	99.0	99.3	99.4	99.6	99.6	99.9	99.9
IV 100	56.5	92.6	95.0	97.1	97.8	98.1	98.7	98.8	98.8	99.0	99.3	99.4	99.6	99.6	99.9	99.9
IV 0	56.5	92.6	95.0	97.1	97.8	98.1	98.8	98.8	98.8	99.1	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2310

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FURT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-71  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	32.8	54.8	57.0	58.6	60.5	60.6	61.2	61.3	61.3	61.5	62.0	62.0	62.3	62.4	62.8	63.6
IV 20000	37.1	61.9	64.3	66.1	68.0	68.0	68.7	68.8	68.8	69.0	69.5	69.5	69.9	70.0	70.5	71.3
IV 18000	37.1	61.9	64.3	66.1	68.0	68.0	68.7	68.8	68.8	69.0	69.5	69.5	69.9	70.0	70.5	71.3
IV 16000	37.4	62.2	64.6	66.5	68.3	68.4	69.0	69.2	69.2	69.4	69.9	69.9	70.3	70.3	70.8	71.7
IV 14000	38.2	63.3	65.6	67.6	69.4	69.5	70.1	70.3	70.3	70.5	71.0	71.0	71.4	71.4	71.9	72.8
IV 12000	39.6	65.2	67.6	69.5	71.4	71.4	72.1	72.2	72.2	72.4	72.9	72.9	73.3	73.4	73.9	74.7
IV 10000	41.6	68.8	71.3	73.3	75.2	75.3	75.9	76.1	76.1	76.3	76.9	76.9	77.3	77.3	77.9	78.7
IV 9000	42.2	69.8	72.4	74.5	76.4	76.5	77.1	77.3	77.3	77.5	78.1	78.1	78.5	78.6	79.1	79.9
IV 8000	43.6	72.5	75.4	77.5	79.5	79.6	80.2	80.5	80.5	80.7	81.3	81.3	81.7	81.7	82.2	83.1
IV 7000	44.5	73.9	76.8	79.1	81.2	81.3	81.9	82.1	82.1	82.3	82.9	82.9	83.3	83.3	83.9	84.7
IV 6000	44.9	75.1	78.1	80.4	82.5	82.6	83.2	83.4	83.4	83.6	84.2	84.2	84.6	84.6	85.2	86.0
IV 5000	46.2	78.1	81.3	83.7	85.8	85.9	86.6	86.8	86.8	87.0	87.6	87.6	88.0	88.0	88.5	89.4
IV 4500	46.5	78.8	82.0	84.5	86.7	86.8	87.4	87.6	87.6	87.8	88.4	88.4	88.8	88.8	89.4	90.2
IV 4000	47.6	81.3	84.6	87.2	89.5	89.6	90.4	90.6	90.6	90.8	91.4	91.4	91.8	91.8	92.3	93.2
IV 3500	48.1	82.3	85.7	88.3	90.6	90.8	91.5	91.8	91.8	92.0	92.6	92.6	93.0	93.0	93.5	94.4
IV 3000	48.5	83.2	86.7	89.4	91.7	91.8	92.6	92.9	92.9	93.1	93.7	93.7	94.1	94.1	94.6	95.5
IV 2500	49.0	84.0	87.5	90.2	92.6	92.7	93.5	93.8	93.8	94.0	94.5	94.5	95.0	95.0	95.5	96.4
IV 2000	49.2	84.2	87.8	90.6	93.0	93.2	94.0	94.3	94.3	94.5	95.1	95.1	95.6	95.6	96.1	96.9
IV 1800	49.2	84.3	87.8	90.6	93.1	93.3	94.1	94.4	94.4	94.6	95.2	95.2	95.6	95.6	96.1	97.0
IV 1500	49.2	84.6	88.1	91.1	93.5	93.7	94.5	94.8	94.8	95.1	95.6	95.6	96.1	96.1	96.6	97.5
IV 1200	49.3	84.8	88.3	91.3	94.0	94.2	95.0	95.3	95.3	95.6	96.1	96.1	96.6	96.6	97.1	98.0
IV 1000	49.4	84.9	88.5	91.5	94.4	94.6	95.4	95.7	95.7	95.9	96.5	96.5	96.9	97.0	97.5	98.4
IV 900	49.5	85.0	88.6	91.6	94.5	94.7	95.5	95.8	95.8	96.1	96.6	96.6	97.1	97.1	97.6	98.5
IV 800	49.5	85.0	88.7	91.7	94.7	94.9	95.7	96.0	96.1	96.3	96.9	96.9	97.3	97.3	97.8	98.7
IV 700	49.5	85.0	88.7	91.8	94.8	95.0	95.8	96.1	96.1	96.4	96.9	96.9	97.4	97.4	97.9	98.8
IV 600	49.5	85.0	88.8	91.9	94.9	95.1	95.9	96.2	96.3	96.5	97.1	97.1	97.5	97.5	98.0	98.9
IV 500	49.5	85.1	88.8	92.1	95.1	95.3	96.2	96.5	96.5	96.8	97.4	97.4	97.8	97.8	98.3	99.2
IV 400	49.5	85.1	88.8	92.1	95.1	95.3	96.2	96.5	96.5	96.8	97.4	97.4	97.8	97.8	98.3	99.2
IV 300	49.5	85.2	88.9	92.1	95.1	95.3	96.2	96.5	96.6	96.8	97.4	97.4	97.8	97.9	98.4	99.3
IV 200	49.5	85.2	88.9	92.1	95.1	95.3	96.2	96.5	96.6	96.8	97.4	97.4	97.8	97.9	98.4	99.3
IV 100	49.5	85.2	88.9	92.1	95.1	95.3	96.2	96.5	96.6	96.9	97.5	97.5	97.9	98.0	98.5	99.5
IV 0	49.5	85.2	88.9	92.1	95.1	95.3	96.3	96.6	96.6	97.0	97.6	97.6	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2384

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	30.4	47.4	48.8	50.3	51.4	51.5	52.2	52.4	52.5	52.7	52.8	52.8	53.2	53.2	53.4	54.0
IV 20000	36.8	57.8	59.7	61.5	62.8	62.9	63.7	63.9	64.0	64.2	64.4	64.4	64.7	64.7	64.9	65.7
IV 18000	36.9	58.0	59.9	61.6	62.9	63.1	63.8	64.1	64.1	64.4	64.5	64.5	64.9	64.9	65.1	65.8
IV 16000	37.3	58.4	60.3	62.1	63.4	63.5	64.3	64.5	64.6	64.8	65.0	65.0	65.3	65.3	65.5	66.3
IV 14000	38.0	59.4	61.3	63.0	64.3	64.5	65.2	65.5	65.5	65.8	65.9	65.9	66.3	66.3	66.5	67.2
IV 12000	39.6	61.8	63.7	65.5	66.8	66.9	67.7	67.9	68.0	68.2	68.4	68.4	68.7	68.7	68.9	69.7
IV 10000	42.1	66.7	68.8	70.7	72.1	72.2	73.0	73.3	73.3	73.6	73.7	73.7	74.1	74.1	74.3	75.0
IV 9000	43.1	68.1	70.2	72.2	73.6	73.7	74.5	74.8	74.9	75.1	75.3	75.3	75.6	75.6	75.8	76.5
IV 8000	44.8	71.6	74.1	76.1	77.6	77.7	78.6	78.9	78.9	79.2	79.4	79.4	79.7	79.7	79.9	80.7
IV 7000	46.2	74.0	76.6	78.8	80.4	80.6	81.4	81.7	81.8	82.1	82.2	82.2	82.5	82.6	82.8	83.5
IV 6000	47.0	75.9	78.6	80.8	82.7	82.8	83.7	84.0	84.1	84.3	84.5	84.5	84.8	84.9	85.1	85.8
IV 5000	48.8	79.1	82.0	84.2	86.1	86.3	87.2	87.5	87.5	87.8	88.0	88.0	88.3	88.3	88.5	89.2
IV 4500	49.2	79.9	82.8	85.0	87.0	87.2	88.1	88.4	88.4	88.7	88.9	88.9	89.2	89.2	89.4	90.2
IV 4000	50.0	82.0	85.0	87.3	89.2	89.5	90.5	90.8	90.9	91.2	91.4	91.4	91.7	91.7	91.9	92.6
IV 3500	50.2	82.4	85.4	87.6	89.6	90.0	90.9	91.2	91.3	91.6	91.8	91.8	92.1	92.2	92.4	93.1
IV 3000	50.7	83.3	86.3	88.7	90.7	91.0	92.1	92.4	92.5	92.8	93.0	93.0	93.4	93.4	93.6	94.3
IV 2500	50.9	83.9	86.9	89.3	91.3	91.7	92.8	93.1	93.2	93.4	93.7	93.7	94.0	94.1	94.3	95.0
IV 2000	51.2	84.5	87.6	90.0	92.1	92.4	93.5	93.8	93.9	94.2	94.5	94.5	94.8	94.8	95.0	95.8
IV 1800	51.2	84.6	87.7	90.1	92.1	92.5	93.6	93.9	94.0	94.2	94.5	94.5	94.8	94.9	95.1	95.8
IV 1500	51.4	84.9	88.0	90.4	92.5	92.8	93.9	94.2	94.3	94.6	94.9	94.9	95.2	95.2	95.4	96.2
IV 1200	51.5	85.3	88.6	91.1	93.2	93.6	94.6	95.0	95.0	95.3	95.6	95.6	95.9	96.0	96.2	96.9
IV 1000	51.7	85.9	89.3	91.9	94.2	94.5	95.7	96.0	96.1	96.4	96.7	96.7	97.0	97.0	97.2	98.0
IV 900	51.7	85.9	89.4	92.0	94.3	94.6	95.8	96.2	96.2	96.6	96.8	96.8	97.2	97.2	97.4	98.1
IV 800	51.7	86.2	89.7	92.4	94.7	95.1	96.3	96.6	96.7	97.0	97.3	97.3	97.6	97.6	97.8	98.6
IV 700	51.7	86.2	89.7	92.4	94.8	95.1	96.3	96.6	96.7	97.0	97.3	97.3	97.6	97.7	97.9	98.6
IV 600	51.7	86.2	89.7	92.4	94.9	95.3	96.5	96.8	96.9	97.2	97.5	97.5	97.9	97.9	98.1	98.8
IV 500	51.7	86.2	89.8	92.5	95.1	95.5	96.7	97.1	97.2	97.5	97.8	97.8	98.2	98.2	98.4	99.1
IV 400	51.7	86.2	89.8	92.6	95.2	95.6	96.8	97.3	97.4	97.7	98.0	98.0	98.3	98.4	98.6	99.3
IV 300	51.7	86.2	89.8	92.6	95.2	95.6	96.8	97.3	97.4	97.7	98.0	98.0	98.4	98.4	98.7	99.5
IV 200	51.7	86.2	89.8	92.6	95.2	95.6	96.8	97.3	97.4	97.7	98.0	98.0	98.4	98.4	98.7	99.6
IV 100	51.7	86.2	89.8	92.6	95.2	95.6	96.8	97.3	97.4	97.7	98.0	98.0	98.4	98.4	98.7	99.6
IV 0	51.7	86.2	89.8	92.6	95.2	95.6	96.8	97.3	97.4	97.7	98.1	98.1	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2502



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.1	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	49.2	68.8	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
IV 18000	49.3	68.9	69.8	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 16000	49.7	69.4	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
IV 14000	50.7	70.4	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
IV 12000	52.7	72.8	73.7	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
IV 10000	54.7	77.2	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 9000	55.5	78.0	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 8000	56.9	80.9	81.9	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
IV 7000	57.7	82.6	83.8	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 6000	58.5	84.0	85.2	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	59.7	86.1	87.3	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
IV 4500	60.1	86.7	87.9	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
IV 4000	61.2	88.4	89.6	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
IV 3500	61.9	89.5	90.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
IV 3000	63.1	91.0	92.4	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
IV 2500	63.9	92.0	93.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
IV 2000	64.5	92.8	94.2	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	64.7	93.2	94.6	95.6	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1500	64.9	94.0	95.4	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	65.3	94.8	96.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
IV 1000	65.4	95.6	97.1	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 900	65.4	95.7	97.2	98.4	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	65.4	95.9	97.4	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	65.4	95.9	97.5	98.7	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	65.4	96.0	97.6	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	65.4	96.0	97.6	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	65.4	96.0	97.6	98.8	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	65.4	96.0	97.6	98.8	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	65.4	96.0	97.6	98.8	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	65.4	96.0	97.6	98.8	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	65.4	96.0	97.6	98.8	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2499

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.3	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	52.3	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 18000	52.5	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
16000	52.8	69.5	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
IV 14000	53.3	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
12000	55.9	72.9	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
IV 10000	57.7	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
9000	58.2	77.5	77.8	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
IV 8000	59.6	80.2	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
7000	60.3	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 6000	61.3	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
5000	62.6	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	63.1	85.8	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
4000	65.5	89.0	89.4	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
IV 3500	66.9	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
3000	69.5	93.8	94.3	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
IV 2500	70.6	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
2000	71.6	96.7	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
IV 1800	71.7	97.2	97.6	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
1500	72.1	97.8	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	72.3	98.2	98.7	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
1000	72.4	98.5	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	72.4	98.6	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	72.4	98.6	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	72.4	98.6	99.2	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
600	72.4	98.5	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	72.4	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	72.4	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	72.4	98.7	99.2	99.6	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	72.4	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	72.4	98.7	99.2	99.6	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	72.4	98.7	99.2	99.6	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 2501



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
TIME PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING	48.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 7000	58.1	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	74.1	74.1
IV 18000	58.4	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000	58.8	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	59.5	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 12000	62.2	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
IV 10000	64.2	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
IV 9000	65.0	83.8	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
IV 8000	66.3	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 7000	67.5	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 6000	68.3	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 5000	69.4	90.2	90.4	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
IV 4500	69.8	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4000	71.5	92.9	93.2	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 3500	72.4	94.1	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3000	73.9	96.1	96.5	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
IV 2500	74.7	97.0	97.4	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2000	75.2	97.8	98.3	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
IV 1800	75.2	97.8	98.3	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
IV 1500	75.3	98.1	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	75.5	98.3	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	75.5	98.3	98.9	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
IV 900	75.5	98.3	98.9	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	75.5	98.3	98.9	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	75.5	98.3	98.9	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	75.5	98.3	98.9	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2506

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.8	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 18000 16000	61.2	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 14000 12000	62.0	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 10000 9000	65.5	85.9	86.2	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
IV 8000 7000	68.2	89.5	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 6000 5000	69.5	91.8	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4500 4000	70.8	93.3	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3500 3000	71.6	94.8	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2500 2000	73.2	97.3	98.0	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800 1500	73.5	98.0	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200 1000	73.5	98.3	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900 800	73.5	98.3	99.0	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700 600	73.5	98.3	99.0	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500 400	73.5	98.3	99.0	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300 200	73.5	98.3	99.0	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	73.5	98.3	99.0	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2403

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	49.4	72.3	72.8	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
IV 20000	55.5	80.8	81.3	81.8	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 18000	55.5	80.8	81.4	81.8	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 16000	55.6	80.9	81.5	81.9	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 14000	56.3	81.8	82.4	82.8	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 12000	57.9	83.8	84.4	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 10000	59.6	87.1	87.7	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 9000	59.8	87.7	88.3	88.8	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 8000	60.8	89.7	90.4	90.9	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 7000	61.3	90.7	91.4	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 6000	61.6	91.2	92.0	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 5000	62.2	92.5	93.3	93.8	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 4500	62.5	93.1	93.9	94.4	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 4000	63.3	94.4	95.2	95.8	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 3500	63.5	94.7	95.5	96.1	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3000	64.0	95.6	96.4	97.0	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2500	64.2	96.3	97.1	97.7	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000	64.5	96.6	97.5	98.0	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	64.5	96.6	97.5	98.0	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	64.5	96.7	97.5	98.1	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	64.6	96.8	97.6	98.2	98.9	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	64.6	96.9	97.7	98.3	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	64.6	96.9	97.7	98.4	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	64.6	97.0	97.8	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	64.6	97.0	97.8	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	64.6	97.0	97.8	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	64.6	97.0	97.8	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	64.7	97.1	98.0	98.6	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	64.7	97.1	98.0	98.6	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	64.7	97.1	98.0	98.6	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	64.7	97.1	98.0	98.6	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	64.7	97.1	98.0	98.6	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2357

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-71  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	40.0	62.3	64.4	65.7	66.9	67.2	68.1	68.3	68.3	68.8	69.0	69.0	69.2	69.2	69.4	69.7
IV 20000	44.1	68.6	70.8	72.2	73.4	73.7	74.6	74.8	74.8	75.3	75.5	75.5	75.8	75.8	76.0	76.3
IV 18000	44.1	68.7	70.9	72.3	73.5	73.8	74.6	74.9	74.9	75.4	75.6	75.6	75.9	75.9	76.1	76.3
IV 16000	44.2	68.9	71.1	72.5	73.7	74.0	74.8	75.1	75.1	75.6	75.8	75.8	76.1	76.1	76.3	76.5
IV 14000	44.6	69.5	71.6	73.1	74.2	74.6	75.4	75.7	75.7	76.2	76.4	76.4	76.7	76.7	76.8	77.1
IV 12000	46.4	72.1	74.3	75.9	77.1	77.5	78.3	78.6	78.6	79.1	79.3	79.3	79.6	79.6	79.7	80.0
IV 10000	47.6	74.6	77.1	78.7	79.9	80.2	81.1	81.4	81.4	81.8	82.1	82.1	82.3	82.3	82.5	82.8
IV 9000	48.2	75.4	78.0	79.7	81.0	81.3	82.2	82.4	82.4	82.9	83.1	83.1	83.4	83.4	83.6	83.9
IV 8000	49.6	77.7	80.4	82.2	83.6	83.9	84.8	85.1	85.1	85.6	85.8	85.8	86.0	86.0	86.2	86.5
IV 7000	49.8	78.8	81.5	83.3	84.8	85.1	86.0	86.2	86.2	86.7	86.9	86.9	87.2	87.2	87.4	87.7
IV 6000	50.3	79.7	82.5	84.3	85.9	86.2	87.0	87.3	87.3	87.8	88.0	88.0	88.3	88.3	88.5	88.7
IV 5000	51.1	81.4	84.6	86.4	88.1	88.4	89.3	89.5	89.5	90.0	90.3	90.3	90.5	90.5	90.7	91.0
IV 4500	51.7	82.4	85.6	87.4	89.0	89.4	90.3	90.5	90.5	91.0	91.2	91.2	91.5	91.5	91.7	91.9
IV 4000	52.0	83.2	86.6	88.5	90.2	90.5	91.4	91.6	91.6	92.1	92.4	92.4	92.6	92.6	92.8	93.1
IV 3500	52.2	83.8	87.2	89.1	90.8	91.1	92.0	92.3	92.3	92.8	93.0	93.0	93.2	93.2	93.4	93.7
IV 3000	53.0	85.3	88.7	90.6	92.3	92.6	93.5	93.7	93.7	94.2	94.5	94.5	94.7	94.7	94.9	95.2
IV 2500	53.1	85.9	89.4	91.3	93.0	93.3	94.2	94.5	94.5	94.9	95.2	95.2	95.4	95.4	95.6	95.9
IV 2000	53.2	86.5	90.0	92.0	93.7	94.0	94.9	95.2	95.2	95.7	95.9	95.9	96.2	96.2	96.3	96.6
IV 1800	53.2	86.7	90.2	92.2	93.9	94.2	95.1	95.4	95.4	95.9	96.1	96.1	96.4	96.4	96.6	96.9
IV 1500	53.3	87.1	90.7	92.7	94.5	94.8	95.7	95.9	95.9	96.4	96.6	96.6	96.9	96.9	97.1	97.4
IV 1200	53.3	87.3	90.9	93.0	94.7	95.0	95.9	96.2	96.2	96.7	96.9	96.9	97.2	97.2	97.4	97.7
IV 1000	53.4	87.7	91.3	93.4	95.3	95.6	96.5	96.8	96.8	97.3	97.5	97.5	97.8	97.8	97.9	98.3
IV 900	53.5	87.9	91.7	93.9	95.8	96.1	97.0	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.4	98.7
IV 800	53.5	88.0	91.9	94.1	96.0	96.3	97.2	97.5	97.5	98.0	98.2	98.2	98.5	98.5	98.7	99.0
IV 700	53.6	88.1	92.0	94.3	96.2	96.6	97.5	97.7	97.7	98.2	98.4	98.4	98.7	98.7	98.9	99.2
IV 600	53.6	88.2	92.3	94.5	96.5	96.9	97.8	98.0	98.0	98.5	98.7	98.7	99.0	99.0	99.2	99.5
IV 500	53.6	88.2	92.4	94.6	96.6	97.0	97.9	98.2	98.2	98.7	98.9	98.9	99.2	99.2	99.4	99.7
IV 400	53.6	88.2	92.4	94.6	96.6	97.0	98.0	98.3	98.3	98.8	99.0	99.0	99.3	99.3	99.5	99.8
IV 300	53.6	88.2	92.4	94.7	96.7	97.0	98.0	98.3	98.3	98.8	99.0	99.0	99.3	99.3	99.5	99.8
IV 200	53.6	88.2	92.4	94.7	96.7	97.0	98.0	98.3	98.3	98.8	99.0	99.0	99.3	99.3	99.5	99.8
IV 100	53.6	88.2	92.4	94.7	96.7	97.0	98.0	98.3	98.3	98.8	99.0	99.0	99.3	99.3	99.6	99.9
IV 0	53.6	88.2	92.4	94.7	96.7	97.0	98.0	98.3	98.3	98.8	99.0	99.0	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2236

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	32.5	52.3	55.0	57.0	58.2	58.5	59.7	60.3	60.3	61.2	61.6	61.7	62.4	62.5	63.4	64.3
IV 20000	35.9	57.8	60.6	62.9	64.1	64.4	65.6	66.2	66.2	67.2	67.6	67.7	68.5	68.6	69.6	70.5
IV 18000	36.2	58.3	61.1	63.4	64.6	64.9	66.2	66.7	66.8	67.7	68.2	68.2	69.0	69.1	70.1	71.0
IV 16000	36.2	58.3	61.1	63.4	64.6	64.9	66.2	66.7	66.8	67.7	68.2	68.2	69.0	69.1	70.1	71.0
IV 14000	36.6	59.0	61.8	64.1	65.3	65.6	66.9	67.4	67.5	68.4	68.8	68.9	69.7	69.8	70.8	71.8
IV 12000	38.3	61.5	64.4	66.7	68.0	68.3	69.6	70.1	70.2	71.1	71.6	71.7	72.4	72.5	73.6	74.5
IV 10,000	40.1	65.0	68.1	70.4	71.8	72.1	73.4	73.9	74.0	74.9	75.4	75.5	76.2	76.3	77.4	78.3
IV 9000	40.6	65.8	68.9	71.3	72.7	73.0	74.3	74.8	74.9	75.8	76.3	76.4	77.1	77.2	78.3	79.3
IV 8000	42.4	68.8	72.0	74.6	76.2	76.5	77.8	78.3	78.4	79.3	79.8	79.9	80.6	80.7	81.8	82.8
IV 7000	43.3	70.5	73.7	76.3	77.9	78.2	79.5	80.0	80.1	81.1	81.5	81.6	82.3	82.5	83.5	84.5
IV 6000	44.2	72.2	75.4	78.0	79.6	79.9	81.2	81.8	81.8	82.8	83.2	83.3	84.1	84.2	85.2	86.2
IV 5000	45.0	74.2	77.4	80.2	81.7	82.1	83.4	83.9	84.0	85.0	85.4	85.5	86.2	86.3	87.4	88.4
IV 4500	45.4	74.8	78.3	81.1	82.6	83.0	84.3	84.8	84.9	85.9	86.3	86.4	87.1	87.3	88.3	89.3
IV 4000	46.0	76.3	80.0	82.8	84.4	84.8	86.1	86.6	86.7	87.7	88.1	88.2	88.9	89.1	90.1	91.1
IV 3500	46.3	77.3	81.0	83.9	85.6	86.0	87.3	87.9	87.9	88.9	89.3	89.4	90.2	90.4	91.4	92.4
IV 3000	46.8	78.2	82.1	85.0	86.7	87.1	88.4	89.0	89.1	90.0	90.4	90.5	91.4	91.5	92.5	93.5
IV 2500	47.0	78.7	82.6	85.6	87.3	87.6	88.9	89.5	89.6	90.5	91.0	91.1	91.9	92.0	93.1	94.1
IV 2000	47.1	79.3	83.2	86.2	87.9	88.2	89.5	90.1	90.2	91.1	91.6	91.7	92.5	92.7	93.7	94.7
IV 1800	47.1	79.5	83.4	86.4	88.1	88.5	89.8	90.3	90.4	91.4	91.8	91.9	92.7	92.9	93.9	94.9
IV 1500	47.3	79.9	83.9	86.8	88.5	88.9	90.3	90.8	90.9	91.9	92.4	92.4	93.3	93.4	94.4	95.4
IV 1200	47.4	80.4	84.6	87.6	89.3	89.7	91.1	91.6	91.7	92.7	93.1	93.2	94.0	94.2	95.2	96.2
IV 1000	47.5	80.9	85.1	88.1	89.9	90.3	91.7	92.2	92.3	93.3	93.7	93.8	94.6	94.8	95.8	96.8
IV 900	47.6	81.1	85.3	88.3	90.1	90.5	91.9	92.5	92.6	93.6	94.0	94.1	94.9	95.1	96.1	97.1
IV 800	47.6	81.4	85.6	88.7	90.5	90.9	92.3	92.9	93.0	94.0	94.5	94.6	95.4	95.5	96.5	97.5
IV 700	47.7	81.5	85.7	88.8	90.6	91.1	92.4	93.1	93.2	94.2	94.6	94.7	95.5	95.7	96.7	97.7
IV 600	47.7	81.6	85.9	89.2	91.1	91.5	92.9	93.5	93.6	94.6	95.1	95.2	96.0	96.1	97.1	98.1
IV 500	47.7	81.7	86.0	89.3	91.4	91.8	93.2	94.0	94.1	95.2	95.6	95.7	96.5	96.7	97.7	98.7
IV 400	47.7	81.8	86.1	89.5	91.5	91.9	93.3	94.1	94.2	95.3	95.8	95.9	96.7	96.8	97.9	98.9
IV 200	47.7	81.8	86.1	89.5	91.5	92.0	93.3	94.2	94.3	95.4	95.9	95.9	96.8	96.9	97.9	98.9
IV 100	47.7	81.8	86.2	89.5	91.6	92.0	93.4	94.2	94.3	95.5	96.0	96.1	96.9	97.0	98.1	99.1
IV 0	47.7	81.8	86.2	89.5	91.6	92.0	93.4	94.2	94.3	95.5	96.0	96.1	96.9	97.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2314

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
 HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	25.4	44.0	46.0	47.6	49.0	49.7	50.4	51.2	51.3	51.8	52.1	52.1	52.7	52.7	52.9	54.1
IV 20000	31.1	53.3	55.8	57.9	59.5	60.3	61.1	61.9	62.0	62.7	63.1	63.1	63.7	63.7	64.1	65.4
IV 18000	31.1	53.4	55.9	58.0	59.6	60.4	61.1	62.0	62.1	62.8	63.2	63.2	63.8	63.8	64.1	65.5
IV 16000	31.2	53.5	56.0	58.1	59.8	60.5	61.3	62.2	62.3	62.9	63.4	63.4	64.0	64.0	64.3	65.6
IV 14000	31.7	54.1	56.6	58.8	60.5	61.3	62.1	62.9	63.0	63.7	64.1	64.1	64.8	64.8	65.1	66.4
IV 12000	33.1	56.5	59.0	61.2	63.0	63.8	64.6	65.5	65.6	66.3	66.7	66.7	67.4	67.4	67.7	69.0
IV 10000	35.3	60.6	63.3	65.6	67.6	68.4	69.3	70.2	70.3	70.9	71.4	71.4	72.1	72.1	72.4	73.7
IV 9000	35.7	61.5	64.3	66.6	68.6	69.5	70.3	71.2	71.3	72.0	72.5	72.5	73.2	73.2	73.5	74.8
IV 8000	37.3	64.5	67.8	70.4	72.5	73.4	74.4	75.3	75.4	76.1	76.6	76.6	77.3	77.3	77.6	78.9
IV 7000	38.6	66.8	70.1	72.9	75.1	76.0	77.0	77.9	78.0	78.7	79.2	79.2	79.9	79.9	80.2	81.6
IV 6000	39.5	68.4	72.0	74.8	77.1	78.1	79.1	80.0	80.1	80.8	81.3	81.3	82.0	82.0	82.3	83.6
IV 5000	40.3	70.7	74.4	77.4	79.6	80.7	81.6	82.6	82.7	83.5	84.0	84.0	84.6	84.6	85.0	86.3
IV 4500	40.6	70.9	74.6	77.6	79.9	81.0	81.9	82.9	83.0	83.8	84.2	84.2	84.9	84.9	85.2	86.6
IV 4000	41.4	72.4	76.2	79.3	81.6	82.7	83.6	84.6	84.7	85.5	86.0	86.0	86.7	86.7	87.0	88.3
IV 3500	41.9	73.2	77.0	80.2	82.5	83.6	84.6	85.6	85.7	86.5	87.0	87.0	87.7	87.7	88.0	89.3
IV 3000	42.7	74.3	78.1	81.3	83.7	84.8	85.8	86.8	86.9	87.7	88.2	88.2	88.9	88.9	89.2	90.6
IV 2500	43.0	74.9	78.8	82.0	84.5	85.7	86.6	87.6	87.7	88.5	89.0	89.0	89.7	89.7	90.0	91.4
IV 2000	43.3	75.6	79.7	82.9	85.4	86.5	87.6	88.6	88.7	89.5	90.0	90.0	90.8	90.8	91.1	92.4
IV 1800	43.4	75.9	79.9	83.2	85.7	86.8	87.9	88.9	89.0	89.8	90.3	90.3	91.0	91.0	91.4	92.7
IV 1500	43.6	76.7	80.8	84.0	86.6	87.7	88.8	89.8	89.9	90.8	91.2	91.2	92.0	92.0	92.3	93.6
IV 1200	43.9	77.3	81.6	84.8	87.3	88.5	89.5	90.6	90.7	91.5	92.0	92.0	92.7	92.7	93.0	94.4
IV 1000	44.3	78.1	82.4	85.7	88.5	89.7	91.0	92.1	92.2	93.1	93.6	93.6	94.3	94.3	94.7	96.0
IV 900	44.3	78.1	82.5	85.9	88.7	89.9	91.2	92.3	92.4	93.3	93.8	93.8	94.6	94.6	94.9	96.2
IV 800	44.5	78.7	83.1	86.5	89.3	90.6	91.8	93.0	93.1	94.0	94.5	94.5	95.3	95.3	95.6	96.9
IV 700	44.6	79.0	83.6	87.0	89.9	91.1	92.4	93.6	93.7	94.7	95.2	95.2	95.9	95.9	96.3	97.6
IV 600	44.6	79.2	83.9	87.4	90.3	91.6	93.1	94.3	94.4	95.4	96.0	96.0	96.7	96.7	97.1	98.4
IV 500	44.6	79.3	84.0	87.5	90.5	91.9	93.4	94.7	94.8	95.9	96.4	96.4	97.2	97.2	97.5	98.8
IV 400	44.6	79.3	84.0	87.6	90.5	91.9	93.4	94.7	94.9	96.0	96.6	96.6	97.3	97.3	97.7	99.0
IV 300	44.6	79.3	84.1	87.7	90.6	92.0	93.5	94.8	95.0	96.1	96.7	96.7	97.4	97.4	97.8	99.2
IV 200	44.6	79.3	84.1	87.7	90.6	92.0	93.6	94.9	95.0	96.1	96.7	96.7	97.5	97.5	97.9	99.4
IV 100	44.6	79.3	84.1	87.7	90.6	92.0	93.6	94.9	95.0	96.1	96.7	96.7	97.5	97.5	97.9	99.5
IV 0	44.6	79.3	84.1	87.7	90.6	92.0	93.6	94.9	95.0	96.1	96.7	96.7	97.5	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2488

USAF ETAC FORM 0-14.5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FURT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.1	54.1	55.9	56.8	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 20000	42.4	63.9	66.3	67.4	67.9	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 18000	42.5	64.0	66.4	67.5	68.0	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 16000	42.5	64.1	66.4	67.6	68.0	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 14000	43.1	65.0	67.4	68.5	69.0	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 12000	44.7	67.2	69.7	70.9	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 10000	46.8	70.9	73.5	74.8	75.4	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 9000	47.5	71.8	74.4	75.7	76.3	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 8000	48.9	74.9	77.2	78.6	79.3	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 7000	49.8	76.3	79.1	80.5	81.3	81.5	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 6000	50.9	78.4	81.3	82.7	83.5	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000	52.0	80.4	83.5	84.9	85.7	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	52.2	80.8	83.8	85.3	86.1	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	52.7	81.9	84.9	86.5	87.3	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 3500	53.2	82.5	85.6	87.2	88.0	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	53.9	83.8	86.9	88.5	89.3	89.6	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	54.2	84.6	87.7	89.4	90.2	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	55.3	86.8	89.9	91.6	92.5	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	55.5	87.2	90.3	92.0	92.8	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1500	55.9	88.5	91.7	93.4	94.3	94.6	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	56.5	89.5	92.8	94.5	95.5	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	56.8	90.2	93.5	95.3	96.5	96.9	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IV 900	56.9	90.3	93.7	95.5	96.8	97.2	97.4	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 800	56.9	90.7	94.1	96.0	97.4	97.9	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	57.0	90.9	94.4	96.3	97.7	98.4	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	57.1	91.0	94.4	96.4	97.9	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
IV 500	57.1	91.1	94.5	96.5	98.0	98.7	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 400	57.1	91.1	94.6	96.5	98.0	98.8	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	57.1	91.1	94.6	96.5	98.1	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	57.1	91.1	94.6	96.5	98.1	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	57.1	91.1	94.6	96.5	98.1	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	57.1	91.1	94.6	96.5	98.1	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2485

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF

37-53,62-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS(UT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.9	56.6	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 20000	48.3	67.7	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 18000	48.3	67.7	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 16000	48.4	67.8	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 14000	48.7	68.3	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 12000	50.5	71.1	71.6	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
IV 10000	52.3	74.9	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 9000	53.0	75.7	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 8000	54.4	78.1	78.7	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	55.1	79.3	79.9	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 6000	56.2	81.2	82.0	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 5000	57.4	83.1	83.8	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	58.6	84.3	85.0	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4000	60.0	86.2	87.0	87.5	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500	60.8	87.3	88.0	88.5	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	62.2	89.2	90.0	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	63.7	91.3	92.2	92.8	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	64.9	93.4	94.4	95.0	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1800	65.1	93.9	94.9	95.6	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	65.8	95.1	96.1	96.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	66.1	95.9	97.1	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	66.4	96.3	97.5	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 900	66.4	96.3	97.5	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 800	66.4	96.3	97.5	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 700	66.4	96.5	97.7	98.5	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 600	66.4	96.5	97.8	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 500	66.4	96.5	97.8	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 400	66.4	96.5	97.8	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	66.4	96.5	97.8	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 200	66.4	96.5	97.8	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 100	66.4	96.5	97.8	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 0	66.4	96.5	97.8	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2480



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	46.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 20000	55.3	73.0	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 18000	55.4	73.1	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 16000	55.4	73.2	73.6	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
IV 14000	55.9	73.8	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 12000	57.1	76.0	76.5	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
IV 10000	58.7	79.5	80.1	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
IV 9000	59.4	80.6	81.2	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
IV 8000	61.0	82.8	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 7000	62.0	84.0	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 6000	62.7	85.1	85.9	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
IV 5000	64.5	87.4	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	64.8	87.7	88.6	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
IV 4000	66.7	90.3	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 3500	67.4	91.2	92.2	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
IV 3000	68.6	93.0	94.0	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2500	69.8	94.5	95.6	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	70.4	95.7	96.8	97.4	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1800	70.4	96.0	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	70.7	96.6	97.7	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	70.8	96.8	97.9	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	70.8	97.0	98.1	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	70.8	97.0	98.1	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	70.8	97.1	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	70.8	97.1	98.2	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	70.8	97.1	98.2	98.8	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 400	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2475

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-46,48-53,62-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ 5/16	≥ .25	≥ 0	
NO CEILING	46.6	65.5	66.0	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
IV 20000	54.3	75.5	76.1	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 18000	54.3	75.6	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 16000	54.4	75.7	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 14000	54.9	76.3	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 12000	56.3	78.4	79.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 10000	57.8	81.6	82.4	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 9000	58.3	82.6	83.4	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 8000	59.2	84.4	85.3	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 7000	60.6	86.3	87.3	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 6000	61.4	87.5	88.5	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 5000	62.7	89.6	90.6	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4500	62.8	89.8	90.9	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4000	63.8	91.4	92.5	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0
IV 3500	64.2	92.1	93.4	94.2	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3000	64.8	93.2	94.5	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2500	65.1	94.5	95.8	96.7	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
IV 2000	65.2	94.8	96.2	97.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	65.2	95.0	96.4	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
IV 1500	65.3	95.3	96.7	97.7	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	65.3	95.5	96.9	97.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
IV 1000	65.4	95.8	97.2	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4
IV 900	65.4	95.8	97.2	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4
IV 800	65.4	95.8	97.3	98.3	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6
IV 700	65.4	95.9	97.4	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 600	65.4	95.9	97.4	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 500	65.4	95.9	97.4	98.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
IV 400	65.4	95.9	97.4	98.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
IV 300	65.4	95.9	97.4	98.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
IV 200	65.4	95.9	97.4	98.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
IV 100	65.4	95.9	97.4	98.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
IV 0	65.4	95.9	97.4	98.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2347

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-46,48-53,62-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.5	69.4	70.9	71.8	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8
IV 20000	50.4	76.4	78.0	79.0	79.7	79.7	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
IV 18500	50.4	76.4	78.0	79.0	79.7	79.7	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
IV 16000	50.6	76.7	78.2	79.2	79.9	79.9	80.0	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2
IV 14000	51.1	77.2	78.7	79.8	80.5	80.5	80.6	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8
IV 12000	52.2	79.0	80.6	81.6	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 10000	53.6	81.6	83.2	84.2	85.1	85.1	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	54.1	82.5	84.1	85.1	86.1	86.1	86.2	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4
IV 8000	55.1	84.3	86.1	87.1	88.1	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 7000	55.7	85.7	87.4	88.4	89.5	89.5	89.6	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 6000	55.9	86.3	88.1	89.1	90.2	90.3	90.4	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6
IV 5000	56.7	87.6	89.5	90.7	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3
IV 4500	57.0	87.9	89.9	91.0	92.3	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4000	57.6	88.9	90.9	92.2	93.5	93.6	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 3500	58.0	89.6	91.6	92.9	94.2	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7
IV 3000	58.5	90.9	93.0	94.2	95.6	95.7	95.8	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IV 2500	58.5	91.8	94.0	95.2	96.6	96.7	96.9	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	58.7	92.3	94.6	95.9	97.3	97.4	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0
IV 1800	58.7	92.3	94.6	95.9	97.3	97.4	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0
IV 1500	58.7	92.5	94.9	96.3	97.7	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 1200	58.7	92.5	94.9	96.4	97.9	98.0	98.2	98.2	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6
IV 1000	58.7	92.9	95.3	96.8	98.5	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 900	58.7	92.9	95.3	96.9	98.6	98.6	98.7	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4
IV 800	58.7	93.0	95.5	97.1	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6
IV 700	58.7	93.0	95.6	97.2	99.0	99.0	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	58.7	93.0	95.6	97.2	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 500	58.7	93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 400	58.7	93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	58.7	93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	58.7	93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	58.7	93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	58.7	93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2287

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0	
NO CEILING	39.8	60.1	62.3	63.8	65.3	65.3	66.2	66.5	67.1	67.4	67.5	68.3	68.3	68.5	69.0	
IV 20000	42.8	65.1	67.5	69.1	70.7	70.8	71.6	72.0	72.6	72.9	73.0	73.8	73.8	74.2	74.6	
IV 18000	42.9	65.2	67.6	69.2	70.8	70.9	71.8	72.1	72.7	73.1	73.1	73.9	74.0	74.3	74.7	
IV 16000	43.0	65.3	67.7	69.3	70.9	71.0	71.9	72.2	72.8	73.1	73.2	74.0	74.1	74.4	74.8	
IV 14000	43.8	66.5	68.9	70.5	72.1	72.3	73.1	73.4	74.0	74.4	74.5	75.3	75.3	75.6	76.1	
IV 12000	45.1	68.1	70.6	72.2	73.8	73.9	74.8	75.1	75.7	76.1	76.2	76.9	77.0	77.3	77.7	
IV 10000	46.1	70.0	72.5	74.4	76.0	76.2	77.0	77.3	77.9	78.3	78.4	79.2	79.2	79.5	80.0	
IV 9000	46.2	70.0	72.6	74.5	76.1	76.3	77.2	77.5	78.1	78.5	78.5	79.3	79.4	79.7	80.1	
IV 8000	46.8	72.0	74.8	76.7	78.4	78.5	79.4	79.8	80.4	80.7	81.0	81.6	81.9	82.0	82.4	
IV 7000	47.3	73.1	75.9	77.9	79.6	79.8	80.7	81.1	81.8	81.8	82.0	82.7	82.8	83.2	83.6	
IV 6000	47.5	73.7	76.6	78.5	80.2	80.4	81.4	81.7	82.3	82.3	82.7	82.8	83.6	83.6	84.4	
IV 5000	48.5	75.4	78.3	80.2	81.9	82.1	83.1	83.4	83.4	84.0	84.4	84.5	85.3	85.3	86.1	
IV 4500	48.9	76.4	79.3	81.4	83.1	83.3	84.2	84.6	84.6	85.2	85.5	85.6	86.4	86.5	87.2	
IV 4000	49.1	77.1	80.1	82.4	84.1	84.3	85.2	85.5	85.5	86.2	86.5	86.6	87.4	87.5	88.2	
IV 3500	49.6	78.1	81.1	83.4	85.1	85.3	86.2	86.6	86.6	87.2	87.6	87.7	88.5	88.5	89.2	
IV 3000	50.1	79.2	82.4	85.0	86.8	86.9	87.9	88.2	88.2	88.8	89.2	89.3	90.1	90.1	90.9	
IV 2500	50.2	80.2	83.5	86.2	87.9	88.1	89.1	89.4	89.4	90.0	90.5	90.6	91.4	91.4	92.2	
IV 2000	50.5	81.5	84.8	87.5	89.2	89.4	90.3	90.7	90.7	91.3	91.7	91.8	92.6	92.7	93.4	
IV 1800	50.5	81.6	85.0	87.7	89.4	89.6	90.6	90.9	90.9	91.5	92.0	92.1	92.9	92.9	93.7	
IV 1500	50.6	82.2	85.7	88.4	90.3	90.5	91.5	91.8	91.8	92.4	92.9	93.0	93.8	93.8	94.6	
IV 1200	50.8	83.2	86.8	89.6	91.6	91.8	92.8	93.1	93.1	93.8	94.2	94.3	95.1	95.1	95.9	
IV 1000	50.9	83.8	87.4	90.2	92.3	92.5	93.5	93.9	93.9	94.5	94.9	95.0	95.8	95.9	96.6	
IV 900	51.0	83.9	87.6	90.4	92.5	92.7	93.8	94.2	94.2	94.8	95.3	95.4	96.2	96.2	96.9	
IV 800	51.1	84.2	87.9	90.8	93.0	93.2	94.4	94.8	94.8	95.4	95.8	95.9	96.7	96.8	97.5	
IV 700	51.2	84.3	88.1	91.0	93.4	93.7	95.0	95.4	95.4	96.0	96.4	96.5	97.3	97.4	98.1	
IV 600	51.2	84.6	88.5	91.4	93.8	94.2	95.5	95.9	95.9	96.5	96.9	97.0	97.8	97.9	98.6	
IV 500	51.2	84.7	88.6	91.5	94.1	94.4	95.7	96.2	96.2	96.9	97.4	97.5	98.3	98.3	99.1	
IV 400	51.2	84.8	88.7	91.7	94.3	94.6	96.0	96.4	96.5	97.2	97.7	97.8	98.6	98.6	99.4	
IV 300	51.2	84.8	88.7	91.7	94.4	94.7	96.1	96.5	96.6	97.3	97.8	98.0	98.8	98.8	99.6	
IV 200	51.2	84.8	88.7	91.8	94.5	94.8	96.2	96.6	96.7	97.4	97.9	98.1	98.9	98.9	99.8	
IV 100	51.2	84.8	88.7	91.8	94.5	94.8	96.2	96.6	96.7	97.4	98.0	98.2	99.0	99.0	99.9	
IV 0	51.2	84.8	88.7	91.8	94.5	94.8	96.2	96.6	96.7	97.4	98.0	98.2	99.0	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 2130

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-53,62-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500  
MO. VS. LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	33.5	52.8	55.9	58.1	59.8	60.0	61.6	61.9	62.0	63.0	63.9	63.9	65.1	65.1	65.8	67.3
IV 20000	35.7	56.7	60.3	62.5	64.3	64.5	66.2	66.5	66.5	67.6	68.5	68.6	69.7	69.8	70.4	72.0
IV 18000	36.0	57.0	60.6	62.7	64.6	64.8	66.4	66.7	66.8	67.9	68.8	68.8	70.0	70.0	70.7	72.3
IV 16000	36.1	57.1	60.7	62.9	64.7	65.0	66.6	66.9	67.0	68.1	69.0	69.0	70.2	70.2	70.9	72.5
IV 14000	36.4	57.8	61.4	63.6	65.5	65.7	67.3	67.6	67.7	68.8	69.7	69.7	70.9	70.9	71.6	73.2
IV 12000	37.4	59.4	63.0	65.3	67.1	67.4	69.0	69.3	69.4	70.5	71.4	71.4	72.6	72.6	73.3	74.9
IV 10000	38.3	61.2	65.0	67.4	69.2	69.5	71.1	71.4	71.5	72.6	73.5	73.5	74.7	74.7	75.4	77.0
IV 9000	38.6	61.8	65.8	68.2	70.0	70.3	71.9	72.2	72.3	73.4	74.3	74.3	75.5	75.5	76.2	77.8
IV 8000	39.3	63.8	67.9	70.4	72.3	72.5	74.1	74.4	74.5	75.6	76.5	76.5	77.7	77.7	78.4	80.0
IV 7000	40.0	65.1	69.2	71.7	73.5	73.8	75.4	75.7	75.8	76.9	77.8	77.9	79.0	79.1	79.7	81.3
IV 6000	40.5	66.4	70.6	73.1	75.0	75.2	77.0	77.3	77.4	78.5	79.4	79.5	80.7	80.7	81.4	83.0
IV 5000	41.3	68.2	72.5	75.0	76.9	77.1	78.9	79.2	79.2	80.4	81.3	81.4	82.5	82.6	83.2	84.8
IV 4500	41.7	69.1	73.3	75.9	77.9	78.1	79.9	80.2	80.3	81.4	82.3	82.4	83.5	83.6	84.3	85.9
IV 4000	42.3	70.6	75.0	77.5	79.5	79.7	81.6	81.9	81.9	83.2	84.1	84.2	85.3	85.4	86.0	87.6
IV 3500	42.5	71.0	75.4	77.9	80.0	80.3	82.1	82.4	82.5	83.7	84.7	84.7	85.9	85.9	86.6	88.2
IV 3000	42.8	71.6	76.1	78.7	80.8	81.0	82.9	83.2	83.2	84.5	85.5	85.5	86.7	86.7	87.4	89.0
IV 2500	43.3	73.0	77.5	80.1	82.3	82.5	84.3	84.7	84.7	85.9	87.0	87.1	88.2	88.3	88.9	90.5
IV 2000	43.6	74.1	78.7	81.3	83.6	83.8	85.7	86.0	86.1	87.3	88.4	88.4	89.6	89.6	90.3	91.9
IV 1800	43.7	74.3	78.8	81.6	83.7	83.9	85.9	86.2	86.2	87.5	88.5	88.6	89.7	89.8	90.4	92.0
IV 1500	43.8	75.0	79.5	82.3	84.6	84.8	86.7	87.0	87.1	88.3	89.3	89.4	90.6	90.6	91.3	92.9
IV 1200	44.1	75.7	80.5	83.3	85.6	85.8	87.8	88.1	88.2	89.4	90.4	90.5	91.7	91.7	92.4	94.0
IV 1000	44.1	76.3	81.1	84.0	86.4	86.7	88.8	89.2	89.2	90.4	91.5	91.6	92.7	92.8	93.4	95.0
IV 900	44.1	76.6	81.4	84.3	86.9	87.2	89.3	89.6	89.6	90.9	91.9	92.0	93.2	93.2	93.9	95.5
IV 800	44.1	76.9	81.9	84.9	87.6	87.9	90.0	90.4	90.4	91.6	92.7	92.8	94.0	94.0	94.7	96.3
IV 700	44.2	77.3	82.3	85.3	88.1	88.4	90.7	91.0	91.0	92.3	93.3	93.4	94.6	94.6	95.3	96.9
IV 600	44.2	77.5	82.6	85.7	88.6	89.0	91.2	91.6	91.6	92.8	93.9	94.0	95.2	95.2	95.9	97.5
IV 500	44.2	77.6	82.7	85.9	88.9	89.2	91.6	91.9	91.9	93.2	94.2	94.3	95.5	95.6	96.2	97.8
IV 400	44.2	77.8	82.9	86.1	89.3	89.6	92.0	92.3	92.3	93.6	94.7	94.8	96.0	96.1	96.8	98.4
IV 300	44.2	77.9	83.0	86.2	89.4	89.8	92.1	92.4	92.5	93.9	95.0	95.1	96.4	96.5	97.2	98.8
IV 200	44.2	77.9	83.0	86.3	89.6	89.9	92.2	92.6	92.7	94.2	95.3	95.4	96.8	96.9	97.6	99.3
IV 100	44.2	77.9	83.0	86.3	89.6	89.9	92.2	92.6	92.7	94.2	95.3	95.4	96.8	96.9	97.7	99.4
IV 0	44.2	77.9	83.0	86.3	89.6	89.9	92.2	92.6	92.7	94.2	95.3	95.4	96.8	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53-62-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	27.0	44.4	47.0	48.7	50.5	50.7	51.3	51.5	51.5	52.2	52.6	52.8	53.5	53.6	54.4	56.2
IV 20000	30.4	50.2	53.2	55.2	57.1	57.3	58.0	58.3	58.4	59.1	59.5	59.7	60.4	60.5	61.3	63.2
IV 18000	30.7	50.4	53.5	55.4	57.3	57.6	58.3	58.6	58.6	59.3	59.7	59.9	60.7	60.8	61.6	63.5
IV 16000	30.9	50.7	53.7	55.6	57.5	57.8	58.5	58.8	58.8	59.5	59.9	60.1	60.9	61.0	61.8	63.7
IV 14000	31.5	51.7	54.7	56.7	58.6	58.8	59.5	59.8	59.9	60.6	61.0	61.2	61.9	62.0	62.8	64.8
IV 12000	32.5	53.5	56.5	58.5	60.5	60.7	61.4	61.7	61.8	62.5	62.9	63.1	63.9	63.9	64.8	66.7
IV 10000	33.7	56.5	59.6	61.6	63.6	63.9	64.6	64.9	65.0	65.7	66.1	66.3	67.1	67.2	68.0	69.9
IV 9000	34.0	57.0	60.2	62.2	64.3	64.7	65.4	65.6	65.7	66.5	66.9	67.1	67.8	67.9	68.7	70.7
IV 8000	34.8	58.8	62.2	64.3	66.6	67.0	67.7	68.1	68.2	68.9	69.4	69.6	70.3	70.4	71.2	73.1
IV 7000	35.8	61.1	64.6	66.7	69.2	69.6	70.3	70.7	70.8	71.6	72.0	72.2	72.9	73.0	73.8	75.8
IV 6000	36.5	62.8	66.5	68.7	71.2	71.6	72.4	72.7	72.8	73.6	74.0	74.2	75.0	75.1	75.9	77.8
IV 5000	37.1	64.2	68.1	70.5	73.0	73.5	74.2	74.6	74.7	75.5	75.9	76.1	76.9	77.0	77.8	79.7
IV 4500	37.2	64.7	68.7	71.1	73.8	74.2	75.0	75.4	75.5	76.3	76.7	76.9	77.7	77.8	78.6	80.5
IV 4000	37.7	65.9	70.0	72.4	75.2	75.6	76.4	76.8	76.9	77.8	78.2	78.4	79.2	79.3	80.1	82.0
IV 3500	37.9	66.2	70.3	72.7	75.5	75.9	76.7	77.1	77.2	78.0	78.5	78.6	79.5	79.5	80.4	82.3
IV 3000	38.5	67.5	71.5	74.0	76.8	77.2	78.0	78.4	78.5	79.3	79.8	80.0	80.8	80.8	81.7	83.6
IV 2500	38.9	68.6	72.7	75.1	78.0	78.4	79.3	79.7	79.8	80.6	81.1	81.3	82.1	82.2	83.0	84.9
IV 2000	39.3	69.8	73.9	76.4	79.3	79.7	80.6	81.1	81.2	82.0	82.5	82.6	83.5	83.5	84.4	86.3
IV 1800	39.4	70.4	74.5	77.1	80.0	80.4	81.3	81.8	81.9	82.7	83.2	83.3	84.1	84.2	85.0	87.0
IV 1500	40.1	71.8	76.1	78.6	81.5	82.0	82.9	83.4	83.5	84.4	84.8	85.0	85.8	85.9	86.7	88.6
IV 1200	40.5	72.5	76.9	79.5	82.4	82.8	83.8	84.3	84.4	85.4	85.8	86.0	86.8	86.9	87.7	89.6
IV 1000	40.9	73.7	78.2	80.8	84.0	84.4	85.6	86.1	86.3	87.2	87.7	87.9	88.7	88.8	89.6	91.5
IV 900	41.1	74.2	78.6	81.4	84.5	85.0	86.1	86.7	86.8	87.8	88.3	88.5	89.3	89.4	90.2	92.1
IV 800	41.3	74.9	79.9	82.8	86.0	86.6	87.9	88.4	88.6	89.7	90.2	90.4	91.3	91.4	92.2	94.1
IV 700	41.4	75.5	80.5	83.5	86.8	87.3	88.7	89.2	89.4	90.5	91.0	91.2	92.1	92.2	93.0	94.9
IV 600	41.5	75.8	81.1	84.1	87.5	88.3	89.7	90.3	90.5	91.6	92.1	92.3	93.2	93.3	94.1	96.0
IV 500	41.5	76.1	81.5	84.8	88.2	89.0	90.5	91.3	91.5	92.6	93.2	93.3	94.3	94.3	95.2	97.1
IV 400	41.5	76.1	81.6	85.0	88.5	89.4	91.2	92.0	92.3	93.4	93.9	94.1	95.0	95.1	96.0	97.9
IV 300	41.5	76.1	81.6	85.0	88.6	89.5	91.4	92.3	92.7	93.8	94.4	94.6	95.6	95.6	96.6	98.6
IV 200	41.5	76.1	81.6	85.0	88.6	89.5	91.4	92.4	92.8	93.9	94.5	94.7	95.7	95.8	96.8	98.9
IV 100	41.5	76.1	81.6	85.0	88.6	89.5	91.4	92.4	92.8	93.9	94.5	94.7	95.8	95.8	97.0	99.2
IV 0	41.5	76.1	81.6	85.0	88.6	89.5	91.4	92.4	92.8	93.9	94.5	94.7	95.8	95.8	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2454



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

MO. 05.15.11

CEILING (FEET)	VISIBILITY (STATUTE MILES);															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	36.3	54.4	55.6	56.1	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 20000	41.2	61.7	63.0	63.6	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 18000	41.2	61.8	63.1	63.7	64.0	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	41.4	62.0	63.3	63.9	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 14000	42.0	63.1	64.4	65.0	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 12000	43.5	65.4	66.7	67.3	67.7	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 10000	44.4	67.5	68.8	69.5	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 9000	44.8	68.2	69.5	70.3	70.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
IV 8000	45.3	69.8	71.2	71.9	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 7000	46.4	72.1	73.5	74.4	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 6000	46.8	73.2	74.6	75.5	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 5000	47.3	74.3	75.8	76.8	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4500	47.5	74.8	76.2	77.2	77.9	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4000	48.4	76.4	77.9	78.9	79.7	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 3500	48.9	77.3	78.8	79.9	80.6	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3000	50.4	79.5	81.0	82.1	82.9	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2500	51.0	80.9	82.4	83.5	84.3	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2000	51.7	82.2	83.8	84.9	85.8	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1800	51.8	82.5	84.2	85.4	86.2	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1500	52.5	84.1	85.9	87.2	88.1	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	53.2	86.3	88.1	89.7	90.8	91.2	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1000	54.0	88.7	90.7	92.5	93.6	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 900	54.1	89.2	91.2	93.1	94.4	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
IV 800	54.3	90.1	92.2	94.2	95.8	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IV 700	54.4	90.6	92.8	94.8	96.4	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IV 600	54.5	91.1	93.2	95.4	97.1	97.5	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	54.5	91.3	93.5	95.9	97.6	98.2	98.7	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 400	54.5	91.4	93.6	96.1	97.9	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	54.5	91.4	93.6	96.2	97.9	98.5	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	54.5	91.4	93.6	96.2	97.9	98.5	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 100	54.5	91.4	93.6	96.2	97.9	98.5	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	54.5	91.4	93.6	96.2	97.9	98.5	99.0	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2444

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-5362-72

SEP

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.6	55.7	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 20000	46.3	64.4	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 18000	46.7	64.8	65.1	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
IV 16000	46.9	65.1	65.4	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
IV 14000	47.7	65.9	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 12000	49.7	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 10000	50.6	70.5	70.9	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
IV 9000	50.8	71.1	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 8000	51.6	72.9	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 7000	52.7	74.8	75.2	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
IV 6000	53.2	76.0	76.5	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
IV 5000	54.0	77.6	78.0	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 4500	54.3	78.1	78.5	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4000	55.0	79.6	80.1	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3500	55.9	80.9	81.6	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
IV 3000	57.1	83.4	84.2	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2500	58.7	86.6	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	59.9	89.0	90.0	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1800	60.2	89.7	90.7	91.1	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1500	61.2	91.7	92.8	93.3	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1200	61.5	93.2	94.3	94.9	95.3	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 1000	61.7	94.6	95.7	96.4	96.9	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	61.8	94.7	95.8	96.6	97.2	97.3	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	61.9	95.2	96.4	97.3	98.1	98.4	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	62.0	95.3	96.5	97.4	98.2	98.5	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	62.0	95.3	96.8	97.7	98.6	98.9	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	62.0	95.6	96.9	97.9	98.9	99.1	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	62.0	95.6	96.9	98.0	98.9	99.3	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	62.0	95.6	96.9	98.0	98.9	99.3	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	62.0	95.6	96.9	98.0	98.9	99.3	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	62.0	95.6	96.9	98.0	98.9	99.3	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	62.0	95.6	96.9	98.0	98.9	99.3	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2447



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	58.9	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 20000	51.1	68.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 18000	51.4	68.8	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 16000	51.7	69.1	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 14000	52.5	69.9	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 12000	54.2	72.2	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 10000	55.6	74.6	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 9000	56.0	75.1	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 8000	57.6	78.1	78.3	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	58.4	79.5	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 6000	58.9	80.4	80.7	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
IV 5000	59.5	82.0	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500	59.8	82.7	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 4000	60.6	84.6	85.0	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	61.0	85.3	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3000	62.5	87.9	88.4	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2500	64.1	90.7	91.3	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	64.8	92.2	92.8	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
IV 1800	64.8	92.5	93.1	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	65.2	93.5	94.1	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	65.4	94.3	95.1	95.6	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	65.5	95.0	95.9	96.6	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	65.5	95.1	95.9	96.6	97.4	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	65.6	95.3	96.2	96.9	97.8	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	65.6	95.4	96.3	97.1	98.1	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	65.6	95.7	96.6	97.5	98.4	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	65.6	95.7	96.7	97.5	98.5	98.8	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 400	65.6	95.7	96.7	97.5	98.6	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	65.6	95.7	96.7	97.5	98.6	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 200	65.6	95.7	96.7	97.5	98.6	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 100	65.6	95.7	96.7	97.5	98.6	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	65.6	95.7	96.7	97.5	98.6	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 2448

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-46,48-53,62-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.9	62.1	62.9	63.2	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 20000	47.5	70.2	71.2	71.6	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 18000	47.6	70.3	71.4	71.7	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
IV 16000	47.7	70.5	71.5	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 14000	48.3	71.2	72.3	72.6	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
IV 12000	49.7	73.2	74.3	74.6	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
IV 10000	51.0	75.6	76.7	77.1	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
IV 9000	51.5	76.3	77.4	77.8	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
IV 8000	52.4	78.0	79.2	79.7	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
IV 7000	53.4	79.6	80.8	81.2	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
IV 6000	53.9	80.7	82.0	82.5	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
IV 5000	55.1	83.0	84.2	84.8	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
IV 4500	55.3	83.4	84.7	85.2	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
IV 4000	55.9	85.2	86.5	87.1	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
IV 3500	56.2	86.1	87.5	88.0	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 3000	57.4	88.1	89.4	89.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
IV 2500	58.3	89.8	91.2	91.8	92.8	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	58.8	90.7	92.2	92.9	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
IV 1800	58.9	91.1	92.6	93.2	94.3	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 1500	59.1	91.7	93.3	94.0	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
IV 1200	59.4	92.5	94.3	94.9	96.3	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
IV 1000	59.4	93.0	94.9	95.5	96.9	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
IV 900	59.4	93.1	95.0	95.6	97.0	97.4	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
IV 800	59.4	93.2	95.2	95.9	97.4	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 700	59.5	93.4	95.4	96.1	97.6	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
IV 600	59.5	93.5	95.5	96.2	97.8	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2
IV 500	59.5	93.5	95.5	96.3	98.0	98.5	99.1	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.6
IV 400	59.5	93.6	95.6	96.4	98.0	98.5	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	59.5	93.6	95.6	96.4	98.0	98.5	99.2	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9
IV 200	59.5	93.6	95.6	96.4	98.0	98.5	99.2	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9
IV 100	59.5	93.6	95.6	96.4	98.0	98.5	99.2	99.3	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 0	59.5	93.6	95.6	96.4	98.0	98.5	99.2	99.3	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2296

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FURT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72  
STATION NAME YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	42.3	65.6	66.5	67.3	68.1	68.2	68.7	68.8	68.8	69.0	69.1	69.1	69.5	69.5	69.5	69.5	69.5	69.6
IV 20000	45.2	71.4	72.5	73.5	74.3	74.4	75.0	75.1	75.1	75.2	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.8
IV 18000	45.3	71.4	72.6	73.5	74.4	74.5	75.1	75.2	75.2	75.3	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.9
IV 16000	45.4	71.6	72.8	73.7	74.6	74.7	75.2	75.4	75.4	75.5	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.1
IV 14000	46.1	72.5	73.7	74.6	75.5	75.6	76.1	76.2	76.2	76.4	76.5	76.5	76.9	76.9	76.9	76.9	76.9	77.0
IV 12000	47.0	74.0	75.1	76.1	76.9	77.0	77.6	77.7	77.7	77.8	77.9	77.9	78.4	78.4	78.4	78.4	78.4	78.4
IV 10000	47.6	75.7	76.9	77.8	78.7	78.8	79.3	79.5	79.5	79.6	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.2
IV 9000	48.0	76.3	77.6	78.5	79.5	79.5	80.1	80.3	80.3	80.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9	81.0
IV 8000	49.0	78.2	79.5	80.5	81.6	81.6	82.2	82.4	82.4	82.5	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.1
IV 7000	49.8	79.7	81.1	82.2	83.2	83.3	83.9	84.1	84.1	84.2	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.8
IV 6000	50.2	80.6	82.0	83.3	84.4	84.5	85.1	85.2	85.2	85.4	85.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9
IV 5000	50.4	81.5	83.0	84.4	85.5	85.6	86.2	86.3	86.3	86.5	86.5	86.5	87.0	87.0	87.0	87.0	87.0	87.0
IV 4500	50.7	81.9	83.4	84.9	86.0	86.1	86.7	86.8	86.8	87.0	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.6
IV 4000	51.4	83.3	84.9	86.4	87.5	87.6	88.2	88.3	88.3	88.5	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.1
IV 3500	51.7	84.1	85.6	87.2	88.4	88.5	89.1	89.2	89.2	89.3	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.9
IV 3000	52.2	85.2	86.7	88.5	89.8	89.9	90.5	90.7	90.7	90.8	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.4
IV 2500	52.6	86.4	88.1	89.9	91.3	91.4	91.9	92.1	92.1	92.3	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.9
IV 2000	53.0	87.6	89.4	91.4	92.7	92.9	93.5	93.7	93.7	93.9	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.5
IV 1800	53.1	88.0	89.7	91.9	93.2	93.3	94.0	94.1	94.1	94.3	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.9
IV 1500	53.3	88.6	90.3	92.5	94.0	94.1	94.8	95.0	95.0	95.1	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	53.5	89.5	91.3	93.5	95.0	95.1	95.9	96.1	96.1	96.3	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.9
IV 1000	53.5	89.9	91.7	94.0	95.5	95.5	96.4	96.7	96.7	96.9	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.5
IV 900	53.5	90.1	91.9	94.1	95.7	95.9	96.6	96.9	96.9	97.1	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.7
IV 800	53.5	90.3	92.1	94.4	96.1	96.3	97.1	97.4	97.4	97.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.3
IV 700	53.5	90.5	92.3	94.6	96.3	96.6	97.4	97.7	97.7	97.9	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.6
IV 600	53.6	90.6	92.5	94.8	96.7	96.9	97.9	98.2	98.2	98.5	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.1
IV 500	53.6	90.7	92.5	94.9	96.8	97.0	98.0	98.4	98.4	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.3
IV 400	53.6	90.7	92.5	95.0	96.8	97.2	98.2	98.5	98.5	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.4
IV 300	53.6	90.7	92.5	95.0	96.9	97.2	98.2	98.5	98.5	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.6
IV 200	53.6	90.7	92.5	95.0	96.9	97.2	98.3	98.6	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.8
IV 100	53.6	90.7	92.5	95.0	96.9	97.2	98.3	98.6	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9
IV 0	53.6	90.7	92.5	95.0	96.9	97.2	98.3	98.6	98.6	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2185

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

OCT

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.1	65.7	67.1	68.1	69.1	69.2	69.6	69.8	69.8	70.4	70.7	70.7	71.3	71.4	71.7	72.1
IV 20000	49.4	70.0	71.6	72.7	73.8	73.9	74.3	74.5	74.5	75.2	75.5	75.5	76.1	76.2	76.5	77.0
IV 18000	49.4	70.0	71.6	72.7	73.8	73.9	74.4	74.5	74.5	75.2	75.5	75.6	76.1	76.3	76.6	77.0
IV 16000	49.5	70.1	71.7	72.8	73.9	74.0	74.4	74.6	74.6	75.3	75.6	75.6	76.2	76.3	76.6	77.1
IV 14000	49.8	70.5	72.1	73.2	74.3	74.4	74.9	75.0	75.0	75.7	76.0	76.1	76.6	76.8	77.1	77.5
IV 12000	50.5	71.6	73.1	74.2	75.3	75.5	75.9	76.1	76.1	76.8	77.1	77.1	77.7	77.8	78.1	78.5
IV 10000	51.3	73.2	74.8	75.9	77.1	77.2	77.6	77.8	77.8	78.5	78.8	78.8	79.4	79.5	79.8	80.3
IV 9000	51.5	73.5	75.0	76.1	77.3	77.5	77.9	78.1	78.1	78.8	79.1	79.1	79.7	79.8	80.1	80.5
IV 8000	52.3	75.5	77.1	78.3	79.4	79.6	80.0	80.2	80.2	80.9	81.2	81.2	81.8	81.9	82.2	82.6
IV 7000	52.9	76.6	78.3	79.4	80.7	80.8	81.3	81.5	81.5	82.2	82.5	82.6	83.1	83.3	83.6	84.0
IV 6000	53.3	77.7	79.5	80.8	82.0	82.2	82.6	82.8	82.8	83.6	83.9	83.9	84.5	84.7	84.9	85.4
IV 5000	53.8	79.3	81.2	82.5	83.7	83.9	84.4	84.6	84.6	85.3	85.6	85.6	86.2	86.4	86.7	87.1
IV 4500	54.1	79.8	81.8	83.0	84.3	84.5	84.9	85.1	85.1	85.9	86.2	86.2	86.8	87.0	87.2	87.7
IV 4000	54.3	80.7	82.9	84.2	85.5	85.6	86.1	86.3	86.3	87.0	87.3	87.4	88.0	88.1	88.4	88.8
IV 3500	54.4	81.2	83.4	84.8	86.1	86.2	86.7	86.9	86.9	87.7	88.0	88.0	88.6	88.8	89.1	89.5
IV 3000	54.8	82.4	84.7	86.0	87.3	87.5	88.0	88.1	88.1	89.0	89.2	89.3	89.9	90.0	90.3	90.7
IV 2500	55.4	83.7	86.0	87.4	88.8	89.0	89.5	89.7	89.7	90.5	90.8	90.9	91.4	91.6	91.9	92.3
IV 2000	55.9	84.9	87.4	88.8	90.2	90.3	90.9	91.1	91.1	92.0	92.3	92.3	92.9	93.0	93.3	93.7
IV 1800	56.2	85.3	88.0	89.4	90.8	91.0	91.5	91.7	91.7	92.6	92.9	92.9	93.5	93.6	93.9	94.4
IV 1500	56.5	86.0	88.6	90.0	91.4	91.6	92.2	92.4	92.4	93.3	93.6	93.6	94.2	94.4	94.6	95.1
IV 1200	56.8	86.7	89.3	90.7	92.2	92.4	92.9	93.1	93.1	94.1	94.4	94.4	95.0	95.1	95.4	95.8
IV 1000	57.0	87.4	90.2	91.6	93.1	93.3	93.8	94.0	94.0	95.0	95.3	95.4	95.9	96.1	96.4	96.8
IV 900	57.0	87.5	90.3	91.9	93.4	93.6	94.2	94.4	94.4	95.4	95.7	95.7	96.3	96.5	96.7	97.2
IV 800	57.0	87.7	90.6	92.2	93.7	93.9	94.6	94.8	94.8	95.8	96.1	96.2	96.7	96.9	97.2	97.7
IV 700	57.0	87.9	90.8	92.5	94.1	94.3	95.4	95.6	95.6	96.7	96.9	97.0	97.6	97.7	98.0	98.5
IV 600	57.0	88.0	91.0	92.7	94.4	94.6	95.7	96.0	96.0	97.1	97.4	97.5	98.0	98.2	98.5	98.9
IV 500	57.0	88.0	91.1	92.8	94.5	94.6	95.9	96.1	96.1	97.3	97.6	97.6	98.2	98.3	98.6	99.1
IV 400	57.0	88.0	91.1	92.8	94.5	94.7	95.9	96.2	96.2	97.3	97.6	97.7	98.2	98.4	98.7	99.1
IV 300	57.0	88.0	91.1	92.8	94.5	94.7	96.0	96.3	96.3	97.4	97.7	97.8	98.3	98.5	98.8	99.2
IV 200	57.0	88.0	91.1	92.8	94.5	94.7	96.0	96.3	96.3	97.4	97.8	97.8	98.4	98.6	98.9	99.3
IV 100	57.0	88.0	91.1	92.8	94.5	94.7	96.0	96.3	96.3	97.4	97.8	97.8	98.4	98.6	98.9	99.5
IV 0	57.0	88.0	91.1	92.8	94.5	94.7	96.0	96.3	96.3	97.4	97.8	97.8	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2092

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.5	40.9	61.9	63.2	65.0	65.1	66.0	66.3	66.4	67.2	67.4	67.5	68.5	69.4	69.2	70.4
≥ 2000	42.4	63.7	64.9	66.3	68.2	68.4	69.3	69.6	69.7	70.6	70.9	71.0	72.0	72.0	72.8	74.1
IV 18000	42.4	63.7	64.9	66.3	68.2	68.4	69.3	69.6	69.7	70.6	70.9	71.0	72.0	72.0	72.8	74.1
IV 16000	42.4	63.7	64.9	66.3	68.2	68.4	69.3	69.6	69.7	70.6	70.9	71.0	72.0	72.0	72.8	74.1
IV 14000	43.0	64.3	65.5	66.9	68.9	69.0	69.9	70.2	70.3	71.3	71.6	71.7	72.7	72.7	73.5	74.9
IV 12000	43.8	65.5	66.7	68.1	70.0	70.2	71.1	71.4	71.5	72.4	72.7	72.8	73.8	73.8	74.6	76.0
IV 10000	45.4	68.0	69.2	70.6	72.7	72.8	73.7	74.0	74.1	75.1	75.4	75.5	76.5	76.5	77.3	78.7
IV 9000	45.9	68.6	69.9	71.3	73.4	73.6	74.5	74.8	74.9	75.8	76.1	76.2	77.2	77.2	78.0	79.4
IV 8000	46.9	70.3	71.7	73.1	75.3	75.4	76.3	76.6	76.7	77.7	78.0	78.1	79.1	79.1	79.9	81.3
IV 7000	47.4	71.6	73.1	74.5	76.7	76.9	77.9	78.2	78.3	79.2	79.6	79.6	80.7	80.7	81.4	82.8
IV 6000	47.8	73.0	74.7	76.2	78.5	78.7	79.7	80.0	80.1	81.1	81.4	81.5	82.6	82.6	83.3	84.7
IV 5000	48.1	74.2	75.9	77.4	79.6	79.8	80.9	81.2	81.3	82.3	82.6	82.7	83.7	83.7	84.5	85.9
IV 4500	48.2	74.6	76.3	77.8	80.0	80.2	81.3	81.6	81.7	82.7	83.0	83.1	84.1	84.1	84.9	86.3
IV 4000	48.5	75.3	77.1	78.6	80.9	81.0	82.1	82.4	82.5	83.6	83.9	84.0	85.0	85.0	85.8	87.2
IV 3500	48.7	75.9	77.7	79.2	81.5	81.7	82.7	83.0	83.1	84.2	84.5	84.6	85.6	85.6	86.4	87.8
IV 3000	49.2	76.9	78.8	80.4	82.6	82.8	83.9	84.3	84.4	85.5	85.8	85.9	86.9	86.9	87.7	89.1
IV 2500	49.7	77.7	79.8	81.3	83.6	83.8	84.9	85.3	85.4	86.5	86.8	86.9	87.9	87.9	88.7	90.1
IV 2000	50.5	78.9	81.1	82.7	85.1	85.2	86.4	86.7	86.8	87.9	88.2	88.3	89.4	89.4	90.1	91.5
IV 1800	50.6	79.2	81.4	83.0	85.4	85.5	86.7	87.1	87.2	88.3	88.6	88.7	89.7	89.7	90.5	91.9
IV 1500	51.0	80.3	82.5	84.2	86.5	86.7	87.9	88.4	88.5	89.6	89.9	90.0	91.0	91.0	91.8	93.2
IV 1200	51.3	81.4	83.7	85.4	87.7	87.9	89.1	89.6	89.7	90.8	91.1	91.2	92.3	92.3	93.0	94.4
IV 1000	51.4	81.8	84.2	86.0	88.3	88.5	89.8	90.2	90.3	91.5	91.8	91.9	92.9	92.9	93.6	95.0
IV 900	51.4	82.1	84.7	86.4	88.8	89.0	90.3	90.9	91.0	92.1	92.4	92.5	93.6	93.6	94.3	95.7
IV 800	51.4	82.6	85.1	86.9	89.4	89.6	91.0	91.5	91.6	92.8	93.2	93.2	94.3	94.3	95.1	96.5
IV 700	51.4	82.6	85.2	87.2	89.8	90.0	91.5	92.0	92.1	93.3	93.6	93.7	94.8	94.8	95.5	96.9
IV 600	51.4	82.8	85.4	87.4	90.2	90.4	92.0	92.5	92.6	93.8	94.1	94.2	95.3	95.3	96.1	97.4
IV 500	51.4	83.0	85.5	87.7	90.5	90.7	92.4	93.0	93.1	94.3	94.6	94.7	95.8	95.8	96.6	98.0
IV 400	51.4	83.0	85.6	87.8	90.7	91.0	92.7	93.2	93.3	94.5	94.9	95.0	96.1	96.1	96.9	98.3
IV 300	51.4	83.1	85.7	87.9	90.8	91.1	92.9	93.5	93.6	94.8	95.1	95.2	96.3	96.3	97.1	98.5
IV 200	51.4	83.1	85.7	87.9	90.9	91.2	93.0	93.6	93.6	94.9	95.3	95.4	96.6	96.6	97.3	98.7
IV 100	51.4	83.1	85.7	87.9	90.9	91.2	93.0	93.6	93.6	94.9	95.3	95.4	96.6	96.6	97.4	98.9
IV 0	51.4	83.1	85.7	87.9	90.9	91.2	93.0	93.6	93.6	94.9	95.3	95.4	96.7	96.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2235

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF

37-53,62-72

YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.5	48.4	50.7	52.3	53.7	54.0	54.8	55.1	55.2	55.9	56.4	56.5	57.5	57.5	58.3	60.5
IV 20000	32.9	54.1	56.9	58.5	60.0	60.3	61.2	61.5	61.6	62.5	62.9	63.1	64.0	64.0	64.9	67.2
IV 18000	33.0	54.2	57.0	58.6	60.1	60.4	61.3	61.6	61.7	62.5	63.0	63.1	64.1	64.1	64.9	67.3
IV 16000	33.0	54.2	57.0	58.6	60.1	60.4	61.3	61.6	61.7	62.6	63.0	63.2	64.1	64.1	65.0	67.3
IV 14000	33.2	54.5	57.3	59.0	60.4	60.7	61.7	62.0	62.1	62.9	63.4	63.5	64.5	64.5	65.3	67.7
IV 12000	34.4	56.1	58.9	60.6	62.1	62.4	63.3	63.6	63.7	64.6	65.0	65.2	66.1	66.1	67.0	69.3
IV 10000	35.9	58.6	61.5	63.3	64.7	65.1	66.0	66.3	66.4	67.3	67.7	67.9	68.9	68.9	69.7	72.1
IV 9000	36.3	59.3	62.2	63.9	65.4	65.7	66.7	67.0	67.1	68.0	68.4	68.6	69.5	69.5	70.4	72.7
IV 8000	37.3	61.1	64.1	66.1	67.6	67.9	68.9	69.3	69.3	70.2	70.7	70.9	71.8	71.8	72.7	75.0
IV 7000	37.9	63.2	66.3	68.4	70.1	70.4	71.4	71.7	71.8	72.7	73.2	73.4	74.3	74.3	75.2	77.6
IV 6000	39.0	65.3	68.5	70.7	72.4	72.7	73.7	74.1	74.1	75.0	75.5	75.7	76.6	76.6	77.6	79.9
IV 5000	39.6	66.8	70.1	72.5	74.2	74.5	75.6	75.9	76.0	76.9	77.4	77.5	78.5	78.5	79.4	81.7
IV 4500	39.8	67.1	70.3	72.7	74.6	74.9	76.0	76.4	76.5	77.5	78.0	78.1	79.1	79.1	80.0	82.3
IV 4000	40.1	68.1	71.5	74.0	75.9	76.2	77.4	77.8	77.9	79.0	79.4	79.6	80.6	80.6	81.5	83.8
IV 3500	40.2	68.6	72.0	74.4	76.3	76.6	77.8	78.3	78.4	79.4	79.9	80.0	81.0	81.0	81.9	84.2
IV 3000	40.7	69.3	72.7	75.2	77.1	77.5	78.7	79.1	79.2	80.2	80.7	80.9	81.8	81.8	82.8	85.1
IV 2500	41.2	70.7	74.2	76.6	78.7	79.0	80.2	80.7	80.8	81.8	82.3	82.4	83.4	83.4	84.3	86.6
IV 2000	41.8	72.5	76.2	78.7	80.8	81.2	82.4	82.8	82.9	84.0	84.4	84.6	85.6	85.6	86.5	88.8
IV 1800	41.9	73.1	76.7	79.2	81.3	81.6	83.0	83.4	83.5	84.6	85.1	85.2	86.2	86.2	87.1	89.4
IV 1500	42.3	74.4	78.3	80.8	83.0	83.4	84.7	85.2	85.2	86.3	86.8	87.0	87.9	87.9	88.8	91.2
IV 1200	42.7	75.3	79.4	82.2	84.3	84.8	86.1	86.6	86.7	87.8	88.3	88.4	89.4	89.4	90.3	92.6
IV 1000	42.8	75.8	80.0	83.0	85.3	85.8	87.2	87.7	87.8	89.0	89.4	89.6	90.6	90.6	91.5	93.8
IV 900	42.9	76.1	80.3	83.4	85.7	86.2	87.6	88.1	88.2	89.4	89.9	90.0	91.0	91.0	91.9	94.2
IV 800	42.9	76.4	80.7	84.0	86.6	87.1	88.7	89.2	89.3	90.5	91.0	91.2	92.1	92.1	93.0	95.4
IV 700	42.9	76.5	80.9	84.4	87.0	87.5	89.2	89.6	89.8	91.0	91.6	91.8	92.7	92.7	93.6	96.0
IV 600	43.0	76.7	81.2	84.7	87.4	88.0	90.0	90.5	90.6	92.0	92.5	92.7	93.7	93.7	94.6	96.9
IV 500	43.1	76.9	81.6	85.1	88.0	88.6	90.8	91.4	91.6	93.0	93.5	93.7	94.8	94.8	95.7	98.0
IV 400	43.1	77.0	81.8	85.4	88.3	89.0	91.3	91.9	92.0	93.5	94.0	94.3	95.3	95.3	96.2	98.7
IV 300	43.1	77.0	81.8	85.5	88.4	89.1	91.4	92.0	92.1	93.7	94.2	94.4	95.5	95.5	96.4	98.8
IV 200	43.1	77.0	81.9	85.5	88.4	89.1	91.4	92.0	92.2	93.8	94.4	94.6	95.7	95.7	96.7	99.2
IV 100	43.1	77.0	81.9	85.5	88.4	89.1	91.4	92.0	92.2	93.8	94.4	94.6	95.7	95.7	96.7	99.4
IV 0	43.1	77.0	81.9	85.5	88.4	89.1	91.4	92.0	92.2	93.8	94.4	94.6	95.8	95.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2501



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.6	55.2	56.1	56.8	57.3	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 20000	42.3	64.0	65.1	66.0	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9
IV 18000	42.4	64.1	65.2	66.2	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	42.4	64.2	65.4	66.3	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2
IV 14000	43.2	65.2	66.4	67.4	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
IV 12000	44.5	67.0	68.2	69.2	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1
IV 10000	45.9	69.5	70.7	71.8	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8
IV 9000	46.2	69.8	71.0	72.1	72.6	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1
IV 8000	47.4	71.9	73.2	74.2	74.8	74.9	75.0	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3
IV 7000	47.9	73.2	74.5	75.7	76.3	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8
IV 6000	49.1	75.1	76.4	77.6	78.3	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
IV 5000	49.6	76.2	77.6	78.9	79.6	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1
IV 4500	49.9	76.5	78.0	79.3	80.0	80.1	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 4000	50.4	77.4	79.0	80.3	81.2	81.3	81.4	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8
IV 3500	50.8	78.2	79.8	81.1	82.0	82.1	82.2	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
IV 3000	51.6	79.4	80.9	82.3	83.2	83.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 2500	52.4	80.7	82.4	83.8	84.7	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
IV 2000	53.2	83.0	84.8	86.2	87.1	87.3	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1800	53.5	83.6	85.4	86.9	87.8	88.0	88.1	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
IV 1500	54.3	85.5	87.5	89.1	90.1	90.3	90.4	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
IV 1200	54.9	86.9	89.2	90.9	92.1	92.3	92.4	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IV 1000	55.1	87.7	90.1	92.0	93.3	93.6	93.7	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3
IV 900	55.2	88.4	90.8	92.9	94.1	94.4	94.6	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2
IV 800	55.2	88.9	91.6	94.1	95.4	95.8	96.1	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV 700	55.2	89.1	91.9	94.6	96.2	96.6	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	55.2	89.3	92.3	95.0	96.7	97.2	97.7	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 500	55.2	89.3	92.3	95.1	97.0	97.7	98.2	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2
IV 400	55.2	89.3	92.4	95.3	97.2	98.0	98.5	99.1	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8
IV 300	55.2	89.3	92.4	95.3	97.2	98.0	98.5	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9
IV 200	55.2	89.3	92.4	95.3	97.2	98.0	98.5	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9
IV 100	55.2	89.3	92.4	95.3	97.2	98.0	98.5	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	100.0
IV 0	55.2	89.3	92.4	95.3	97.2	98.0	98.5	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2503

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME

YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	46.3	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 20000	52.1	67.9	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 18000	52.2	68.0	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
IV 16000	52.3	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	68.7
IV 14000	52.9	68.9	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	54.1	70.7	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
IV 10000	55.3	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	55.6	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 8000	56.8	75.6	76.0	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
IV 7000	57.5	77.2	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 6000	58.5	78.6	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
IV 5000	59.5	80.1	80.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4500	59.9	80.8	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	60.5	82.1	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
IV 3500	61.1	83.1	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	62.2	84.8	85.5	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
IV 2500	63.2	87.1	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	64.1	89.0	89.8	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 1800	64.4	89.6	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500	64.8	91.1	92.1	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	65.0	92.1	93.5	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	65.1	92.8	94.3	95.4	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	65.2	93.2	94.8	96.1	96.7	96.9	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	65.2	93.4	95.1	96.6	97.2	97.4	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	65.3	93.6	95.3	97.0	97.8	98.0	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	65.3	93.9	95.6	97.3	98.2	98.6	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	65.3	93.9	95.6	97.4	98.4	98.8	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	65.3	94.0	95.7	97.5	98.4	98.9	99.5	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	65.3	94.0	95.7	97.5	98.4	98.9	99.5	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	65.3	94.0	95.7	97.5	98.4	98.9	99.5	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	65.3	94.0	95.7	97.5	98.4	98.9	99.5	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	65.3	94.0	95.7	97.5	98.4	98.9	99.5	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2505



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
STATION NAME YEARS

0CT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	48.5	60.6	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 20000	55.8	70.7	70.9	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
IV 18000	55.9	70.8	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
IV 16000	56.0	70.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 14000	56.5	71.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 12000	57.6	73.2	73.4	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
IV 10000	59.3	75.7	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 9000	59.6	75.9	76.2	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
IV 8000	61.1	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	62.0	80.3	80.5	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
IV 6000	63.0	81.7	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	82.3
IV 5000	63.9	83.2	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4500	64.4	83.7	84.1	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4000	65.3	85.3	85.8	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	65.7	86.3	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
IV 3000	66.9	88.1	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	67.5	89.5	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	67.7	90.8	91.6	92.2	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	67.8	91.2	92.0	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	68.3	92.4	93.3	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	68.5	93.3	94.5	95.5	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	68.6	93.7	95.1	96.3	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	68.7	94.1	95.6	97.0	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	68.7	94.3	95.9	97.5	98.0	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 700	68.7	94.4	96.0	97.6	98.2	98.2	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	68.7	94.5	96.1	97.7	98.4	98.4	99.0	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	68.7	94.5	96.2	98.0	98.7	98.8	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	68.7	94.5	96.2	98.0	98.7	98.8	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	68.7	94.5	96.2	98.0	98.7	98.8	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	68.7	94.5	96.2	98.0	98.7	98.8	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	68.7	94.5	96.2	98.0	98.7	98.8	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	68.7	94.5	96.2	98.0	98.7	98.8	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2511

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-46,48-53,62-12  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	65.9	66.7	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 20000	52.7	74.0	74.8	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 18000	52.8	74.3	75.1	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
IV 16000	53.0	74.4	75.2	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
IV 14000	53.6	75.3	76.1	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
IV 12000	54.6	76.7	77.5	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 10000	55.5	78.8	79.6	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 9000	55.8	79.3	80.1	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	56.8	81.4	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 7000	57.2	82.4	83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 6000	57.7	83.6	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 5000	58.5	85.4	86.6	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500	59.0	86.1	87.3	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
IV 4000	59.2	86.9	88.2	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	59.4	87.7	89.0	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3000	60.0	88.5	89.9	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	60.3	89.7	91.1	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	60.5	91.0	92.4	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1800	60.6	91.3	92.8	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1500	60.8	92.4	94.1	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	60.9	93.0	94.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	61.1	93.4	95.3	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900-	61.1	93.7	95.6	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	61.1	93.8	95.8	96.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	61.1	94.0	95.9	97.2	98.4	98.5	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
IV 600	61.1	94.1	96.0	97.5	98.9	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 500	61.1	94.1	96.0	97.5	99.0	99.1	99.3	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	61.1	94.1	96.0	97.5	99.0	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	61.1	94.1	96.0	97.5	99.0	99.2	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	61.1	94.1	96.0	97.5	99.0	99.2	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	61.1	94.1	96.0	97.5	99.0	99.2	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	61.1	94.1	96.0	97.5	99.0	99.2	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2355

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-39, 41-46, 48-53, 62-72  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (ZUL)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	45.4	66.9	68.3	68.9	69.3	69.3	69.7	69.7	69.7	69.9	69.9	70.0	70.2	70.2	70.2	70.4
IV 20000	49.3	72.8	74.4	75.0	75.4	75.4	75.8	75.8	75.8	76.0	76.0	76.1	76.3	76.3	76.3	76.5
IV 18000	49.3	72.9	74.5	75.1	75.4	75.4	75.8	75.8	75.9	76.1	76.1	76.2	76.4	76.4	76.4	76.6
IV 16000	49.3	72.9	74.5	75.1	75.4	75.4	75.8	75.8	75.9	76.1	76.1	76.2	76.4	76.4	76.4	76.6
IV 14000	50.0	73.8	75.4	76.0	76.3	76.3	76.7	76.7	76.8	77.0	77.0	77.0	77.3	77.3	77.3	77.5
IV 12000	50.9	75.1	76.7	77.3	77.6	77.6	78.0	78.0	78.1	78.3	78.3	78.3	78.6	78.6	78.6	78.7
IV 10000	51.5	76.7	78.3	79.0	79.3	79.3	79.7	79.7	79.7	79.9	79.9	80.0	80.2	80.3	80.3	80.4
IV 9000	51.6	77.2	78.8	79.4	79.7	79.7	80.1	80.1	80.2	80.3	80.4	80.4	80.4	80.7	80.7	80.8
IV 8000	52.1	78.6	80.2	80.9	81.2	81.2	81.6	81.6	81.6	81.8	81.9	81.9	82.1	82.2	82.2	82.3
IV 7000	52.9	80.1	81.8	82.6	82.9	82.9	83.3	83.3	83.4	83.6	83.6	83.6	83.9	83.9	83.9	84.0
IV 6000	53.3	81.2	83.1	83.9	84.3	84.3	84.7	84.7	84.8	84.9	85.0	85.0	85.2	85.3	85.3	85.4
IV 5000	54.0	83.3	85.3	86.2	86.6	86.6	87.0	87.0	87.1	87.3	87.3	87.3	87.6	87.6	87.6	87.7
IV 4500	54.5	84.4	86.4	87.3	87.8	87.8	88.2	88.2	88.2	88.4	88.5	88.5	88.7	88.8	88.8	88.9
IV 4000	54.8	85.1	87.3	88.3	88.8	88.8	89.2	89.2	89.2	89.4	89.4	89.5	89.7	89.8	89.8	89.9
IV 3500	55.1	85.6	87.9	88.9	89.4	89.4	89.8	89.8	89.8	90.0	90.1	90.1	90.2	90.4	90.4	90.5
IV 3000	55.3	86.2	88.7	89.7	90.3	90.3	90.7	90.7	90.7	90.9	91.0	91.0	91.2	91.3	91.3	91.4
IV 2500	55.6	87.6	90.2	91.3	91.9	91.9	92.3	92.3	92.4	92.6	92.6	92.6	92.9	92.9	92.9	93.0
IV 2000	55.8	88.4	91.1	92.2	92.8	92.9	93.3	93.3	93.4	93.4	93.6	93.7	93.7	93.9	94.0	94.1
IV 1800	56.2	89.1	91.8	92.8	93.5	93.6	94.0	94.0	94.1	94.3	94.3	94.4	94.6	94.7	94.7	94.8
IV 1500	56.4	90.1	93.0	94.0	94.7	94.8	95.2	95.2	95.3	95.5	95.5	95.6	95.8	95.9	95.9	96.0
IV 1200	56.5	90.7	93.7	94.8	95.5	95.5	95.9	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.6	96.7
IV 1000	56.5	91.1	94.2	95.2	95.9	96.0	96.4	96.5	96.6	96.8	96.9	96.9	97.1	97.2	97.2	97.3
IV 900	56.5	91.3	94.3	95.5	96.2	96.3	96.8	96.9	96.9	97.2	97.3	97.3	97.5	97.6	97.6	97.7
IV 800	56.5	91.5	94.6	95.8	96.6	96.7	97.2	97.3	97.4	97.8	97.8	97.9	98.1	98.1	98.1	98.3
IV 700	56.5	91.6	94.7	96.0	96.9	97.1	97.8	97.9	97.9	98.3	98.4	98.4	98.6	98.7	98.7	98.8
IV 600	56.5	91.7	94.9	96.4	97.4	97.5	98.4	98.4	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.4
IV 500	56.5	91.7	94.9	96.4	97.4	97.5	98.4	98.5	98.5	98.9	99.0	99.1	99.3	99.3	99.3	99.5
IV 400	56.5	91.7	95.0	96.4	97.5	97.7	98.5	98.6	98.7	99.1	99.2	99.3	99.5	99.6	99.6	99.7
IV 300	56.5	91.7	95.0	96.4	97.5	97.7	98.6	98.7	98.8	99.2	99.3	99.5	99.7	99.7	99.7	99.9
IV 200	56.5	91.7	95.0	96.4	97.5	97.7	98.6	98.7	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.9
IV 100	56.5	91.7	95.0	96.4	97.5	97.7	98.6	98.7	98.8	99.2	99.4	99.6	99.8	99.8	99.9	100.0
IV 0	56.5	91.7	95.0	96.4	97.5	97.7	98.6	98.7	98.8	99.2	99.4	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2244

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.8	58.2	59.5	60.1	60.8	60.9	61.3	61.4	61.4	62.0	62.3	62.3	62.6	62.6	62.9	63.3
IV 20000	43.8	62.8	64.0	64.7	65.4	65.5	66.0	66.1	66.1	66.6	66.9	66.9	67.3	67.3	67.6	68.1
IV 18000	43.8	62.8	64.0	64.7	65.4	65.5	66.0	66.1	66.1	66.6	66.9	66.9	67.3	67.3	67.6	68.1
IV 16000	43.9	62.9	64.1	64.8	65.5	65.6	66.1	66.2	66.2	66.7	67.0	67.0	67.4	67.4	67.6	68.2
IV 14000	44.5	63.5	64.8	65.4	66.1	66.3	66.7	66.8	66.8	67.4	67.7	67.7	68.0	68.0	68.3	68.8
IV 12000	45.3	64.8	66.0	66.7	67.4	67.6	68.0	68.1	68.1	68.6	69.0	69.0	69.4	69.4	69.6	70.2
IV 10000	46.1	66.1	67.4	68.1	68.8	68.9	69.4	69.5	69.5	70.0	70.3	70.3	70.7	70.7	71.0	71.5
IV 9000	46.5	66.8	68.1	68.7	69.4	69.6	70.1	70.2	70.2	70.7	71.0	71.0	71.4	71.4	71.7	72.2
IV 8000	47.7	68.5	69.8	70.5	71.2	71.3	71.8	71.9	71.9	72.4	72.8	72.8	73.1	73.1	73.4	73.9
IV 7000	48.6	69.7	71.0	71.7	72.4	72.6	73.0	73.1	73.1	73.7	74.0	74.0	74.4	74.4	74.7	75.2
IV 6000	49.1	71.2	72.5	73.2	73.9	74.1	74.6	74.7	74.7	75.2	75.5	75.5	75.9	75.9	76.2	76.7
IV 5000	49.8	72.4	73.7	74.4	75.1	75.3	75.8	76.0	76.0	76.6	76.9	76.9	77.3	77.3	77.5	78.1
IV 4500	50.1	72.8	74.2	74.9	75.7	75.8	76.3	76.6	76.6	77.1	77.4	77.4	77.8	77.8	78.1	78.6
IV 4000	50.4	73.4	75.0	75.7	76.5	76.6	77.1	77.4	77.4	77.9	78.2	78.2	78.6	78.6	78.9	79.4
IV 3500	50.9	74.4	76.0	76.7	77.6	77.7	78.3	78.5	78.5	79.0	79.3	79.3	79.7	79.7	80.0	80.5
IV 3000	51.4	75.7	77.4	78.2	79.1	79.3	79.8	80.0	80.0	80.5	80.9	80.9	81.2	81.2	81.5	82.0
IV 2500	51.8	77.5	79.2	80.0	81.0	81.1	81.6	81.9	81.9	82.4	82.7	82.7	83.1	83.1	83.4	83.9
IV 2000	53.0	80.1	82.0	83.0	84.0	84.1	84.7	84.9	84.9	85.5	85.8	85.8	86.2	86.2	86.5	87.0
IV 1800	53.3	80.7	82.7	83.7	84.7	84.9	85.5	85.7	85.7	86.2	86.5	86.5	86.9	86.9	87.2	87.7
IV 1500	54.0	82.2	84.3	85.3	86.7	86.8	87.4	87.6	87.6	88.2	88.5	88.5	89.0	89.0	89.3	89.8
IV 1200	54.6	83.9	86.2	87.4	88.7	88.9	89.4	89.7	89.7	90.2	90.6	90.6	91.1	91.1	91.4	91.9
IV 1000	55.0	85.7	88.2	89.6	91.1	91.2	91.8	92.1	92.1	92.7	93.1	93.1	93.6	93.6	93.8	94.4
IV 900	55.2	86.2	88.6	90.1	91.7	91.8	92.4	92.7	92.7	93.3	93.7	93.7	94.2	94.2	94.5	95.0
IV 800	55.2	86.6	89.2	91.0	92.7	92.8	93.5	93.7	93.8	94.4	94.8	94.8	95.3	95.3	95.5	96.1
IV 700	55.2	87.0	89.8	91.7	93.7	93.8	94.5	94.8	94.8	95.5	95.9	95.9	96.4	96.4	96.6	97.2
IV 600	55.2	87.2	90.1	92.3	94.5	94.7	95.4	95.7	95.8	96.5	96.9	96.9	97.3	97.3	97.6	98.2
IV 500	55.2	87.3	90.2	92.5	94.8	95.0	95.8	96.2	96.3	97.0	97.3	97.3	97.8	97.8	98.1	98.6
IV 400	55.2	87.3	90.3	92.7	95.0	95.2	96.1	96.5	96.6	97.5	97.9	97.9	98.4	98.4	98.7	99.2
IV 300	55.2	87.3	90.3	92.7	95.0	95.2	96.2	96.5	96.6	97.6	98.0	98.0	98.5	98.5	98.8	99.4
IV 200	55.2	87.3	90.3	92.7	95.0	95.2	96.2	96.5	96.6	97.6	98.0	98.0	98.5	98.5	98.9	99.4
IV 100	55.2	87.3	90.3	92.7	95.0	95.2	96.2	96.5	96.6	97.6	98.1	98.1	98.6	98.6	98.9	99.4
IV 0	55.2	87.3	90.3	92.7	95.0	95.2	96.2	96.5	96.6	97.6	98.1	98.1	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2111

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

31-52,62-70  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	37.4	54.5	55.7	56.5	57.1	57.5	57.8	57.9	58.0	58.5	58.7	58.8	59.0	59.0	59.4	59.9
IV 20000	40.9	60.3	61.6	62.4	63.0	63.4	63.9	64.0	64.1	64.6	64.9	64.9	65.1	65.2	65.5	66.1
IV 18000	41.0	60.4	61.6	62.5	63.1	63.5	64.0	64.1	64.2	64.7	65.0	65.0	65.2	65.3	65.6	66.2
IV 16000	41.1	60.5	61.7	62.6	63.2	63.6	64.1	64.2	64.3	64.8	65.1	65.1	65.3	65.4	65.7	66.3
IV 14000	41.5	61.0	62.3	63.1	63.7	64.1	64.6	64.7	64.8	65.4	65.6	65.7	65.8	65.9	66.2	66.8
IV 12000	42.8	62.9	64.2	65.0	65.7	66.0	66.6	66.6	66.7	67.3	67.5	67.6	67.7	67.8	68.1	68.7
IV 10000	43.5	64.2	65.6	66.4	67.0	67.4	67.9	68.0	68.1	68.7	68.9	69.0	69.2	69.2	69.6	70.1
IV 9000	43.9	64.8	66.1	67.0	67.7	68.0	68.6	68.6	68.7	69.3	69.6	69.6	69.8	69.8	70.2	70.7
IV 8000	44.9	66.3	67.7	68.5	69.2	69.7	70.2	70.2	70.3	70.9	71.2	71.3	71.5	71.6	71.9	72.5
IV 7000	45.7	67.4	68.7	69.6	70.3	70.7	71.3	71.3	71.4	72.0	72.3	72.4	72.6	72.7	73.0	73.6
IV 6000	46.3	68.9	70.3	71.2	71.9	72.4	72.9	72.9	73.0	73.6	73.9	74.0	74.2	74.3	74.6	75.2
IV 5000	46.8	69.8	71.3	72.3	73.0	73.5	74.0	74.1	74.2	74.9	75.2	75.3	75.5	75.6	75.9	76.5
IV 4500	47.0	70.4	71.9	72.9	73.6	74.1	74.7	74.7	74.8	75.6	75.8	75.9	76.2	76.2	76.6	77.1
IV 4000	47.8	71.4	73.0	74.0	74.7	75.2	75.8	75.8	75.9	76.7	76.9	77.0	77.3	77.3	77.7	78.2
IV 3500	48.3	72.2	73.9	74.9	75.6	76.1	76.7	76.8	76.9	77.6	77.9	78.0	78.2	78.3	78.6	79.2
IV 3000	48.8	73.5	75.2	76.3	77.0	77.5	78.0	78.1	78.3	79.0	79.3	79.4	79.6	79.7	80.0	80.6
IV 2500	49.4	75.3	77.1	78.4	79.1	79.6	80.1	80.2	80.4	81.1	81.4	81.5	81.7	81.8	82.1	82.7
IV 2000	50.8	77.8	79.6	80.8	81.7	82.2	82.8	82.9	83.1	83.8	84.1	84.2	84.5	84.5	84.8	85.4
IV 1800	51.1	78.5	80.3	81.6	82.4	82.9	83.6	83.7	83.8	84.6	84.8	84.9	85.2	85.2	85.6	86.1
IV 1500	51.7	80.3	82.2	83.5	84.4	84.9	85.6	85.7	85.8	86.6	86.9	86.9	87.2	87.3	87.6	88.2
IV 1200	52.1	82.5	84.6	85.9	86.8	87.2	87.9	88.0	88.1	88.9	89.2	89.3	89.6	89.6	89.9	90.5
IV 1000	52.7	84.8	87.0	88.4	89.4	89.9	90.7	90.9	91.1	91.9	92.1	92.2	92.5	92.6	92.9	93.5
IV 900	52.8	85.5	87.8	89.3	90.3	90.8	91.8	92.0	92.1	92.9	93.2	93.3	93.6	93.7	94.0	94.6
IV 800	52.8	85.9	88.2	89.9	91.0	91.5	92.5	92.8	92.9	93.7	94.0	94.1	94.4	94.5	94.9	95.4
IV 700	52.8	86.4	88.8	90.5	92.0	92.5	93.5	93.8	93.9	94.8	95.1	95.2	95.5	95.6	96.0	96.6
IV 600	52.8	86.6	89.0	90.9	92.5	92.9	94.0	94.3	94.5	95.4	95.7	95.8	96.1	96.2	96.6	97.2
IV 500	52.8	86.6	89.1	91.1	92.8	93.2	94.4	94.7	94.9	95.9	96.2	96.3	96.7	96.8	97.1	97.8
IV 400	52.8	86.6	89.2	91.2	92.9	93.5	94.6	94.9	95.2	96.5	96.8	96.9	97.3	97.4	97.8	98.4
IV 300	52.8	86.6	89.2	91.3	93.0	93.6	94.8	95.0	95.4	96.7	97.0	97.1	97.6	97.7	98.0	98.8
IV 200	52.8	86.6	89.2	91.3	93.1	93.7	94.9	95.1	95.5	96.9	97.1	97.3	97.8	97.9	98.3	99.0
IV 100	52.8	86.6	89.2	91.3	93.1	93.7	94.9	95.1	95.5	96.9	97.2	97.3	97.9	98.0	98.4	99.2
IV 0	52.8	86.6	89.2	91.3	93.1	93.7	94.9	95.1	95.5	96.9	97.2	97.3	97.9	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2099

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.9	42.3	43.7	44.6	45.1	45.3	46.0	46.3	46.3	46.8	47.2	47.2	47.7	47.7	48.1	49.1
IV 20000	32.3	50.1	51.9	53.0	53.7	54.0	54.8	55.1	55.1	55.7	56.2	56.2	56.7	56.8	57.3	58.4
IV 18000	32.4	50.3	52.0	53.1	53.8	54.1	55.0	55.3	55.3	55.9	56.3	56.4	56.9	57.0	57.5	58.6
IV 16000	32.8	50.7	52.5	53.6	54.3	54.6	55.4	55.7	55.7	56.3	56.8	56.8	57.3	57.4	57.9	59.0
IV 14000	33.6	51.7	53.5	54.6	55.3	55.6	56.4	56.7	56.7	57.3	57.8	57.8	58.3	58.4	58.9	60.0
IV 12000	34.7	53.5	55.4	56.5	57.2	57.5	58.4	58.7	58.7	59.3	59.8	59.9	60.4	60.5	61.0	62.1
IV 10000	35.9	55.9	57.8	59.0	59.7	60.0	60.9	61.2	61.2	61.9	62.4	62.4	63.0	63.1	63.6	64.7
IV 9000	36.6	56.9	58.8	60.0	60.7	61.0	61.9	62.2	62.2	62.9	63.4	63.4	64.0	64.0	64.5	65.7
IV 8000	37.5	58.8	60.9	62.2	62.9	63.2	64.2	64.5	64.5	65.1	65.7	65.7	66.2	66.3	66.8	67.9
IV 7000	38.3	60.1	62.3	63.9	64.6	64.9	65.9	66.2	66.2	66.8	67.3	67.4	67.9	68.0	68.5	69.6
IV 6000	39.2	61.7	63.9	65.5	66.3	66.6	67.6	67.9	67.9	68.5	69.0	69.1	69.6	69.7	70.2	71.3
IV 5000	40.2	63.8	66.0	67.7	68.4	68.7	69.7	70.0	70.0	70.7	71.3	71.3	71.8	71.9	72.4	73.6
IV 4500	40.3	64.2	66.4	68.3	69.0	69.3	70.3	70.6	70.7	71.3	71.9	72.0	72.5	72.6	73.1	74.2
IV 4000	41.3	65.6	67.8	69.7	70.4	70.8	71.8	72.1	72.1	72.9	73.4	73.5	74.0	74.1	74.6	75.7
IV 3500	41.8	66.6	68.8	70.6	71.4	71.7	72.7	73.0	73.1	73.8	74.4	74.4	75.0	75.0	75.6	76.7
IV 3000	42.6	68.0	70.3	72.3	73.2	73.5	74.5	74.9	74.9	75.7	76.2	76.3	76.8	76.9	77.4	78.6
IV 2500	43.2	69.7	72.1	74.3	75.3	75.7	76.7	77.0	77.0	77.8	78.3	78.4	78.9	79.0	79.6	80.7
IV 2000	44.5	72.2	74.7	76.8	77.9	78.3	79.3	79.7	79.7	80.4	81.0	81.0	81.6	81.7	82.2	83.3
IV 1800	44.7	72.9	75.3	77.5	78.7	79.0	80.0	80.4	80.4	81.2	81.7	81.8	82.3	82.5	83.0	84.1
IV 1500	45.5	75.2	77.7	80.0	81.3	81.7	82.7	83.1	83.1	84.0	84.5	84.6	85.1	85.3	85.8	87.0
IV 1200	46.0	76.6	79.3	81.8	83.3	83.7	84.7	85.1	85.1	86.0	86.6	86.6	87.2	87.3	87.9	89.0
IV 1000	46.5	78.3	81.3	83.9	85.5	85.9	87.1	87.5	87.5	88.5	89.0	89.1	89.7	89.8	90.3	91.5
IV 900	46.7	79.1	82.1	85.0	86.7	87.0	88.3	88.7	88.7	89.7	90.3	90.3	90.9	91.0	91.6	92.7
IV 800	46.9	80.0	83.1	86.2	88.2	88.6	89.9	90.3	90.4	91.5	92.0	92.1	92.7	92.9	93.4	94.5
IV 700	46.9	80.1	83.5	86.8	89.0	89.3	90.7	91.2	91.3	92.5	93.1	93.1	93.7	93.9	94.4	95.6
IV 600	46.9	80.2	83.7	87.2	89.6	90.0	91.5	92.1	92.2	93.4	94.0	94.1	94.7	94.9	95.4	96.5
IV 500	46.9	80.4	83.9	87.6	90.2	90.7	92.2	92.9	93.0	94.3	95.1	95.2	96.0	96.2	96.7	97.8
IV 400	46.9	80.4	83.9	87.7	90.3	90.8	92.4	93.1	93.3	94.8	95.7	95.8	96.7	96.8	97.3	98.5
IV 300	46.9	80.4	83.9	87.7	90.3	90.8	92.5	93.2	93.4	95.0	95.9	96.0	96.9	97.0	97.6	98.7
IV 200	46.9	80.4	83.9	87.7	90.3	90.8	92.6	93.3	93.5	95.1	96.1	96.2	97.1	97.3	97.9	99.0
IV 100	46.9	80.4	83.9	87.7	90.3	90.8	92.6	93.3	93.5	95.2	96.2	96.3	97.2	97.3	98.0	99.3
IV 0	47.0	80.4	84.0	87.7	90.4	90.9	92.6	93.3	93.5	95.2	96.2	96.3	97.2	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2300



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.8	42.6	43.3	43.9	44.7	44.7	45.0	45.1	45.2	45.4	45.4	45.4	45.4	45.4	45.5	45.6
IV 20000	34.7	52.1	52.9	53.8	54.8	54.9	55.2	55.4	55.5	55.8	55.8	55.8	55.8	55.8	55.9	56.0
IV 18000	35.0	52.4	53.3	54.2	55.2	55.3	55.6	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.4	56.5
IV 16000	35.1	52.6	53.4	54.3	55.4	55.5	55.8	56.0	56.1	56.4	56.4	56.4	56.4	56.4	56.5	56.6
IV 14000	35.3	53.3	54.2	55.1	56.1	56.2	56.5	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.3	57.4
IV 12000	36.9	55.6	56.5	57.4	58.5	58.6	58.9	59.2	59.3	59.6	59.6	59.6	59.6	59.7	59.7	59.8
IV 10000	38.5	58.6	59.4	60.3	61.5	61.6	61.9	62.2	62.3	62.6	62.6	62.6	62.6	62.6	62.7	62.8
IV 9000	39.3	59.6	60.5	61.4	62.5	62.6	62.9	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.8	63.9
IV 8000	40.4	61.7	62.8	63.7	64.8	64.9	65.2	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.1	66.2
IV 7000	41.5	63.5	64.6	65.5	66.7	66.8	67.1	67.6	67.6	68.0	68.1	68.1	68.2	68.2	68.2	68.3
IV 6000	42.0	64.5	65.7	66.7	67.9	68.0	68.3	68.7	68.8	69.2	69.3	69.3	69.3	69.3	69.4	69.5
IV 5000	42.5	65.7	67.0	68.0	69.2	69.3	69.7	70.1	70.1	70.6	70.7	70.7	70.7	70.7	70.8	70.9
IV 4500	42.7	66.2	67.6	68.6	69.8	69.9	70.3	70.7	70.7	71.2	71.3	71.3	71.3	71.3	71.4	71.5
IV 4000	43.3	67.6	68.9	69.9	71.1	71.3	71.7	72.2	72.3	72.7	72.8	72.8	72.8	72.8	72.9	73.0
IV 3500	43.6	68.4	69.7	70.8	72.0	72.1	72.6	73.1	73.2	73.6	73.7	73.7	73.7	73.7	73.8	73.9
IV 3000	44.8	70.4	71.8	73.1	74.4	74.5	75.0	75.5	75.6	76.0	76.1	76.1	76.1	76.1	76.2	76.3
IV 2500	46.0	72.6	74.1	75.4	76.8	77.0	77.5	78.0	78.0	78.5	78.6	78.6	78.6	78.6	78.7	78.8
IV 2000	47.6	75.5	77.2	78.5	80.0	80.2	80.6	81.2	81.2	81.7	81.8	81.8	81.8	81.8	81.9	82.0
IV 1800	48.1	76.2	77.9	79.3	80.8	81.0	81.5	82.0	82.1	82.5	82.6	82.6	82.7	82.7	82.8	82.8
IV 1500	49.3	79.2	81.0	82.5	84.1	84.3	84.8	85.5	85.5	86.0	86.1	86.1	86.2	86.2	86.2	86.3
IV 1200	50.4	81.7	83.8	85.4	87.2	87.3	88.1	88.7	88.7	89.2	89.3	89.3	89.4	89.4	89.5	89.6
IV 1000	50.8	83.4	85.9	87.8	89.6	89.7	90.6	91.2	91.3	91.8	91.9	91.9	92.0	92.0	92.1	92.2
IV 900	50.8	83.9	86.5	88.7	90.6	90.8	91.7	92.4	92.5	93.0	93.1	93.1	93.2	93.2	93.3	93.4
IV 800	50.9	84.3	87.0	89.5	91.6	91.9	93.0	93.7	93.8	94.5	94.7	94.7	94.8	94.8	94.9	95.0
IV 700	50.9	84.8	87.6	90.3	92.6	92.9	94.0	94.8	94.9	95.6	95.8	95.8	95.8	95.8	96.0	96.1
IV 600	50.9	84.8	87.7	90.7	93.1	93.5	94.9	95.8	95.9	96.8	97.0	97.0	97.2	97.2	97.3	97.4
IV 500	50.9	85.0	88.0	91.1	93.7	94.3	95.9	96.9	97.1	98.0	98.3	98.3	98.6	98.6	98.7	98.8
IV 400	50.9	85.0	88.0	91.1	93.7	94.3	96.1	97.3	97.5	98.7	99.1	99.1	99.3	99.3	99.4	99.5
IV 300	50.9	85.0	88.0	91.1	93.7	94.3	96.1	97.3	97.5	98.8	99.2	99.2	99.5	99.5	99.6	99.7
IV 200	50.9	85.0	88.0	91.1	93.7	94.3	96.1	97.3	97.5	98.8	99.2	99.2	99.5	99.5	99.7	99.7
IV 100	50.9	85.0	88.0	91.1	93.7	94.3	96.1	97.3	97.5	98.8	99.3	99.3	99.6	99.6	99.7	99.8
IV 0	50.9	85.0	88.0	91.1	93.7	94.3	96.1	97.3	97.5	98.8	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2355

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.3	47.8	48.0	48.5	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	44.5	58.4	58.8	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 18000	44.8	58.8	59.1	59.7	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 16000	45.0	59.1	59.4	60.0	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 14000	43.2	59.6	59.9	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 12000	46.2	61.1	61.5	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 10000	47.4	63.1	63.6	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 9000	48.0	64.1	64.6	65.2	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 8000	49.3	66.3	66.9	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 7000	50.1	67.3	68.1	68.8	69.1	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 6000	50.6	68.4	69.2	69.9	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 5000	51.0	69.4	70.2	71.0	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 4500	51.1	69.6	70.4	71.2	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4000	51.9	70.5	71.3	72.2	72.7	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 3500	53.1	72.0	72.8	73.7	74.2	74.3	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 3000	53.1	74.8	75.6	76.5	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 2500	56.1	77.6	78.5	79.5	80.1	80.3	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 2000	58.0	80.9	81.8	82.9	83.7	83.8	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 1800	58.2	82.1	83.3	84.4	85.2	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 1500	59.7	85.4	86.9	88.1	88.9	89.1	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	60.1	87.6	89.1	90.6	91.8	92.0	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	60.5	89.2	90.9	92.5	93.8	94.0	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 900	60.5	89.5	91.2	93.0	94.3	94.5	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 800	60.5	90.1	92.0	94.0	95.4	95.5	96.3	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9
IV 700	60.5	90.2	92.2	94.2	95.7	96.0	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4
IV 600	60.5	90.5	92.6	94.7	96.3	96.6	97.3	97.8	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.5
IV 500	60.5	90.6	92.9	94.9	96.6	97.0	97.8	98.4	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.3
IV 400	60.5	90.7	92.9	94.9	96.6	97.0	98.0	98.7	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.7
IV 300	60.5	90.7	92.9	95.0	96.8	97.2	98.1	98.8	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.9
IV 200	60.5	90.7	92.9	95.0	96.8	97.2	98.1	98.8	99.1	99.4	99.6	99.6	99.8	99.8	99.8	100.0
IV 100	60.5	90.7	92.9	95.0	96.8	97.2	98.1	98.8	99.1	99.4	99.6	99.6	99.8	99.8	99.8	100.0
IV 0	60.5	90.7	92.9	95.0	96.8	97.2	98.1	98.8	99.1	99.4	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2352



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	37.2	48.5	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 20000	45.4	58.9	59.4	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 18000	45.5	59.0	59.6	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 16000	45.8	59.3	59.8	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 14000	46.5	60.2	60.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 12000	47.5	61.7	62.2	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 10000	49.0	64.1	64.6	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 9000	49.4	64.4	65.0	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
IV 8000	50.7	66.7	67.2	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 7000	51.3	67.6	68.4	68.8	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 6000	52.3	69.9	70.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000	53.4	71.2	72.0	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 4500	53.7	72.0	72.8	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	54.6	73.2	74.0	74.5	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	55.7	74.6	75.5	76.0	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3000	57.3	77.4	78.3	78.8	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 2500	58.6	80.5	81.4	81.9	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2000	60.2	83.7	84.9	85.5	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9
IV 1800	60.6	84.6	85.8	86.5	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1500	61.2	87.1	88.6	89.5	90.5	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1200	61.4	88.7	90.3	91.2	92.4	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1000	61.9	89.7	91.5	92.5	93.9	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 900	61.9	89.8	91.6	92.9	94.5	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
IV 800	61.9	90.4	92.4	94.0	95.5	96.0	96.4	96.5	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.1
IV 700	61.9	90.5	92.5	94.2	96.0	96.5	97.1	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.9	97.9
IV 600	61.9	90.6	92.7	94.4	96.1	96.7	97.5	97.7	97.9	98.1	98.2	98.3	98.5	98.5	98.5	98.6
IV 500	61.9	90.7	92.7	94.4	96.3	97.0	97.9	98.1	98.3	98.7	98.9	98.9	99.1	99.1	99.2	99.2
IV 400	61.9	90.7	92.8	94.5	96.4	97.1	98.0	98.4	98.7	99.2	99.4	99.4	99.7	99.7	99.7	99.7
IV 300	61.9	90.7	92.8	94.5	96.4	97.1	98.2	98.6	98.9	99.3	99.5	99.6	99.8	99.8	99.9	99.9
IV 200	61.9	90.7	92.8	94.5	96.5	97.2	98.3	98.6	98.9	99.4	99.6	99.6	99.9	99.9	99.9	100.0
IV 100	61.9	90.7	92.8	94.5	96.5	97.2	98.3	98.6	98.9	99.4	99.6	99.6	99.9	99.9	99.9	100.0
IV 0	61.9	90.7	92.8	94.5	96.5	97.2	98.3	98.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2354

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72

NOV  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.7	54.9	56.0	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 20000	45.2	61.7	62.8	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 18000	45.5	62.0	63.1	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 16000	45.7	62.3	63.4	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
IV 14000	46.1	62.8	63.9	64.6	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 12000	47.9	65.0	66.1	66.8	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 10000	49.1	67.0	68.1	68.9	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 9000	49.3	67.4	68.6	69.3	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000	50.0	69.0	70.1	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 7000	50.7	70.0	71.2	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 6000	51.4	71.2	72.4	73.1	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 5000	52.1	73.0	74.2	75.0	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 4500	52.6	74.0	75.3	76.1	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 4000	53.5	75.6	77.0	77.8	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500	54.4	77.7	79.1	80.0	80.5	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3000	55.1	79.3	80.9	81.7	82.3	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2500	56.1	82.2	83.8	84.6	85.2	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	57.0	84.2	86.0	87.3	88.2	88.4	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1800	57.3	84.8	86.6	88.0	88.9	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1500	57.8	86.5	88.4	90.0	90.9	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1200	57.9	87.9	89.9	91.7	92.9	93.1	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	58.0	88.4	90.6	92.5	93.8	94.1	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	58.0	88.6	91.0	93.0	94.4	94.7	95.2	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	58.0	88.9	91.5	93.7	95.1	95.6	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 700	58.0	89.2	92.0	94.4	96.0	96.5	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	58.0	89.4	92.2	94.6	96.3	96.8	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	58.0	89.4	92.2	94.8	96.6	97.2	98.2	98.6	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 200	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-52,62-72  
YEAR

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.2	58.3	58.9	59.5	59.9	60.0	60.2	60.3	60.4	60.5	60.6	60.6	60.8	60.8	60.9	61.1
IV 20000	42.6	63.3	63.9	64.5	64.9	65.0	65.2	65.2	65.3	65.5	65.6	65.6	65.7	65.7	65.8	66.1
IV 18000	42.6	63.3	63.9	64.6	64.9	65.1	65.2	65.3	65.4	65.5	65.7	65.7	65.8	65.8	65.9	66.2
IV 16000	42.9	63.6	64.2	64.8	65.2	65.3	65.5	65.6	65.7	65.8	65.9	65.9	66.1	66.1	66.2	66.5
IV 14000	43.6	64.3	64.9	65.5	65.9	66.1	66.2	66.3	66.4	66.5	66.7	66.7	66.8	66.8	66.9	67.2
IV 12000	45.1	66.2	66.8	67.4	67.8	68.0	68.1	68.2	68.3	68.4	68.6	68.6	68.7	68.7	68.8	69.1
IV 10000	46.0	68.2	68.8	69.4	69.8	69.9	70.1	70.2	70.2	70.4	70.5	70.5	70.6	70.6	70.8	71.0
IV 9000	46.1	68.4	69.0	69.6	70.0	70.1	70.3	70.4	70.5	70.6	70.7	70.7	70.8	70.8	71.0	71.2
IV 8000	46.8	69.5	70.1	70.7	71.1	71.3	71.5	71.6	71.7	71.8	72.0	72.0	72.1	72.1	72.2	72.5
IV 7000	48.0	71.2	71.8	72.6	73.0	73.2	73.4	73.5	73.6	73.7	73.8	73.8	74.0	74.0	74.1	74.3
IV 6000	48.5	72.4	73.0	73.8	74.2	74.4	74.6	74.7	74.8	74.9	75.1	75.1	75.2	75.2	75.3	75.6
IV 5000	49.2	73.7	74.3	75.2	75.6	75.8	76.0	76.1	76.2	76.3	76.5	76.5	76.6	76.6	76.7	77.0
IV 4500	49.5	74.6	75.4	76.4	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.6	77.7	77.7	77.9	78.1
IV 4000	49.6	75.3	76.2	77.2	77.6	77.8	78.1	78.1	78.2	78.4	78.5	78.5	78.6	78.6	78.7	79.0
IV 3500	50.2	76.5	77.4	78.6	79.0	79.2	79.4	79.5	79.6	79.7	79.8	79.8	79.9	79.9	80.1	80.3
IV 3000	51.1	79.0	79.9	81.0	81.5	81.7	82.0	82.1	82.2	82.3	82.4	82.4	82.6	82.6	82.7	83.0
IV 2500	51.7	80.8	81.8	83.1	83.7	83.9	84.2	84.3	84.3	84.5	84.6	84.6	84.8	84.8	84.9	85.2
IV 2000	52.7	83.2	84.6	86.2	87.0	87.2	87.6	87.7	87.8	88.0	88.1	88.1	88.2	88.2	88.4	88.6
IV 1800	53.1	84.0	85.3	87.1	87.9	88.1	88.5	88.6	88.7	88.9	89.0	89.0	89.1	89.1	89.3	89.5
IV 1500	53.4	85.0	86.6	88.4	89.3	89.5	89.9	90.0	90.1	90.3	90.4	90.4	90.6	90.6	90.7	90.9
IV 1200	53.7	86.5	88.5	90.5	91.4	91.6	92.1	92.3	92.4	92.6	92.7	92.7	92.8	92.8	93.0	93.2
IV 1000	53.7	87.9	90.1	92.2	93.4	93.6	94.2	94.4	94.5	94.7	94.8	94.8	95.0	95.0	95.1	95.3
IV 900	53.7	88.1	90.3	92.6	93.8	94.0	94.8	95.0	95.0	95.3	95.4	95.4	95.5	95.5	95.6	95.9
IV 800	53.7	88.2	90.6	92.9	94.2	94.4	95.2	95.4	95.5	95.8	95.9	96.1	96.1	96.2	96.5	96.5
IV 700	53.9	88.7	91.2	93.6	95.0	95.3	96.1	96.3	96.6	96.9	97.0	97.0	97.2	97.2	97.3	97.5
IV 600	53.9	88.9	91.7	94.2	95.8	96.1	97.1	97.5	97.7	98.0	98.2	98.2	98.3	98.3	98.4	98.7
IV 500	53.9	89.0	91.8	94.4	95.9	96.3	97.4	97.9	98.1	98.4	98.7	98.7	98.8	98.8	99.0	99.2
IV 400	53.9	89.0	91.8	94.4	96.0	96.4	97.6	98.1	98.3	98.8	99.1	99.1	99.2	99.2	99.4	99.7
IV 300	53.9	89.0	91.8	94.4	96.0	96.4	97.6	98.2	98.4	99.0	99.2	99.2	99.3	99.3	99.5	99.8
IV 200	53.9	89.0	91.8	94.4	96.0	96.4	97.6	98.2	98.4	99.0	99.2	99.2	99.3	99.3	99.5	99.8
IV 100	53.9	89.0	91.8	94.4	96.0	96.4	97.6	98.2	98.4	99.0	99.2	99.2	99.4	99.5	99.7	99.9
IV 0	53.9	89.0	91.8	94.4	96.0	96.4	97.6	98.2	98.4	99.0	99.2	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2319

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FURT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-52,62-70  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.5	49.7	50.4	50.8	51.6	51.6	52.0	52.2	52.2	52.5	52.7	52.7	53.0	53.1	53.1	53.2
IV 20000	36.9	54.8	55.5	56.1	56.9	56.9	57.3	57.5	57.5	57.8	58.0	58.0	58.3	58.3	58.4	58.5
IV 18000	36.9	54.8	55.6	56.1	56.9	57.0	57.4	57.5	57.5	57.8	58.0	58.0	58.3	58.4	58.4	58.6
IV 16000	37.4	55.3	56.1	56.7	57.5	57.5	57.9	58.1	58.1	58.4	58.6	58.6	58.9	59.0	59.0	59.2
IV 14000	38.0	56.1	56.9	57.5	58.3	58.3	58.8	58.9	58.9	59.2	59.4	59.4	59.7	59.8	59.8	60.0
IV 12000	38.7	57.0	57.9	58.6	59.4	59.5	59.9	60.0	60.0	60.3	60.5	60.5	60.9	60.9	61.0	61.1
IV 10000	39.1	57.9	58.8	59.6	60.4	60.5	61.0	61.1	61.1	61.4	61.7	61.7	62.0	62.0	62.1	62.2
IV 9000	39.4	58.7	59.6	60.4	61.2	61.3	61.8	61.9	61.9	62.3	62.5	62.5	62.8	62.8	62.9	63.0
IV 8000	40.6	60.5	61.5	62.3	63.2	63.2	63.7	63.9	63.9	64.2	64.4	64.4	64.7	64.8	64.8	64.9
IV 7000	41.5	62.0	63.0	63.8	64.6	64.7	65.2	65.4	65.4	65.7	65.9	65.9	66.2	66.3	66.3	66.5
IV 6000	41.9	62.9	63.9	64.7	65.6	65.7	66.2	66.3	66.3	66.7	66.9	66.9	67.2	67.3	67.3	67.5
IV 5000	42.6	64.3	65.4	66.2	67.2	67.3	67.9	68.0	68.0	68.4	68.6	68.6	68.9	68.9	69.0	69.1
IV 4500	42.9	65.2	66.2	67.1	68.1	68.2	68.8	68.9	68.9	69.3	69.5	69.5	69.8	69.8	69.9	70.0
IV 4000	43.2	65.8	66.9	67.8	68.8	68.9	69.4	69.6	69.6	69.9	70.2	70.2	70.5	70.5	70.6	70.7
IV 3500	43.6	66.6	67.8	68.8	69.8	69.9	70.5	70.6	70.6	71.0	71.2	71.2	71.5	71.6	71.6	71.8
IV 3000	44.2	67.6	68.9	70.0	71.1	71.2	71.8	71.9	71.9	72.3	72.5	72.5	72.8	72.9	72.9	73.1
IV 2500	44.9	69.0	70.5	71.7	72.9	73.0	73.6	73.7	73.7	74.1	74.4	74.4	74.7	74.7	74.8	74.9
IV 2000	46.2	71.9	73.4	75.0	76.3	76.4	77.0	77.2	77.2	77.5	77.8	77.8	78.1	78.1	78.2	78.3
IV 1800	46.9	73.4	75.0	76.6	77.9	78.1	78.7	78.9	78.9	79.2	79.5	79.5	79.8	79.9	79.9	80.1
IV 1500	48.0	75.5	77.2	78.8	80.2	80.4	81.1	81.3	81.3	81.6	82.0	82.0	82.3	82.3	82.4	82.5
IV 1200	48.7	77.5	79.3	81.2	82.9	83.2	84.0	84.2	84.2	84.6	84.9	84.9	85.3	85.3	85.4	85.5
IV 1000	49.3	79.0	81.1	83.2	85.0	85.3	86.3	86.4	86.4	87.0	87.3	87.3	87.7	87.7	87.8	87.9
IV 900	49.5	79.6	81.9	84.1	86.0	86.4	87.3	87.5	87.6	88.2	88.6	88.6	89.0	89.0	89.1	89.2
IV 800	49.6	80.2	82.9	85.6	87.6	88.0	89.0	89.3	89.4	90.1	90.7	90.7	91.1	91.1	91.2	91.3
IV 700	49.6	80.6	83.6	86.7	88.9	89.3	90.5	90.8	90.9	91.9	92.5	92.5	92.9	93.0	93.0	93.2
IV 600	49.6	80.9	84.0	87.5	89.8	90.2	91.5	92.0	92.1	93.2	93.9	93.9	94.3	94.4	94.5	94.6
IV 500	49.6	81.1	84.3	88.0	90.4	90.9	92.2	92.8	93.0	94.3	95.0	95.0	95.6	95.6	95.7	95.8
IV 400	49.6	81.1	84.4	88.2	90.9	91.4	92.8	93.4	93.6	95.0	96.1	96.1	96.9	97.0	97.0	97.2
IV 300	49.6	81.1	84.4	88.4	91.1	91.7	93.1	93.8	94.0	95.6	96.9	96.9	97.8	97.9	98.0	98.2
IV 200	49.6	81.1	84.4	88.4	91.1	91.7	93.1	93.8	94.0	95.6	97.0	97.0	98.2	98.3	98.4	98.6
IV 100	49.6	81.1	84.4	88.4	91.1	91.7	93.1	93.8	94.0	95.6	97.1	97.1	98.5	98.7	98.9	99.1
IV 0	49.6	81.1	84.4	88.4	91.1	91.7	93.1	93.8	94.0	95.6	97.1	97.2	98.7	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2228

2  
+  
0

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-5262-70  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 1/5	≥ 0	
NO CEILING	30.9	47.8	48.5	49.2	49.9	49.9	50.5	50.6	50.6	50.8	51.1	51.1	51.3	51.3	51.4	51.8
≥ 20000	33.6	51.9	52.6	53.6	54.3	54.3	54.9	55.0	55.0	55.2	55.5	55.5	55.7	55.7	55.8	56.2
IV 18000	33.6	51.9	52.6	53.6	54.3	54.3	54.9	55.0	55.0	55.2	55.5	55.5	55.7	55.7	55.8	56.2
IV 16000	34.2	52.5	53.2	54.2	54.9	54.9	55.5	55.6	55.6	55.8	56.1	56.1	56.2	56.3	56.4	56.8
IV 14000	34.7	53.1	53.9	54.8	55.6	55.6	56.1	56.2	56.2	56.4	56.7	56.7	57.0	57.0	57.0	57.4
IV 12000	35.3	54.2	55.0	56.0	56.7	56.7	57.4	57.5	57.5	57.7	58.0	58.0	58.2	58.2	58.3	58.7
IV 10000	35.6	55.9	56.8	57.8	58.5	58.5	59.1	59.2	59.3	59.5	59.8	59.8	60.0	60.0	60.1	60.5
IV 9000	35.9	56.5	57.3	58.3	59.1	59.1	59.7	59.8	59.8	60.0	60.3	60.3	60.5	60.5	60.6	61.0
IV 8000	37.3	58.2	59.1	60.1	60.9	60.9	61.5	61.6	61.9	62.2	62.2	62.2	62.4	62.4	62.5	62.9
IV 7000	38.3	59.7	60.6	61.7	62.4	62.4	62.5	63.2	63.4	63.4	63.6	64.0	64.0	64.2	64.3	64.7
IV 6000	38.6	60.6	61.5	62.6	63.4	63.4	64.2	64.3	64.3	64.6	64.9	64.9	65.2	65.2	65.2	65.7
IV 5000	39.1	61.8	62.7	63.8	64.6	64.7	65.4	65.5	65.5	65.8	66.1	66.1	66.4	66.4	66.5	66.9
IV 4500	39.3	62.4	63.4	64.5	65.3	65.4	66.1	66.2	66.2	66.3	66.9	66.9	67.1	67.1	67.2	67.6
IV 4000	39.5	63.2	64.3	65.5	66.2	66.3	67.0	67.2	67.2	67.4	67.8	67.8	68.0	68.0	68.1	68.5
IV 3500	40.0	63.9	65.1	66.3	67.0	67.1	67.9	68.0	68.0	68.3	68.7	68.7	68.9	68.9	69.0	69.4
IV 3000	40.4	65.0	66.2	67.5	68.4	68.5	69.3	69.4	69.4	69.7	70.0	70.0	70.3	70.3	70.4	70.8
IV 2500	41.3	67.1	68.4	69.9	70.9	71.0	71.7	72.0	72.0	72.2	72.6	72.6	72.8	72.8	72.9	73.3
IV 2000	42.6	70.0	71.6	73.3	74.5	74.6	75.4	75.7	75.7	75.9	76.3	76.3	76.6	76.6	76.7	77.1
IV 1800	43.3	71.6	73.2	75.0	76.2	76.3	77.1	77.3	77.3	77.6	78.0	78.0	78.3	78.3	78.3	78.7
IV 1500	44.3	74.1	75.9	77.8	79.1	79.1	80.0	80.3	80.3	80.6	81.0	81.0	81.3	81.3	81.4	81.8
IV 1200	45.1	76.6	78.7	80.7	82.2	82.3	83.3	83.5	83.5	83.9	84.5	84.5	84.8	84.8	84.8	85.2
IV 1000	45.5	78.3	80.4	82.7	84.3	84.5	85.4	85.7	85.7	86.2	86.8	86.8	87.2	87.2	87.3	87.7
IV 900	45.6	79.0	81.1	83.5	85.2	85.4	86.4	86.6	86.6	87.1	87.8	87.8	88.1	88.1	88.2	88.6
IV 800	45.7	79.7	82.0	84.5	86.5	86.7	87.8	88.1	88.1	88.7	89.4	89.4	89.8	89.8	89.9	90.3
IV 700	45.8	80.4	83.2	86.3	88.7	88.9	90.4	90.6	90.6	91.4	92.1	92.2	92.5	92.5	92.6	93.0
IV 600	45.9	80.7	83.5	86.8	89.3	89.5	91.3	91.6	91.6	92.5	93.1	93.2	93.5	93.5	93.6	94.0
IV 500	45.9	81.0	83.9	87.3	89.9	90.2	92.0	92.6	92.6	93.5	94.1	94.2	94.6	94.6	94.8	95.2
IV 400	45.9	81.1	84.2	87.7	90.5	90.9	92.7	93.3	93.4	94.3	95.2	95.3	96.0	96.0	96.1	96.5
IV 300	45.9	81.1	84.2	87.8	90.8	91.1	93.0	93.7	93.8	94.8	95.8	96.0	97.1	97.2	97.5	97.9
IV 200	45.9	81.2	84.3	87.8	90.9	91.2	93.2	93.9	93.9	95.1	96.1	96.3	97.6	97.7	98.0	98.4
IV 100	45.9	81.2	84.3	87.8	90.9	91.3	93.4	94.0	94.1	95.3	96.4	96.5	97.9	97.9	98.3	98.8
IV 0	45.9	81.2	84.3	87.8	90.9	91.3	93.4	94.0	94.1	95.3	96.5	96.7	98.1	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
STATION NAME YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	25.0	40.9	42.2	43.3	43.9	44.0	44.5	44.9	44.9	45.2	45.4	45.4	45.6	45.6	45.8	46.6
IV 20000	28.5	46.8	48.2	49.3	50.1	50.2	50.8	51.2	51.2	51.6	51.7	51.7	52.0	52.0	52.2	53.1
IV 18000	28.5	47.0	48.4	49.5	50.2	50.4	50.9	51.4	51.4	51.7	51.9	51.9	52.2	52.2	52.4	53.3
IV 16000	28.8	47.2	48.6	49.8	50.5	50.6	51.2	51.6	51.6	52.0	52.2	52.2	52.5	52.5	52.8	53.6
IV 14000	29.0	47.7	49.2	50.4	51.1	51.2	51.8	52.2	52.2	52.7	52.8	52.8	53.2	53.2	53.4	54.2
IV 12000	30.1	49.6	51.2	52.4	53.1	53.3	53.9	54.3	54.3	54.7	54.9	54.9	55.2	55.2	55.4	56.3
IV 10000	31.3	51.7	53.4	54.7	55.4	55.6	56.2	56.6	56.6	57.0	57.2	57.2	57.5	57.5	57.8	58.6
IV 9000	31.7	52.6	54.4	55.6	56.3	56.5	57.1	57.5	57.5	58.0	58.1	58.1	58.5	58.5	58.7	59.5
IV 8000	32.7	54.3	56.0	57.3	58.0	58.2	58.9	59.4	59.4	59.9	60.0	60.0	60.4	60.4	60.6	61.5
IV 7000	33.5	55.6	57.4	58.8	59.5	59.7	60.4	60.9	60.9	61.4	61.6	61.6	61.9	61.9	62.2	63.0
IV 6000	33.9	56.5	58.5	59.9	60.7	60.9	61.7	62.2	62.2	62.6	62.8	62.8	63.1	63.1	63.4	64.2
IV 5000	34.6	57.9	59.9	61.3	62.1	62.4	63.1	63.6	63.6	64.1	64.2	64.2	64.6	64.6	64.8	65.7
IV 4500	34.9	58.5	60.5	62.0	62.8	63.1	63.8	64.3	64.3	64.8	64.9	64.9	65.3	65.3	65.5	66.4
IV 4000	35.3	59.4	61.5	63.0	63.8	64.1	64.9	65.4	65.4	65.8	66.0	66.0	66.3	66.3	66.6	67.4
IV 3500	35.9	60.3	62.4	63.9	64.8	65.1	65.9	66.4	66.4	66.8	67.0	67.0	67.3	67.3	67.6	68.4
IV 3000	36.4	61.5	63.6	65.2	66.1	66.4	67.2	67.7	67.7	68.2	68.3	68.3	68.7	68.7	68.9	69.8
IV 2500	37.5	63.1	65.5	67.1	67.9	68.3	69.1	69.6	69.6	70.1	70.2	70.2	70.6	70.6	70.8	71.7
IV 2000	38.4	65.4	67.8	69.6	70.6	71.0	71.9	72.5	72.5	72.9	73.2	73.2	73.6	73.6	73.8	74.7
IV 1800	39.0	66.7	69.1	71.0	72.0	72.4	73.3	73.9	73.9	74.4	74.7	74.7	75.0	75.0	75.2	76.1
IV 1500	40.3	69.4	72.0	73.9	75.0	75.5	76.4	77.0	77.0	77.5	77.9	77.9	78.2	78.2	78.5	79.3
IV 1200	40.8	71.9	74.7	76.8	78.0	78.5	79.5	80.2	80.2	80.8	81.2	81.2	81.6	81.6	81.8	82.7
IV 1000	41.2	73.9	76.8	79.2	80.7	81.3	82.5	83.2	83.2	83.9	84.4	84.4	84.9	84.9	85.1	86.0
IV 900	41.4	74.4	77.5	80.0	81.6	82.3	83.5	84.3	84.3	85.0	85.7	85.8	86.1	86.1	86.4	87.2
IV 800	41.5	75.0	78.2	80.9	82.8	83.6	85.0	85.8	85.8	86.7	87.3	87.4	87.8	87.8	88.1	88.9
IV 700	41.6	75.5	78.9	81.8	83.9	84.7	86.4	87.3	87.6	88.6	89.3	89.4	89.8	89.8	90.1	90.9
IV 600	41.6	75.9	79.2	82.5	85.0	85.8	87.7	88.9	89.0	90.1	90.9	91.1	91.6	91.6	91.8	92.7
IV 500	41.7	76.4	79.9	83.5	86.4	87.3	89.3	90.9	91.1	92.3	93.6	93.8	94.6	94.6	94.9	95.8
IV 400	41.7	76.4	80.1	83.9	86.8	87.9	90.0	91.7	92.0	93.4	94.5	94.7	95.7	95.7	96.0	96.9
IV 300	41.7	76.5	80.1	83.9	86.9	88.0	90.2	92.0	92.3	93.9	95.1	95.3	96.6	96.6	97.0	97.9
IV 200	41.7	76.5	80.1	83.9	86.9	88.0	90.2	92.0	92.5	94.2	95.6	95.8	97.2	97.3	97.7	98.8
IV 100	41.7	76.5	80.1	83.9	86.9	88.0	90.2	92.0	92.5	94.2	95.6	95.8	97.4	97.4	97.9	99.1
IV 0	41.7	76.5	80.1	83.9	86.9	88.0	90.2	92.0	92.5	94.2	95.6	95.8	97.4	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2379



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
STATION NAME YEARS

DEC  
MONTH

0900-1100  
HOURS(LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.8	36.8	38.2	38.9	39.5	39.6	39.9	40.1	40.3	40.6	40.7	40.7	40.7	40.7	40.7	40.7
IV 20000	29.2	45.3	47.2	48.2	48.8	49.0	49.3	49.6	49.8	50.0	50.2	50.2	50.2	50.2	50.2	50.3
IV 18000	29.4	45.7	47.5	48.5	49.1	49.3	49.7	50.0	50.1	50.4	50.5	50.5	50.6	50.6	50.6	50.7
IV 16000	29.5	45.9	47.7	48.7	49.4	49.6	49.9	50.2	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.9
IV 14000	30.2	46.5	48.4	49.4	50.1	50.3	50.6	50.9	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.7
IV 12000	31.5	48.5	50.4	51.6	52.3	52.5	52.8	53.2	53.3	53.6	53.8	53.8	53.9	53.9	53.9	54.0
IV 10000	33.1	51.4	53.5	54.8	55.5	55.8	56.2	56.5	56.7	56.9	57.1	57.1	57.2	57.2	57.2	57.3
IV 9000	33.6	52.4	54.5	55.8	56.6	56.9	57.2	57.5	57.7	58.0	58.2	58.2	58.2	58.2	58.3	58.3
IV 8000	34.7	54.2	56.5	58.0	58.8	59.1	59.4	59.8	59.9	60.3	60.5	60.5	60.5	60.5	60.6	60.6
IV 7000	34.8	55.0	57.3	58.9	59.7	60.0	60.4	60.7	60.8	61.2	61.4	61.4	61.5	61.5	61.5	61.6
IV 6000	35.5	56.0	58.4	60.1	61.0	61.3	61.6	62.0	62.1	62.4	62.7	62.7	62.7	62.7	62.8	62.9
IV 5000	36.1	57.1	59.6	61.3	62.2	62.5	62.8	63.2	63.4	63.8	64.0	64.0	64.1	64.1	64.1	64.2
IV 4500	36.4	57.6	60.2	62.0	62.9	63.1	63.5	63.9	64.1	64.5	64.7	64.7	64.8	64.8	64.8	64.9
IV 4000	36.5	58.1	60.7	62.6	63.6	63.8	64.2	64.6	64.8	65.2	65.4	65.4	65.5	65.5	65.5	65.6
IV 3500	36.9	58.7	61.5	63.4	64.3	64.6	65.0	65.4	65.6	66.0	66.2	66.2	66.3	66.3	66.4	66.4
IV 3000	37.4	59.6	62.5	64.5	65.5	65.8	66.2	66.7	66.9	67.3	67.5	67.5	67.6	67.6	67.6	67.7
IV 2500	38.6	61.7	64.7	66.9	67.9	68.2	68.8	69.3	69.5	70.0	70.2	70.2	70.3	70.3	70.3	70.4
IV 2000	40.4	64.8	68.1	70.5	71.6	71.9	72.5	73.0	73.3	73.8	74.0	74.0	74.1	74.1	74.1	74.2
IV 1800	40.8	65.6	68.9	71.3	72.4	72.7	73.3	73.9	74.2	74.7	74.9	74.9	74.9	74.9	75.0	75.1
IV 1500	41.8	67.6	71.3	73.9	75.3	75.7	76.5	77.1	77.4	77.9	78.1	78.1	78.2	78.2	78.4	78.5
IV 1200	43.3	71.2	75.1	77.9	79.6	80.1	81.0	81.8	82.2	82.8	83.1	83.1	83.2	83.2	83.3	83.4
IV 1000	43.8	72.8	77.2	80.3	82.2	82.7	83.7	84.7	85.1	85.8	86.2	86.2	86.3	86.3	86.5	86.6
IV 900	43.9	73.5	78.1	81.5	83.6	84.1	85.1	86.2	86.6	87.3	87.7	87.7	87.8	87.9	88.0	88.1
IV 800	44.0	74.0	78.8	82.5	85.0	85.6	86.7	87.8	88.2	89.2	89.6	89.6	89.7	89.8	89.9	90.1
IV 700	44.1	74.5	79.4	83.2	85.8	86.4	87.7	88.9	89.4	90.6	91.0	91.0	91.2	91.2	91.4	91.5
IV 600	44.1	74.6	79.7	83.7	86.6	87.6	89.0	90.3	90.5	92.2	92.6	92.6	92.9	92.9	93.1	93.3
IV 500	44.1	74.7	80.0	84.3	87.7	88.9	90.7	92.2	92.9	94.5	95.0	95.0	95.3	95.4	95.6	95.7
IV 400	44.1	74.9	80.2	84.6	88.0	89.4	91.4	93.1	94.0	95.5	96.2	96.3	96.8	96.9	97.1	97.2
IV 300	44.1	74.9	80.2	84.6	88.1	89.5	91.5	93.3	94.3	96.1	97.0	97.1	97.7	97.8	98.1	98.3
IV 200	44.1	74.9	80.2	84.6	88.1	89.5	91.6	93.5	94.5	96.3	97.2	97.5	98.2	98.4	98.8	99.3
IV 100	44.1	74.9	80.2	84.6	88.1	89.5	91.6	93.5	94.5	96.3	97.2	97.5	98.2	98.4	98.9	99.6
IV 0	44.1	74.9	80.2	84.6	88.1	89.5	91.6	93.5	94.5	96.3	97.2	97.5	98.3	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2434

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.2	42.1	42.6	43.0	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 20000	39.0	52.5	53.3	53.8	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 18000	39.1	52.9	53.7	54.2	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 16000	39.3	53.0	53.8	54.4	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	39.7	53.3	54.3	54.9	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 12000	41.1	55.3	56.2	56.8	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 10000	42.7	58.3	59.3	60.2	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 9000	42.7	58.9	60.0	60.7	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	43.8	60.9	62.0	62.7	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 7000	44.4	61.7	62.8	63.5	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 6000	45.0	62.7	63.9	64.6	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 5000	45.6	63.6	64.8	65.5	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 4500	46.0	64.2	65.3	66.2	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 4000	46.3	64.7	66.0	66.7	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 3500	46.8	65.3	66.7	67.4	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 3000	47.8	67.0	68.3	69.1	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 2500	49.0	68.9	70.3	71.2	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 2000	50.8	72.4	74.2	75.1	76.3	76.5	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9
IV 1800	51.4	73.7	75.4	76.5	77.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 1500	52.3	76.2	78.3	79.8	81.0	81.3	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
IV 1200	53.6	79.0	81.4	83.3	84.7	85.0	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
IV 1000	53.9	80.7	83.3	85.6	87.1	87.7	88.2	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.8
IV 900	54.2	81.3	84.6	86.8	88.4	89.1	89.7	89.9	89.9	90.1	90.1	90.1	90.2	90.3	90.4
IV 800	54.3	81.9	85.1	87.4	89.3	90.0	90.7	91.0	91.0	91.4	91.4	91.5	91.6	91.7	91.9
IV 700	54.3	82.1	85.4	87.9	89.8	90.6	91.4	91.7	91.8	92.3	92.4	92.5	92.7	92.8	93.0
IV 600	54.3	82.1	85.5	88.5	90.7	91.5	92.6	93.1	93.3	94.0	94.1	94.1	94.5	94.7	94.9
IV 500	54.3	82.2	85.6	88.8	91.4	92.3	93.9	94.7	95.1	96.3	96.4	96.4	97.0	97.1	97.4
IV 400	54.3	82.3	85.8	89.0	91.6	92.8	94.5	95.3	95.9	97.1	97.4	97.5	98.1	98.3	98.6
IV 300	54.3	82.4	85.9	89.1	91.7	92.8	94.7	95.6	95.2	97.6	97.9	98.0	98.6	98.8	99.0
IV 200	54.3	82.4	85.9	89.1	91.7	92.8	94.7	95.7	96.3	97.7	98.1	98.2	99.0	99.2	99.5
IV 100	54.3	82.4	85.9	89.1	91.7	92.8	94.7	95.7	96.3	97.7	98.1	98.2	99.1	99.2	99.5
IV 0	54.3	82.4	85.9	89.1	91.7	92.8	94.7	95.7	96.3	97.7	98.1	98.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2430



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
STATION NAME YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	32.1	42.8	43.5	44.0	44.3	44.3	44.4	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 20000	39.6	52.7	53.5	54.3	54.7	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 18000	39.7	53.0	53.9	54.6	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 16000	39.9	53.2	54.1	54.8	55.2	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 14000	40.4	53.7	54.6	55.3	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 12000	42.3	56.3	57.1	57.9	58.3	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 10000	44.1	58.6	59.6	60.4	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 9000	44.7	59.7	60.6	61.5	62.0	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 8000	45.9	61.8	62.8	63.7	64.1	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 7000	47.2	63.8	64.9	65.8	66.2	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 6000	47.6	64.4	65.7	66.6	67.1	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 5000	48.2	65.2	66.5	67.4	67.9	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 4500	48.6	66.0	67.4	68.3	68.8	69.0	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4
IV 4000	49.0	66.5	67.9	68.9	69.3	69.6	69.6	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9
IV 3500	49.5	67.2	68.6	69.6	70.0	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7
IV 3000	50.2	68.6	70.0	71.0	71.4	71.7	71.8	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1
IV 2500	51.3	70.6	72.3	73.4	74.0	74.2	74.3	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
IV 2000	52.8	73.7	75.6	76.9	77.5	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1800	53.3	74.5	76.4	77.8	78.6	78.8	79.0	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3
IV 1500	54.6	77.5	80.0	81.6	82.5	82.7	83.0	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
IV 1200	55.1	79.5	82.3	84.3	85.4	85.7	86.1	86.2	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8
IV 1000	55.1	80.6	83.8	86.0	87.3	87.8	88.2	88.5	88.6	89.2	89.3	89.4	89.4	89.4	89.5	89.5
IV 900	55.3	81.1	84.4	86.7	88.1	88.6	89.2	89.4	89.7	90.3	90.5	90.6	90.6	90.6	90.7	90.7
IV 800	55.5	81.6	85.1	87.6	89.2	89.8	90.4	90.9	91.1	91.9	92.2	92.2	92.4	92.5	92.6	92.6
IV 700	55.5	81.9	85.5	88.3	90.2	90.8	91.7	92.3	92.6	93.3	93.7	93.8	94.0	94.1	94.2	94.2
IV 600	55.5	82.1	85.7	88.7	90.7	91.4	92.8	93.6	93.9	94.8	95.3	95.4	95.9	96.0	96.1	96.1
IV 500	55.5	82.2	85.8	88.9	91.0	91.9	93.5	94.7	95.2	96.4	96.9	97.0	97.6	97.8	97.9	97.9
IV 400	55.5	82.2	85.9	88.9	91.2	92.1	93.8	95.1	95.6	96.9	97.5	97.6	98.4	98.5	98.7	98.7
IV 300	55.5	82.2	85.9	88.9	91.2	92.1	93.9	95.3	95.8	97.5	98.1	98.2	98.9	99.1	99.3	99.4
IV 200	55.5	82.2	85.9	88.9	91.2	92.1	94.0	95.4	95.9	97.5	98.2	98.3	99.2	99.3	99.6	99.7
IV 100	55.5	82.2	85.9	88.9	91.2	92.1	94.0	95.4	95.9	97.5	98.2	98.3	99.2	99.3	99.7	99.8
IV 0	55.5	82.2	85.9	88.9	91.2	92.1	94.0	95.4	95.9	97.5	98.2	98.3	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2434

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

38-52,62-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	33.0	48.6	49.4	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 20000	37.8	55.2	55.9	57.0	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 18000	37.8	55.2	55.9	57.0	57.3	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 16000	37.8	55.3	56.1	57.1	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 14000	38.1	55.9	56.7	57.7	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 2000	39.5	57.7	58.5	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 10000	41.5	60.6	61.4	62.6	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 9000	41.8	61.1	61.9	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 8000	43.1	63.0	63.8	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 7000	43.7	63.9	64.8	66.2	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 6000	44.1	64.7	65.5	67.0	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 5000	44.6	66.0	66.8	68.2	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4500	45.0	66.8	67.7	69.1	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 4000	45.2	67.5	68.5	69.9	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 3500	45.7	68.6	69.6	71.0	71.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 3000	46.0	70.0	71.0	72.5	73.0	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 2500	46.9	71.7	72.9	74.4	75.0	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 2000	48.4	75.0	76.6	78.3	79.1	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 1800	49.2	76.8	78.5	80.3	81.2	81.3	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 1500	49.6	79.1	81.2	83.0	84.1	84.2	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1200	50.3	81.0	83.2	85.1	86.4	86.6	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1000	50.3	81.9	84.3	86.2	87.8	87.9	88.2	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 900	50.4	82.2	84.8	87.0	88.7	88.9	89.2	89.6	89.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 800	50.4	82.5	85.2	87.4	89.4	89.7	90.1	90.7	90.7	91.4	91.6	91.6	91.7	91.8	91.8	91.8
IV 700	50.4	82.7	85.6	87.9	90.2	90.7	91.2	91.9	91.9	92.7	92.9	92.9	93.0	93.0	93.0	93.0
IV 600	50.4	82.8	85.9	88.3	90.7	91.5	92.4	93.3	93.3	94.1	94.3	94.4	94.7	94.7	94.7	94.7
IV 500	50.4	83.0	86.0	88.5	91.2	92.3	93.6	94.8	94.9	95.7	96.2	96.3	96.8	96.8	96.8	96.8
IV 400	50.4	83.0	86.1	88.6	91.5	92.6	94.0	95.5	95.5	96.9	97.4	97.5	98.2	98.3	98.5	98.5
IV 300	50.4	83.0	86.1	88.6	91.5	92.7	94.1	95.6	95.7	97.1	97.8	98.0	98.8	98.9	99.0	99.0
IV 200	50.4	83.0	86.1	88.6	91.5	92.7	94.1	95.6	95.7	97.2	97.9	98.1	99.0	99.1	99.2	99.3
IV 100	50.4	83.0	86.1	88.6	91.5	92.7	94.1	95.6	95.7	97.2	97.9	98.1	99.1	99.2	99.5	99.6
IV 0	50.4	83.0	86.1	88.6	91.5	92.7	94.1	95.6	95.7	97.2	97.9	98.1	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2388

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13921  
STATION

FORT LEAVENWORTH KAHS/SHERMAN AAF  
STATION NAME

38-52,62-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ .	≥ 0	
NO CEILING	31.9	50.0	50.7	51.5	51.9	52.0	52.2	52.2	52.3	52.4	52.5	52.5	52.6	52.6	52.7	
≥ 20000	36.4	56.5	57.2	58.1	58.6	58.7	58.9	58.9	59.0	59.1	59.2	59.2	59.3	59.3	59.4	
IVV 18000	36.4	56.5	57.3	58.2	58.6	58.7	58.9	58.9	59.0	59.2	59.2	59.2	59.3	59.3	59.4	
IVV 15000	36.4	56.6	57.3	58.2	58.7	58.8	59.0	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.5	
IVV 14000	36.7	57.2	57.9	58.9	59.3	59.4	59.6	59.6	59.7	59.9	59.9	60.0	60.0	60.0	60.1	
IVV 12000	37.7	58.5	59.2	60.3	60.7	60.8	61.0	61.0	61.1	61.3	61.3	61.3	61.4	61.4	61.5	
IVV 10000	38.7	60.3	61.1	62.2	62.7	62.7	63.0	63.0	63.1	63.3	63.3	63.3	63.4	63.4	63.5	
IVV 9000	39.1	60.9	61.7	62.8	63.3	63.4	63.7	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.2	
IVV 8000	40.1	62.7	63.5	64.6	65.0	65.1	65.4	65.4	65.5	65.7	65.7	65.7	65.8	65.8	65.9	
IVV 7000	40.7	63.5	64.3	65.5	65.9	66.1	66.3	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.8	
IVV 6000	41.8	64.8	65.7	66.8	67.3	67.4	67.7	67.7	67.8	68.0	68.0	68.0	68.1	68.1	68.2	
IVV 5000	41.6	65.7	66.7	67.9	68.4	68.5	68.8	68.9	69.0	69.2	69.2	69.2	69.3	69.3	69.4	
IVV 4500	41.8	66.2	67.3	68.5	68.9	69.1	69.4	69.5	69.6	69.8	69.8	69.8	69.9	69.9	70.0	
IVV 4000	42.1	66.8	67.9	69.1	69.5	69.7	70.0	70.1	70.2	70.4	70.4	70.4	70.5	70.5	70.6	
IVV 3500	42.7	68.1	69.2	70.4	71.0	71.1	71.5	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.1	
IVV 3000	43.5	69.4	70.6	72.0	72.6	72.8	73.1	73.2	73.3	73.5	73.5	73.5	73.6	73.6	73.7	
IVV 2500	44.0	70.4	72.0	73.6	74.2	74.4	74.8	74.9	75.0	75.2	75.2	75.2	75.3	75.3	75.4	
IVV 2000	45.4	73.7	75.5	77.3	78.0	78.1	78.6	78.8	78.9	79.1	79.2	79.2	79.3	79.3	79.4	
IVV 1800	45.9	74.8	76.6	78.6	79.2	79.4	79.8	80.2	80.2	80.5	80.6	80.6	80.7	80.7	80.8	
IVV 1500	47.0	77.4	79.4	81.5	82.4	82.6	83.1	83.4	83.5	83.9	84.0	84.0	84.1	84.1	84.2	
IVV 1200	47.6	78.6	80.8	83.1	84.3	84.5	85.1	85.4	85.6	86.0	86.1	86.1	86.2	86.2	86.4	
IVV 1000	48.1	80.2	82.7	85.1	86.8	87.2	87.9	88.4	88.5	89.0	89.2	89.2	89.3	89.4	89.5	
IVV 900	48.1	80.3	82.9	85.4	87.3	87.7	88.4	88.9	89.1	89.6	89.8	89.8	89.9	90.0	90.2	
IVV 800	48.2	80.8	83.6	86.4	88.4	88.9	89.7	90.2	90.4	91.0	91.3	91.3	91.5	91.5	91.8	
IVV 700	48.3	81.2	84.1	87.2	89.5	89.9	90.8	91.5	91.7	92.4	92.7	92.7	92.8	92.9	93.1	
IVV 600	48.3	81.3	84.3	87.6	90.0	90.7	91.7	92.5	92.7	93.7	94.1	94.1	94.2	94.2	94.5	
IVV 500	48.3	81.4	84.4	87.9	90.7	91.5	92.7	93.6	93.9	95.0	95.5	95.6	96.0	96.1	96.4	
IVV 400	48.3	81.5	84.6	88.1	91.1	91.9	93.2	94.1	94.5	95.8	96.5	96.5	97.2	97.3	97.7	
IVV 300	48.3	81.5	84.7	88.2	91.3	92.1	93.3	94.4	94.8	96.3	97.1	97.2	97.8	97.9	98.2	
IVV 200	48.3	81.5	84.7	88.2	91.3	92.1	93.3	94.4	94.8	96.3	97.1	97.2	98.0	98.1	98.5	
IVV 100	48.3	81.5	84.7	88.2	91.3	92.1	93.3	94.4	94.8	96.3	97.3	97.4	98.4	98.5	98.8	
IVV 0	48.3	81.5	84.7	88.2	91.3	92.1	93.3	94.4	94.8	96.3	97.3	97.4	98.5	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 2389

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

SKY COVER

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 46-53,62-70 ALL  
 STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	27.4	3.8	4.1	3.3	3.0	1.8	3.0	3.7	4.5	3.4	41.9	5.7	12269
FEB		28.5	3.8	3.9	3.4	3.3	2.1	2.8	3.1	4.2	3.0	42.0	5.6	10712
MAR		23.0	3.2	3.7	4.0	3.4	2.4	2.9	4.0	5.2	3.7	43.9	6.1	11709
APR		23.4	4.3	4.3	4.3	3.3	2.7	3.0	4.0	5.3	4.3	41.3	5.0	11526
MAY		20.6	5.1	5.0	5.2	4.6	3.7	3.9	5.3	6.8	4.9	35.1	5.8	12091
JUN		19.6	5.7	6.1	5.7	5.4	4.1	4.1	5.7	8.2	5.7	29.7	5.6	12232
JUL		22.8	7.5	7.2	7.1	6.0	4.8	4.5	5.7	7.6	5.4	21.4	4.8	12398
AUG		28.5	6.4	7.1	6.8	5.5	4.1	3.8	4.8	6.9	4.3	21.8	4.5	12393
SEP		34.2	5.2	5.2	5.2	4.6	3.1	3.5	4.5	5.9	4.3	24.3	4.5	11993
OCT		39.4	5.3	5.2	4.4	3.7	2.6	3.3	3.8	5.0	3.4	23.9	4.2	12085
NOV		31.2	4.7	4.0	3.8	3.2	2.3	3.1	3.8	5.3	4.1	34.6	5.2	11405
DEC		27.5	3.7	4.2	3.7	3.1	1.8	2.7	3.3	4.5	3.3	42.2	5.7	11900
TOTALS		27.2	4.9	5.0	4.7	4.1	3.0	3.4	4.3	5.8	4.2	33.5	5.3	142713



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SKY COVER

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 46-53,62-70 FEB  
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	38.8	2.4	3.7	3.4	2.0	.9	1.9	1.5	3.3	1.6	40.5	5.0	1277
	03-05	39.0	2.3	2.7	2.5	2.9	1.3	2.7	1.9	2.2	1.9	40.6	5.0	1277
	06-08	25.0	4.1	4.5	3.7	3.7	2.2	2.9	3.0	4.7	3.5	42.7	5.8	1361
	09-11	19.0	4.7	4.1	4.2	4.0	2.6	2.7	3.5	5.3	3.7	46.2	6.3	1362
	12-14	18.5	5.1	5.1	4.0	4.0	2.9	3.0	3.6	5.0	4.6	44.2	6.2	1361
	15-17	20.8	6.0	3.6	3.5	3.3	3.3	3.6	4.4	5.7	4.2	41.6	6.1	1358
	18-20	28.9	3.4	3.8	3.4	3.5	2.5	3.3	3.5	4.6	2.7	40.4	5.6	1358
	21-23	37.7	2.6	3.5	2.7	3.1	1.4	2.1	3.4	2.5	1.8	39.4	5.0	1358
TOTALS		28.5	3.8	3.9	3.4	3.3	2.1	2.8	3.1	4.2	3.0	42.0	5.6	10712



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

SKY COVER

13921

FORT LEAVENWORTH KANS/SHERMAN AAF

47-53,62-70

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	36.5	2.8	3.9	3.6	2.5	.6	1.6	3.0	2.8	1.9	40.9	5.1	1395
	03-05	35.8	2.2	2.7	3.8	2.7	1.5	2.0	2.7	2.9	1.1	42.7	5.3	1395
	06-08	18.8	3.8	4.4	4.4	3.0	2.4	2.6	3.9	7.1	3.9	45.8	6.4	1488
	09-11	15.2	3.8	3.5	3.9	3.7	3.1	2.8	4.4	5.6	5.4	48.6	6.8	1488
	12-14	14.0	3.4	3.0	3.3	3.8	3.6	4.0	5.2	7.5	5.9	46.3	6.9	1486
	15-17	14.7	4.0	3.9	3.6	3.1	3.2	4.0	5.6	6.3	6.0	45.6	6.7	1487
	18-20	21.1	3.3	4.0	4.9	4.4	3.0	3.7	5.0	5.7	3.4	41.6	6.1	1484
	21-23	33.0	2.4	4.2	4.6	3.7	2.0	2.7	2.5	3.4	1.9	39.6	5.2	1486
TOTALS		23.6	3.2	3.7	4.0	3.4	2.4	2.9	4.0	5.2	3.7	43.9	6.1	11709

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

13921

FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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	38.3	2.9	3.1	4.2	3.2	1.7	1.9	3.9	4.1	1.8	34.8	4.8	1439
	03-05	32.7	3.7	4.1	4.2	2.4	1.6	2.4	2.5	4.6	2.4	39.5	5.3	1440
	06-08	19.2	4.9	4.5	3.8	3.3	2.3	2.6	4.0	4.9	5.8	44.8	6.3	1439
	09-11	17.9	4.2	2.9	4.3	3.4	2.3	3.3	4.4	5.5	5.3	46.4	6.6	1443
	12-14	13.0	5.5	4.2	3.7	3.5	3.9	3.5	5.0	7.2	6.2	44.2	6.7	1443
	15-17	13.3	4.3	4.3	3.9	3.7	4.4	4.2	4.5	8.2	6.4	42.7	6.7	1442
	18-20	18.1	5.0	6.0	6.0	3.6	3.4	3.2	3.9	5.8	4.5	40.4	6.0	1440
	21-23	34.4	3.5	5.1	3.8	3.4	2.1	2.8	3.5	2.4	1.6	37.2	5.0	1440
TOTALS		23.4	4.3	4.3	4.3	3.3	2.7	3.0	4.0	5.3	4.3	41.3	5.9	11526

USAFETAC

FORM  
 JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

13921

FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	35.9	3.3	4.3	4.0	3.6	2.6	3.0	3.3	4.6	1.9	33.5	4.8	1512
	03-05	26.7	4.4	4.8	4.4	3.7	2.9	3.4	3.8	6.0	3.6	36.5	5.5	1511
	06-08	17.2	5.6	4.1	4.3	3.4	4.0	2.9	4.1	6.2	5.7	42.6	6.3	1512
	09-11	13.5	6.0	4.8	5.0	4.6	4.0	3.8	4.6	7.5	7.5	38.8	6.4	1511
	12-14	10.2	4.6	3.8	5.9	5.0	5.2	5.3	8.0	10.0	7.6	34.5	6.6	1511
	15-17	10.4	5.9	5.5	6.0	6.8	5.3	5.4	7.7	8.4	6.5	32.0	6.7	1512
	18-20	18.0	6.3	6.7	6.3	5.9	3.4	4.3	6.2	6.3	4.4	32.1	5.6	1512
	21-23	32.9	4.8	5.6	5.4	3.4	2.5	2.9	4.5	5.0	1.9	31.0	4.7	1510
TOTALS		20.6	5.1	5.0	5.2	4.6	3.7	3.9	5.3	6.8	4.9	35.1	5.8	12091













DATA PROCESSING BRANCH  
 /USAF  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

13921

FORT LEAVENWORTH KANS/SHERMAN AAF

46-52,62-70

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	43.5	3.7	3.4	2.9	3.3	1.7	2.2	2.5	3.5	2.1	31.2	4.5	1397
	03-05	41.2	2.8	3.1	4.2	2.5	1.7	1.0	2.9	4.4	1.8	33.5	4.6	1383
	06-08	25.2	6.0	3.8	4.2	3.1	2.6	2.2	4.7	5.9	4.9	37.6	5.6	1438
	09-11	23.4	5.7	3.1	3.3	3.1	2.1	3.5	4.5	5.7	6.6	39.0	5.9	1440
	12-14	22.2	5.4	3.9	4.0	3.7	2.3	4.4	4.4	6.4	5.5	37.8	5.9	1440
	15-17	22.0	5.8	4.7	4.2	3.1	2.9	3.8	4.7	6.7	6.7	35.1	5.8	1440
	18-20	32.0	4.3	4.4	4.3	3.9	2.5	3.8	4.2	5.3	3.2	32.1	5.0	1434
	21-23	40.1	3.7	5.3	3.5	2.7	2.3	3.3	2.2	4.3	2.0	30.6	4.4	1433
TOTALS		31.2	4.7	4.0	3.8	3.2	2.3	3.1	3.8	5.3	4.1	34.6	5.2	11405

USAFETAC

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

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

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 raw count 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 ( $\Sigma X^2$ ), sums of values ( $\Sigma X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). 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

DATA PREPARED BY  
 USFWS  
 ALABAMA BUREAU OF  
 13021

### DAILY TEMPERATURES

STATION NAME: STATION NAME YEARS: 1953-1952-12

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP. (°F)	JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
110													
105													
100													
95													
90													
85													
80													
75													
70													
65													
60													
55													
50													
45													
40													
35													
30													
25													
20													
15													
10													
5													
0													
MEAN	57.2	47.4	52.0	65.5	73.5	84.7	88.6	87.2	79.8	70.0	53.4	41.1	64.3
S.D.	14.038	12.499	14.467	11.377	9.879	7.975	6.854	7.448	9.733	11.171	11.239	12.794	21.257
TOTAL OBS	794	718	775	750	703	777	804	837	770	700	780	805	9394

2

DATA PROCESSING AND CTR  
 USAF LTAC  
 AIR WEATHER SERVICE / SAC  
 13921 FORT LIALE, 18 MI S. T. PAHS/SHERPA AAF 36-53, 62-72

DAILY TEMPERATURES

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

19100

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80									.1				.1
75					.3	3.5	9.1	5.1	1.0				1.6
70				.4	2.8	16.7	35.2	25.2	5.1	.4			7.4
65			.1	1.2	9.7	45.5	63.2	53.9	17.0	2.5	.1		16.6
60			.3	3.6	25.2	72.9	83.6	80.0	37.7	8.5	.4		26.6
55			1.2	11.9	45.0	69.1	94.8	93.5	54.7	16.6	1.5	.2	34.7
50		.1	3.4	22.7	63.3	90.7	99.4	98.4	74.3	30.4	4.6	.0	41.8
45	.4	.6	7.4	39.5	80.6	99.5	99.9	99.8	87.8	48.3	12.4	1.0	48.8
40	.8	2.2	16.5	58.1	93.1	100.0	100.0	100.0	96.4	67.0	20.9	4.1	55.5
35	4.8	6.1	28.3	76.9	98.6				94.8	84.4	35.5	9.3	62.4
30	7.3	11.9	37.4	84.6	99.2				99.2	89.5	44.5	13.4	66.0
25	15.6	22.0	51.2	91.6	99.7				99.6	95.9	57.8	23.1	71.7
20	31.7	42.7	70.3	97.5	99.9				100.0	98.4	79.2	44.6	80.6
15	48.7	67.6	84.1	99.6	100.0					100.0	91.7	65.5	87.7
10	62.2	77.9	93.0	100.0							97.1	79.5	92.4
5	72.7	88.4	97.7								98.7	87.5	95.4
0	81.7	95.9	98.3								99.5	93.2	97.4
-5	91.1	98.2	99.4								100.0	96.9	98.8
-10	95.8	99.7										99.1	99.5
-15	98.4	99.7	99.9									99.8	99.8
-20	99.6	100.0	100.0									100.0	100.0
-25	99.9												100.0
-30	100.0												100.0
MEAN	17.1	21.5	29.5	42.1	52.9	67.1	66.1	64.8	55.7	44.6	31.9	22.2	42.6
S.D.	12.182	9.725	11.555	9.524	9.777	6.724	6.476	6.303	9.299	7.823	9.802	10.726	10.536
TOTAL OBS.	796	715	775	750	783	772	804	837	779	809	740	805	9394

2

DATA PROCESSING NO. OF  
 USAF (TAC)  
 AIR FORCE SERVICE / AC

### DAILY TEMPERATURES

13921 FORT LEA LEO AT LANS/SH:COA AAF 38-13, 62-12

STATION STATION NAME YEARS

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

LAS

TEMP. (°F)	JAN.	FEB	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
90							.6	.8	.7				.1
87					.1	4.4	12.9	3.2	1.2				2.7
84				.1	2.5	18.4	40.9	32.3	7.0				8.0
81				1.3	12.3	49.5	69.3	59.9	27.5	3.1			18.6
78			.4	5.2	31.4	76.0	39.7	86.0	41.8	10.4	.3		29.0
75			1.3	13.1	50.7	90.8	98.4	96.8	64.8	24.7	1.4		37.4
72		.1	6.5	30.5	69.9	97.7	99.9	99.8	84.4	42.4	5.0	.7	45.3
69	.3	1.7	13.2	47.3	85.2	99.6	100.0	100.0	92.8	64.1	12.3	1.5	52.1
66	1.8	3.4	22.8	65.7	95.9	100.0			90.1	70.8	27.5	4.2	60.5
63	5.9	11.2	36.3	83.2	99.9				90.6	91.4	42.6	10.7	65.3
60	16.5	24.9	52.0	92.9	99.9				100.0	90.1	63.1	24.2	73.7
57	30.0	42.7	69.3	99.1	100.0					99.3	61.5	12.7	80.6
54	49.9	61.3	83.9	100.0						100.0	92.8	60.2	87.5
51	53.1	77.3	93.2								90.4	16.7	92.3
48	72.9	89.4	96.9								90.3	27.7	95.4
45	80.9	95.5	98.8								90.7	43.7	97.3
42	90.2	99.0	99.7								100.0	96.6	98.7
39	95.8	99.3	99.9									99.0	99.5
36	98.2	99.9	100.0									100.0	99.8
33	100.0	100.0											100.0
30													
27													
24													
21													
18													
15													
12													
9													
6													
3													
0													
-3													
-6													
MEAN	27.3	37.2	40.9	53.9	64.3	73.0	77.3	76.1	67.8	57.7	42.8	31.8	53.7
S.D.	12.391	10.165	11.525	9.413	8.619	6.693	5.966	6.179	8.654	9.225	7.789	6.848	12.972
TOTAL OBS	794	715	775	750	783	772	804	837	770	830	780	805	9326

1210 WS FORM JUL 64 0-21 5(D of 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF/ETAC/DL A  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72 YEARS

WHOLE DEGREES FAHRENHEIT

MO. / YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
38								101	98	94	82	61	
39	70	61	84	85	96	95	108	97	107	98	75	74	108
40	42	63	86	91	89	95	102	99	95	89	74	67	102
41	59	57	73	81	92	95	102	100		85	76	67	
42	63	58	76	91	89	93	97	98	93	85	79	54	98
43	62	74	83	92	89*	94	98	98	91	84	72	62	98
44	66	72	65	77	93	97	95	99	93	84	77	47	99
45	56	66	81	81	88	91	99	98	97	84	80	60	99
46	54*	69		*	82	101	103	101	91	83	68	72	
47	65	68	77	86	87	92*	105	106	110		66	66	
48	58	72	77	88	87	96	97	100	95	80	73	67	100
49	60	59	79	87	88	95	98	97	89	88	80	67	98
50	67	64	78	90	93	97	90	89	90	89	79	65	97
51	70	73	76	86	92	90	96	98	89	88	70	67	98
52	69	64	74	85	92	102	104	96	95	88	79	60	104
53	63	64	81	88	95	102	102	103	103*	94			
62	* 49	65	82	86	92	92	95	101	91	89	70	67	101
63	61	65	82	83	90	100	99	100	96	94	76	66	100
64	70	59	71	86	92	92	102	101	91	81	80	64	102
65	67	68	65	89	86	91*	96	96	90	86	77	68	* 96
66	# 54	# 64	# 85	79	90	95	100	94*	87	84	75	62	100
67	69	71	83	88	93	87	97	92	86	87	68	61	97
68	61	57	84	81	89	95	94	94	90	# 85	# 73	65	95
69	55	52	79	79	88	96	99	96	93	89	74	58	99
70	62	75	79	93	91	96	102	100	94	83	67	67	102
71	56	67	78	87	91	100	101	# 102	# 96	# 88	# 74	# 60	# 102
72	# 60	# 82	# 86	# 91	# 88	# 96	# 97	# 96	# 93	# 84	# 68	# 65	# 97
MEAN	61.1	65.7	78.6	86.0	90.1	95.3	99.2	98.2	94.0	87.2	74.3	63.8	99.6
S D	6.922	6.738	5.709	4.397	3.019	3.988	3.906	3.534	5.632	4.287	4.611	5.485	2.937
TOTAL OBS	794	715	775	750	783	772	804	837	779	800	780	805	9394

NOTES \* (BASED ON < FULL MONTHS)  
 # (AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88 5 (OLI)



2  
 DATA PROCESSING BRANCH  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13921 STATION FURT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53, 62-72 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
38								57	28	25	6	8	
39	5	-1	3	17	36	49	57	49	33	21	18	1	-1
40	-20	0	16	21	35	48	50	52	33	34	3	8	-20
41	5	13	13	34	40	51	56	56		26	13	14	
42	-7	5	21	28	33	45	57	55	29	20	16	9	-7
43	-13	7	-7	26	40*	50	58	50	40	26	15	-10	-15
44	4	-12	15	19	30	44	50	48	45	32	12	2	-12
45	4	13	5	25	33	41	52	50	41	28	19	-13	-13
46	2*	15		*	36	45	51	47	35	31	15	-5	
47	-22	-1	2	28	35	42*	50	65	42		15	12	
48	-10	-4	-11	24	38	48	57	52	45	24	18	-12	-12
49	-11	0	7	25	43	56	58	50	34	27	20	6	-11
50	0	10	10	20	33	45	50	44	38	36	9	-3	-3
51	-1	-13	10	24	38	49	54	55	37	32	14	-4	-13
52	4	17	3	26	37	49	53	53	40	20	2	6	2
53	0	11	16	26	37	59	50	53	36*	33			
62	* -6	-5	-6	26	42	54	55	55	41	32	24	-7	-7
63	-10	6	19	34	30	55	57	53	43	30	21	-5	-10
64	-1	9	11	29	45	47	57	50	38	28	4	-2	-2
65	-4	1	10	33	43	56*	59	56	39	32	12	16	-4
66	# -10	# 5	# 13	26	35	49	62	49*	46	27	18	0	# -10
67	2	2	-6	23	33	46	50	44	32	27	19	-3	-6
68	-14	5	14	23	31	48	48	56	43	# 32	# 16	-8	-14
69	-4	-3	7	34	38	49	58	57	43	21	18	8	-4
70	-4	5	17	20	35	52	49	52	37	28	9	12	-4
71	-15	-10	13	24	29	56	49	# 48	# 37	# 31	# 15	# 13	-15
72	# -13	# 0	# 15	# 27	# 24	# 50	# 44	# 52	# 31	# 23	# 22*	# 1	# -13
MEAN	-5.4	2.9	8.4	25.7	35.7	49.3	53.5	52.1	37.9	27.9	14.3	1.7	-8.8
S D	7.991	7.982	8.660	4.634	4.854	4.569	4.366	4.452	5.011	4.534	5.865	8.484	5.569
TOTAL OBS	794	715	775	750	783	772	804	837	779	800	780	805	9394

NOTES \* (BASED ON < FULL MONTHS)  
 # (AT LEAST ONE DAY < 24 OBS)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
110/109																		.0	2	2					
108/107																		.0	3	3					
106/105												.0	.0	.0	.0	.0	.0	.0	19	15					
104/103												.0	.0	.0	.0	.0	.0	.0	28	28					
102/101												.0	.0	.0	.0	.0	.0	.0	109	109					
100/99												.0	.0	.0	.0	.0	.0	.0	253	253					
98/97											.0	.0	.1	.1	.0	.0	.0	.0	537	537					
96/95							.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	829	831					
94/93				.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1254	1256					
92/91			.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	1754	1757					
90/89	.0			.0	.0	.1	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	2571	2581	2					
88/87			.0	.0	.1	.2	.3	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	3077	3092	1					
86/85			.0	.0	.1	.3	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	3823	3834	17					
84/83		.0	.0	.1	.3	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	4297	4302	99					
82/81		.0	.1	.2	.4	.4	.4	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	4949	4957	486					
80/79	.0	.0	.2	.5	.5	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	5947	5961	1464					
78/77	.0	.1	.4	.6	.5	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	6366	6394	3185					
76/75	.0	.3	.6	.6	.4	.4	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	6985	7005	5758					
74/73	.0	.5	.8	.6	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	7330	7359	7384					
72/71	.1	.8	.7	.5	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	7937	7976	8951					
70/69	.1	1.0	.8	.5	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	8369	8409	10034					
68/67	.1	1.0	.8	.5	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	7995	8018	9601					
66/65	.1	1.0	.7	.5	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	7695	7724	9831					
64/63	.2	1.0	.7	.4	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	7082	7106	9200					
62/61	.1	1.0	.6	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	6695	6720	8071					
60/59	.1	.9	.5	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	6726	6751	8183					
58/57	.1	.9	.5	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6248	6261	7571					
56/55	.1	.8	.5	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6077	6087	7121					
54/53	.1	.7	.5	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5637	5651	6594					
52/51	.2	.8	.5	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5739	5765	6402					
50/49	.2	.7	.5	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6002	6018	6599					
48/47	.1	.7	.5	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5409	5433	6454					
46/45	.1	.8	.6	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5836	5859	6481					
44/43	.1	.8	.7	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5651	5670	6445					
Element (X)	Σ x'	Σ x	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

ALL MONTH

PAGE 2

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
42/41	.2	.8	.7	.6	.3	.1	.0										5715	5732	6497	5869
40/39	.2	.8	.9	.5	.2	.0	.0										6175	6195	6702	6291
38/37	.2	1.0	.8	.6	.1	.0											5968	6000	6810	5986
36/35	.2	1.2	.9	.5	.1	.0											6745	6771	7113	6786
34/33	.3	1.5	.9	.3	.1	.0											6905	6922	7513	7260
32/31	.3	1.5	.8	.2	.0	.0											6380	6398	8148	8765
30/29	.3	1.4	.7	.2	.0												5806	5816	7238	8724
28/27	.3	1.3	.5	.1	.0												4887	4898	6691	5909
26/25	.3	1.1	.4	.1	.0												4358	4370	5283	7534
24/23	.2	1.0	.4	.0	.0												3690	3697	4486	6899
22/21	.2	.9	.3	.0													3087	3088	3757	5712
20/19	.2	.7	.2	.0	.0												2485	2494	3261	3718
18/17	.2	.6	.2	.0													2075	2085	2466	4374
16/15	.1	.6	.1	.0													1702	1706	2078	3683
14/13	.1	.5	.1														1342	1345	1636	2843
12/11	.1	.4	.0														1218	1218	1403	2489
10/9	.1	.4	.0														1048	1049	1218	1813
8/7	.1	.3	.0														873	874	1001	1982
6/5	.1	.2															705	706	861	1717
4/3	.1	.2															523	529	627	1384
2/1	.0	.1	.0														362	363	418	1208
0/-1	.1	.1	.0														308	308	375	949
-2/-3	.0	.1															205	205	221	590
-4/-5	.0	.0															180	180	215	757
-6/-7	.0	.0															102	102	112	548
-8/-9	.0	.0															60	60	62	400
-10/-11	.0	.0															44	44	53	258
-12/-13	.0	.0															22	22	23	212
-14/-15	.0	.0															9	9	13	145
-16/-17	.0																4	4	4	146
-18/-19	.0																3	3	3	76
-20/-21	.0																4	4	4	51
-22/-23	.0																1	1	1	29
-24/-25																				21
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 27-53,62-72

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

PAGE

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		AL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	We	dulb	Dew Point
-26/-27																						17
-28/-29																						6
-30/-31																						7
-32/-33																						8
-34/-35																						1
-36/-37																						4
TOTAL	6.0	30.6	19.2	12.6	8.5	6.7	5.2	4.0	3.0	1.9	1.2	.6	.3	.1	.1	.0	.0	222922	222922			222212
																		222218	222227			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1178693729	15639031	70.418	18.734	222201							
Dry Bulb	752013596	12035504	54.021	14.414	222922	37.6	1657.9	2895.0	1946.6	1033.9	117.1	8760
Wet Bulb	600142864	10779446	48.518	18.647	222227	43.4	2065.4	1820.0	711.5	46.6		8760
Dew Point	507290900	9644216	43.419	19.982	222212	168.8	2916.2	1224.0	239.6	5.2		8760

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
70/ 69						.0	.0	.0	.0	.0	.0							8	8																
68/ 67				.0		.0	.0	.0	.0	.0	.0							16	16																
66/ 65				.0	.0	.0	.0	.0	.0	.0	.0							26	26																
64/ 63			.0	.0	.0	.0	.0	.0	.0	.0	.0							31	31																
62/ 61		.0	.1	.1	.0	.0	.0	.1	.0	.0	.0							70	70	3															
60/ 59	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0							99	99	20	6														
58/ 57		.0	.1	.0	.1	.1	.1	.0	.0	.0	.0							106	106	57	19														
56/ 55		.1	.1	.1	.1	.1	.2	.1	.0	.0	.0							132	132	56	37														
54/ 53	.0	.1	.1	.1	.2	.2	.1	.0										165	165	76	53														
52/ 51	.0	.2	.1	.1	.3	.2	.1	.0										203	205	81	53														
50/ 49	.2	.3	.2	.2	.4	.3	.1	.0										308	308	167	96														
48/ 47	.1	.3	.1	.4	.4	.2	.0											298	298	217	117														
46/ 45	.1	.3	.3	.7	.5	.2	.0											402	403	238	113														
44/ 43	.2	.3	.4	.9	.5	.1	.0											472	472	279	132														
42/ 41	.2	.5	.9	1.0	.4	.2	.0											609	611	413	165														
40/ 39	.3	.9	1.4	1.1	.5	.0												809	811	564	248														
38/ 37	.3	1.4	1.3	1.1	.2	.0												813	818	811	332														
36/ 35	.4	2.2	1.6	1.0	.1													1002	1009	934	503														
34/ 33	.6	3.3	1.8	.7	.0													1200	1205	1182	787														
32/ 31	.8	3.6	1.9	.4	.0													1239	1244	1447	1109														
30/ 29	.8	3.6	1.7	.3														1186	1188	1362	1358														
28/ 27	.9	3.3	1.5	.2	.0													1090	1093	1368	949														
26/ 25	1.0	3.5	1.2	.1														1067	1068	1130	1243														
24/ 23	.8	2.7	1.0	.0														848	849	1078	1244														
22/ 21	.6	2.9	.7	.0														802	803	860	1071														
20/ 19	.7	2.4	.6	.0	.0													706	709	831	760														
18/ 17	.7	2.6	.6															722	724	730	972														
16/ 15	.7	2.4	.3	.0														633	634	714	950														
14/ 13	.4	2.1	.3															536	538	589	748														
12/ 11	.5	2.2	.1															523	523	591	627														
10/ 9	.5	2.1	.1															506	507	542	519														
8/ 7	.3	2.0	.0															433	434	466	577														
6/ 5	.5	1.6																390	398	473	516														
4/ 3	.4	1.2																304	305	359	516														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72

JAN  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1	.3	.9	.0															235	235	260	513
0/ -1	.3	.4																193	193	245	415
-2/ -3	.3	.4																134	134	137	270
-4/ -5	.4	.3																124	124	150	415
-6/ -7	.2	.1																66	66	73	307
-8/ -9	.1	.0																25	35	40	246
-10/-11	.1	.1																34	34	39	159
-12/-13	.1																	14	14	16	135
-14/-15	.0	.0																9	9	9	89
-16/-17	.0																	4	4	4	94
-18/-19	.0																	3	3	3	49
-20/-21	.0																	4	4	4	37
-22/-23	.0																	1	1	1	20
-24/-25																					16
-26/-27																					16
-28/-29																					5
-30/-31																					5
-32/-33																					4
-36/-37																					3
TOTAL	14.4	50.8	18.7	8.8	4.1	1.9	.8	.3	.1	.0	.0							18666		18618	
																		18618		18619	
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	101134354	1340102	72.015847	18618	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total										
Dry Bulb	17541547	508496	27.214059	18666	24.8	473.2	1.0				744										
Wet Bulb	14436078	461164	24.812723	18619	28.8	540.3					744										
Dew Point	10456428	350688	18.814382	18618	91.3	637.7					744										

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB

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															
82/ 81																	.0																1	1		
80/ 79																	.0																2	2		
78/ 77																	.0																1	1		
76/ 75																	.0						.0										5	5		
74/ 73																	.0					.0											6	6		
72/ 71											.0						.0					.0				.0							11	11		
70/ 69					.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									17	17			
68/ 67				.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									19	19			
66/ 65			.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1				.0		.1									37	37			
64/ 63			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									40	40	1		
62/ 61		.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0				.0		.0									96	96	10		
60/ 59		.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0				.0		.0									102	102	12	5	
58/ 57	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0				.0		.0									154	154	30	9	
56/ 55	.0	.1	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0				.0		.0									179	179	38	7	
54/ 53	.0	.2	.1	.3	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0				.0		.0									240	240	79	24	
52/ 51	.0	.2	.2	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									285	285	126	56	
50/ 49	.1	.3	.3	.6	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									361	361	191	83	
48/ 47	.1	.3	.4	.6	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									393	394	290	104	
46/ 45	.2	.4	.5	.8	.6	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									475	477	370	132	
44/ 43	.2	.6	.9	.9	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									569	573	432	201	
42/ 41	.2	.9	1.2	1.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									669	670	524	249	
40/ 39	.4	1.4	1.4	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									808	809	729	400	
38/ 37	.3	1.6	1.7	1.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									890	892	865	452	
36/ 35	.5	2.8	2.0	1.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									1135	1135	970	665	
34/ 33	.9	3.5	2.6	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									1330	1332	1282	852	
32/ 31	.8	3.6	2.6	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									1321	1321	1418	1150	
30/ 29	.8	3.6	2.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									1208	1208	1434	1247	
28/ 27	.7	3.1	1.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									997	997	1327	858	
26/ 25	.7	3.1	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									941	941	1129	1299	
24/ 23	.6	3.1	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									869	869	1009	1248	
22/ 21	.5	2.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									704	704	859	1139	
20/ 19	.5	2.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									557	559	772	715	
18/ 17	.5	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									481	485	587	913	
16/ 15	.4	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0		.0									406	407	489	785	
Element (X)	$\Sigma X^2$	$\Sigma X$															$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.																				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHEKMAN AAF 37-53.62-72

FEB  
 MONTH

PAGE 2

ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb		Wet Bulb	Dew Point	
14/13	.3	1.5	.2															335	336	435	630	
12/11	.3	1.4	.1															292	292	333	632	
10/9	.3	1.0	.1															231	231	289	408	
8/7	.2	.9	.0															184	184	220	487	
6/5	.1	.5																101	101	158	439	
4/3	.1	.2																48	49	75	319	
2/1	.1	.2	.0															50	50	46	295	
0/-1	.1	.1																38	38	48	215	
-2/-3	.0	.1																16	16	21	142	
-4/-5	.1	.0																19	19	22	159	
-6/-7	.1	.0																14	14	15	109	
-8/-9	.0	.0																8	8	8	67	
-10/-11	.0	.0																5	5	6	45	
-12/-13	.0	.0																5	5	3	33	
-14/-15																				3	29	
-16/-17																					25	
-18/-19																					11	
-20/-21																					3	
-22/-23																					5	
-24/-25																					3	
-26/-27																					1	
-30/-31																					2	
-32/-33																					2	
-34/-35																					1	
TOTAL	10.1	42.7	23.8	11.5	5.9	3.1	1.6	.7	.3	.2	.1	.0						16655	16677	16655	16655	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
R-l. Hum.	87094877	1168277	70.1	7.577	16655	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	19435251	530947	31.8	12.321	16677	4.2	356.2	2.5	.6	.1		672
Wet Bulb	15600924	477530	28.7	10.707	16655	5.1	432.0					672
Dew Point	10863530	372578	22.4	12.323	16655	34.4	541.3					672

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 YEARS MAR 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												
86/ 85																												8	8				
84/ 83																													13	13			
82/ 81								.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32	32				
80/ 79								.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	52	52				
78/ 77								.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	66	66				
76/ 75								.0	.0	.1	.1	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	99	99				
74/ 73				.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	124	124				
72/ 71			.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	161	161				
70/ 69			.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	199	199				
68/ 67			.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	214	214	13			
66/ 65		.0	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	241	241	30	2		
64/ 63		.0	.1	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	297	297	101	9		
62/ 61	.0	.1	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	389	389	149	38		
60/ 59	.0	.1	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	424	424	261	55		
58/ 57	.0	.2	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	374	374	302	99		
56/ 55	.0	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	468	469	362	155		
54/ 53	.1	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	503	503	428	243		
52/ 51	.1	.6	.5	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	659	659	506	304		
50/ 49	.2	.6	.6	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	719	719	609	361		
48/ 47	.2	.5	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	714	714	662	385		
46/ 45	.2	.7	1.0	1.1	.7	.4	.1	.0																				778	779	695	371		
44/ 43	.2	.9	1.2	1.2	.6	.3	.0																					804	804	875	501		
42/ 41	.2	1.2	1.3	1.1	.6	.3	.0																					886	886	1012	614		
40/ 39	.2	1.3	1.8	1.3	.7	.2	.0																					986	986	1031	728		
38/ 37	.2	1.7	2.1	1.4	.4	.1																						1065	1065	1043	737		
36/ 35	.4	2.8	2.3	1.3	.3	.1																						1312	1312	1259	965		
34/ 33	.7	3.2	2.4	.8	.2																							1330	1330	1427	1166		
32/ 31	.6	2.8	1.7	.6	.1	.0																						1071	1071	1552	1508		
30/ 29	.4	2.8	1.3	.5	.0																							934	934	1330	1386		
28/ 27	.7	2.3	1.0	.3																								787	788	1150	1040		
26/ 25	.5	1.9	.9	.1	.0																							622	632	834	1418		
24/ 23	.2	1.6	.7	.1																								474	476	627	1309		
22/ 21	.2	1.5	.5	.0																								410	410	555	937		
20/ 19	.3	1.3	.3																									340	342	456	650		
Element (X)	$\Sigma x^2$	$\Sigma x$		$\bar{x}$	$\sigma_x$	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) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 34

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-45,47-53,62-72 YEARS

MAR 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	
18/ 17	.2	.9	.1															226	228	338	675	
16/ 15	.1	.8	.0															165	166	227	573	
14/ 13	.1	.5	.0															113	113	158	512	
12/ 11	.0	.4	.0															75	75	93	410	
10/ 9	.0	.2	.0															39	39	71	301	
8/ 7	.1	.1																23	23	32	256	
6/ 5	.1	.1																25	25	27	218	
4/ 3	.1	.0																33	33	33	132	
2/ 1	.0	.0																10	11	13	83	
0/ -1	.0	.0																9	9	11	58	
-2/ -3	.0	.0																6	6	4	25	
-4/ -5	.0	.0																8	8	9	23	
-6/ -7	.0	.0																10	10	11	15	
-8/ -9		.0																3	3	2	8	
-10/-11	.0	.0																3	3	4	12	
-12/-13																				1	8	
-14/-15																					6	
-16/-17																					1	
-18/-19																					4	
-20/-21																					1	
-22/-23																					1	
-24/-25																					1	
-28/-29																					1	
TOTAL	6.3	31.7	22.1	14.0	8.7	6.5	4.2	2.7	1.5	1.0	.6	.3	.2	.1	.0			18324	18324	18305	18305	
																		18303		18304		
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	88838028	1224828	66.9	19.379	18303	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	33996298	744454	40.6	14.308	18324	1.6	219.5	39.3	16.0	3.2		744										
Wet Bulb	25968704	656590	35.9	11.489	18304	1.7	306.4	.6				744										
Dew Point	18272552	533992	29.2	12.134	18305	6.7	476.3					744										

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

YEARS

APR  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
94/ 93															.0	.0						2		2			
92/ 91															.0	.0							8		8		
90/ 89										.0					.0	.0							18		18		
88/ 87										.0					.0	.0							31		31		
86/ 85						.0		.0		.0					.1	.0							65		65		
84/ 83						.0		.0		.0		.1			.1	.0							77		77		
82/ 81					.0	.0		.0		.1	.1	.1			.1	.1							164		164		
80/ 79			.0		.0	.0		.0		.1	.2	.2			.1	.1							195		195		
78/ 77					.0	.1		.2		.2	.2	.2			.1	.1							259		259		5
76/ 75					.1	.1		.3		.3	.3	.2			.1	.1							329		333		2
74/ 73				.0	.1	.2		.3		.3	.3	.3			.1	.1			.0		.0		354		354		13
72/ 71				.0	.2	.3		.4		.4	.4	.4			.1	.1			.0		.0		519		520		3
70/ 69		.0		.2	.3	.4		.5		.5	.5	.4			.2	.2			.0		.0		629		630		106
68/ 67		.0	.3	.5	.6	.6		.7		.7	.7	.6			.1	.1			.0		.0		685		686		182
66/ 65	.0	.1	.6	.6	.6	.6		.7		.7	.7	.6			.1	.1			.0		.0		695		695		365
64/ 63	.1	.3	.7	.6	.5	.5		.6		.6	.6	.5			.0	.0			.0		.0		762		763		520
62/ 61	.0	.5	.7	.6	.6	.6		.7		.7	.7	.6			.1	.1			.0		.0		853		853		648
60/ 59	.1	1.0	.7	.7	.7	.7		.8		.8	.9	.6			.2	.1			.0		.0		1038		1038		866
58/ 57	.1	1.2	.7	.8	.8	.8		.9		.9	.7	.3			.1	.0			.0		.0		1021		1024		1007
56/ 55	.1	1.3	1.1	.9	.9	.9		.9		.9	.5	.2			.0	.0			.0		.0		1077		1078		1015
54/ 53	.2	1.3	1.0	1.2	.9	.7		.7		.7	.3	.1			.0	.0			.0		.0		1038		1045		1151
52/ 51	.2	1.3	1.1	1.1	.9	.5		.3		.3	.1	.0			.0	.0			.0		.0		993		993		1200
50/ 49	.2	1.4	1.3	1.3	.8	.4		.1		.0	.0	.0			.0	.0			.0		.0		1009		1010		1330
48/ 47	.1	1.4	1.2	1.1	.7	.3		.2		.0	.0	.0			.0	.0			.0		.0		934		935		1377
46/ 45	.2	1.6	1.4	1.3	.5	.3		.1		.0	.0	.0			.0	.0			.0		.0		975		976		1354
44/ 43	.2	1.9	1.7	1.0	.4	.1		.1		.0	.0	.0			.0	.0			.0		.0		959		964		1248
42/ 41	.2	1.9	1.3	.8	.3	.1		.0		.0	.0	.0			.0	.0			.0		.0		829		831		1181
40/ 39	.2	1.3	1.6	.6	.2	.1		.0		.0	.0	.0			.0	.0			.0		.0		737		738		1157
38/ 37	.3	1.2	1.0	.6	.1	.0		.0		.0	.0	.0			.0	.0			.0		.0		578		578		917
36/ 35	.1	1.3	.8	.4	.1	.0		.0		.0	.0	.0			.0	.0			.0		.0		494		494		777
34/ 33	.1	.7	.7	.3	.0	.0		.0		.0	.0	.0			.0	.0			.0		.0		333		333		579
32/ 31	.1	.6	.3	.2	.0	.0		.0		.0	.0	.0			.0	.0			.0		.0		210		210		411
30/ 29	.1	.5	.3	.0	.0	.0		.0		.0	.0	.0			.0	.0			.0		.0		173		173		342
28/ 27	.0	.3	.0	.0	.0	.0		.0		.0	.0	.0			.0	.0			.0		.0		75		75		215
Element (X)	Σ x'		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.	Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total														
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR  
 MONTH

YEARS

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
26/ 23	.0	.2	.1	.0														65	65	122	508
24/ 23	.0	.1	.0	.0														22	22	49	438
22/ 21		.1	.0															14	14	20	315
20/ 19		.0																9	9	21	154
18/ 17		.0																1	1	9	159
16/ 15																					116
14/ 13																					86
12/ 11																					33
10/ 9																					9
8/ 7																					8
6/ 5																					5
4/ 3																					5
TOTAL	2.8	21.5	18.8	15.5	10.8	9.2	7.3	5.4	3.6	2.3	1.4	.8	.5	.2	.1		18229	18259	18228	18228	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	84456902	1182440	64.9	20.629	18229							
Dry Bulb	56606197	989991	54.2	12.667	18259		22.4	131.8	59.4	18.1	.1	720
Wet Bulb	43052662	867392	47.6	9.880	18224		47.0	13.7	.9			720
Dew Point	32954405	747757	41.0	11.183	18228		163.8	2.4	.2			720

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
96/95																		3	3		
94/93																		14	14		
92/91																		53	53		
90/89																		111	111		
88/87																		212	212		
86/85																		373	373		
84/83																		466	466		
82/81																		562	563		
80/79																		691	691	12	2
78/77																		771	771	46	8
76/75																		880	880	165	15
74/73																		929	929	315	67
72/71																		1003	1003	555	175
70/69																		1097	1097	935	401
68/67																		1184	1184	1175	569
66/65																		1251	1251	1437	792
64/63																		1151	1151	1472	1156
62/61																		1147	1147	1505	1367
60/59																		1143	1143	1604	1468
58/57																		1095	1097	1498	1469
56/55																		1012	1013	1608	1372
54/53																		882	884	1431	1364
52/51																		747	749	1263	1328
50/49																		659	660	1039	1266
48/47																		458	461	821	1157
46/45																		377	379	682	1052
44/43																		328	330	552	853
42/41																		210	215	433	822
40/39																		138	142	252	710
38/37																		75	76	125	512
36/35																		40	42	87	458
34/33																		23	25	52	269
32/31																		11	12	22	195
30/29																		6	6	14	100
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 7-64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	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
28 / 27																				5	62
26 / 25																					45
24 / 23																					25
22 / 21																					17
20 / 19																					4
18 / 17																					3
<b>TOTAL</b>	<b>4.3</b>	<b>21.1</b>	<b>16.8</b>	<b>13.6</b>	<b>10.8</b>	<b>9.0</b>	<b>7.3</b>	<b>6.0</b>	<b>4.7</b>	<b>3.0</b>	<b>1.9</b>	<b>.9</b>	<b>.4</b>	<b>.2</b>	<b>.1</b>	<b>.0</b>		<b>19133</b>		<b>19103</b>	
																	<b>19102</b>		<b>19103</b>		

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	98427840	1317206	69.0	19.950	19103							
Dry Bulb	82231529	1234403	64.5	11.639	19133		.7	324.7	197.0	83.8	.7	744
Wet Bulb	64906339	1100881	57.6	8.753	19103		1.6	124.7	21.0	.1		744
Dew Point	54826793	1006787	52.7	9.804	19103		17.6	48.2	3.6			744

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

YEARS

JUN  
 MONTH

PAGE 1

ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb
106/105																.0	2	2	
104/103																.0	5	5	
102/101																.0	15	15	
100/ 99																.0	40	40	
98/ 97																.0	54	54	
96/ 95																.0	131	131	
94/ 93																.0	206	206	
92/ 91																.0	318	318	
90/ 89																.0	527	527	
88/ 87																.0	697	697	
86/ 85																.0	814	814	2
84/ 83																.0	894	894	18
82/ 81																.0	1046	1046	86
80/ 79																.0	1199	1199	282
78/ 77																.0	1285	1285	644
76/ 75																.0	1333	1333	1216
74/ 73																.0	1251	1252	1661
72/ 71																.0	1276	1278	2005
70/ 69																.0	1432	1438	2252
68/ 67																.0	1443	1443	2108
66/ 65																.0	1243	1244	2032
64/ 63																.0	958	960	1774
62/ 61																.0	707	708	1221
60/ 59																.0	628	629	1074
58/ 57																.0	371	372	786
56/ 55																.0	258	258	514
54/ 53																.0	147	147	339
52/ 51																.0	126	126	225
50/ 49																.0	90	91	166
48/ 47																.0	43	43	93
46/ 45																.0	20	20	48
44/ 43																.0	8	8	15
42/ 41																.0			58
40/ 39																.0			27
Element (X)	Σ x <sup>2</sup>	Σ x	Σ	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS

JUN 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
38/ 37																					10
36/ 35																					2
TOTAL	3.0	21.9	17.3	13.8	11.0	9.3	8.0	6.0	4.5	2.7	1.6	.6	.3	.1	.0	.0	18567	18583	18566		
																	18567	18567			

Element (X)	$\sum X'$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	103905206	1351894	72.8	17.159	18566			541.5	380.4	209.7	17.6	720
Dry Bulb	102519263	1367975	73.6	9.888	18583			398.4	151.6	7.9		720
Wet Bulb	83802347	1241075	66.8	6.747	18567			270.1	46.3	.9		720
Dew Point	75475085	1176505	63.4	7.045	18566							720

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

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	Dew Point				
108/107																		.0	2	2				
106/105																		.0	6	6				
104/103																		.0	16	16				
102/101																		.0	50	50				
100/99																		.0	109	109				
98/97																		.0	240	240				
96/95																		.0	322	324				
94/93																		.0	491	491				
92/91																		.0	651	652				
90/89																		.0	867	868	1			
88/87																		.0	970	970	1			
86/85																		.0	1126	1126	6			
84/83																		.0	1168	1168	52			
82/81																		.0	1266	1267	240			
80/79																		.0	1469	1469	660			
78/77																		.0	1510	1512	1312			
76/75																		.0	1500	1503	2165			
74/73																		.0	1581	1584	2565			
72/71																		.0	1479	1481	2750			
70/69																		.0	1218	1218	2511			
68/67																		.0	986	988	1996			
66/65																		.0	762	765	1633			
64/63																		.0	568	570	1231			
62/61																		.0	389	390	880			
60/59																		.0	293	296	612			
58/57																		.0	184	184	405			
56/55																		.0	92	92	207			
54/53																		.0	68	68	109			
52/51																		.0	31	32	62			
50/49																		.0	14	15	30			
48/47																		.0	1	1	2			
46/45																		.0						
44/43																		.0	1	1	1			
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

AUG  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point	
106/105														.0	.0			3	3			
104/103														.0	.0			2	2			
102/101														.0	.1	.0	.0	29	29			
100/99														.0	.1	.0	.0	88	88			
98/97									.0	.0				.1	.1	.0	.0	193	193			
96/95								.0	.0	.1	.2	.4	.4	.2	.1	.1	.0	291	291			
94/93				.0		.0	.1	.2	.4	.5	.7	.6	.4	.1	.1	.0		396	396			
92/91					.0	.2	.4	.5	.7	.6	.2	.1	.1	.1	.0			525	525			
90/89	.0			.0	.1	.5	.6	.9	.7	.4	.2	.1	.1	.0	.0			702	702	1		
88/87			.0	.0	.2	.6	1.0	.7	.5	.4	.3	.1	.1	.0				732	732	1		
86/85			.0	.2	.4	1.1	1.1	.7	.5	.3	.3	.1	.0					915	915	7		
84/83		.0	.2	.3	.9	1.2	.9	.7	.5	.4	.1	.0						1003	1003	28		
82/81		.0	.2	.8	1.2	1.1	.9	.5	.5	.2	.0							1079	1080	156		
80/79	.0	.2	.8	1.4	1.3	.9	.7	.5	.4	.1	.0	.0						1213	1213	460		
78/77		.4	1.5	1.8	1.1	.6	.6	.3	.2	.0	.0	.0						1227	1229	988		
76/75	.0	1.0	2.1	1.7	1.1	.7	.4	.3	.1	.0	.0							1412	1413	1719		
74/73	.1	1.9	2.3	1.4	.8	.5	.2	.1	.1	.0								1434	1434	2016		
72/71	.3	3.4	2.1	1.2	.7	.3	.1	.1	.1	.0								1570	1576	2339		
70/69	.5	3.6	2.1	1.1	.5	.2	.1	.1	.0									1590	1594	2515		
68/67	.5	3.0	1.7	.8	.3	.1	.0	.0										1253	1253	2168		
66/65	.4	2.8	1.4	.6	.2	.1	.0	.0										1054	1054	1993		
64/63	.4	2.1	1.0	.3	.1	.0	.0	.0	.0									754	754	1543		
62/61	.2	1.9	.6	.3	.0	.0	.0											579	579	1091		
60/59	.3	1.4	.3	.2	.0	.0	.0											425	425	818		
58/57	.2	.8	.2	.1	.0	.0	.0											247	247	516		
56/55	.2	.4	.1	.0	.0	.0	.0											151	151	328		
54/53	.1	.2	.1	.0	.0	.0	.0											89	89	166		
52/51	.1	.2	.1	.0	.0	.0	.0											77	77	110		
50/49	.1	.1	.1	.0	.0	.0	.0											39	39	58		
48/47	.0	.0	.0															13	13	37		
46/45		.0																4	4	23		
44/43	.0	.0																3	3	6		
42/41																				2		
40/39																				36		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 FC2M 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG  
 MONTH

PAGE 2

ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
30/ 37																						6
36/ 35																						2
34/ 33																						1
30/ 29																						1
TOTAL	3.62	23.51	6.91	2.2	9.1	8.2	7.4	5.7	5.1	3.6	2.5	1.2	.6	.4	.1	.0	.0	19106	19097	19096		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	207628155	1389239	72.8	18.501	19091							
Dry Bulb	111130654	1444900	75.0	9.916	19106			610.2	438.0	256.9	39.0	744
Wet Bulb	90449509	1308839	68.5	6.252	19097			483.3	209.8	15.5		744
Dew Point	81687963	1242699	65.1	5.543	19096			.0	354.0	77.1	1.7	744

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

YEARS

SEP  
 MONTH

PAGE 1

ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL HOURS (L. S. T.)						
	0	1-2	3-4	5-6	7-8	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																			
110/107																															.0	2	2						
108/107																																	1	1					
106/105																																		4	4				
104/103																																		5	5				
102/101																																			15	15			
100/99																																			16	16			
98/97																																			49	49			
96/95																																				81	81		
94/93																																							
92/91																																							
90/89																																							
88/87																																							
86/85																																							
84/83																																							
82/81																																							
80/79																																							
78/77																																							
76/75																																							
74/73																																							
72/71																																							
70/69																																							
68/67																																							
66/65																																							
64/63																																							
62/61																																							
60/59																																							
58/57																																							
56/55																																							
54/53																																							
52/51																																							
50/49																																							
48/47																																							
46/45																																							
44/43																																							
Element (X)	Σx'		Σx		X		x <sub>a</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total																						
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
42/ 41	.1	.3	.1	.0														98	98	202	440
40/ 39	.1	.2	.1	.0														81	81	101	332
38/ 37	.1	.1	.0															45	45	83	230
36/ 35	.0	.1	.0															29	29	41	121
34/ 33	.0	.0																11	11	23	105
32/ 31	.0	.0																8	8	10	68
30/ 29	.0	.0																7	7	10	44
28/ 27																					7
26/ 25																					12
24/ 23																					3
22/ 21																					1
20/ 19																					1
TOTAL	5.1	28.4	17.1	11.4	8.1	7.0	6.3	5.5	4.4	2.7	1.8	1.0	.6	.3	.1	.1	.1	18474	18646	18474	18473

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	105255981	1345327	72.8	19.846	18472							
Dry Bulb	86893768	1252594	67.2	12.006	18646		.6	373.7	234.1	112.7	11.7	720
Wet Bulb	69562987	1121865	60.7	8.816	18474		.8	208.2	55.9	.7		720
Dew Point	61068219	1048013	56.7	9.342	18473		5.3	122.0	9.9	.1		720

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

OCT

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
98/ 97																.0		1	1		
96/ 95																.0		1	1		
94/ 92														.0	.0	.0	.0	17	17		
92/ 91											.0	.0	.0	.0	.0	.0	.0	20	20		
90/ 89								.0	.0	.0	.1	.0	.0	.0	.0	.0		42	42		
88/ 87						.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.0		107	107		
86/ 85						.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0		154	154		
84/ 83					.0	.1	.1	.1	.3	.2	.2	.1	.0	.0	.0	.0		217	217		
82/ 81				.0	.1	.1	.1	.2	.2	.2	.2	.1	.1	.0	.0			259	260		
80/ 79				.0	.1	.2	.2	.4	.3	.3	.2	.1	.0	.0				352	358		
78/ 77			.0	.1	.2	.3	.3	.3	.3	.2	.1	.0						389	397	2	
76/ 75		.0	.1	.2	.3	.3	.3	.3	.3	.2	.1	.0						477	484	26	
74/ 73		.1	.2	.3	.4	.4	.4	.3	.3	.3	.2	.0	.0					564	575	78	14
72/ 71	.0	.1	.3	.4	.5	.5	.4	.3	.4	.2	.2	.0						643	658	171	41
70/ 69	.0	.3	.5	.5	.5	.4	.4	.4	.4	.2	.1	.0						739	752	336	119
68/ 67	.0	.3	.7	.6	.6	.5	.5	.4	.3	.2	.1	.0						779	785	515	189
66/ 65	.1	.7	.7	.6	.6	.5	.5	.4	.3	.1	.0	.0						872	878	746	323
64/ 63	.1	.9	.9	.8	.6	.6	.4	.4	.2	.1	.0	.0						937	945	819	416
62/ 61	.1	1.1	.8	.7	.6	.6	.5	.4	.1	.1	.0							939	950	935	658
60/ 59	.2	1.2	.9	.8	.6	.6	.4	.4	.1	.0								982	992	1109	761
58/ 57	.2	1.4	1.1	.9	.7	.6	.5	.2	.1	.0								1090	1098	1210	796
56/ 55	.2	1.7	1.1	.9	.7	.5	.5	.1	.0									1066	1069	1249	992
54/ 53	.2	1.5	1.2	1.0	.8	.6	.2	.0										992	999	1283	1042
52/ 51	.2	2.1	1.3	.9	.5	.5	.1	.0										1047	1057	1224	1034
50/ 49	.2	1.9	1.4	.9	.6	.4	.1	.0										1038	1047	1318	1085
48/ 47	.2	1.8	1.3	.8	.5	.2	.0											911	922	1272	1180
46/ 45	.2	2.2	1.2	.8	.3	.0	.0											903	909	1247	1201
44/ 43	.3	1.7	1.1	.2	.2	.0	.0											720	724	1189	1283
42/ 41	.3	1.7	.8	.5	.1	.0	.0											630	532	999	1231
40/ 39	.5	1.4	.9	.3	.1	.0	.0											592	598	897	1230
38/ 37	.2	1.1	.4	.2	.0													378	384	642	999
36/ 35	.1	1.0	.4	.0	.0													306	314	499	873
34/ 33	.2	.7	.2	.0	.0													220	221	356	778
32/ 31	.1	.3	.1	.0														153	157	278	800
Element (X)	Σ x <sup>1</sup>	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29	.1	.3	.0															89	91	158	575
28/ 27	.1	.2	.0															59	62	100	331
26/ 25	.0	.1	.0															38	38	42	313
24/ 23	.0	.1																21	21	35	163
22/ 21	.0	.0																11	11	17	140
20/ 19	.0																	1	1	7	73
18/ 17																					47
16/ 15																					34
14/ 13																					20
12/ 11																					8
10/ 9																					1
8/ 7																					2
TOTAL	3.8	26.4	17.9	13.0	9.3	8.4	6.0	4.9	3.9	2.7	2.0	.8	.4	.2	.1	.1	.0	18942	18942	18752	18752
																		18756	18757		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	95840386	1281710	68.42	0.951	18751							
Dry Bulb	65623005	1086947	57.41	3.101	18942		15.0	189.6	103.4	38.9	.7	744
Wet Bulb	50684391	956395	51.01	0.118	18757		25.3	44.7	4.2			744
Dew Point	41008758	851996	45.41	1.071	18752		99.5	14.4	.6			744

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

YEARS

NOV  
 MONTH

PAGE 1

ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
82/ 81									.0											3	3			
80/ 79						.0		.0												16	16			
78/ 77					.0			.0												22	22			
76/ 75					.0		.0	.1	.1											50	50			
74/ 73					.0	.0	.1	.2	.1	.1										83	83			
72/ 71					.0	.1	.1	.1	.1	.1							.0			114	114	3	1	
70/ 69				.0	.2	.2	.2	.1	.1	.1	.1					.0	.0		203	203	1			
68/ 67				.0	.2	.3	.2	.2	.2	.2	.1	.1				.0			213	214	6	2		
66/ 65		.0	.0	.2	.3	.2	.2	.2	.2	.2	.1	.1				.0			255	259	56	3		
64/ 63	.0	.1	.3	.2	.2	.2	.2	.2	.2	.1	.1					.0			274	275	113	13		
62/ 61	.0	.2	.3	.3	.2	.3	.4	.2	.1	.0	.0					.0			374	378	234	54		
60/ 59	.0	.3	.2	.3	.3	.5	.4	.3	.1	.0									437	442	256	114		
58/ 57	.1	.5	.3	.4	.3	.6	.5	.3	.0										562	563	321	724		
56/ 55	.1	.5	.6	.4	.6	.6	.5	.1	.0										615	619	350	309		
54/ 53	.1	.7	.5	.5	.6	.7	.4	.0	.0										647	649	412	287		
52/ 51	.1	.8	.6	.7	.8	.6	.2	.0											705	716	547	344		
50/ 49	.3	1.1	.8	1.2	.8	.6	.2	.0	.0										923	925	721	405		
48/ 47	.3	1.0	.9	1.0	.8	.6	.1	.0											836	843	856	480		
46/ 45	.3	1.4	1.4	1.3	1.0	.3	.0												1044	1053	997	532		
44/ 43	.2	1.6	1.6	1.6	.7	.1	.0												1040	1040	1072	545		
42/ 41	.2	1.9	1.9	1.4	.6	.1	.0												1079	1079	1109	734		
40/ 39	.3	2.1	2.3	1.2	.4	.0													1143	1143	1238	962		
38/ 37	.3	2.6	2.3	1.1	.2	.0													1186	1188	1436	989		
36/ 35	.2	3.0	2.4	.8	.1														1186	1186	1404	1196		
34/ 33	.3	3.1	1.8	.4	.1	.0													1035	1041	1298	1289		
32/ 31	.4	2.8	1.5	.4	.1														938	944	1322	1555		
30/ 29	.6	2.5	1.2	.3	.0														823	824	1061	1626		
28/ 27	.5	2.4	.6	.2															673	675	968	1070		
26/ 25	.5	1.5	.6	.1															476	476	725	1212		
24/ 23	.3	1.2	.5	.0															349	349	461	1060		
22/ 21	.2	1.0	.2	.0															268	268	384	789		
20/ 19	.2	.7	.2	.0															206	207	287	489		
18/ 17	.1	.3	.2																118	119	155	503		
16/ 15	.1	.3	.1																87	88	122	359		
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52.62-72

NOV  
 MONTH

YEARS

PAGE 2

ALL  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
14/ 13	.1	.1	.0																45	45	81	215															
12/ 11	.0	.2																	32	32	41	201															
10/ 9	.0	.2	.0																39	39	35	125															
8/ 7	.0	.1																	19	19	33	122															
6/ 5	.0	.1																	16	16	21	104															
4/ 3	.0	.0																	7	7	15	62															
2/ 1																						59															
0/ -1																						44															
-2/ -3																						27															
-4/ -5																						15															
-6/ -7																						5															
-8/ -9																						3															
-12/-13																						2															
-14/-15																						1															
TOTAL	5.8	34.0	23.5	14.6	8.9	6.0	3.8	2.1	.9	.3	.1	.0							18141	18212	18141	18141															
																			18141																		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	95803684	1277666	70.4	17.895	18139							720
Dry Bulb	35512459	770483	42.3	12.654	18212		162.4	27.9	6.9	.4		720
Wet Bulb	28277874	689604	38.0	10.666	18141		226.7	.4				720
Dew Point	21448380	587542	32.4	11.549	18141	3.8	383.3	.1				720

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52.62-72

DEC  
 MONTH

PAGE 1

ALL  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
74/ 73											.0	.0																				2	2		
72/ 71								.0			.0																					2	2		
70/ 69						.0		.0			.0				.0																5	5			
68/ 67		.0			.0	.0		.0			.0	.0			.0																20	20			
66/ 65			.0	.0	.0	.1		.0			.0	.0			.0															53	53	2	1		
64/ 63		.0	.1	.1	.1	.1	.0	.0			.1	.1			.0															86	86		1		
62/ 61		.1	.2	.2	.2	.1	.0	.1	.1		.1	.1			.0														137	137	16	4			
60/ 59		.1	.1	.1	.1	.0	.1	.1	.1		.1	.1			.0														149	149	53	16			
58/ 57	.0	.2	.1	.1	.1	.1	.1	.2	.1		.0																		203	203	116	42			
56/ 55	.0	.2	.1	.1	.2	.2	.2	.1	.0																				232	232	108	103			
54/ 53	.0	.2	.2	.1	.2	.3	.2	.0																					234	234	108	93			
52/ 51	.0	.2	.2	.2	.3	.4	.1																						285	285	127	86			
50/ 49	.1	.3	.2	.3	.6	.3	.1																						374	375	230	105			
48/ 47	.1	.4	.3	.5	.7	.2	.1																						421	422	288	162			
46/ 45	.1	.6	.4	.9	.6	.2	.1																						550	551	359	132			
44/ 43	.1	.7	.6	.9	.4	.1	.0																						561	565	456	208			
42/ 41	.3	.7	1.0	1.0	.6	.1	.0																						705	710	616	303			
40/ 39	.2	1.2	1.7	1.1	.4	.1	.0																						881	887	733	327			
38/ 37	.4	1.8	1.4	1.2	.2	.1																							938	954	888	442			
36/ 35	.6	2.7	2.0	1.0	.2																								1241	1250	1142	705			
34/ 33	.6	4.1	2.0	.6	.1	.0																							1423	1424	1314	983			
32/ 31	.6	4.1	2.3	.5	.1																								1429	1431	1688	1400			
30/ 29	.8	4.1	1.9	.3	.0																								1380	1385	1527	1542			
28/ 27	1.0	3.8	1.4	.2																									1206	1208	1558	1095			
26/ 25	1.0	3.7	1.2	.2																									1149	1150	1301	1484			
24/ 23	1.0	3.7	1.1	.0																									1107	1111	1227	1409			
22/ 21	.7	3.0	.9	.0																									878	878	1062	1303			
20/ 19	.7	2.3	.6	.0																									666	667	887	872			
18/ 17	.5	2.0	.4																										527	528	647	1102			
16/ 15	.2	1.6	.2																										411	411	526	866			
14/ 13	.2	1.3	.1																										313	313	373	632			
12/ 11	.2	1.3	.0																										296	296	345	578			
10/ 9	.3	1.0	.0																										233	233	281	450			
8/ 7	.4	.7	.0																										214	214	250	530			
Element (X)	Σx²		Σx		Σ		Σ²		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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

DEC  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
6/ 5	.3	.6																		165	166	182	435
4/ 3	.2	.5																		131	135	145	350
2/ 1	.1	.2																		67	67	99	258
0/ -1	.2	.2																		68	68	71	217
-2/ -3	.1	.1																		49	49	59	126
-4/ -5	.1	.0																		29	29	34	145
-6/ -7	.0	.0																		12	12	13	112
-8/ -9	.1	.0																		14	14	12	76
-10/-11	.0	.0																		2	2	4	42
-12/-13	.0	.0																		3	3	3	34
-14/-15																						1	20
-16/-17																							26
-18/-19																							12
-20/-21																							10
-22/-23																							3
-24/-25																							1
-32/-33																							2
-36/-37																							1
TOTAL	11.4	47.9	21.1	10.1	5.1	2.3	1.3	.6	.2	.1	.0	.0								1885	18916	18846	18846
Element (X)	Σx <sup>2</sup>	Σx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	106214432	1381416	73.3	16.2	18846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744											
Dry Bulb	21736023	595179	31.5	12.6	18916	7.0	407.9	1.1	.1			744											
Wet Bulb	17834475	540285	28.7	11.1	18851	7.8	485.3					744											
Dew Point	13070548	438044	23.2	12.3	18846	32.6	597.4					744											

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JAN  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.0															1	1		
62/ 61		.0	.2															6	6		
60/ 59		.2	.2															8	8	3	
58/ 57		.0	.0	.1			.0											5	5	9	6
56/ 55		.1	.1	.0		.0		.0										8	8	4	5
54/ 53		.0	.1	.1	.0	.0	.0											9	9	6	5
52/ 51	.0	.2	.2	.0														11	13	6	3
50/ 49		.3	.0															8	8	11	11
48/ 47	.0	.4	.0	.1		.1												17	17	17	13
46/ 45	.2	.2	.1	.3	.1	.0												21	22	11	11
44/ 43	.1	.3	.1	.3	.3	.0												26	26	12	8
42/ 41	.4	.4	.8	.6	.3													56	56	21	20
40/ 39	.4	.9	1.0	.7	.2													71	71	33	19
38/ 37	.4	1.6	1.2	.7														87	87	77	29
36/ 35	.9	2.2	1.9	.4	.0													100	101	83	45
34/ 33	.9	4.5	1.3	.7														163	163	135	75
32/ 31	.9	4.6	1.9	.2														159	159	175	122
30/ 29	.9	5.2	1.9	.2														173	173	165	154
28/ 27	1.3	4.0	1.0															139	139	191	120
26/ 25	1.5	3.8	.6															132	132	157	158
24/ 23	1.3	3.2	.6															114	114	143	143
22/ 21	1.1	4.0	.4															121	121	96	153
20/ 19	.8	3.5	.3															100	100	110	82
18/ 17	1.2	3.2	.1															100	101	117	118
16/ 15	1.1	2.4	.0															78	78	88	113
14/ 13	.4	2.4	.1															67	67	65	101
12/ 11	.6	2.4																67	67	79	76
10/ 9	.6	2.1																59	59	63	71
8/ 7	.3	2.2																57	57	54	66
6/ 5	.9	1.5																53	53	66	61
4/ 3	.5	2.1																58	58	56	54
2/ 1	.7	1.3	.1															46	46	49	66
0/ -1	.6	.5																26	26	36	52
-2/ -3	.4	.7																24	24	23	39
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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																					

2  
 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JAN  
 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
-4/-5	.5	.4																20	20	27	62
-6/-7	.5	.2																16	16	16	35
-8/-9	.2	.0																6	6	7	34
-10/-11	.0	.1																4	4	4	18
-12/-13	.2																	4	4	5	22
-14/-15	.1																	2	2	2	12
-16/-17	.0																	1	1	1	15
-18/-19	.0																	1	1	1	13
-20/-21																					5
-22/-23																					4
-24/-25																					2
-26/-27																					2
TOTAL	19.7	61.2	13.1	4.5	1.1	.3	.1											2224	2229	2224	2223

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13527997	170867	76.9	13.326	2223							
Dry Bulb	1690813	53845	24.2	13.232	2229	4.3	67.9					93
Wet Bulb	1474523	50025	22.5	12.535	2224	5.1	75.1					93
Dew Point	1154420	39312	17.7	14.454	2223	13.2	82.5					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JAN  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
62/ 61		.1	.2	.0													8	8		
60/ 59		.1	.2				.0										10	10	2	2
58/ 57			.1	.1													4	4	9	2
56/ 55			.1														2	2	7	7
54/ 53		.1	.1	.1													7	7	4	5
52/ 51		.3	.1														9	9	6	5
50/ 49	.1	.4		.0													13	13	14	12
48/ 47	.1	.1	.0	.1	.0												10	10	14	16
46/ 45	.1	.2	.2	.2	.0												17	17	5	8
44/ 43	.4	.2	.3	.3	.3												31	31	14	12
42/ 41	.3	.2	.4	.4	.1												31	33	22	8
40/ 39	.5	.7	1.2	.5	.0												66	67	30	17
38/ 37	.3	1.6	1.2	.4	.2												83	83	55	31
36/ 35	.7	2.5	1.1	.5	.1												109	109	89	34
34/ 33	.9	3.3	1.0	.3													124	124	124	80
32/ 31	1.2	3.9	1.9														157	157	148	115
30/ 29	1.3	3.7	1.8														154	154	173	164
28/ 27	1.2	4.0	1.2														142	142	156	77
26/ 25	2.0	4.8	.7														167	167	165	141
24/ 23	1.3	3.2	.5														111	111	154	155
22/ 21	1.6	3.5	.1	.0													119	119	117	139
20/ 19	1.7	2.4	.3	.0													97	97	122	106
18/ 17	1.0	3.3	.1														99	100	87	133
16/ 15	.7	3.1															86	86	89	121
14/ 13	.8	2.8	.1														81	82	88	84
12/ 11	.6	2.3															64	64	77	74
10/ 9	1.0	2.5															77	77	75	53
8/ 7	.8	2.1	.0														65	65	65	80
6/ 5	.7	1.6															51	51	69	81
4/ 3	1.0	1.3															53	53	54	68
2/ 1	1.0	1.3															50	50	47	58
0/ -1	1.0	.7															37	37	44	61
-2/ -3	.4	.8															27	27	26	42
-4/ -5	.5	.8															29	29	29	61
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 19-53,62-71

JAN

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb		Dew Point		
-6/-7	.4	.2																		14	14	22	39
-8/-9	.2	.1																		7	7	6	33
-10/-11	.1	.0																		4	4	7	20
-12/-13	.2																			4	4	4	15
-14/-15	.0																			1	1	1	16
-16/-17	.1																			2	2	2	19
-18/-19	.1																			2	2	2	7
-20/-21	.1																			2	2	2	7
-22/-23																							8
-24/-25																							2
-26/-27																							5
-28/-29																							2
-30/-31																							1
TOTAL	24.5	58.2	13.2	3.2	.8	.0														2226	2231	2226	2226

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	13854450	173222	77.8	12.978	2226							
Dry Bulb	1586327	51523	23.1	13.333	2231	5.4	71.0					93
Wet Bulb	1402745	48163	21.6	12.732	2226	6.1	76.9					93
Dew Point	1124214	37788	17.0	14.730	2226	14.1	83.0					93

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



2  
1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 30-53,62-72

JAN  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																	
64/ 63				.0																													1	1			
62/ 61		.1	.2																															7	7		
60/ 59			.1	.0																														3	3	2	
58/ 57		.1	.1																															5	5	6	2
56/ 55			.1	.0			.0																											4	4	6	5
54/ 53		.1	.0																															3	3	3	5
52/ 51		.3	.1		.0																													10	10	5	5
50/ 49	.1	.5	.2	.0																														19	19	17	9
48/ 47	.3	.0	.1	.2	.1																													15	15	14	20
46/ 45	.2	.1	.1		.1																													12	12	11	11
44/ 43	.3	.3	.4	.4	.0																													34	34	13	12
42/ 41	.4	.4	.2	.4	.0																													32	32	21	14
40/ 39	.2	.7	1.1	.4	.1																													59	59	32	14
38/ 37	.3	1.1	1.1	.5																														72	76	45	25
36/ 35	.4	2.6	1.6	.5																														117	120	79	39
34/ 33	.6	2.8	1.5	.3																														124	125	122	64
32/ 31	.9	3.4	1.5	.3																														141	141	139	100
30/ 29	1.1	3.6	1.4	.0																														143	143	156	154
28/ 27	2.1	4.0	1.2																															173	173	199	117
26/ 25	.6	5.7	.4																															182	183	170	140
24/ 23	1.7	3.5	.3																															130	130	178	165
22/ 21	1.1	3.4	.1																															108	109	110	159
20/ 19	1.7	2.4	.1																															99	101	122	105
18/ 17	.7	3.1	.2																															93	93	86	126
16/ 15	1.5	3.0	.3																															114	115	111	128
14/ 13	1.0	2.7																																87	88	96	94
12/ 11	.8	2.6	.0																															80	80	92	83
10/ 9	.9	2.6																																83	83	82	68
8/ 7	.7	2.3																																70	70	70	80
6/ 5	1.3	2.3																																84	84	83	80
4/ 3	.6	1.3																																45	45	62	70
2/ 1	.4	1.6																																47	47	46	78
0/ -1	1.3	.8																																49	49	56	57
-2/ -3	.4	.2																																15	15	23	42
Element (X)	Σx'		Σx		x̄		s <sub>x</sub>		No. Obs.		Clean 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  
 REVISIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-4/-5	.9	.6																		34	34	35	64	
-6/-7	.4	.4																		19	19	17	51	
-8/-9	.3	.0																		8	8	11	37	
-10/-11	.3	.2																		11	11	12	27	
-12/-13	.2																			5	5	5	20	
-14/-15	.2																			5	5	5	16	
-16/-17	.0																			1	1	1	20	
-18/-19																							9	
-20/-21	.1																			2	2	2	14	
-22/-23	.0																			1	1	1	3	
-24/-25																							6	
-26/-27																							2	
-28/-29																							2	
-30/-31																							4	
TOTAL	25.2	58.7	12.4	3.2	.5	.0														2346	2360	2346	2346	
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	14591106	182588	77.8	12.736	2346	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93												
Dry Bulb	1600289	52755	22.4	13.359	2360	5.9	72.3					93												
Wet Bulb	1410728	49096	20.9	12.784	2346	6.7	78.1					93												
Dew Point	1135325	38129	16.3	14.828	2346	14.8	84.1					93												

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-54,62-72

YEARS

JAN  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 57				.0														1	1		
66/ 65				.0														1	1		
64/ 63			.0	.0	.0													3	3		
62/ 61			.1	.1	.0													6	6	1	
60/ 59			.2	.0	.0													7	7	4	1
58/ 57			.1	.0		.0	.0											5	5	2	2
56/ 55		.0	.1	.2	.1	.1	.1											14	14	9	3
54/ 53		.1	.3	.4	.5	.1	.1	.0										16	16	5	4
52/ 51		.1	.1	.1	.3	.2	.0											21	21	8	6
50/ 49	.3	.1	.2	.3	.5	.1	.1											37	37	21	16
48/ 47	.3	.3	.1	.5	.5	.2												44	44	17	18
46/ 45	.1	.2	.4	1.1	.5	.1												59	59	25	16
44/ 43	.2	.3	.6	1.1	.4	.1	.0											68	68	36	12
42/ 41	.3	.5	1.1	1.6	.6	.0												99	99	56	18
40/ 39	.3	1.2	1.7	1.1	.5	.0												113	113	82	34
38/ 37	.4	1.5	1.6	1.5	.3													127	128	115	35
36/ 35	.7	2.2	2.3	1.2	.0													154	155	152	78
34/ 33	.5	2.3	1.9	.6	.1													128	128	131	113
32/ 31	.6	3.0	1.7	.3														134	134	207	119
30/ 29	1.2	3.6	1.9	.5														173	173	165	193
28/ 27	.6	3.3	1.6	.0														131	131	169	124
26/ 25	.6	2.6	1.4	.1														111	111	133	158
24/ 23	.5	2.8	1.0															101	101	117	164
22/ 21	.4	2.7	1.1															100	100	108	124
20/ 19	.3	2.8	.8															91	91	105	74
18/ 17	.7	2.7	.6															94	94	101	101
16/ 15	.6	2.8	.2															85	85	98	128
14/ 13	.3	2.4	.4															75	75	69	106
12/ 11	.5	2.9	.1															81	81	84	74
10/ 9	.3	2.8	.0															73	74	83	71
8/ 7	.3	1.7	.0															50	50	73	70
6/ 5	.1	1.7																43	43	44	74
4/ 3	.2	1.3																35	35	41	87
2/ 1		1.0																23	23	30	62
Element (X)	Σx'		Σx		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72

JAN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
0/-1	.6	.5																															26	26	31	51	
-2/-3	.3	.7																															22	22	25	27	
-4/-5	.1	.3																															10	10	13	46	
-6/-7	.1	.1																															9	5	5	40	
-8/-9	.1	.1																															4	4	5	35	
-10/-11	.2	.0																															6	6	7	25	
-12/-13																																					23
-14/-15		.0																																1	1	1	15
-16/-17																																					10
-18/-19																																					8
-20/-21																																					4
-22/-23																																					1
-24/-25																																					4
-26/-27																																					3
-32/-33																																					1
TOTAL	11.6	50.6	21.6	10.6	4.2	1.1	.3																												2377	2380	2378

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	Nu. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12477929	168433	70.8	15.182	2378							
Dry Bulb	2213187	65013	27.3	13.557	2380	2.9	57.6	.0				93
Wet Bulb	1836322	59050	24.8	12.471	2378	3.4	67.0					93
Dew Point	1332619	44377	18.7	14.568	2378	11.5	79.1					93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70/69						.0		.0			.0							3	3					
68/67				.1			.1		.0		.0							6	6					
66/65				.0	.1	.1	.2			.0								13	13					
64/63				.1	.1	.1	.1	.1	.1	.0								16	16					
62/61			.1	.1	.1	.1	.1	.2	.1									18	19	2				
60/59	.0		.0	.0	.3	.3	.3	.2	.1									29	29	4				
58/57				.0	.3	.3	.4	.2	.0									29	29	11				
56/55		.0	.1	.2	.4	.5	.3	.1										37	37	10				
54/53	.0	.1	.2	.3	.5	.6	.1	.2										48	48	12				
52/51	.0	.3	.0	.2	1.2	.6	.4											66	66	22				
50/49	.3	.1	.1	.5	1.4	.9	.4											89	89	46				
48/47	.1	.4	.1	1.0	1.3	.8	.2											91	91	55				
46/45	.2	.3	.4	1.7	1.1	.6	.0											102	102	64				
44/43	.1	.3	.6	2.1	1.1	.3	.0											109	109	79				
42/41	.1	.5	.9	1.4	1.3	.5	.2											114	114	112				
40/39	.3	.7	1.6	1.9	.8	.2												127	128	139				
38/37	.3	1.1	.9	1.7	.5													109	109	156				
36/35	.5	1.6	1.3	1.9	.2													135	135	142				
34/33	.3	2.1	2.3	1.3	.1													144	144	164				
32/31	.3	2.3	1.8	.7														120	120	179				
30/29	.3	1.7	2.4	.5														117	117	146				
28/27	.3	1.3	1.6	.6	.0													94	93	126				
26/25	.3	1.8	1.9	.2														98	98	116				
24/23	.3	2.0	1.9	.1														101	101	99				
22/21	.2	1.6	1.3															74	74	104				
20/19	.3	1.9	1.2															79	79	99				
18/17	.1	1.5	1.4															72	72	75				
16/15	.1	1.3	.6	.0														55	55	65				
14/13	.3	2.3	.7															76	76	65				
12/11	.1	2.1	.5															64	64	79				
10/9	.1	1.3	.3															39	39	66				
8/7		1.8	.0															44	44	38				
6/5		.8																19	19	46				
4/3		.6																15	15	13				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72

JAN  
 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
2/ 1	.0	.2																6	6	16	74
0/ -1	.1	.4																12	12	13	41
-2/ -3	.1	.1																5	5	7	24
-4/ -5		.1																2	2	2	36
-6/ -7		.0																1	1	1	33
-8/ -9	.1																	2	2	3	24
-10/-11	.0																	1	1	1	19
-12/-13																					10
-14/-15																					6
-16/-17																					5
-18/-19																					3
-20/-21																					2
-24/-25																					1
-26/-27																					3
-36/-37																					2
TOTAL	5.0	32.8	24.4	16.8	10.8	5.8	2.7	1.0	.4	.2	.1							2381		2381	2381

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10057616	149424	62.8	16.906	2381							
Dry Bulb	3122801	79201	33.2	14.350	2383	.9	42.8	.4				93
Wet Bulb	2379876	69288	29.1	12.360	2381	1.1	53.2					93
Dew Point	1529831	20129	21.1	14.119	2381	8.2	74.3					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF -53,62-72

YEARS

JAN  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
70/ 69								.0	.1	.1								5	5	
68/ 67							.1	.0	.1	.0	.0							9	9	
66/ 65				.1	.1		.0	.0	.1	.0	.1							11	11	
64/ 63				.1	.0	.0	.0	.1	.1	.0	.1							10	10	
62/ 61			.1	.1	.1	.1	.1	.2	.1									19	19	
60/ 59		.0		.3	.3	.3	.3	.2	.0									27	27	3
58/ 57		.1	.3		.3	.5	.3	.2	.1									41	41	13
56/ 55		.1	.0	.2	.3	.5	.3	.1										42	42	9
54/ 53		.3	.2	.4	.5	.5	.3	.1										54	54	22
52/ 51	.1	.2	.3	.2	.6	.7	.2	.1										59	59	19
50/ 49	.2	.3	.4	.5	1.3	1.1	.3	.1										100	100	41
48/ 47	.1	.2	.2	1.0	.8	.5	.2											73	73	69
46/ 45		.5	.6	1.2	1.3	.9	.2											98	98	70
44/ 43	.1	.2	.5	1.4	1.2	.9	.1											95	95	78
42/ 41	.1	.5	1.6	1.8	.7	.4	.0											124	124	109
40/ 39	.1	1.0	1.3	1.7	1.7	.1												139	139	118
38/ 37	.2	1.3	1.2	1.5	.7	.1												117	117	151
36/ 35	.3	1.7	1.9	2.0	.3													146	147	158
34/ 33	.4	2.5	2.1	1.1	.1													144	146	154
32/ 31	.3	2.8	2.1	1.0	.0													150	150	209
30/ 29	.2	2.2	1.5	.4														101	101	163
28/ 27	.4	1.7	2.2	.4														113	113	147
26/ 25	.3	1.5	1.6	.5														94	94	99
24/ 23	.1	1.2	1.8	.1														76	76	108
22/ 21	.1	2.9	1.3	.2														97	97	91
20/ 19	.2	1.2	.9	.1														60	60	95
18/ 17	.2	1.9	1.3															71	71	71
16/ 15	.2	1.3	.9															57	57	70
14/ 13	.1	1.0	.8															46	46	58
12/ 11	.2	1.5	.3															47	47	55
10/ 9	.1	1.8	.5															56	56	59
8/ 7	.2	1.2																34	34	48
6/ 5	.0	1.0																24	24	38
4/ 3	.1	.5																14	15	18
Element (X)	Σx'		Σx		x̄		s <sub>x</sub>		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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN

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		
2/ 1		.5																11	11	14	64		
0/ -1	.1	.2																5	6	11	42		
-2/ -3	.0	.0																2	2	4	21		
-4/ -5	.0																	1	1	1	46		
-6/ -7	.0																	1	1	1	28		
-8/ -9	.0																	1	1	1	19		
-10/-11	.0																	1	1	1	11		
-12/-13																					14		
-14/-15																					7		
-16/-17																					5		
-18/-19																					2		
-22/-23																					1		
-32/-33																					2		
-36/-37																					1		
TOTAL	4.8	32.7	25.6	15.9	10.3	6.1	2.4	1.5	.5	.1								2376	2380	2376	2376		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10171675	149901	63.117	344	2376							93
Dry Bulb	3189307	80359	33.814	086	2380	.5	41.6	.5				93
Wet Bulb	2429155	70327	29.612	097	2376	.7	53.3					93
Dew Point	1566447	51391	21.613	840	2376	7.8	73.9					93

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

YEARS

JAN

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			
66/ 65						.0					.0									1	1			
62/ 61					.0	.0				.0										3	3			
60/ 59		.1			.0					.1										6	6			
58/ 57			.2		.0					.2	.1									11	11	3	1	
56/ 55		.3	.1		.1	.1				.1	.1									17	17	4	3	
54/ 53	.0	.2	.1	.0	.2	.1	.0			.1	.0									17	17	13	5	
52/ 51	.0	.1	.0	.3	.2	.0	.1													18	18	10	10	
50/ 49	.1	.3	.3	.1	.2	.1	.0													25	25	8	9	
48/ 47	.0	.3	.3	.3	.3	.2														33	33	19	9	
46/ 45	.1	.4	.7	1.1	.4	.2														67	67	36	13	
44/ 43	.1	.6	.5	1.0	.6	.2														69	69	34	14	
42/ 41	.1	.4	1.4	.9	.3	.3														79	79	44	28	
40/ 39	.4	1.0	2.0	1.2	.5	.0														121	121	76	32	
38/ 37	.2	1.9	1.7	1.3	.1															122	122	111	52	
36/ 35	.1	3.1	1.7	1.1	.1															143	143	132	58	
34/ 33	.8	4.1	2.2	.9																187	187	197	114	
32/ 31	.8	4.4	2.5	.5	.0															192	194	192	164	
30/ 29	.6	3.6	1.9	.3																156	157	204	186	
28/ 27	.1	3.9	1.9	.2																144	144	179	138	
26/ 25	.6	3.2	1.4	.0																121	121	144	133	
24/ 23	.4	2.9	.9	.0																99	100	121	161	
22/ 21	.4	2.3	.8	.1																84	84	119	141	
20/ 19	.3	3.0	.9																	97	98	83	113	
18/ 17	.4	3.1	.5																	94	94	95	117	
16/ 15	.4	2.4	.1																	69	69	103	109	
14/ 13	.2	1.8	.1																	49	49	64	99	
12/ 11	.5	1.8	.1																	55	55	58	86	
10/ 9	.3	2.1	.1																	60	60	49	62	
8/ 7	.0	2.0																		48	49	57	70	
6/ 5	.4	2.5																		68	68	66	52	
4/ 3	.1	1.1																		28	28	50	61	
2/ 1	.1	.6																		16	16	19	51	
0/ -1	.4	.3																		17	17	22	54	
2/ -3	.2	.5																		15	15	11	40	
Element (X)	Z <sub>X</sub>	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72 JAN  
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
-4/-5	.3	.0																8	8	16	44
-6/-7	.2	.0																5	5	5	39
-8/-9	.0	.0																2	2	2	25
-10/-11	.1																	2	2	2	17
-12/-13																					15
-14/-15																					9
-16/-17																					8
-20/-21																					3
-24/-25																					1
-28/-29																					1
-32/-33																					1
TOTAL	0.9	54.6	22.1	9.5	3.0	1.4	.5											2348		2348	2348

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12686796	169108	72.0	14.702	2348							
Dry Bulb	2235511	66023	28.0	12.771	2354	1.9	56.7					93
Wet Bulb	1862092	60084	25.6	11.760	2348	2.3	65.8					93
Dew Point	1354559	46293	19.8	13.659	2348	10.2	79.2					93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 35-53.62-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2360

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															
62/ 61		.0	.0	.0																												3	3			
60/ 59		.1	.1	.1						.0	.0																					9	9			
58/ 57		.1	.1							.0																						6	6	4	3	
56/ 55		.2	.1	.0																												8	8	7	3	
54/ 53	.1	.1	.1	.0						.1	.1																					11	11	11	12	
52/ 51	.0	.1	.2	.0						.0																							9	9	5	5
50/ 49	.1	.2	.1	.0	.1	.1				.1	.1																					17	17	9	7	
48/ 47	.0	.3	.0	.1	.1	.0				.0																						15	15	12	10	
46/ 45	.1	.2	.2	.3	.3	.1																										26	26	16	9	
44/ 43	.2	.4	.5	.6	.1																											40	40	13	11	
42/ 41	.1	.9	.9	1.1	.2	.0																										74	74	28	14	
40/ 39	.4	1.2	1.8	1.2	.2																											113	113	54	31	
38/ 37	.5	1.3	1.5	.8	.0																											96	96	101	44	
36/ 35	.3	2.1	1.2	.5	.1																											98	99	99	43	
34/ 33	.8	4.7	1.8	.6																												186	188	155	84	
32/ 31	1.1	4.8	1.8	.3																												186	189	198	147	
30/ 29	.9	4.8	1.4	.2																												169	170	190	180	
28/ 27	1.1	4.4	.9	.1																												154	156	201	129	
26/ 25	1.1	4.4	1.4																													162	162	146	158	
24/ 23	1.0	3.2	.6																													116	116	158	173	
22/ 21	.4	3.2	.6																													99	99	115	134	
20/ 19	.6	2.5	.4			.0																										83	82	95	97	
18/ 17	1.1	2.7	.4																													99	99	98	126	
16/ 15	.8	2.9	.1																													89	89	86	118	
14/ 13	.5	1.8	.1																													55	55	84	89	
12/ 11	.8	1.9	.1																													65	65	67	76	
10/ 9	.5	1.9	.1																													59	59	65	73	
8/ 7	.4	2.4																														65	65	61	73	
6/ 5	.5	1.9																														56	56	61	70	
4/ 3	.6	1.8																														56	56	65	61	
2/ 1	.3	1.2																														36	36	39	60	
0/ -1	.6	.2																														20	20	32	57	
-2/ -3	.4	.6																														24	24	18	35	
-4/ -5	.7	.2																														20	20	27	56	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53.62-72

JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
-6/-7	.2	.0																5	5	6	42
-8/-9	.2	.0																5	5	5	39
-10/-11	.1	.1																5	5	5	22
-12/-13	.0																	1	1	2	16
-14/-15																					8
-16/-17																					12
-18/-19																					7
-20/-21																					2
-22/-23																					3
-26/-27																					1
TOTAL	16.4	59.2	16.9	6.0	1.2	.5	.3											2340	2340	2340	

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	13766785	176559	75.5	13.793	2340							93
Dry Bulb	1907313	59777	25.4	12.824	2340	3.2	64.7					93
Wet Bulb	1640597	55125	23.6	12.092	2340	3.8	72.5					93
Dew Point	1254013	43169	18.4	13.987	2340	11.9	82.0					93

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71

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
60/ 59							.1										1	1		
58/ 57		.1	.1			.2											6	6		
56/ 55					.1												2	2	1	
54/ 53		.1			.1	.1	.1										5	5	1	1
52/ 51	.1	.3	.2	.1	.2	.2											18	18	4	4
50/ 49	.2	.3	.2	.2	.2	.1											26	26	9	8
48/ 47	.2	.2	.3	.3	.3												23	23	22	6
46/ 45	.1	.7	.3	.4	.2												32	33	22	11
44/ 43	.1	.7	.9	.8	.4	.1											57	59	28	19
42/ 41	.1	.5	1.0	.5	.2												43	43	39	20
40/ 39	.8	1.5	1.1	1.3	.4												99	99	59	40
38/ 37	.2	1.6	1.1	.7	.4												77	77	72	36
36/ 35	.6	3.4	1.9	.7	.2												130	130	89	70
34/ 33	1.5	4.1	2.6	.6	.1												173	173	151	76
32/ 31	.7	4.1	2.6	.3	.1												151	151	160	124
30/ 29	1.3	4.4	1.4	.3													145	145	185	142
28/ 27	1.2	4.6	1.2	.2													140	140	168	94
26/ 25	1.4	3.4	1.0	.3													118	118	146	161
24/ 23	1.4	4.3	1.1	.1													132	132	127	159
22/ 21	1.0	3.8	.8														109	109	113	137
20/ 19	.7	2.4	.8														76	76	111	102
18/ 17	.6	2.9	.3														73	73	68	105
16/ 15	.5	2.9	.4														73	73	88	91
14/ 13	.6	2.5	.1														60	60	70	72
12/ 11	.4	2.1	.1														50	50	59	75
10/ 9	.5	1.7	.1														44	44	57	60
8/ 7	.2	.9	.1														23	23	32	64
6/ 5	.3	.4															12	12	17	72
4/ 3	.1	.5															11	11	12	39
2/ 1		.4															8	8	6	45
0/ -1	.1	.2															4	4	6	34
-2/ -3	.1	.2															4	4	5	18
-4/ -5	.1	.1															2	2	4	14
-6/ -7	.3																5	5	5	10
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$> 80 F$	$\geq 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53.62-65.67-71  
STATION STATION NAME YEARS

FEB  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
-8/-9		.1																2	2	1	3
-10/-11																				1	5
-12/-13																					6
-14/-15																					2
-16/-17																					4
-18/-19																					2
-22/-23																					2
-24/-25																					1
TOTAL	15.355	220.0	6.5	2.4	.6	.1												1934	1937	1934	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	Nr. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	> 93 F	Total
Rel. Hum.	11538723	146737	73.9	14.482	1934							
Dry Bulb	1757143	54431	28.1	10.842	1937	.7	53.9					84
Wet Bulb	1507454	50328	26.0	10.115	1934	1.0	62.4					84
Dew Point	1133482	40712	21.1	11.959	1934	4.4	71.4					84

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71

FEB

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				
58/ 57	.1					.1												3	3	1	1					
56/ 55					.1													1	1							
54/ 53	.1	.3			.2													10	10	1	1					
52/ 51	.1	.1		.1		.1												8	8	7	6					
50/ 49		.6	.2	.1	.1	.3												22	22	2	1					
48/ 47		.4	.3	.1	.1													15	15	19	9					
46/ 45	.3	.3	.7	.2	.1													28	28	21	13					
44/ 43	.1	1.0	.7	.3	.2													44	46	20	9					
42/ 41	.3	.8	.8	.3	.3													47	47	44	23					
40/ 39	.5	1.1	1.0	.8	.3													72	72	45	45					
38/ 37	.7	1.2	1.2	.6	.1													72	73	61	39					
36/ 35	.5	2.2	1.6	.3														88	88	62	40					
34/ 33	1.9	3.9	2.4	.5														169	169	144	83					
32/ 31	1.3	4.8	2.7	.4														177	177	152	108					
30/ 29	1.0	5.2	1.3	.3														152	152	178	136					
28/ 27	1.0	4.7	1.3	.2														140	140	170	89					
26/ 25	1.8	4.3	.3	.1														133	133	158	144					
24/ 23	1.2	4.6	1.1															135	135	134	166					
22/ 21	1.3	3.8	.6															105	105	131	158					
20/ 19	.7	2.6	.8															80	82	99	97					
18/ 17	.9	2.3	.7															76	77	78	108					
16/ 15	.6	2.9	.3															73	73	67	80					
14/ 13	.7	2.1																53	53	83	66					
12/ 11	.8	2.6																65	65	63	110					
10/ 9	.8	1.8																50	50	56	54					
8/ 7	.5	1.9																46	46	46	60					
6/ 5	.1	.9																19	19	31	65					
4/ 3	.2	.3																8	8	16	56					
2/ 1	.3	.4																13	13	11	40					
0/ -1	.2	.3																10	10	10	27					
-2/ -3	.1	.1																3	3	6	22					
-4/ -5	.3	.2																9	9	9	23					
-6/ -7	.2																	3	3	4	9					
-8/ -9	.1																	2	2	2	17					
Element (X)	Σx'	Σx	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH, KANS/SHERMAN AAF 39-53,62-65,67-71

FEB

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11	.1	.1																2	2	1	10
-12/-13		.1																2	2	2	2
-14/-15																				1	5
-16/-17																					5
-18/-19																					3
-20/-21																					1
-22/-23																					1
-30/-31																					1
-32/-33																					1
-34/-35																					1
TOTAL	18.6	57.4	18.3	4.0	1.3	.5												1935	1941	1935	1935

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11949247	149637	77.3	13.972	1935							
Dry Bulb	1614770	51698	26.6	11.072	1941	1.3	58.8					84
Wet Bulb	1407156	48076	24.8	10.487	1935	1.5	65.5					84
Dew Point	1085492	39007	20.2	12.437	1935	5.6	72.3					84

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



2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 STATION NAME YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
60/ 59		.0					.0																									2	2			
58/ 57	.1	.0																														3	3		3	
56/ 55		.2				.0																										5	5		1	
54/ 53		.4		.0	.1																											12	12		3	
52/ 51		.2	.2			.0																										10	10		7	
50/ 49	.0	.2	.1	.1	.1																											13	13		8	
48/ 47	.1	.3	.4	.0	.1	.1																										23	23		4	
46/ 45	.1	.3	.2	.2	.1																											20	20		8	
44/ 43	.1	.6	.5	.2	.1	.0																										33	33		22	
42/ 41	.1	1.0	.8	.8	.2																											62	63		19	
40/ 39	.6	.8	1.0	.4	.2																											65	66		35	
38/ 37	.1	1.6	1.0	.8	.1																											80	81		31	
36/ 35	.4	3.1	1.6	.4	.0																											117	117		33	
34/ 33	1.6	3.9	2.2	.6																												177	178		105	
32/ 31	1.7	5.0	2.5	.3	.0																											205	205		141	
30/ 29	1.2	4.2	1.3	.2																													147	147		148
28/ 27	1.2	4.1	1.2	.0																													138	138		109
26/ 25	.8	3.2	.9	.2																													152	152		161
24/ 23	1.0	4.7	1.2																														146	146		138
22/ 21	.9	4.3	.6																														124	124		155
20/ 19	1.1	3.5	.2																														101	101		110
18/ 17	1.3	2.1	.8																														87	89		116
16/ 15	.8	2.5	.0																														71	72		117
14/ 13	.5	2.5	.1																														66	67		104
12/ 11	.7	2.5	.2																														74	74		91
10/ 9	.8	1.4	.1																														48	48		59
8/ 7	.2	2.0																															46	46		70
6/ 5	.2	1.2																															36	36		76
4/ 3	.1	.4																															12	12		56
2/ 1	.2	.5	.0																														15	15		35
0/ -1	.4	.2																															12	12		33
-2/ -3	.1	.1																															5	5		24
-4/ -5	.1	.1																															5	5		32
-6/ -7	.1	.1																															5	5		24
Element (X)	Σx'	Σx	̄x	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
-8/-9	.0																	1	1	2	15															
-10/-11	.1																	2	2	2	6															
-12/-13	.0	.1																3	3	1	5															
-14/-15																				2	3															
-16/-17																					8															
-18/-19																					5															
-20/-21																					1															
-22/-23																					1															
-30/-31																					1															
-32/-33																					1															
TOTAL	17.2	59.4	17.5	4.4	1.2	.2	.0											2123	2131	2123	2123															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	93 F	
Rel. Hum.	13112215	164341	77.4	13.567	2123						93 F	84
Dry Bulb	1741925	56102	26.3	11.143	2131	1.3	59.3					84
Wet Bulb	1520059	52169	24.6	10.592	2123	1.6	66.1					84
Dew Point	1177128	42290	19.9	12.559	2123	6.3	73.0					84

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

YEARS

FEB

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
68/67				.0		.0												2	2		
66/65					.0			.0										2	2		
64/63			.1	.0														3	3		
62/61		.0			.1		.1	.0	.0									7	7	1	
60/59		.0	.1	.0	.0	.0	.0	.0										7	7	3	2
58/57			.0	.1	.0	.1	.0	.1	.0									10	10	4	3
56/55		.3	.1	.1	.2	.2	.1	.1										21	21	6	2
54/53		.1	.1	.3	.3	.1	.2											28	28	10	4
52/51		.3	.0	.7	.4	.0	.0											32	32	9	11
50/49		.2	.1	.3	.6	.4	.1											37	37	15	9
48/47		.2	.5	.9	.7	.4	.1	.0										62	62	24	10
46/45		.3	.8	1.5	.6	.4												77	77	39	8
44/43	.2	.4	1.1	1.3	.7	.3												86	86	48	13
42/41	.4	.7	1.9	1.3	.8	.1	.1											117	117	77	33
40/39	.3	1.3	1.6	.8	.8	.0												107	107	107	47
38/37	.3	1.7	1.9	2.1	.4	.0												139	139	130	51
36/35	.5	2.7	1.9	1.6	.0													144	144	150	105
34/33	1.1	3.9	3.1	.6	.1													187	188	177	129
32/31	1.0	3.0	2.7	.7	.1													159	159	216	156
30/29	.7	2.9	2.7	.7	.0													153	153	167	181
28/27	.5	2.8	2.2	.4														126	126	148	101
26/25	.2	2.2	1.9	.3														101	101	142	173
24/23	.1	2.7	1.7	.1														101	101	114	145
22/21	.2	2.3	1.6	.1														91	91	109	143
20/19	.3	1.7	1.2															71	71	95	85
18/17	.5	1.9	.8	.0														69	69	81	113
16/15	.2	1.6	.4															48	48	69	98
14/13	.1	1.6	.3															43	43	52	78
12/11	.1	1.4	.1															35	35	40	73
10/9	.0	1.1	.2															29	29	36	44
8/7	.2	.8	.0															24	24	36	65
6/5		.4																9	9	17	52
4/3		.3																6	6	6	46
2/1		.3																7	7	9	41
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

FEB

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
0/ -1	.1	.0																4	4	6	43
-2/ -3		.1																2	2	3	13
-4/ -5	.0	.1																3	3	3	23
-6/ -7																					15
-8/ -9																					11
-10/ -11																					4
-12/ -13																					6
-14/ -15																					6
-16/ -17																					6
-18/ -19																					1
TOTAL	7.3	39.7	29.5	14.0	6.0	2.2	1.0	.3	.0									2149	2150	2149	2149

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10840956	148550	69.1	16.324	2149							84
Dry Bulb	2478447	68647	31.9	11.549	2150	.4	42.2					84
Wet Bulb	2009439	61811	28.8	10.383	2149	.5	52.7					84
Dew Point	1405129	47937	22.3	12.504	2149	5.0	67.3					84

USAFETAC FORM 0-26-5 (01 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
78/ 77																																	1	1			
76/ 75												.0																					1	1			
74/ 73																																		1			
72/ 71											.1																						4	4			
70/ 69									.0	.0	.0	.1	.0																			7	7				
68/ 67								.1			.0	.0	.1																			5	5				
66/ 65				.0				.1	.1	.2	.1	.1																				14	14				
64/ 63			.0	.0	.1			.1	.1	.0																						10	10				
62/ 61		.0	.0	.1	.0	.1	.4	.3	.4	.2																						34	34	4			
60/ 59			.1	.2	.3	.4	.4	.2	.2	.0																						43	43	5	2		
58/ 57			.1	.2	.5	.5	.5	.5	.1																							52	52	7	1		
56/ 55			.2	.5	.8	.6	.4	.4	.0																							62	62	9	1		
54/ 53		.0	.2	.4	1.0	.9	.5	.1																								68	68	22	7		
52/ 51		.0	.1	.7	.9	.7	.9	.0																								74	74	32	9		
50/ 49		.2	.1	1.1	.9	1.1	.4	.0																								84	84	50	13		
48/ 47	.0	.2	.4	1.1	1.3	1.1	.0																									89	90	71	19		
46/ 45	.2	.6	.6	1.3	1.5	.6	.3																									107	107	98	31		
44/ 43	.2	.4	.7	1.3	.9	.6	.2																									93	93	104	43		
42/ 41	.3	.7	.8	1.8	1.0	.4																										106	106	110	43		
40/ 39	.3	1.5	1.3	1.6	.6	.2																										118	118	148	66		
38/ 37	.2	1.1	1.6	1.8	.8																											121	121	153	95		
36/ 35	.3	2.1	2.2	2.0	.4	.2																										156	156	137	100		
34/ 33	.5	2.1	2.2	1.9	.4	.2																										146	146	161	131		
32/ 31	.5	2.6	3.0	1.3	.4	.0																										171	171	175	165		
30/ 29	.6	2.1	2.2	1.1	.4																											137	137	165	157		
28/ 27	.2	1.3	1.5	.6	.2																											83	83	173	128		
26/ 25	.1	1.5	1.9	.6																												89	89	106	170		
24/ 23	.0	1.2	1.4	.4	.0																											67	67	96	162		
22/ 21	.3	.9	1.0	.2																												52	52	83	127		
20/ 19	.1	.8	.7	.3																												41	41	68	84		
18/ 17	.1	.7	.3	.1																												27	28	47	103		
16/ 15	.1	.7	.4																													26	26	33	84		
14/ 13	.1	.7	.4																													27	27	32	65		
12/ 11	.4	.1																														12	12	23	61		
Element (X)	Σx'	Σx	Σ	Σx	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 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB  
 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				
10/ 9		.4	.0															10	10	15	49				
8/ 7		.5																10	10	14	51				
6/ 5		.2																4	4	8	40				
4/ 3		.1																2	2	5	25				
2/ 1																					25				
0/ -1																					23				
-2/ -3																					18				
-4/ -5																					22				
-6/ -7																					11				
-8/ -9																					12				
-10/-11																					4				
-12/-13																					2				
-14/-15																					4				
-16/-17																					1				
TOTAL	4.2	23.2	24.0	20.2	12.5	8.0	4.3	2.1	.9	.3	.2							2154	2154	2154					

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	8844581	131947	61.3	18.8	2154							
Dry Bulb	3441798	81874	38.0	12.4	2154		29.6	.7	.1			84
Wet Bulb	2573540	71090	33.0	10.2	2154		40.7					84
Dew Point	1631158	53034	24.6	12.2	2154	3.8	62.1					84

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB  
 MONTH

PAGE 2 1900-1700  
 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
12/ 11	.0	.3	.1															10	10	18	57
10/ 9		.3	.1															8	8	9	47
8/ 7		.3	.1															9	9	11	46
6/ 5		.1																2	2	9	42
4/ 3																					19
2/ 1																					27
0/ -1																					14
-2/ -3																					19
-4/ -5																					19
-6/ -7																					14
-8/ -																					4
-10/-11																					8
-12/-13																					2
-14/-15																					4
TOTAL	4.3	21.1	22.1	19.5	13.5	9.1	5.6	2.3	1.0	.8	.5	.1						2152	2152	2152	2152

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8507781	128577	59.7	19.591	2152							
Dry Bulb	3680039	84689	39.4	12.705	2152		27.2	1.4	.5	.1		84
Wet Bulb	2707116	73034	33.9	10.307	2152		38.5					84
Dew Point	1685401	54037	25.1	12.358	2152	3.3	60.0					84

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
70/69										.0																					1	1			
68/67								.0		.0	.0																				3	3			
66/65										.0	.0	.1																		4	4				
64/63							.1	.0			.0	.0	.1																	6	6				
62/61										.1	.0	.1	.1																	6	6				
60/59				.0						.0	.1	.0																		3	3				
58/57				.1	.1		.1	.1	.2	.0	.1	.1																	16	16	3				
56/55		.1	.1	.2	.1	.2	.1	.2	.1	.0	.0	.0																	21	21	5				
54/53		.1	.2	.4	.2	.3	.1	.0																					28	28	4	3			
52/51	.0	.1	.3	.1	.3	.3	.0																						27	27	15	7			
50/49	.1	.3	.5	.7	.3	.4	.3																						58	58	22	11			
48/47	.1	.2	.4	.7	.7	.5	.3	.1																					56	56	34	13			
46/45	.3	.7	.8	.6	.6	.3	.0																						72	72	48	16			
44/43	.2	.5	1.0	.9	.8	.5	.0																						88	88	60	31			
42/41	.3	1.4	1.9	.8	.7	.1																							108	108	74	35			
40/39	.3	2.2	1.8	1.5	.6	.1																							136	136	115	49			
38/37	.3	1.7	2.9	2.0	.2																								148	148	135	65			
36/35	.4	3.2	2.9	1.2	.4																								162	162	156	112			
34/33	.2	3.4	2.8	1.0	.5																								167	167	173	108			
32/31	.2	3.7	2.7	.7	.4																								162	162	187	150			
30/29	.8	3.4	3.1	1.1	.0																								178	178	186	163			
28/27	.3	2.0	2.2	1.4																									104	104	159	117			
26/25	.5	2.9	2.0	.4																									121	121	144	164			
24/23	.2	2.6	2.0	.5																									113	113	128	143			
22/21	.1	2.1	1.4	.2																									81	81	113	150			
20/19	.2	1.8	.9	.0																									63	63	97	73			
18/17	.3	1.5	.7	.0																									53	53	72	126			
16/15	.1	1.0	.4																										32	32	55	116			
14/13	.3	.7	.2																										25	25	38	88			
12/11	.0	.8	.0																										18	18	21	67			
10/9	.0	.5																											12	12	23	52			
8/7	.0	.4																											9	9	10	56			
6/5	.0	.4																											9	9	9	37			
4/3	.0	.2																											5	6	8	38			
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb		Dew Point		
2/ 1		.1																		2	2	4	40
0/ -1																				1	1	1	22
-2/ -3		.0																		1	1	1	10
-4/ -5																				1	1	1	9
-6/ -7		.0																		1	1	2	14
-8/ -9		.0																		1	1	2	4
-10/-11																							3
-12/-13																							5
-14/-15																							2
-16/-17																							1
-20/-21																							1
-24/-25																							1
TOTAL	5.738	.231	.313	.5	6.2	2.9	1.0	.5	.5	.2										2102	2103	2102	2102

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10472176	143904	68.517	1.84	2102							
Dry Bulb	2585407	70143	33.410	0.815	2103	.1	39.6	.2				84
Wet Bulb	2076849	62939	29.9	0.567	2102	.2	50.3					84
Dew Point	1430874	48996	23.311	0.725	2102	2.9	66.0					84

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

2 XI

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

FEB

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
64/63					.0													1	1	
62/61			.0					.1	.0									4	4	
60/59								.1										2	2	
58/57			.0			.0	.0											3	3	1
56/55		.1	.1					.1	.0	.0								9	9	1
54/53	.0	.1	.2	.2	.0	.1	.0	.0										20	20	4
52/51		.5	.1			.2		.0										18	18	8
50/49	.0	.1	.4	.4	.3			.0										27	27	15
48/47	.1	.4	.3	.3	.3	.1												35	35	18
46/45	.1	.5	.5	.5	.2	.2												44	45	33
44/43	.2	.7	.8	.8	.4	.1												64	64	39
42/41	.2	.9	1.2	1.0	.6	.0												85	85	48
40/39	.6	1.4	1.6	.7	.2													95	95	66
38/37	.3	2.2	1.8	.6	.3													114	114	104
36/35	.8	4.0	2.6	1.1	.1													182	182	137
34/33	.6	4.8	3.2	.6	.1													197	197	178
32/31	.3	3.7	2.4	.7	.2													154	154	124
30/29	.7	4.7	1.9	.7														168	168	196
28/27	.8	3.8	2.5	.4														157	157	174
26/25	.9	3.7	1.8	.2														140	140	172
24/23	.7	3.4	.8	.1														106	106	144
22/21	.4	2.8	1.4	.2														100	100	105
20/19	.3	3.0	1.1															93	93	101
18/17	.5	2.6	.9															74	74	101
16/15	.5	2.0	.5															62	62	80
14/13	.2	1.9	.1															46	46	58
12/11	.2	.9	.2															28	28	43
10/9	.3	1.0	.1															30	30	31
8/7	.0	.8																17	17	24
6/5	.1	.4																10	10	15
4/3	.0	.1																4	4	8
2/1	.1	.1																5	5	5
0/-1	.2	.1																8	8	7
-2/-3	.0																	1	1	3
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,67-72

YEARS

FER 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
-4/-5																					17
-6/-7																					12
-8/-9			.1															2	2	1	1
-10/-11	.0																	1	1	2	5
-12/-13																					5
-14/-15																					3
-22/-23																					1
-24/-25																					1
-26/-27																					1
TOTAL	9,650	526	5	8.8	3.2	.8	.3	.1	.0									2106	2107		2106

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11829198	154584	73.4	15.139	2106							
Dry Bulb	2136122	63362	30.1	10.466	2107	.5	48.1					84
Wet Bulb	1799311	58083	27.6	9.684	2106	.5	58.0					84
Dew Point	1314865	46545	22.1	11.660	2106	3.3	70.1					84

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 31-45, 47-53, 62-65, 67-71  
STATION STATION NAME YEARS

MAR  
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/ 73						.0		.0	.0										3	3																	
72/ 71								.1											3	3																	
70/ 69					.0		.1												3	3																	
68/ 67				.0		.1	.3	.0											10	10																	
66/ 65					.0	.1	.0	.0											6	6	1																
64/ 63			.0			.1		.0											5	5	2																
62/ 61		.3	.3	.2		.2		.0	.2	.0									28	28	4	3															
60/ 59		.1	.4	.2		.2	.4	.0											30	30	20	3															
58/ 57	.0	.3	.3	.1	.1	.1	.2		.0										26	26	13	10															
56/ 55	.0	.4	.3	.3	.1	.1	.1												29	29	27	12															
54/ 53	.0	.3	.6	.3	.3	.3	.1	.2											39	39	27	24															
52/ 51	.2	.5	.8	.3	.4	.3	.1												57	57	27	29															
50/ 49	.3	.5	.3	.4	.4	.0	.1												43	43	46	35															
48/ 47	.2	.5	1.2	.8	.3	.2													68	68	58	34															
46/ 45	.2	.9	1.1	.9	.3	.0													76	76	45	23															
44/ 43	.1	1.3	1.4	.8	.2	.2													85	85	73	44															
42/ 41	.4	1.8	1.5	.6	.4														98	98	95	49															
40/ 39	.2	1.5	1.6	.7	.4														94	94	107	82															
38/ 37	.2	2.2	2.3	.9	.0														121	121	95	87															
36/ 35	.6	4.1	2.7	1.3	.1	.0													187	187	137	99															
34/ 33	1.2	5.1	3.0	.8	.2														218	218	194	146															
32/ 31	1.1	4.5	2.0	.1	.1														166	166	214	166															
30/ 29	.5	4.5	1.5	.4															149	149	199	175															
28/ 27	1.0	4.2	.8	.1															131	131	165	120															
26/ 25	.9	3.0	1.1	.0															108	111	141	179															
24/ 23	.4	2.3	.4	.0															69	69	95	173															
22/ 21	.3	2.0	.0																65	65	83	121															
20/ 19	.7	2.3	.2																70	70	71	79															
18/ 17	.4	2.3	.1																58	58	61	95															
16/ 15	.0	1.2																	27	27	58	68															
14/ 13	.1	.8																	10	18	20	67															
12/ 11	.1	.6																	14	14	17	43															
10/ 9	.0	.1																	4	4	12	43															
8/ 7	.0																		1	1	2	42															
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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) REVID REVISED EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-45,47-53,62-65,67-71 YEARS

MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
6/ 5	.1	.1																															5	5	4	31
4/ 3	.2	.0																															6	6	6	13
2/ 1	.0	.1																															3	3	3	13
0/ -1	.1	.0																															4	4	5	6
-2/ -3		.0																															1	1	1	4
-4/ -5	.0																																1	1	1	2
-6/ -7																																				2
-8/ -9		.1																															3	3	1	3
-10/-11																																				2
-12/-13																																				1
-18/-19																																				1
-20/-21																																				1
-24/-25																																				1
TOTAL	9.9	48.1	24.7	9.5	3.9	1.9	1.4	.4	.1																								2132	2135	2132	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ °3 F	Total
Rel. Hum.	12679378	161392	75.7	14.636	2131							
Dry Bulb	2921320	74782	35.0	11.695	2135	.4	39.5	.8	.1			93
Wet Bulb	2465187	68821	32.3	10.693	2132	.4	50.6					93
Dew Point	1930432	58978	27.7	11.843	2132	1.0	63.3					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-45, 47-53, 62-65, 67-71

MAR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
72/ 71					.0																											1	1			
70/ 69					.1		.1	.0																								5	5			
68/ 67					.1		.1	.0																								3	3			
66/ 65					.0		.1	.0	.0																							5	5			
64/ 63				.2		.1	.1																									8	8	3		
62/ 61		.2		.2	.2	.1	.1	.0																							20	20		2		
60/ 59		.1	.3	.1	.2	.2	.1	.1	.0																						24	24	17	3		
58/ 57		.2	.2	.1	.0	.2	.0	.0																							19	19	11	8		
56/ 55	.0	.4	.1	.1	.1	.1																									17	17	23	13		
54/ 53	.0	.4	.3	.2	.1	.1																									25	25	21	21		
52/ 51	.0	.8	.3	.1	.2	.5	.1																								43	43	29	20		
50/ 49	.3	1.0	.4	.3	.5	.2	.0																								59	59	34	22		
48/ 47	.3	.9	.7	.3	.3	.1																										55	55	47	39	
46/ 45	.2	1.4	.8	.5	.3	.1																										72	72	44	44	
44/ 43	.3	1.1	1.1	.5	.1																											65	65	73	47	
42/ 41	.1	1.5	1.0	.6	.1	.0																										72	72	83	34	
40/ 39	.6	1.5	1.5	.7	.2																											94	94	75	76	
38/ 37	.3	2.4	2.1	.9																												122	122	84	65	
36/ 35	.5	4.4	2.0	.8	.1																											167	167	131	71	
34/ 33	1.3	5.9	3.1	.5	.0																											230	230	190	137	
32/ 31	1.2	4.3	1.7	.3																												160	160	215	182	
30/ 29	.7	4.9	1.3	.4																												156	156	182	170	
28/ 27	1.6	4.2	.7	.3																													146	146	205	118
26/ 25	.8	3.8	.6																														114	116	117	182
24/ 23	.7	3.7	.6																														111	112	118	161
22/ 21	.2	3.1	.7																														85	85	102	148
20/ 19	.6	2.0	.4																														64	66	89	91
18/ 17	.8	1.6	.1																														55	55	79	83
16/ 15	.3	1.6																															40	41	38	76
14/ 13	.2	1.1																															27	28	42	74
12/ 11	.1	.9																															22	22	19	60
10/ 9	.1	.5																															12	12	24	39
8/ 7	.1	.1																															5	5	8	37
6/ 5	.0	.1																															3	3	3	31
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-45,47-53,62-65,67-71 YEARS

MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
4/ 3	.4	.1																			10	10	10	27	
2/ 1																							1	1	17
0/ -1	.0	.0																				2	2	1	14
-2/ -3	.0	.1																				3	3	2	5
-4/ -5	.0	.1																				3	3	4	1
-6/ -7	.1																					3	3	4	
-8/ -9																									1
-10/-11	.0	.1																				1	1	2	3
-12/-13																								1	3
-14/-15																									2
-16/-17																									1
-18/-19																									1
-22/-23																									1
-28/-29																									1
TOTAL	12.4	54.6	20.9	6.9	2.8	1.9	.3	.1														2131	2136	2131	2131

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	13367425	166185	78.013833		2131	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2653750	70954	33.211790		2136	.6	44.8	.4				93
Wet Bulb	2290608	65934	30.810846		2131	.6	55.3					93
Dew Point	1835526	57008	26.812073		2131	1.4	66.7					93

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



DATA PROCESSING BRANCH  
 USAF AFAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

MAR  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
70/69			.0	.1	.0	.0	.1											7	7			
68/67			.0	.1	.1													4	4			
66/65			.1	.0	.1	.0		.0										8	8			
64/63			.2	.1	.1	.0		.0										10	10	3	1	
62/61		.1	.2	.2	.2	.0		.0										18	18	5	3	
60/59	.1	.1	.3	.3	.2	.2		.0	.0									34	34	14	5	
58/57		.2	.3	.2	.2	.1		.0	.0									24	24	18	8	
56/55		.4	.4	.1	.2	.3												30	30	23	15	
54/53	.1	.5	.4	.1	.0	.3	.1											38	38	32	23	
52/51	.0	.8	.6	.4	.3	.3	.0											58	58	34	29	
50/49	.2	.9	.8	.4	.2	.3	.1											67	67	42	33	
48/47	.3	.5	.6	.9	.3	.0	.0											60	60	51	39	
46/45	.3	1.3	1.2	.8	.3	.0												94	94	66	39	
44/43	.3	1.3	1.2	1.1	.1													94	94	78	48	
42/41	.2	1.8	1.1	.6	.3	.0												94	94	108	77	
40/39	.2	1.2	1.8	.7	.1													95	95	99	76	
38/37	.3	2.2	1.9	.7	.1													123	123	107	67	
36/35	.6	4.0	2.9	1.2	.2													192	192	149	99	
34/33	1.6	4.8	2.9	.4														228	228	192	157	
32/31	.9	4.7	2.9	.3														206	206	221	190	
30/29	1.0	4.5	1.9	.3														173	173	225	196	
28/27	1.1	3.4	1.2	.3														139	139	214	137	
26/25	.8	2.9	.6															100	102	125	195	
24/23	.2	2.8	.9															85	86	90	178	
22/21	.5	2.9	.7															95	95	106	112	
20/19	.3	2.1	.6															70	70	87	91	
18/17	.4	1.2	.2															43	43	71	96	
16/15	.3	1.6																45	45	46	86	
14/13	.3	1.1																33	33	46	69	
12/11	.0	.9	.0															22	22	20	64	
10/9	.2	.3																11	11	22	50	
8/7	.3	.1																9	9	13	37	
6/5	.3	.2																10	10	9	36	
4/3	.2	.0																6	6	8	37	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72  
STATION STATION NAME YEARS

MAR  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1	.0																	1	1	1	14
0/ -1	.1																	3	3	3	8
-2/ -3		.0																1	1		5
-4/ -5			.1															3	3	3	6
-6/ -7	.1	.1																5	5	5	3
-8/ -9																				1	1
-10/-11																					3
-12/-13																					1
-14/-15																					3
-18/-19																					2
TOTAL	11.2	48.9	25.0	9.1	3.2	1.8	.5	.2	.0									2338	2341	2338	2339
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	14227409	179441	76.7	13.959	2338	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	3083493	80185	34.3	12.000	2341	.5	42.2	.4				93									
Wet Bulb	2634746	74164	31.7	10.988	2338	.5	52.3					93									
Dew Point	2091704	63870	27.3	12.194	2339	1.3	64.4					93									

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

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				
82/ 81										.0								1	1						
78/ 77						.0			.1	.0								6	6						
76/ 75							.0	.2			.1	.1						9	9						
74/ 73						.0	.0	.1	.0	.1								8	8						
72/ 71			.0		.1	.3	.2	.1	.1	.0	.0							20	20						
70/ 69			.0	.0	.2	.4	.2	.1	.2	.2	.0							34	34						
68/ 67			.1	.1	.1	.3	.2	.3	.1	.1								29	29	3					
66/ 65			.0	.3	.3	.4	.3	.2	.0	.1								39	39	1	2				
64/ 63	.0	.2	.4	.3	.2	.3	.3	.3	.1	.0								44	44	10	1				
62/ 61		.2	.4	.5	.8	.3	.3	.3	.1	.1								59	59	29	3				
60/ 59		.2	.1	.3	.5	.7	.7	.2	.0	.0								64	64	31	7				
58/ 57		.2	.1	.4	.3	.3	.4	.3										50	50	49	20				
56/ 55		.3	.3	.5	.6	.7	.5	.1										70	70	42	28				
54/ 53		.3	.4	.7	.7	.7	.1	.1										69	69	57	29				
52/ 51		.7	.5	.8	.9	.6	.2	.1										92	92	79	35				
50/ 49	.0	.5	.5	.9	1.2	.7	.3											100	100	70	50				
48/ 47	.0	.6	.7	1.4	1.2	.5	.1											107	107	94	58				
46/ 45	.3	.8	.7	1.6	1.0	.6												120	120	105	61				
44/ 43	.3	.7	1.1	1.9	1.0	.3	.0											123	123	123	65				
42/ 41	.2	.6	1.4	1.5	1.0	.3												117	117	131	84				
40/ 39	.3	1.1	2.3	2.0	.9	.1												161	161	139	90				
38/ 37	.1	1.1	1.9	2.2	.5													136	136	146	102				
36/ 35	.2	2.7	2.8	1.4	.3	.0												178	178	179	137				
34/ 33	.3	2.3	3.0	1.3	.3													169	169	193	142				
32/ 31	.4	2.1	1.8	1.0	.0													125	125	217	209				
30/ 29	.3	1.6	1.3	.8														95	95	162	167				
28/ 27	.2	1.3	1.3	.3														70	70	106	139				
26/ 25	.3	1.5	1.3	.1														74	74	96	188				
24/ 23		.8	1.3	.1														52	52	82	176				
22/ 21	.0	.9	.6															37	37	50	97				
20/ 19	.1	.6	.5															29	29	50	74				
18/ 17		.8	.1															21	22	30	87				
16/ 15	.0	.0	.1															23	23	32	55				
14/ 13	.1	.3	.1															11	11	19	52				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

MAR  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		New Point		
12/ 11			.4	.0																10	10	14	55
10/ 9		.0	.1	.0																4	4	7	35
8/ 7		.0	.1																	4	4	2	32
6/ 5		.1	.0																	3	3	6	37
4/ 3			.0																	1	1	1	21
2/ 1		.0	.0																	2	2	2	10
0/ -1																						1	2
-2/ -3																							6
-4/ -5																							3
-6/ -7																							5
-8/ -9																							1
-12/-13																							1
TOTAL	3.4	23.5	24.8	20.2	12.2	8.1	3.8	2.2	.9	.6	.2	.1	.0								2366	2367	2366
Element (X)	Σx <sup>2</sup>	Σx	X	x <sub>a</sub>	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	10562103	152783	64.6	17.158	2366	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93											
Dry Bulb	4562230	98950	41.8	13.414	2367		22.1	4.2	.9	.0		93											
Wet Bulb	3495266	87012	36.8	11.174	2366	.0	34.5	.1				93											
Dew Point	2453052	70454	29.8	12.253	2366	.7	57.1					93											

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-45,47-53,62-72 YEARS

MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
86/ 85												.1						.0														3	3					
84/ 83												.0	.0	.0																		3	3					
82/ 81												.1	.1	.0	.1																	13	13					
80/ 79											.1	.2	.1	.1	.1	.1																21	21					
78/ 77								.0	.0	.1	.2	.1	.1	.1	.1	.1																20	20					
76/ 75								.1	.1	.4	.3	.3	.3	.1	.2	.2																	39	39				
74/ 73							.2	.1	.3	.6	.3	.3	.3	.3	.3																		54	54				
72/ 71				.0			.1	.2	.4	.3	.2	.3	.3	.1	.1																		39	39				
70/ 69			.0	.1	.3	.2	.3	.4	.2	.2	.2	.3																						46	46			
68/ 67			.0	.2	.3	.5	.1	.6	.3	.2	.1																							55	55	4		
66/ 65		.1	.0	.2	.3	.4	.5	.5	.4	.3	.1																							68	68	14		
64/ 63		.1	.1	.2	.3	.4	.5	.5	.4	.3	.1																							61	61	35	4	
62/ 61		.0	.0	.1	.2	.3	.4	.5	.4	.3	.0																							74	74	39	12	
60/ 59	.0	.0	.2	.4	.4	.6	.8	1.1	.3	.1	.0																							97	97	62	9	
58/ 57		.0	.1	.2	.3	.4	.5	.5	.3	.1																								70	70	63	25	
56/ 55	.0	.1	.2	.3	.4	1.0	.8	.8	.1																										89	89	67	23
54/ 53	.0	.3	.2	.3	.6	.0	1.1	.2																											83	83	88	36
52/ 51	.0	.5	.4	.7	.8	1.0	.9	.2																											109	109	89	50
50/ 49		.5	.3	1.1	1.2	1.4	.8	.1																											128	128	120	58
48/ 47	.3	.5	.6	.7	1.5	1.0	.5	.0																											121	121	124	66
46/ 45	.1	.5	.6	1.2	1.4	.8	.2	.0																											116	116	124	56
44/ 43	.2	.4	1.1	1.3	.8	.5	.0																												102	102	136	96
42/ 41	.2	.6	.8	1.8	1.1	.5	.0																												118	118	161	75
40/ 39		.9	1.4	1.6	1.4	.4	.0																												135	135	149	115
38/ 37	.2	.8	1.9	1.9	1.0	.3																													143	143	174	97
36/ 35	.3	1.6	1.5	1.2	.6	.1																													125	125	167	130
34/ 33	.1	1.2	1.4	.8	.4																														93	93	142	125
32/ 31	.3	.8	.8	.7	.3	.0																													69	69	156	206
30/ 29	.2	1.1	1.3	.7	.1																														81	81	114	181
28/ 27	.5	.8	.7	.6																															62	62	95	138
26/ 25	.2	.5	.9	.2	.0																														41	41	81	159
24/ 23		.6	.5	.1																															31	31	45	147
22/ 21	.0	.4	.3	.1																															20	20	48	120
20/ 19		.5	.2																																16	16	26	85
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72  
STATION STATION NAME YEARS

MAR  
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
18/ 17	.0	.2	.1																7	8	18	73														
16/ 15		.1	.1																4	4	11	62														
14/ 13		.1	.0																4	4	3	60														
12/ 11		.0																	1	1	5	46														
10/ 9		.2																	4	4	2	35														
8/ 7																					3	21														
6/ 5																						21														
4/ 3																						9														
2/ 1																						12														
0/ -1																						7														
-2/ -3																						1														
-4/ -5																						4														
-6/ -7																						1														
TOTAL	2.7	13.4	15.9	16.8	14.5	11.6	9.2	7.1	3.4	2.1	1.4	1.0	.5	.3	.0					2366		2365														
																			2365		2365															

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8199064	131272	55.5	19.649	2365							93
Dry Bulb	5912341	113157	47.8	14.547	2366		13.4	11.5	6.0	1.3		93
Wet Bulb	4147086	95488	40.4	11.108	2365		23.9	.2				93
Dew Point	2619248	73166	30.9	12.267	2365	.5	54.6					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

MAR  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb
86/85														.0			5	5	
84/83													.1	.0	.1		10	10	
82/81								.0	.1	.0	.1	.2	.1	.0		17	17		
80/79								.0	.1	.2	.3	.2	.1			25	25		
78/77								.0	.1	.2	.3	.1	.4	.1		35	35		
76/75						.1	.1	.3	.2	.3	.1	.3	.1			35	35		
74/73				.0	.1	.4	.2	.3	.2	.2	.1	.0				37	37		
72/71				.2	.3	.4	.3	.6	.3	.6	.1					62	62		
70/69			.1	.2	.4	.4	.2	.4	.2	.4	.2					61	61	1	
68/67			.1	.1	.4	.6	.4	.4	.3	.2	.0					63	63	6	
66/65			.0	.3	.6	.3	.6	.4	.4	.3	.1					67	67	11	
64/63			.0	.2	.5	.6	.5	.8	.3	.5	.1					84	84	28	
62/61		.1	.0	.3	.4	.7	1.1	.4	.4	.4						89	89	43	
60/59		.0	.1	.4	.7	.3	.7	.6	.0							69	69	64	
58/57		.2	.2	.3	.6	.8	.4	.5	.3	.1						79	79	70	
56/55		.2	.2	.2	.6	.8	1.3	.6	.3							99	99	82	
54/53		.3	.3	.3	.5	1.2	1.0	.5	.3							101	101	105	
52/51	.1	.5	.3	.6	.7	1.3	.9	.3								112	112	122	
50/49	.0	.5	.4	.6	1.6	1.4	.5	.3								126	126	118	
48/47	.2	.4	.8	1.0	1.2	.9	.4									117	117	107	
46/45	.1	.3	.6	1.1	.7	.8	.3									101	101	126	
44/43	.2	.3	.7	1.3	.7	.6	.3									97	97	174	
42/41	.2	.5	1.4	.9	1.3	1.1	.2									131	131	153	
40/39	.0	.7	1.5	1.7	.9	.7										132	132	151	
38/37	.1	1.1	1.8	1.6	.3	.3										121	121	151	
36/35	.3	.7	1.5	1.4	.4	.2										107	107	148	
34/33	.3	1.2	1.0	.8	.2											83	83	161	
32/31	.1	1.1	1.0	1.2	.3											85	85	148	
30/29	.2	1.1	.5	.5	.0											54	54	120	
28/27	.5	.7	.7	.3												50	50	88	
26/25	.0	.0	.7	.2												41	41	45	
24/23	.0	.6	.3	.1												24	24	51	
22/21	.0	.4	.2	.0												17	17	40	
20/19	.4	.1														13	13	23	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 MAR  
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
18/ 17	.0		.0																														2	2	13	74		
16/ 15		.2	.1																														7	7	2	80		
14/ 13		.0																															1	1	7	56		
12/ 11		.0																															1	1	2	40		
10/ 9																																		1	1	1	33	
8/ 7		.0																															1	1	1	27		
6/ 5	.1																																2	2	2	16		
4/ 3																																						12
2/ 1																																						8
0/ -1																																						6
-4/ -5																																						2
-6/ -7																																						2
TOTAL	2.5	12.3	14.7	15.4	12.4	13.6	9.7	6.0	5.0	3.3	2.1	1.2	1.1	.4	.2																		2363	2363	2364	2364		

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7838905	127075	53.8	20.624	2364	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	Total
Dry Bulb	6266975	116617	49.4	14.720	2363		11.7	13.8	6.5	1.6		93
Wet Bulb	4302988	97498	41.2	10.922	2364		21.4	.3				93
Dew Point	2647307	73683	31.2	12.182	2364	.4	52.4					93



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 39-45,47-53,62-72 YEARS

MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81																																		1	1		
80/ 79																																		6	6		
78/ 77																																		5	5		
76/ 75																																		16	16		
74/ 73																																		17	17		
72/ 71																																		27	27		
70/ 69																																		30	30		
68/ 67																																		31	31		
66/ 65																																		34	34		2
64/ 63																																		55	55		15
62/ 61																																		58	58		16
60/ 59																																		70	70		31
58/ 57																																		76	76		45
56/ 55																																		73	74		63
54/ 53																																		89	89		60
52/ 51																																		106	106		79
50/ 49																																		104	104		100
48/ 47																																		97	97		110
46/ 45																																		112	112		98
44/ 43																																		112	112		125
42/ 41																																		134	134		157
40/ 39																																		145	145		148
38/ 37																																		161	161		157
36/ 35																																		148	148		184
34/ 33																																		139	139		155
32/ 31																																		95	95		186
30/ 29																																		94	94		138
28/ 27																																		82	82		124
26/ 25																																		49	49		102
24/ 23																																		50	50		54
22/ 21																																		30	30		57
20/ 19																																		26	26		42
18/ 17																																		8	8		21
16/ 15																																		7	7		11
Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																									
Ref. 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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH YANS/SHERMAN AAF 39-45, 47-53, 62-72  
 STATION STATION NAME YEARS

MAR  
 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				
14/ 13		.3																6	6	6	61				
12/ 11		.0																1	1	6	51				
10/ 9	.0	.1																4	4	2	30				
8/ 7		.1																2	2	2	26				
6/ 5	.0																	1	1	3	21				
4/ 3	.1																	3	3	3	9				
2/ 1		.0																1	1		6				
0/ -1																				1	5				
-2/ -3		.0																1	1	1	1				
-4/ -5																					3				
-6/ -7																					1				
-8/ -9																					1				
-14/-15																					1				
TOTAL	3.4	22.1	23.1	16.9	12.4	8.7	5.3	3.0	2.2	1.2	.7	.2	.3	.0				2306	2307		2306				

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	9863283	144067	62.5	19.346	2306							
Dry Bulb	4804640	100652	43.6	13.308	2307	.0	18.5	5.4	1.8	.2		93
Wet Bulb	3579005	87459	37.9	10.661	2306	.1	30.6					93
Dew Point	2422147	69667	30.2	11.735	2306	.5	54.6					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37,39-45,47-53,62-72

MAR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
74/ 73						.0	.1	.1																							5	5				
72/ 71						.0	.3				.0	.0																			9	9				
70/ 69					.1	.1	.1	.0	.1	.0	.0																				13	13				
68/ 67				.0	.1	.1	.0	.3	.2																						19	19				
66/ 65				.0	.1	.1	.1	.1	.0	.0																					14	14				
64/ 63				.2	.2	.5	.0	.1	.1	.2																					30	30	5			
62/ 61	.1			.2	.5	.5	.1	.1	.3	.0																					43	43	13	3		
60/ 59		.2		.3	.3	.2	.2	.2	.3	.1																					36	36	22	7		
58/ 57		.1		.1	.3	.4	.3	.2	.2																						30	30	33	10		
56/ 55		.4		.7	.6	.3	.3	.3	.1																						61	61	33	12		
54/ 53	.1	.4		.3	.7	.6	.2	.3																							59	59	38	33		
52/ 51	.1	.6		.6	.6	.7	.5	.3	.0																						82	82	47	35		
50/ 49	.3	.3	1.3	.9	.5	.5	.2	.0																							92	92	71	55		
48/ 47	.1	.5	1.2	1.1	.6	.4	.0																								89	89	71	32		
46/ 45	.1	.3	1.1	1.7	.3	.2																									87	88	87	41		
44/ 43	.1	1.1	1.9	1.6	.5	.2																									126	126	93	47		
42/ 41	.3	1.7	1.6	1.0	.6	.1																									122	122	124	82		
40/ 39	.3	1.7	2.0	1.1	.5	.1																									130	130	163	105		
38/ 37	.0	1.6	2.8	1.1	.4	.0																									138	138	129	104		
36/ 35	.7	3.4	3.0	1.5	.4	.0																									208	208	164	151		
34/ 33	.3	3.2	3.0	.7	.1																										176	170	200	142		
32/ 31	.6	3.7	2.0	.8	.1																										165	165	195	187		
30/ 29	.4	3.1	1.6	.7																											132	132	190	179		
28/ 27	.4	2.5	1.5	.2																											107	108	153	126		
26/ 25	.5	2.3	1.2	.1																											95	98	127	174		
24/ 23	.2	1.4	.6	.1																											52	52	92	163		
22/ 21	.3	1.9	.4																												61	61	69	120		
20/ 19	.2	1.7	.4																												52	54	68	89		
18/ 17	.2	1.1	.1																												32	32	45	88		
16/ 15	.0	.5																													12	12	29	69		
14/ 13	.0	.5																													12	12	15	73		
12/ 11		.2																													4	4	10	51		
10/ 9																																	1	1	36	
8/ 7		.0																														1	1	1	34	
Element (X)	ΣX <sup>2</sup>	ΣX	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 37 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37, 39-45, 47-53, 62-72

MAR  
 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
6/ 5		.0															1	1		25
4/ 3	.2	.1															7	7	5	4
2/ 1	.1																3	3	6	3
0/ -1																				10
-2/ -3																				3
-4/ -5	.0																1	1	1	2
-6/ -7	.1																2	2	2	1
-8/ -9																				1
-10/-11																				3
-12/-13																				2
TOTAL	5.8	34.5	28.2	16.0	7.4	3.7	2.5	1.2	.4	.1	.1						2302	2309	2302	2302

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum	12103461	162613	70.6	16.368	2302							
Dry Bulb	3791549	89157	38.6	12.296	2309	.1	30.0	1.9	.2			93
Wet Bulb	3053818	80214	34.8	10.604	2302	.1	40.8					93
Dew Point	2273136	67166	29.2	11.671	2302	.9	58.3					93

USAF/ETAC  
 FORM 0-26-5 (OL A)  
 JUL 64  
 REVISED BY YOUR EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

39-45, 47-53, 62-71  
YEARS

APR  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
78/ 77				.0	.0																											2	2		
76/ 75				.2				.0																								5	5		
74/ 73				.0	.0	.2		.1	.0																						10	10			
72/ 71				.2	.4			.2	.0																						23	23	3		
70/ 69			.2	.5	.2	.1	.1	.0	.0																						25	25	3		
69/ 67		.0	.4	.4	.4	.5	.2	.0	.0	.0																					47	47	2		
66/ 65	.0	.1	.3	.3	.4	.3	.3	.1							.1																42	42	17		
64/ 63		.2	.7	.4	.6	.2	.3	.0																							52	52	32		
62/ 61	.0	.4	.7	.3	.7	.3	.2	.0	.0																						61	61	26		
60/ 59	.1	1.3	.7	.7	.5	.4	.2	.1																							99	99	66		
58/ 57	.2	1.8	.8	.5	.5	.7	.5	.1																							106	106	83		
56/ 55	.1	2.0	1.5	.8	.7	.4	.2																								125	125	90		
54/ 53	.3	1.3	1.5	1.2	.7	.4	.1																								119	119	113		
52/ 51	.4	2.2	1.4	1.0	.8	.3	.1	.1																							137	137	116		
50/ 49	.1	2.0	2.3	1.5	.6	.1	.0																								145	145	134		
48/ 47		2.1	1.8	1.0	.4	.1	.1																								119	119	150		
46/ 45	.2	3.2	2.0	2.0	.6	.0	.0																								173	173	102		
44/ 43	.1	2.9	2.4	1.1	.4	.0																									141	143	166		
42/ 41	.3	3.8	2.5	1.0	.2																										168	169	136		
40/ 39	.6	2.9	2.1	.7	.2	.2																									136	136	204		
38/ 37	.7	2.9	1.6	.4	.1	.1																									114	114	170		
36/ 35	.4	2.0	1.0	.7	.1																										91	91	124		
34/ 33	.0	1.6	1.2	.6																											73	73	101		
32/ 31	.1	1.3	.6	.1																											45	45	53		
30/ 29	.1	1.1	.7	.0																											43	43	83		
28/ 27		1.1	.0	.0																											25	25	52		
26/ 25	.0	.3	.1	.0																											12	12	32		
24/ 23		.0	.1	.0																											4	4	5		
22/ 21		.0	.0																												2	2	4		
20/ 19		.1																													2	2	7		
18/ 17																																1		11	
16/ 15																																		25	
14/ 13																																		6	
12/ 11																																		3	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF/ETA 3 20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-71

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
80/ 79									.0								1	1		
76/ 75				.1													3	3		
74/ 73			.0					.0									2	2		
72/ 71			.1	.2	.0	.1											10	10		
70/ 69			.3	.5	.1	.1	.2	.0	.0								27	27	4	
68/ 67			.2	.4	.1	.1	.1	.0									25	25	2	4
66/ 65		.2	.3	.3	.3	.1	.1	.1									30	30	15	2
64/ 63		.1	.3	.4	.3	.4	.1	.1									40	40	18	12
62/ 61	.0	.6	.2	.7	.5	.4	.1										54	54	27	17
60/ 59	.2	1.0	.7	.9	.5	.3		.0									80	80	47	28
58/ 57	.1	1.7	.6	.2	.6	.5	.2	.1									89	89	64	41
56/ 55	.4	2.3	1.3	.6	.7	.3	.0										123	123	86	66
54/ 53	.4	1.8	1.1	1.1	.7	.2	.1										119	119	119	90
52/ 51	.5	1.9	1.1	1.1	.8	.1		.0									122	122	115	83
50/ 49	.5	2.3	1.4	1.7	.4	.2	.1										144	144	130	96
48/ 47	.3	2.5	1.8	1.1	.3												133	133	118	106
46/ 45	.2	3.4	1.6	1.2	.4	.0	.0										148	149	150	114
44/ 43	.3	3.6	2.9	.5	.3	.0											161	163	189	121
42/ 41	.7	3.5	1.9	.6	.1												149	149	163	173
40/ 39	.6	2.9	3.0	.5	.1												157	157	171	168
38/ 37	.5	3.3	2.1	.5	.1	.0											143	143	150	171
36/ 35	.2	3.1	1.7	.3	.1												118	118	159	143
34/ 33	.5	2.2	1.6	.5													105	105	126	151
32/ 31	.2	1.3	.8	.6	.0												65	65	94	138
30/ 29	.5	1.4	.5														52	52	84	124
28/ 27	.1	1.1	.1														28	28	61	56
26/ 25	.3	1.0	.2														32	32	48	75
24/ 23	.1	.3	.1														10	10	20	71
22/ 21		.3	.1														8	8	8	47
20/ 19		.2															4	4	9	15
18/ 17		.0															1	1	6	34
16/ 15																				13
14/ 13																				17
12/ 11																				4
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-71

APR  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL																																																																																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																														
4 / 3	6.5	4.2	1.2	5.7	14.0	6.9	3.1	1.1	.5	.1	.0											2183	2186	2183	3																																																																										
TOTAL																2183		2183		2183																																																																															
<table border="1"> <thead> <tr> <th>Element (X)</th> <th><math>\Sigma x^2</math></th> <th><math>\Sigma x</math></th> <th><math>\bar{x}</math></th> <th><math>s_x</math></th> <th>No. Obs.</th> <th colspan="6">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th><math>\leq 0\text{ F}</math></th> <th><math>\leq 32\text{ F}</math></th> <th><math>\geq 67\text{ F}</math></th> <th><math>\geq 73\text{ F}</math></th> <th><math>\geq 80\text{ F}</math></th> <th><math>\geq 93\text{ F}</math></th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>13760759</td> <td>170411</td> <td>78.114</td> <td>4.88</td> <td>2183</td> <td></td><td></td><td></td><td></td><td></td><td></td> <td>90</td> </tr> <tr> <td>Dry Bulb</td> <td>4846803</td> <td>100365</td> <td>45.910</td> <td>4.54</td> <td>2186</td> <td></td><td>8.2</td><td>2.8</td><td>.2</td><td></td><td></td> <td>90</td> </tr> <tr> <td>Wet Bulb</td> <td>4172288</td> <td>93104</td> <td>42.6</td> <td>9.608</td> <td>2183</td> <td></td><td>13.6</td><td>.2</td><td></td><td></td><td></td> <td>90</td> </tr> <tr> <td>Dew Point</td> <td>3565417</td> <td>85118</td> <td>39.010</td> <td>6.35</td> <td>2183</td> <td></td><td>24.6</td><td>.2</td><td></td><td></td><td></td> <td>90</td> </tr> </tbody> </table>																						Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total							$\leq 0\text{ F}$	$\leq 32\text{ F}$	$\geq 67\text{ F}$	$\geq 73\text{ F}$	$\geq 80\text{ F}$	$\geq 93\text{ F}$		Rel. Hum.	13760759	170411	78.114	4.88	2183							90	Dry Bulb	4846803	100365	45.910	4.54	2186		8.2	2.8	.2			90	Wet Bulb	4172288	93104	42.6	9.608	2183		13.6	.2				90	Dew Point	3565417	85118	39.010	6.35	2183		24.6	.2				90
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																																																																																							
						$\leq 0\text{ F}$	$\leq 32\text{ F}$	$\geq 67\text{ F}$	$\geq 73\text{ F}$	$\geq 80\text{ F}$	$\geq 93\text{ F}$																																																																																								
Rel. Hum.	13760759	170411	78.114	4.88	2183							90																																																																																							
Dry Bulb	4846803	100365	45.910	4.54	2186		8.2	2.8	.2			90																																																																																							
Wet Bulb	4172288	93104	42.6	9.608	2183		13.6	.2				90																																																																																							
Dew Point	3565417	85118	39.010	6.35	2183		24.6	.2				90																																																																																							

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



DATA PROCESSING BRANCH  
 USAF ETA.  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

APR MONTH YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.0													1	1		
76/ 75				.1	.0													4	4		
74/ 73				.1	.0					.0								5	5		
72/ 71			.1	.2	.3	.1	.1	.0										20	20	2	
70/ 69		.0	.1	.5	.0	.3	.2	.0	.0									30	30	3	
68/ 67		.1	.2	.4	.6	.2	.1											33	33	8	4
66/ 65		.1	.6	.5	.6	.5	.2	.1										60	60	15	6
64/ 63		.2	.7	.9	.8	.3	.1	.1										71	71	24	14
62/ 61	.0	.6	.6	.8	.5	.5	.1											71	71	38	24
60/ 59	.2	1.3	.6	.8	.6	.4	.3											96	96	76	33
58/ 57	.3	1.8	.9	.7	.8	.5	.1		.0									126	126	106	74
56/ 55	.2	2.2	1.2	1.1	.7	.4	.0		.0									136	136	108	78
54/ 53	.3	1.7	1.3	1.8	.6	.3	.1	.1										143	146	138	108
52/ 51	.2	2.0	2.0	1.4	.7	.2	.1											154	154	119	99
50/ 49	.6	1.8	1.8	1.4	.8	.2												153	154	145	126
48/ 47	.2	1.7	1.5	1.5	.8	.2												137	138	170	112
46/ 45	.2	2.7	2.5	1.8	.5	.1												175	175	156	117
44/ 43	.3	2.8	2.6	1.3	.4	.0												173	174	173	156
42/ 41	.5	2.5	2.2	1.2	.3	.0												158	158	179	165
40/ 39	.3	1.6	2.8	1.0	.2	.0												141	142	197	152
38/ 37	.3	1.7	1.7	1.2	.1													118	118	145	159
36/ 35	.3	1.9	1.6	.9	.1													112	112	146	178
34/ 33	.1	.9	1.4	.5														67	67	98	129
32/ 31	.2	.9	.6	.3														46	46	95	145
30/ 29	.2	1.1	.5	.0														43	43	75	108
28/ 27	.0	.5	.0															13	13	51	79
26/ 25	.1	.4	.0	.0														14	14	26	62
24/ 23	.0	.3																8	8	12	75
22/ 21		.1	.0															4	4	5	42
20/ 19		.1																3	3	5	20
18/ 17																				2	24
16/ 15																					10
14/ 13																					13
12/ 11																					3
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
6/ 5																				1
4/ 3																				1
TOTAL	5.0	31.0	27.7	20.2	9.7	4.4	1.4	.4	.1	.0								2324	2317	2317
																		2317	2317	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13535230	173686	75.0	14.918	2317							
Dry Bulb	5644012	111988	48.2	10.324	2324		5.1	3.7	.4			90
Wet Bulb	4756569	102629	44.3	9.539	2317		10.5	.5				90
Dew Point	3995744	92920	40.1	10.784	2317		22.6	.2				90

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0900-1100

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
20/ 19																					17					
18/ 17																					12					
16/ 15																					10					
14/ 13																					8					
12/ 11																					4					
10/ 9																					4					
8/ 7																					1					
6/ 5																					1					
TOTAL	.9	2.8	16.3	16.2	15.3	15.5	10.6	5.6	3.7	1.8	1.0	.3						2341	2344	2341	2341					

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	9429826	142178	60.7	18.430	2341							
Dry Bulb	7783384	132596	56.6	10.984	2344		.5	18.7	6.9	.7		90
Wet Bulb	5854070	115072	48.2	9.192	2341		3.0	1.9	.1			90
Dew Point	4403175	98041	41.9	11.270	2341		19.4	.2				90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

YEARS

APR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
94/ 93																					1	1			
92/ 91																						3	3		
90/ 89																						6	6		
88/ 87																						8	8		
86/ 85																						24	24		
84/ 83																						32	32		
82/ 81																						50	50		
80/ 79																						77	77		
78/ 77																						85	85	1	
76/ 75																						93	94	1	1
74/ 73																						99	99	6	
72/ 71																						133	134	12	
70/ 69																						142	143	29	3
68/ 67																						147	147	51	10
66/ 65																						121	121	96	17
64/ 63																						127	127	112	38
62/ 61																						128	128	137	56
60/ 59																						152	152	161	89
58/ 57																						120	120	188	100
56/ 55																						127	127	156	93
54/ 53																						127	127	147	110
52/ 51																						102	102	163	113
50/ 49																						81	81	187	135
48/ 47																						79	79	193	110
46/ 45																						65	65	173	113
44/ 43																						77	77	132	126
42/ 41																						57	57	128	143
40/ 39																						29	29	94	165
38/ 37																						25	25	57	153
36/ 35																						18	18	53	171
34/ 33																						3	3	31	128
32/ 31																						3	3	26	94
30/ 29																						4	4	8	81
28/ 27																								3	76
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 84 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR  
 MONTH

YEARS

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	
26/ 25																					67	
24/ 23																					50	
22/ 21																					35	
20/ 19																					13	
18/ 17																					17	
16/ 15																					15	
14/ 13																					13	
12/ 11																					8	
10/ 9																					2	
TOTAL	.7	7.9	9.6	11.5	11.2	12.6	12.7	12.3	8.0	5.9	3.4	2.3	1.4	.3	.1					2348	2345	
																					2345	2345

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7389375	122963	52.420	0.043	2345							
Dry Bulb	9329982	145360	61.912	0.009	2348		.3	34.6	18.4	6.4	.0	90
Wet Bulb	6471785	121315	51.7	9.138	2345		1.4	3.8	.3			90
Dew Point	4509602	99108	42.311	1.701	2345		18.1	.5	.0			90

USAFETAC FORM 0-76-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																		
94/ 93																																		1	1			
92/ 91																																		5	5			
90/ 89																																		11	11			
88/ 87																																		20	20			
86/ 85																																		31	31			
84/ 83																																		35	35			
82/ 81																																		79	79			
80/ 79																																		65	65			
78/ 77																																		87	87	4		
76/ 75																																		86	89	4	1	
74/ 73																																		110	110	2	3	
72/ 71																																		128	128	5	4	
70/ 69																																		159	159	29	3	
68/ 67																																		142	142	58	2	
66/ 65																																		122	122	92	11	
64/ 63																																		143	143	130	29	
62/ 61																																		147	147	150	56	
60/ 59																																		172	172	148	100	
58/ 57																																		122	122	165	100	
56/ 55																																		108	108	182	94	
54/ 53																																		91	91	169	107	
52/ 51																																		85	85	179	110	
50/ 49																																		61	61	203	132	
48/ 47																																		95	95	207	127	
46/ 45																																		82	82	164	117	
44/ 43																																		51	51	109	111	
42/ 41																																		33	33	99	157	
40/ 39																																		23	23	72	152	
38/ 37																																		18	18	78	181	
36/ 35																																		21	21	42	156	
34/ 33																																		5	5	35	85	
32/ 31																																		7	7	7	122	
30/ 29																																			7	7	7	105
28/ 27																																			5	5	5	58
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature										Total																				
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS

APR MONTH

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

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
26/ 25																				70
24/ 23																				39
22/ 21																				35
20/ 19																				19
18/ 17																				21
16/ 15																				20
14/ 13																				12
12/ 11																				6
4/ 3																				1
TOTAL	.7	8.6	7.9	10.1	9.1	11.7	12.2	12.4	10.1	6.6	4.9	2.3	2.0	.8	.6			2345	2348	2344
																		2345		2345

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7095095	119105	50.8	21.121	2345							90
Dry Bulb	9673824	148034	63.0	12.049	2348		.3	36.9	20.4	8.4	.0	90
Wet Bulb	6570351	122443	52.2	8.885	2345		.7	3.9	.4			90
Dew Point	4487378	98034	42.2	11.688	2344		19.5	.5	.2			90

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



DATA PROCESSING BRANCH  
US ATAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 PORT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-72

APR

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
90/ 89											.0							1	1		
88/ 87									.0		.0							2	2		
86/ 85							.0		.1		.0	.1	.0	.0				9	9		
84/ 83						.0	.1		.0	.1		.0	.0	.0				8	8		
82/ 81					.0	.1	.1		.1	.2		.1	.3	.1				25	25		
80/ 79				.0	.1	.1	.2	.3	.1	.2	.1	.2	.1	.0	.0			32	32		
78/ 77					.1	.2	.2	.4	.1	.2	.1	.2	.0					37	37		
76/ 75				.0	.1	.5	.5	.4	.4	.4	.1	.2	.1					63	63		
74/ 73				.1	.3	.3	.3	.2	.3	.3	.2	.1						50	50	3	
72/ 71			.1	.3	.5	.3	.4	.5	.4	.3	.2	.1	.0					71	71	6	1
70/ 69			.3	.7	.5	.8	.6	.7	.3	.3	.2							104	104	16	2
68/ 67		.0	.3	.5	.8	.5	.7	1.0	.6	.3	.0	.0						115	115	27	6
66/ 65		.2	.6	.8	.6	.5	1.0	.6	.6	.2	.2							121	121	54	13
64/ 63	.1	.3	.9	.6	.4	1.0	1.3	.6	.3	.0								131	131	82	26
62/ 61		.8	1.0	.7	.6	.8	1.0	.8	.4	.2								140	140	95	49
60/ 59	.0	.8	.7	.8	1.2	1.2	1.0	.8	.2	.1								159	159	133	74
58/ 57	.1	.9	.9	1.2	1.4	1.3	1.3	.4	.1	.0								179	179	134	86
56/ 55	.1	.8	1.0	1.3	1.0	1.1	.9	.4	.0									153	153	150	98
54/ 53	.1	1.1	.9	1.0	1.1	1.3	.4	.2	.0									143	144	176	101
52/ 51	.3	1.0	.7	.8	.9	1.0	.4	.0										118	118	188	102
50/ 49	.1	.9	1.4	1.3	1.1	.4	.1	.1										127	127	205	109
48/ 47	.1	.8	.7	.9	1.0	.4	.4	.0										102	102	183	133
46/ 45		.8	1.0	1.0	.3	.4	.2											85	85	176	141
44/ 43	.1	1.2	1.0	1.0	.5	.2	.1											98	98	152	136
42/ 41	.2	1.1	.9	.6	.5	.0												77	77	130	152
40/ 39	.2	.3	.8	.7	.4	.0												59	59	106	162
38/ 37	.2	.6	.5	.3	.1	.0												39	39	81	138
36/ 35	.1	.9	.3	.2														35	35	79	178
34/ 33		.2	.3	.2	.0													17	17	68	134
32/ 31		.2	.1	.1	.0													10	10	23	117
30/ 29		.0	.1	.0														4	4	13	99
28/ 27																				8	62
26/ 25		.0																1	1	5	64
24/ 23																				2	28

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-45,47-53,62-72 YEARS

APR 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	
22/ 21																					25	
20/ 19																					33	
18/ 17																					18	
16/ 15																					13	
14/ 13																					10	
12/ 11																					3	
8/ 7																					2	
TOTAL	1.8	13.0	1*.6	15.3	13.3	12.4	11.6	7.6	4.4	3.0	1.3	1.2	.4	.1						2315	2315	
																					2315	2315

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	9147226	137806	59.5	20.198	2315							
Dry Bulb	7945592	133096	57.5	11.323	2316		.6	20.1	8.8	2.1		90
Wet Bulb	5870744	114700	49.5	9.008	2315		2.0	2.0	.1			90
Dew Point	4340498	96848	41.8	11.173	2315		18.4	.3				90

USAFETAC FORM 0-25-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921  
 STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
 STATION NAME

36-45,47-53,62-72  
 YEARS

APP  
 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
14/ 13																					7
12/ 11																					2
10/ 9																					1
8/ 7																					3
6/ 5																					1
TOTAL	3.4	23.9	23.3	20.7	11.8	7.9	4.8	2.7	1.2	.5	.1	.0						2244		2237	
																		2237		2237	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0^\circ$	$\leq 32^\circ F$	$\geq 67^\circ F$	$\geq 73^\circ F$	$\geq 80^\circ F$	$\geq 93^\circ F$	
Rel. Hum.	11578015	155993	69.7	17.695	2237							
Dry Bulb	6196439	115493	51.5	10.606	2244		2.5	7.9	2.2	.1		90
Wet Bulb	5000110	103670	46.3	9.355	2237		6.6	.7				90
Dew Point	4029064	91712	41.0	6.970	2237		19.9	.2				90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FUPT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71 MAY  
STATION STATION NAME YEARS MONTH  
 PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb Dew Point
88/ 87					.0													1	1	
82/ 81					.0	.1												4	4	
90/ 79					.1	.1	.0	.0										2	2	1
78/ 77			.0	.3	.1	.1	.0	.0										14	14	
76/ 75			.4	.6	.4	.4	.4	.2		.1								55	55	1
74/ 73		.2	.4	.6	.6	.6	.4	.2	.0									71	71	7
72/ 71		.2	.6	1.0	1.2	.7	.4	.0										90	90	27
70/ 69		.5	1.0	1.2	.7	.1	.2	.0	.0									86	86	37
68/ 67		1.2	1.9	1.2	.5	.5	.1	.1	.0									124	124	73
66/ 65	.1	1.9	1.9	1.2	.9	.2	.3	.0	.1									142	142	111
64/ 63	.3	2.4	1.7	1.0	.5	.5	.4	.0										155	155	159
62/ 61	.5	2.8	1.6	.9	.6	.4	.0											156	156	180
60/ 59	.8	3.3	1.4	1.5	.5	.4	.3	.1										187	187	185
58/ 57	.5	3.8	2.0	.5	.5	.0	.1											165	166	169
56/ 55	.4	3.4	1.9	.7	.7	.3	.0											157	157	181
54/ 53	.5	3.2	1.9	.8	.4	.1												146	146	178
52/ 51	.6	3.6	1.7	.7	.2													151	151	167
50/ 49	1.1	2.9	1.1	.8	.0													134	134	189
48/ 47	.9	1.9	1.3	.4	.2													110	110	140
46/ 45	.4	2.2	.7	.4														82	82	124
44/ 43	.4	3.4	.7	.2														84	89	92
42/ 41	.6	1.6	.5	.0														61	62	99
40/ 39	.3	.7	.2	.1	.0													30	30	58
38/ 37	.1	.5	.1															16	16	27
36/ 35	.2	.2	.1	.1														13	15	21
34/ 33	.1	.2	.0															7	7	11
32/ 31		.1		.0														3	3	6
30/ 29																				3
28/ 27																				1
26/ 25																				
24/ 23																				2
22/ 21																				3
18/ 17																				1

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

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

YEARS

MAY  
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	DB/W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	7.8	39.0	22.7	14.2	7.9	4.5	2.6	.8	.3	.1								2246	2251	2246	2246
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	15164373	181807	80.9	14.121	2246	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	7726020	130096	57.8	9.595	2251		.1	18..	6.1	.3		93									
Wet Bulb	6770284	121826	54.2	8.502	2246		.4	6.0	.3			93									
Dew Point	6150089	115749	51.5	9.075	2246		1.5	3.4	.0			93									

USAF/ETAC FORM NO. 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

MAY  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79					.0	.0												2	2		
78/ 77				.1	.0													4	4		
76/ 75				.3	.1													8	8		
74/ 73		.2	.3	.5	.4	.3	.1	.0										42	42		
72/ 71		.4	.6	.7	.4	.5	.1	.0	.0									64	64	17	
70/ 69	.0	.8	1.4	.9	.4	.2	.1	.1										88	88	32	
68/ 67	.2	1.7	1.7	1.4	.4	.2	.0	.0	.0									129	129	50	
66/ 65	.1	2.1	1.8	.7	.2	.0	.1	.0	.1	.0								118	118	119	
64/ 63	.3	2.5	1.9	.4	.3	.2	.1											134	134	138	
62/ 61	.8	3.5	1.9	.6	.6	.2	.1											173	173	163	
60/ 59	.6	3.6	1.7	1.0	.5	.2	.1											178	178	181	
58/ 57	.7	3.0	2.4	.7	.4	.2	.1	.1										171	172	171	
56/ 55	1.1	4.0	1.9	.7	.2	.1	.0	.0										178	178	185	
54/ 53	.8	3.1	1.8	.9	.3	.2												162	162	173	
52/ 51	1.1	3.1	1.4	.7	.6													159	159	173	
50/ 49	1.4	3.0	1.7	1.0	.2													169	169	175	
48/ 47	1.1	2.4	1.6	.3	.0													127	127	154	
46/ 45	1.1	2.0	.4	.3														89	90	145	
44/ 43	.5	3.3	.7	.0														104	105	126	
42/ 41	.8	1.4	.7	.1														69	71	112	
40/ 39	.9	1.3	.4	.1	.0													64	66	80	
38/ 37	.5	.8	.0	.1														33	33	43	
36/ 35	.1	.6																15	15	29	
34/ 33	.3	.2																11	13	18	
32/ 31	.0	.2	.1															8	9	9	
30/ 29	.0	.1																4	4	6	
28/ 27																				4	
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
TOTAL	12.5	43.4	24.1	11.5	5.0	2.4	.6	.3	.2	.0								2303	2313	2303	

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	Nc. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	16821567	194693	84.5	12.548	2303	≤ 0 F	≤ 32 F	≥ 7 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7389412	128906	55.7	9.424	2313		.5	13.5	2.3	.0		93
Wet Bulb	6648362	122104	53.0	8.706	2303		.8	4.0				93
Dew Point	6155127	117145	50.9	9.237	2303		1.9	2.7				93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	31	Dry Bulb	Wet Bulb
82/ 81				.0	.0	.0											3	3		
80/ 79				.1	.1	.0	.0										8	8		
78/ 77			.1	.5	.3	.1		.0									25	25		
76/ 75			.7	.5	.7	.3		.0			.0						54	54	1	
74/ 73		.1	.5	1.1	.7	.6	.2	.0	.0								83	83	14 2	
72/ 71		.4	.9	1.6	.9	.6	.1	.0	.0								112	112	42 12	
70/ 69		.6	1.6	1.6	.9	.5	.2	.0									132	132	50 47	
68/ 67		1.2	1.8	1.8	.8	.5	.4	.0	.1								159	158	96 49	
66/ 65	.2	1.3	3.3	1.2	.5	.7	.2	.1	.0								183	183	143 76	
64/ 63	.2	2.0	2.1	1.4	.8	.3	.1	.1									171	171	180 127	
62/ 61	.4	2.9	1.9	1.7	1.0	.9	.1	.0									215	215	204 175	
60/ 59	.5	3.0	2.5	1.4	.6	.3	.1										203	203	195 217	
58/ 57	.7	2.3	1.9	1.5	1.1	.3	.1										192	192	214 181	
56/ 55	.7	2.7	2.0	1.2	.8	.4	.0										190	191	219 208	
54/ 53	.6	2.5	1.6	1.4	.6	.1											157	169	193 181	
52/ 51	.9	1.9	1.3	1.1	.5		.0										147	149	209 169	
50/ 49	.4	1.6	1.0	1.1	.5												112	113	157 183	
48/ 47	.3	1.2	.9	.5	.1												74	77	146 156	
46/ 45	.2	1.3	.9	.3	.1	.0											71	72	103 130	
44/ 43	.2	.9	.6	.2		.0											49	49	104 116	
42/ 41	.3	.7	.4	.2	.0												39	41	60 106	
40/ 39	.1	.4	.2	.1	.0												21	23	45 98	
38/ 37	.0	.2	.1	.1													12	13	25 66	
36/ 35	.1	.2	.1														9	9	18 69	
34/ 33	.1	.0	.1														5	5	12 20	
32/ 31																			2 17	
30/ 29	.1																2	2	5 11	
28/ 27																				7
26/ 25																				6
24/ 23																				3
22/ 21																				2
20/ 19																				1
18/ 17																				2
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 PORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-

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				
90/ 89								.0	.0	.0								3	3						
88/ 87					.0			.1	.2									10	10						
86/ 85				.0	.2	.1		.2	.3	.0								20	20						
84/ 83				.0	.4	.4	.5	.5	.4	.1	.0				.1			59	59						
82/ 81				.2	.7	.5	1.1	.9	.4	.2	.1	.0	.0					103	103						
80/ 79			.2	.5	.9	.8	1.1	.7	.7	.2	.3			.1				132	132	2					
78/ 77			.0	.6	1.1	1.1	1.3	.8	.5	.2	.2							164	164	1	2				
76/ 75	.0		.3	.8	1.6	1.6	1.1	1.0	.4	.3	.2							181	181	40	2				
74/ 73		.2	.4	1.3	1.3	1.3	.9	.7	.5	.4	.2							178	178	50	18				
72/ 71		.0	.8	1.6	1.3	1.2	1.0	.7	.4	.3	.1							179	179	83	39				
70/ 69		.2	1.0	1.5	1.2	.9	.9	.9	.6	.1	.1							179	179	147	50				
68/ 67		.2	1.3	1.5	1.2	.9	1.0	.6	.5	.1								178	178	199	89				
66/ 65	.1	.6	1.5	.8	1.3	1.5	1.2	.7	.2	.0								194	194	225	112				
64/ 63	.1	.4	1.3	.9	.9	1.1	.4	.6	.1									145	145	200	183				
62/ 61	.2	.7	.9	.7	1.2	.9	.7	.4	.0									139	139	210	199				
60/ 59	.2	.9	.9	.8	1.1	.6	.4	.2										122	122	186	186				
58/ 57	.2	1.1	.4	.9	.7	.6	.4	.0										108	108	200	198				
56/ 55	.2	1.1	1.0	1.0	.6	.6	.1	.0										114	114	204	144				
54/ 53	.2	.9	.5	.6	.6	.3	.1											77	77	187	162				
52/ 51	.2	.5	.4	.5	.3	.2	.1											53	53	154	151				
50/ 49		.3	.3	.4	.2	.2	.0											35	35	110	143				
48/ 47		.4	.2	.2	.2	.1												27	27	83	131				
46/ 45		.2	.3	.2	.1	.1												24	24	62	154				
44/ 43		.2	.2	.2	.0	.0												16	16	40	99				
42/ 41		.1	.1	.0	.0													7	7	29	85				
40/ 39			.0	.1														3	3	20	75				
38/ 37																				11	65				
36/ 35																				4	65				
34/ 33																				3	29				
32/ 31																					29				
30/ 29																					18				
28/ 27																					7				
26/ 25																					9				
24/ 23																					1				
Element (X)	Σ X'	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	Dry Bulb	Wet Bulb		Dew Point						
22 / 21																											4	
20 / 19																											1	
TOTAL	1.4	7.8	12.2	15.4	17.1	15.7	12.7	9.0	5.2	2.0	1.2	.3	.2													2450	2450	2450

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10258913	153145	62.5	16.738	2450							
Dry Bulb	11432619	165703	67.6	9.595	2450			52.6	32.3	9.7		93
Wet Bulb	8786424	145330	59.3	8.202	2450			19.8	3.5			93
Dew Point	7237934	130798	53.4	10.205	2450		2.6	7.6	.8			93

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY  
MONTH

PAGE : 1200-1400  
DURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	ΣL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
96/95											.0	.0																			2	2				
94/93											.1	.2											.1	.1							4	4				
92/91										.0	.2	.3	.5	.3								.0	.1	.1						17	17					
90/89							.0	.2	.3	.3	.3	.3	.3	.2	.0	.0					.0	.0	.0				.0		39	39						
88/87						.0	.1	.3	.4	.7	.6	.7	.2	.0	.0	.1													80	80						
86/85					.2	.6	.9	.9	1.1	.9	.8	.1	.1	.2	.1														140	140						
84/83				.0	.5	.6	1.1	1.5	1.1	.9	.5	.3	.2	.1															167	167						
82/81				.0	.2	1.0	1.1	1.1	.8	1.0	.6	.4	.2	.1															163	164						
80/79				.4	.7	1.1	1.5	2.0	.8	.5	.5	.4	.2	.1															202	202	3					
78/77			.1	.4	.9	1.5	1.2	1.1	.8	.7	.2	.2	.2																179	179	15	3				
76/75			.2	.7	.9	1.2	1.0	.8	.8	.7	.4	.2	.1																173	173	53	6				
74/73			.2	.6	.7	.9	.6	1.0	1.1	.6	.5	.1																	153	153	83	12				
72/71		.1	.4	.6	1.2	.0	1.1	1.1	1.0	.7	.1																		165	165	153	45				
70/69		.1	.4	1.1	.8	.6	.9	1.2	.9	.6																			157	157	210	79				
68/67		.3	.5	.8	.7	.7	1.0	.4	.6	.1																			124	124	217	88				
66/65		.2	.3	.9	.8	1.1	1.1	.7	.6	.1																			141	141	226	125				
64/63	.0	.4	.7	.7	.2	1.0	.5	.5	.4																				108	108	196	187				
62/61	.2	.2	.4	.5	.4	.6	.4	.2	.2																				79	79	165	169				
60/59	.1	.5	.4	.5	.7	.4	.3	.2																					78	78	209	194				
58/57	.2	.6	.6	.4	.5	.3	.4	.2	.0																				80	80	193	172				
56/55	.1	1.0	.1	.5	.4	.2	.2	.1																					64	64	197	148				
54/53	.0	.8	.4	.2	.4	.3	.2	.1																					59	59	170	155				
52/51		.3	.1	.2	.1	.1	.1																						22	22	115	143				
50/49	.0	.2	.2	.2	.1	.0																							22	22	80	122				
48/47	.0	.2	.2	.2	.1	.0																							17	17	59	152				
46/45	.0	.0	.2	.1																									7	7	47	136				
44/43	.0	.2	.1																										9	9	28	103				
42/41				.0																									1	1	22	87				
40/39			.0	.0																									2	2	10	64				
38/37																																	75			
36/35																															3	57				
34/33																																45				
32/31																																34				
30/29																																21				
Element (X)	ΣX <sup>2</sup>	ΣX	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ		
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY

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																		
28/27																																								16
26/25																																							8	
24/23																																							3	
22/21																																							4	
20/19																																						1		
TOTAL	5.8	5.1	5.6	9.0	10.5	12.8	14.1	13.5	11.3	8.1	4.8	2.4	1.1	.7	.1	.0																						2455	2454	
																																							2454	2454

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

Element (X)	Σ X <sup>2</sup>	Σ X	X̄	Σ x <sup>2</sup>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	7941669	132477	54.0	17,946	2454							
Dry Bulb	13162095	177979	72.5	10,278	2455			66.9	50.0	27.0	.2	93
Wet Bulb	9345633	150133	61.2	8,093	2454			27.8	5.8	.0		93
Dew Point	7267302	130944	53.4	10,688	2454		3.3	8.8	.8			93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY

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															
96/ 95										.0																							1	1			
94/ 93										.1	.1	.1	.0																					10	10		
92/ 91										.0	.3	.3	.2	.2	.1																			35	35		
90/ 89										.2	.2	.3	.5	.6	.3	.2	.0	.1	.1															61	61		
88/ 87							.0	.2	.3	.5	.4	.8	.7	.8	.3	.1																		103	103		
86/ 85					.0	.1	.6	.9	.9	1.7	1.1	.8	.3	.1	.2	.1																		168	168		
84/ 83					.3	.4	.7	1.1	1.3	1.2	1.2	.9	.7	.4	.2	.1	.0																	150	150		
82/ 81	.0			.1	.4	.6	1.1	1.2	1.2	1.2	.9	.8	.5	.3	.2	.1																		185	185		
80/ 79		.0	.2	.7	1.2	1.2	.7	1.0	.6	.6	.4	.3	.1																					174	174	4	2
78/ 77		.1	.2	.8	1.1	1.3	1.2	.9	.7	.3	.2	.1																						170	170	24	2
76/ 75			.4	1.0	1.1	.8	1.0	.8	1.1	.7	.2	.1																						176	176	51	1
74/ 73			.9	.4	1.0	.6	1.3	1.0	.7	.7	.2	.1																						169	169	89	23
72/ 71			.2	1.0	.6	.5	.7	.8	.5	.6	.2																							127	127	131	36
70/ 69		.2	.7	.4	.7	.5	.7	1.0	.7	.7	.0																							143	143	210	67
68/ 67		.3	.7	.5	.6	.4	1.2	.7	.4	.3																								139	139	231	88
66/ 65	.0	.3	.8	.8	.7	.9	.6	.8	.8	.1																								148	148	238	142
64/ 63		.3	.5	.5	.4	.6	.6	.3	.3																									88	88	206	170
62/ 61	.1	.6	.6	.5	.7	.5	.2	.4	.0																									88	88	174	179
60/ 59	.0	.6	.7	.4	.2	.3	.1	.2	.2																									67	67	215	171
58/ 57	.2	.4	.4	.2	.5	.3	.4	.2	.0																									69	69	196	171
56/ 55	.1	.8	.4	.4	.3	.2	.1	.1																										58	58	206	158
54/ 53	.0	.7	.4	.3	.1	.2	.1																											44	44	141	172
52/ 51		.4	.0	.2	.2	.1																												23	23	114	148
50/ 49	.0	.2	.2	.3	.2																													23	23	77	132
48/ 47		.4	.0																															12	12	52	134
46/ 45	.0	.2	.2																															13	13	43	136
44/ 43		.2																																4	4	33	113
42/ 41	.0				.0																													2	2	15	75
40/ 39				.0																														1	1		83
38/ 37				.0																														1	1		59
36/ 35																																					65
34/ 33																																				3	45
32/ 31																																					44
30/ 29																																					11
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																															
Rel Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY

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															
28/ 27																						12														
26/ 25																						7														
24/ 23																						5														
22/ 21																						2														
TOTAL	.6	5.9	6.4	7.6	8.0	11.5	11.7	12.8	12.1	9.2	6.6	3.5	1.7	.9	.4	.2		2452	2452	2453	2453															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	7726316	129616	52.8	18.917	2453			68.7	53.2	30.7	.4	93
Dry Bulb	13463681	179871	73.4	10.474	2452			28.1	6.4	.0		93
Wet Bulb	9423282	150806	61.5	7.873	2453			3.1	8.3	1.1		93
Dew Point	7246848	130798	53.3	10.542	2453							93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

MAY  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																
92/ 91							.0																										1	1		
90/ 89								.0																									8	8		
88/ 87						.0		.1	.1	.1	.2	.0			.0	.0	.0															18	18			
86/ 85							.1	.4	.2	.3	.4	.2	.2	.0	.0																	45	45			
84/ 83					.2	.7	.4	.7	.5	.5	.5	.1	.0	.1																		87	87			
82/ 81		.1	.2	.3	.3	.7	.7	.5	.7	.5	.2	.2	.1	.0	.0	.0																93	93			
80/ 79		.0	.4	.5	.8	1.0	1.0	.9	.7	.7	.4	.2	.2	.1	.0	.0																135	135	2		
78/ 77		.2	.5	1.0	1.0	.9	.7	.7	.4	.2	.2	.1																				143	143	5		
76/ 75		.2	.9	1.1	1.2	.8	.7	.7	.1	.2	.1																						146	140	18	
74/ 73		.0	.8	.8	.9	.9	.8	.5	.6	.3	.2																						136	136	56	
72/ 71		.2	.8	1.6	.9	.7	.4	.4	.2	.1																							153	153	63	
70/ 69	.2	.8	1.2	1.2	1.5	1.1	.8	.7	.3	.1	.0																						193	193	170	
68/ 67	.0	.7	1.3	1.2	1.2	.8	.6	.7	.3	.1																							171	171	187	
66/ 65	.1	1.1	1.3	1.7	.7	.6	.7	.4	.5	.0																							171	171	227	
64/ 63	.1	1.1	1.4	.9	1.3	.9	.6	.4	.2																								172	172	214	
62/ 61	.1	1.2	.9	1.0	.7	.6	.5	.2	.0																								131	131	201	
60/ 59	.0	1.1	1.2	1.0	.7	.5	.3	.2	.0																								125	125	232	
58/ 57	.2	1.3	1.7	1.1	.5	.4	.3	.1																									136	136	182	
56/ 55	.3	1.4	.8	.6	.3	.2	.1	.1																									90	90	217	
54/ 53	.2	1.2	.7	.7	.4	.1	.1																										83	83	183	
52/ 51	.2	.7	.8	.6	.4	.2	.0																										73	73	137	
50/ 49		.4	.7	.6	.2																												48	48	99	
48/ 47	.0	.4	.2	.2	.2	.0																											24	24	77	
46/ 45		.5	.2	.0	.1																												20	20	64	
44/ 43		.3	.0																														9	9	46	
42/ 41		.2	.1																														7	7	27	
40/ 39	.0	.1		.0																													4	4	12	
38/ 37				.1																													2	2	4	
36/ 35																																				
34/ 33																																			1	28
32/ 31																																		2	27	
30/ 29																																				11
28/ 27																																				7
26/ 25																																				5
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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





2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

MAY  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
84/ 83					.0		.0											3	3																	
82/ 81					.2	.1	.1	.0										11	11																	
80/ 79			.0	.3	.3	.2	.3	.2	.0	.1								36	36																	
78/ 77			.1	.6	.6	.8	.6	.2	.1		.1							72	72	1																
76/ 75			.2	.4	.9	1.0	.4	.6	.1	.1								85	85	2	1															
74/ 73		.2	.7	.9	.9	.4	.6	.2	.3									97	97	16																
72/ 71		.5	.8	1.0	1.2	.9	.2	.2	.1									113	113	39	17															
70/ 69		.9	1.2	1.0	1.0	.4	.3	.2	.1	.0								119	119	79	36															
68/ 67		1.3	1.8	1.6	1.2	.5	.4	.1		.1								161	161	122	69															
66/ 65	.3	1.9	1.8	1.0	.7	.4	.3	.2	.0									154	154	148	92															
64/ 63	.3	2.1	2.4	.9	.9	.6	.3	.2	.0									178	178	179	129															
62/ 61	.3	2.5	1.6	.9	.8	.7	.2	.1										166	166	208	171															
60/ 59	.3	3.1	1.9	1.2	1.0	.3	.2	.1										183	183	201	175															
58/ 57	.3	3.0	2.1	.7	.9	.3	.1											174	174	171	217															
56/ 55	.5	2.8	2.1	.6	.5	.2												161	161	199	173															
54/ 53	.7	2.6	1.7	.8	.3	.2												144	144	206	178															
52/ 51	.7	2.7	1.0	.6	.1	.0												119	119	194	194															
50/ 49	.4	2.0	1.6	.9	.1													116	116	152	173															
48/ 47	.3	1.2	.7	.7	.0													67	67	110	151															
46/ 45	.2	1.2	.0	.4	.2													71	71	94	113															
44/ 43	.4	1.3	.4	.1	.0													53	53	83	107															
42/ 41	.1	.5	.3	.0	.0													24	24	69	111															
40/ 39		.3	.2	.1														13	13	27	82															
38/ 37		.2	.1	.2														11	11	15	43															
36/ 35			.1															3	3	12	51															
34/ 33		.0	.1																	4	23															
32/ 31																				3	9															
30/ 29																					10															
28/ 27																					2															
26/ 25																					4															
24/ 23																					3															
TOTAL	4.6	30.2	23.5	15.0	12.0	7.0	3.9	2.3	.9	.3	.1																									
																		2334				2334														
																						2334														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	14292555	179115	76.7	15.3	2334	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	8872872	142174	60.9	9.5	2334			27.8	12.1	1.2		93																								
Wet Bulb	7553308	131390	56.3	8.1	2334			.1	10.3	.8		93																								
Dew Point	6731038	123576	52.9	8.9	2334			1.1	4.9	.0		93																								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JUN  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
90/ 89									.0	.0							1	1		
88/ 87									.1	.1							3	3		
86/ 85									.1	.0							6	6		
84/ 83			.0	.1	.1	.1	.1	.0									13	13		
82/ 81		.0	.2	.5	.7	.4	.3										47	47		
80/ 79		.0	.6	1.1	1.3	.6	.1	.0									86	86	2	
78/ 77		.2	1.3	2.2	1.3	.3	.0	.0									119	118	12	7
76/ 75		1.3	1.9	2.0	.6	.2	.1										136	136	45	12
74/ 73	.0	1.0	2.0	1.8	.5	.2	.1										127	127	131	52
72/ 71	.1	3.0	2.2	1.6	.6	.3											172	172	169	103
70/ 69	.5	5.1	2.8	1.2	.6	.1											232	235	239	211
68/ 67	1.2	6.4	3.3	1.3	.5	.1											283	283	252	273
66/ 65	.7	7.3	2.8	.9	.2												262	263	302	264
64/ 63	.9	4.1	1.7	.7	.2												171	171	280	300
62/ 61	.5	4.5	1.4	.6													157	157	192	237
60/ 59	.6	4.1	1.3	.5	.0												148	148	186	198
58/ 57	.2	2.4	1.0	.1	.1	.0											84	85	131	165
56/ 55	.3	1.5	.3	.3	.1												56	56	98	120
54/ 53	.3	.6	.6	.2	.0												41	41	57	92
52/ 51	.2	.6	.2														23	23	31	60
50/ 49	.1	1.1	.2	.0													33	33	43	39
48/ 47		.2	.1														7	7	27	29
46/ 45	.1	.3	.1														11	11	12	25
44/ 43		.0															1	1	8	12
42/ 41																			1	14
40/ 39																				4
38/ 37																				1
TOTAL	5.9	44.0	24.1	15.3	7.0	2.5	.9	.2	.1	.1								2223		2218
																		2210		2218

USAFETAC FORM 0-76-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUN 64

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16269864	188556	85.0	10.413	2218							
Dry Bulb	10187332	149560	67.3	7.505	2223			49.7	21.7	4.4		90
Wet Bulb	9207019	142177	64.1	6.486	2218			34.5	7.7			90
Dew Point	8727100	138346	62.4	6.644	2218			26.7	2.9			90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

JUN  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
88/ 87									.0									1	1	
86/ 85								.2										4	4	
84/ 83									.0									1	1	
82/ 81						.1		.2	.0									9	9	
80/ 79		.1	.4	.6	.7	.1												43	43	
78/ 77		.2	.8	1.3	.5	.3	.0											71	71	3
76/ 75		.7	1.4	1.7	.4	.2												102	102	19
74/ 73		1.8	2.8	1.3	.5	.2												150	150	67
72/ 71	.0	2.7	2.9	1.2	.4	.1												157	157	150
70/ 69	.6	5.5	3.9	.9	.3	.1												249	251	247
68/ 67	1.0	6.5	3.0	.9	.4													271	271	239
66/ 65	1.5	7.3	2.8	.6	.1	.0												280	280	317
64/ 63	1.5	6.3	2.2	.2	.2	.0												239	240	299
62/ 61	.8	4.6	1.8	.5														174	175	219
60/ 59	.7	5.0	.8	.5	.0													162	163	179
58/ 57	.7	2.8	1.1	.1														106	106	177
56/ 55	.3	2.4	.9	.2														86	86	110
54/ 53	.5	1.3	.2	.1														48	48	82
52/ 51	.6	.9	.6	.1														51	51	57
50/ 49	.5	.8	.9	.1														37	37	45
48/ 47	.2	.8																23	23	36
46/ 45	.1	.3																9	9	24
44/ 43		.3																6	6	7
42/ 41																				4
40/ 39																				6
TOTAL	9.0	50.3	25.1	10.3	3.6	1.4	.1	.2	.0									2279	2284	2279

USAFETAC FORM 7-64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	17647959	199455	87.5	9.179	2279							
Dry Bulb	9914531	149577	65.5	7.216	2284			41.8	15.0	1.2		90
Wet Bulb	9127078	143464	63.0	6.490	2279			28.6	3.5			90
Dew Point	8723539	140189	61.5	6.643	2279			22.0	1.3			90

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87							.0	.2										5	5					
86/ 85					.1	.3	.1			.0	.0							14	14					
84/ 83			.1	.2	.6	.7	.4											46	46					
82/ 81			.1	.8	.9	.5	.1	.0										60	60					
80/ 79		.0	.6	1.5	1.8	.6	.2	.0										110	110	2				
78/ 77		.0	1.1	2.5	1.8	.4	.2	.0	.0									143	143	14				
76/ 75		.4	2.1	3.0	1.2	.8	.3											183	183	74				
74/ 73		1.1	3.4	2.7	1.2	.4	.2	.1										214	214	150				
72/ 71		2.2	3.7	2.3	.8	.3	.0											224	224	200				
70/ 69	.6	3.3	4.0	1.2	1.2	.2	.1	.0										254	254	285				
68/ 67	.4	4.4	3.5	2.0	1.0	.3												274	274	307				
66/ 65	.4	4.6	2.9	1.0	.8	.0												241	241	322				
64/ 63	.5	3.9	2.0	.9	.3	.0												180	181	275				
62/ 61	.4	2.1	1.3	.6	.3	.1	.0											120	120	206				
60/ 59	.3	2.2	1.4	.6	.2	.0	.0											110	110	160				
58/ 57	.2	1.8	.4	.3	.2	.1												70	70	130				
56/ 55	.0	.8	.9	.6	.0													56	56	80				
54/ 53	.1	.4	.3	.0														19	19	56				
52/ 51	.1	.6	.3	.1														25	25	45				
50/ 49	.1	.2	.0	.0														8	9	38				
48/ 47		.2	.0															6	6	15				
46/ 45																				6				
44/ 43		.0																1	1	12				
42/ 41																				1				
40/ 39																				3				
38/ 37																				1				
36/ 35																				2				
TOTAL	3.6	28.4	28.1	20.4	12.5	4.7	1.8	.5	.1	.0	.0							2363		2363				

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15726747	190945	80.8	11.217	2363							
Dry Bulb	11412830	163394	69.1	7.248	2365			58.1	29.5	7.0		90
Wet Bulb	10057274	159460	64.9	6.212	2363			39.3	9.1	.0		90
Dew Point	9381521	146067	62.7	6.621	2363			28.7	2.7			90

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																					
98/97																																	3	3							
96/95																																		8	8						
94/93																																		9	9						
92/91																																		36	36						
90/89																																		69	69						
88/87																																		110	110						
86/85																																		149	149						
84/83																																		181	181	1					
82/81																																		226	226	4					
80/79																																		214	214	30	2				
78/77																																		219	219	117	16				
76/75																																		213	213	218	26				
74/73																																		217	217	236	115				
72/71																																		158	158	311	209				
70/69																																		132	132	314	302				
68/67																																		118	118	268	327				
66/65																																		98	98	239	258				
64/63																																		77	77	193	250				
62/61																																		42	42	129	195				
60/59																																		42	42	97	166				
58/57																																		25	25	76	114				
56/55																																		6	6	64	94				
54/53																																		8	8	38	89				
52/51																																		6	6	18	51				
50/49																																					10	53			
48/47																																			3	45					
46/45																																						27			
44/43																																						18			
42/41																																						7			
40/39																																						1			
38/37																																						1			
TOTAL																																						2366	2366	2366	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total																								
Rel. Hum.	10946620		157508		66.6		13.963		2366		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	13953494		180680		76.4		8.117		2366				78.4	52.9	35.0	.8	90																								
Wet Bulb	11045229		160981		68.0		6.244		2366				57.0	23.1	.4		90																								
Dew Point	9737799		150843		63.8		7.150		2366				37.9	6.0	.1		90																								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

YEARS

JUN  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
106/105																	.0	1	1																
104/103																		1	1																
102/101											.0	.1	.1					5	5																
100/ 99											.1	.2	.2	.0	.0			14	14																
98/ 97											.1	.2	.1					16	16																
96/ 95								.0	.1	.4	.7	.5	.0	.1				43	43																
94/ 93						.0	.2	.5	1.2	.6	.5	.2	.1	.1				83	83																
92/ 91						.2	.4	1.2	1.0	.8	.3	.5	.0					103	103																
90/ 89				.1	.3	.5	1.4	2.1	2.0	.6	.5	.0	.1					179	179																
88/ 87				.3	.3	1.0	2.1	2.2	1.9	.6	.6	.3	.1					216	216																
86/ 85			.0	.2	.3	1.8	2.4	2.2	1.0	.8	.3	.3						219	219																
84/ 83			.0	.2	.5	1.9	2.2	2.2	1.1	.8	.5	.1						227	227	6	1														
82/ 81		.0	.1	.3	1.4	1.8	2.0	.9	.7	1.0	.4							206	206	26	2														
80/ 79		.0	.1	.7	2.1	1.9	1.4	.9	.7	.2	.1							190	190	90	10														
78/ 77		.0	.2	1.5	2.1	1.2	.9	.6	.7	.6	.1							190	190	168	29														
76/ 75		.1	.5	1.0	1.5	.5	1.4	.7	.4	.1	.1							151	151	266	55														
74/ 73		.3	.7	1.2	.6	.7	.5	.2	.4	.0								111	111	294	126														
72/ 71	.1	.2	.9	.8	.6	.8	.4	.4	.2	.0								107	108	327	216														
70/ 69	.1	.5	.9	.7	.4	.3	.3	.2	.1									87	87	266	306														
68/ 67	.2	.6	.6	.5	.4	.5	.2	.0										72	72	250	300														
66/ 65	.1	.3	.6	.3	.2	.2	.3	.1	.0									54	54	179	262														
64/ 63	.1	.3	.0	.3	.1	.1	.1											24	24	180	239														
62/ 61	.1	.5	.4	.2		.1												29	29	96	163														
60/ 59	.0	.3	.1	.1	.3													19	19	81	122														
58/ 57	.1	.0	.2	.1														10	10	68	121														
56/ 55		.1	.1	.0														4	4	31	112														
54/ 53		.1	.1															5	5	16	69														
52/ 51																				21	66														
50/ 49																				1	64														
48/ 47																					43														
46/ 45																					33														
44/ 43																					13														
42/ 41																					9														
40/ 39																					1														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUL

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
106/105																	.0	1	1	
104/103																	.1	4	4	
102/101																	.2	9	9	
100/ 99																	.1	25	25	
98/ 97																	.3	32	32	
96/ 95																	.4	67	67	
94/ 93																	.6	80	88	
92/ 91																	.7	146	146	
90/ 89																	.8	188	188	
88/ 87																	.9	228	228	
86/ 85																	1.0	236	236	2
84/ 83																	1.1	206	206	7
82/ 81																	1.2	201	201	35
80/ 79																	1.3	208	208	95
78/ 77																	1.4	150	150	171
76/ 75																	1.5	146	148	283
74/ 73																	1.6	88	88	320
72/ 71																	1.7	84	84	314
70/ 69																	1.8	73	73	296
68/ 67																	1.9	63	63	234
66/ 65																	2.0	34	34	180
64/ 63																	2.1	33	33	149
62/ 61																	2.2	20	20	89
60/ 59																	2.3	16	16	84
58/ 57																	2.4	9	9	50
56/ 55																	2.5			16
54/ 53																	2.6	6	6	24
52/ 51																	2.7			12
50/ 49																	2.8			2
48/ 47																	2.9			
46/ 45																	3.0			
44/ 43																	3.1			
42/ 41																	3.2			
40/ 39																	3.3			
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN  
 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		
38/ 37																					3		
TOTAL	.3	3.0	5.2	7.1	9.0	13.1	14.9	14.0	12.9	9.8	6.4	2.2	1.3	.5	.0	.0	.0		2363		2363		
																		2363		2363			
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	8099798	133662	56.6	15.110	2363	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	16115699	194075	82.1	8.636	2363			85.5	77.1	59.1	8.6	90											
Wet Bulb	11692107	165599	70.1	6.067	2363			66.9	34.8	3.0		90											
Dew Point	9846313	151509	64.1	7.475	2363			39.3	9.1	.3		90											

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 36-53,62-72

JUN  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
102/101															.0																		1	1			
100/ 99															.0																		1	1			
98/ 97															.0																		3	3			
96/ 95											.0	.1	.1		.1	.1	.0																13	13			
94/ 93									.0	.1	.1	.3	.2	.3	.0																		26	26			
92/ 91							.0	.0	.3	.4	.3	.2	.0	.1	.1																		32	32			
90/ 89						.2	.3	.9	.6	1.1	.5	.0																					87	87			
88/ 87				.1	.5	1.0	1.1	1.3	.9	.1	.2																						120	120			
86/ 85			.1	.3	.9	1.6	1.7	1.5	.5	.4	.1	.0																					166	166			
84/ 83			.1	.4	1.0	2.0	1.3	.6	.6	.2	.3	.0																					153	153	4		
82/ 81			.3	1.2	1.9	2.0	1.7	.9	.4	.1	.0																						200	200	21	5	
80/ 79		.1	.6	1.6	2.7	2.3	1.2	.6	.6	.3	.1	.0																					230	230	52	14	
78/ 77		.3	1.2	2.0	2.2	1.5	.9	.7	.3	.2																							215	215	117	34	
76/ 75		.5	1.5	2.2	1.8	1.2	.5	.6	.3	.1	.0																						204	204	196	71	
74/ 73	.0	.7	2.0	1.7	1.2	.9	.4	.4	.1																								189	189	285	115	
72/ 71	.1	1.1	2.0	1.3	1.0	.4	.4	.1	.0	.0																							153	153	321	210	
70/ 69	.2	1.5	2.2	1.1	1.0	.4	.3	.1																									158	158	314	293	
68/ 67	.3	1.3	1.3	.9	.6	.3	.2	.0	.0																								116	116	280	338	
66/ 65	.1	1.5	1.1	.7	.4	.1	.1	.0																									96	96	203	289	
64/ 63	.2	1.0	.8	.6	.0	.2	.0																										68	68	183	221	
62/ 61	.0	.6	.4	.4	.1	.0																											39	39	116	183	
60/ 59	.1	.6	.4	.4		.0																											35	35	108	156	
58/ 57	.2	.3	.1		.0																												14	14	54	111	
56/ 55	.0	.1	.3	.2																													14	14	43	91	
54/ 53	.0	.1																															4	4	24	67	
52/ 51	.0	.2																															6	6	12	60	
50/ 49																																				10	28
48/ 47																																				29	
46/ 45																																				18	
44/ 43																																				3	
42/ 41																																				4	
40/ 39																																				2	
38/ 37																																				1	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-53,62-72 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		
TOTAL	1.2	9.6	15.3	15.3	15.5	14.4	11.3	8.1	5.4	2.3	1.2	.3	.1	.0				2343	2343	2343	2343		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	11497037	160039	68.3	14.980	2343	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	13963380	179840	76.8	8.253	2343			79.4	63.0	35.7	1.7	90
Wet Bulb	11162216	161092	68.8	6.074	2343			61.1	25.9	1.8		90
Dew Point	9942310	151766	64.8	6.909	2343			41.5	9.2	.3		90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

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			
92/ 91												.0							1	1				
90/ 89								.0		.0	.0								3	3				
88/ 87						.1	.2	.2	.1	.0									14	14				
86/ 85				.0	.2	.2	.3	.1	.1										20	20				
84/ 83			.0	.5	1.0	.7	.4	.1	.1										67	67				
82/ 81		.1	.5	1.4	1.0	.8	.4	.1											97	97				
80/ 79		.2	.6	1.9	1.5	.7	.3	.0											118	118	11	3		
78/ 77		.7	1.8	2.8	1.9	.4	.2												179	179	42	17		
76/ 75	.0	1.2	2.3	2.1	1.9	.8	.3												196	196	115	39		
74/ 73		1.0	2.2	2.0	.8	.7	.2												155	156	178	100		
72/ 71	.1	3.3	3.0	1.6	1.4	.2	.2												221	222	213	151		
70/ 69	.5	4.0	3.5	1.6	.7	.4	.1	.0											247	248	291	226		
68/ 67	.7	4.9	3.1	1.2	.7	.1	.1												246	246	278	307		
66/ 65	.7	3.6	1.7	1.3	.4	.1	.0												178	178	290	285		
64/ 63	.3	3.4	2.0	1.1	.3	.1	.0												166	166	215	275		
62/ 61	.2	3.9	1.0	.4	.1														126	126	174	178		
60/ 59	.4	1.7	1.5	.4	.3	.0													96	96	179	208		
58/ 57	.2	1.2	.7	.2	.0														53	53	100	155		
56/ 55		1.0	.4	.2	.0														36	36	72	104		
54/ 53	.1	.4	.2	.0															16	16	42	81		
52/ 51	.1	.3	.2	.0															15	15	29	48		
50/ 49	.0	.4	.1	.0															12	12	22	36		
48/ 47		.3	.0																7	7	12	19		
46/ 45																					6	20		
44/ 43																						10		
42/ 41																						5		
40/ 39																						2		
TOTAL	3.3	31.3	24.8	19.0	12.3	5.5	2.7	.6	.3	.1	.0	.0									2272	2269		
																			2269		2269			

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15138825	183435	80.8	11.676	2269			62.1	33.7	10.4		90
Dry Bulb	11308661	159367	70.1	7.567	2272			44.7	13.7	.0		90
Wet Bulb	9843604	149518	65.8	6.333	2269			33.4	6.3			90
Dew Point	9291863	144415	63.6	6.650	2269							90

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H

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

JUL  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89							.0	.0	.1									4	4			
88/ 87								.0	.1									3	3			
86/ 85					.1	.2	.3	.4	.5	.6	.7	.8	.9	.0				21	21			
84/ 83				.1	.3	.5	.7	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	49	49			
82/ 81				.5	.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	89	89			
80/ 79		.2	1.0	2.0	2.9	3.8	4.7	5.6	6.5	7.4	8.3	9.2	10.1	11.0	11.9	12.8	13.7	151	151	7		
78/ 77		1.4	2.8	4.2	5.6	7.0	8.4	9.8	11.2	12.6	14.0	15.4	16.8	18.2	19.6	21.0	22.4	171	171	29	10	
76/ 75	.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	180	182	112	53	
74/ 73	.1	3.3	6.6	9.9	13.2	16.5	19.8	23.1	26.4	29.7	33.0	36.3	39.6	42.9	46.2	49.5	52.8	286	288	253	120	
72/ 71	.6	7.0	14.0	21.0	28.0	35.0	42.0	49.0	56.0	63.0	70.0	77.0	84.0	91.0	98.0	105.0	112.0	291	291	376	253	
70/ 69	.8	8.7	17.4	26.1	34.8	43.5	52.2	60.9	69.6	78.3	87.0	95.7	104.4	113.1	121.8	130.5	139.2	225	225	327	435	
68/ 67	.4	4.7	9.4	14.1	18.8	23.5	28.2	32.9	37.6	42.3	47.0	51.7	56.4	61.1	65.8	70.5	75.2	201	201	266	273	
66/ 65	.5	4.1	8.2	12.3	16.4	20.5	24.6	28.7	32.8	36.9	41.0	45.1	49.2	53.3	57.4	61.5	65.6	179	179	233	254	
64/ 63	.3	3.4	6.8	10.2	13.6	17.0	20.4	23.8	27.2	30.6	34.0	37.4	40.8	44.2	47.6	51.0	54.4	151	151	203	224	
62/ 61	.1	2.9	5.8	8.7	11.6	14.5	17.4	20.3	23.2	26.1	29.0	31.9	34.8	37.7	40.6	43.5	46.4	103	103	161	205	
60/ 59	.4	2.6	5.2	7.8	10.4	13.0	15.6	18.2	20.8	23.4	26.0	28.6	31.2	33.8	36.4	39.0	41.6	90	91	125	154	
58/ 57	.4	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	53	53	108	119	
56/ 55	.2	.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9.0	9.9	10.8	11.7	12.6	13.5	14.4	27	27	49	92	
54/ 53	.1	.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9.0	9.9	10.8	11.7	12.6	13.5	14.4	22	22	32	62	
52/ 51		.3	.6	.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	6	5	17	33	
50/ 49	.0	.0																2	2	6	13	
48/ 47																					3	
46/ 45																					1	
TOTAL	3.7	42.8	25.9	13.5	8.3	3.0	1.7	.7	.3	.0								2304	2304	2304		
																			2304		2304	

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16657627	194333	84.3	10.756	2304							
Dry Bulb	11640540	163162	70.7	6.933	2309			67.5	38.6	10.2		93
Wet Bulb	10471663	154777	67.2	5.704	2304			55.3	16.2			93
Dew Point	9945161	150777	65.4	5.824	2304			46.2	7.4			93

USAFETAC FORM 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71 JUL  
STATION STATION NAME YEARS MONTH  
PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.0	1	1		
86/ 85																	.0	1	1		
84/ 83					.0	.0	.2	.1	.0	.2								15	15		
82/ 81				.1	.2	.1	.3	.1	.0									23	23		
80/ 79				.5	1.1	.7	.5	.1	.0									68	68		
78/ 77			.9	1.6	2.1	1.0	.3											141	141	4	
76/ 75		1.9	4.0	1.9	.4	.2	.0											199	199	48 18	
74/ 73	.3	3.8	3.4	1.2	.3	.1	.0											217	218	180 83	
72/ 71	.6	8.2	3.3	1.3	.4	.0	.0											331	333	319 218	
70/ 69	.8	6.6	4.1	.8	.3	.1												301	301	405 397	
68/ 67	1.2	5.7	3.2	.6	.1	.0												258	258	272 322	
66/ 65	.3	5.5	1.8	.7	.1													202	202	283 262	
64/ 63	.4	5.1	1.1	.4	.0													169	169	211 270	
62/ 61	.6	3.7	1.0	.3	.1													136	137	207 213	
60/ 59	.3	3.5	.8	.3														120	121	142 186	
58/ 57	.8	2.4	.3	.0														83	83	121 143	
56/ 55	.2	1.7	.1	.0														47	47	85 98	
54/ 53	.3	1.0	.2															35	35	48 78	
52/ 51	.1	.7	.0															19	19	33 55	
50/ 49	.2	.3																12	12	21 21	
48/ 47		.0																1	1	2 12	
46/ 45																					2
44/ 43																					1
TOTAL	6.2	51.0	25.4	11.3	3.5	1.7	.5	.1	.2								.0		2384		2379
																			2379		2379

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18359059	207829	87.4	9.243	2379							
Dry Bulb	11296846	163346	68.5	6.631	2384			60.8	26.0	2.7	.0	93
Wet Bulb	10382483	156559	65.8	5.783	2379			48.0	9.1			93
Dew Point	9958779	153287	64.4	5.871	2379			40.6	3.9			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUL  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
90/ 89						.0	.0	.1	.0								5	5			
88/ 87						.1	.2	.2	.0								11	11			
86/ 85					.1	.8	.5	.1	.0								41	41			
84/ 83			.1	.3	1.0	.8	.6	.1	.0								73	73			
82/ 81			.2	1.4	1.9	.6	.5	.1	.0	.0							117	118			
80/ 79		.1	1.2	2.4	2.2	.8	.4	.1		.0							180	180	6		
78/ 77		.4	2.7	3.9	1.5	.7	.2	.0									238	239	33	6	
76/ 75		1.8	4.5	3.3	1.4	.6	.1										294	295	153	24	
74/ 73	.1	2.8	5.1	3.1	1.2	.4	.2										321	321	306	163	
72/ 71	.3	3.8	3.3	2.9	1.6	.3											305	305	400	298	
70/ 69	.3	4.3	3.9	1.8	.6	.4											279	279	394	442	
68/ 67	.4	3.3	2.6	1.6	.5	.2	.0										214	214	311	346	
66/ 65	.4	2.6	2.0	1.1	.4	.1											164	165	292	295	
64/ 63	.2	2.0	1.0	.8	.2	.0											104	106	223	266	
62/ 61	.2	1.2	.5	.4													58	58	153	222	
60/ 59	.2	.9	.4	.2													42	43	100	164	
58/ 57	.1	.6	.2														23	23	61	93	
56/ 55	.0	.3	.1														10	10	36	80	
54/ 53		.2															6	6	13	40	
52/ 51	.1	.2															6	7	7	38	
50/ 49																		1	3	14	
48/ 47																				2	
44/ 43	.0																1	1	1	1	
TOTAL	2.4	24.4	27.7	23.3	12.6	5.9	2.7	.6	.2	.1	.0						2492	2501	2492	2492	
Element (X)	Σx <sup>2</sup>	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	16304262	199676	80.1	11.063	2492	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	13250971	181357	72.5	6.327	2501			77.4	47.7	12.6		93									
Wet Bulb	11592098	169480	68.0	5.141	2492			59.8	18.6	.0		93									
Dew Point	10854170	163900	65.8	5.465	2492			47.7	7.2			93									

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-77

YEARS MONTH JUL

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
100/ 99												.0						1	1		
98/ 97											.1	.1						6	6		
96/ 95								.0	.1	.2	.2	.1	.0					15	16		
94/ 93							.1	.4	1.0	.7	.3	.0	.1					65	65		
92/ 91						.3	.4	1.0	1.1	.6	.2							88	89		
90/ 89					.1	.5	1.7	2.1	1.6	.3	.0		.0					158	159		
88/ 87			.1	.5	2.0	2.9	1.5	.9	.2	.1	.1							208	208		
86/ 85			.3	1.0	3.6	2.8	1.5	.8	.4	.2	.0		.0					268	268		
84/ 83			.1	.6	2.5	3.2	1.8	1.0	.6	.2	.0							254	254	1	
82/ 81			.1	1.2	3.0	2.9	2.0	1.2	.6	.5	.0							284	284	19	1
80/ 79			.5	2.2	2.0	2.4	1.2	.8	.7	.3								252	252	87	9
78/ 77	.0	.1	1.0	2.1	2.1	1.7	1.7	.8	.2	.1								244	244	227	36
76/ 75		.4	1.6	1.5	1.9	1.4	1.0	.7	.2									217	217	418	91
74/ 73		.6	1.4	1.5	.8	1.0	.7	.2	.1									160	160	382	216
72/ 71	.1	.7	1.1	.7	.4	.6	.4	.2	.0									105	105	362	410
70/ 69	.0	.6	.5	.2	.4	.5	.4	.1										64	64	298	385
68/ 67	.2	.8	.2	.2	.2	.0	.2											46	46	235	328
66/ 65	.2	.6	.3	.1	.2	.2												40	41	198	265
64/ 63	.0	.3	.2	.1	.0													15	15	117	208
62/ 61		.2																4	4	77	133
60/ 59																				38	109
58/ 57																				26	99
56/ 55																				9	78
54/ 53																					46
52/ 51																					38
50/ 49																					20
48/ 47																					17
46/ 45																					3
44/ 43																					1
TOTAL	.6	4.2	5.9	10.8	15.3	20.0	17.4	11.7	7.8	3.5	1.2	.3	.3					2494	2494		2493

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10454493	157945	63.4	13.405	2493							
Dry Bulb	16481977	202209	80.9	6.742	2498			90.8	82.8	55.1	3.3	93
Wet Bulb	12720081	177669	71.2	5.035	2494			75.7	42.3	2.1		93
Dew Point	11176565	166207	66.7	6.195	2493			55.1	13.2	.0		93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb
106/105																.1		2	2	
104/103																.1		5	5	
102/101												.0	.3	.2	.2		.0	19	19	
100/ 99											.1	.3	.5	.2	.2			38	38	
98/ 97									.1	.4	1.1	.8	.9	.4	.1	.1		95	95	
96/ 95							.2	.6	1.1	1.5	1.3	.4	.2					132	133	
94/ 93						.1	.3	1.6	1.8	1.7	1.2	.4		.0				182	182	
92/ 91				.0	.4	.9	1.9	1.8	1.4	.9	.3	.1	.2					201	201	
90/ 89			.0	.2	.9	2.7	2.7	2.4	1.2	.6	.5	.1						285	285	
88/ 87		.0	.1	.3	1.0	2.4	2.0	1.8	.7	.8	.3	.1						260	260	
86/ 85			.1	.7	1.8	2.4	1.6	1.1	1.7	.6	.1	.1						256	256	3
84/ 83		.1	.2	1.2	1.8	2.1	1.8	1.0	.8	.2	.1							235	235	14
82/ 81		.2	.8	1.1	1.5	1.6	1.3	1.2	.9	.2								213	213	74 7
80/ 79		.2	1.3	1.3	.9	1.2	1.0	.6	.7	.2								188	138	196 20
78/ 77		.1	.5	.9	1.0	.6	.9	.7	.4									148	148	331 58
76/ 75		.1	.6	.7	.6	.4	.5	.4	.2	.1								90	90	401 122
74/ 73		.2	.5	.4	.2	.3	.2	.3										60	60	384 255
72/ 71	.0	.3	.5	.1	.1	.0	.1	.1										34	34	309 311
70/ 69	.0	.3	.2	.2	.0	.0	.1											24	24	238 359
68/ 67	.0	.3	.2	.1	.0	.0												19	19	213 323
66/ 65		.3	.0	.0														9	9	140 228
64/ 63	.0	.0	.0															3	3	98 197
62/ 61																				58 146
60/ 59		.0																1	1	25 112
58/ 57																				14 109
56/ 55																				1 82
54/ 53																				62
52/ 51																				39
50/ 49																				30
48/ 47																				26
46/ 45																				13
TOTAL	.2	1.8	3.2	4.6	7.2	10.0	15.2	17.2	14.7	12.4	7.2	3.8	1.4	.6	.3	.2	.0	2499	2500	2499

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum	7791323	135251	54.1	13.735	2499							
Dry Bulb	18586960	214818	85.9	7.164	2500			92.5	89.7	75.7	17.6	93
Wet Bulb	13250416	181508	72.6	5.182	2499			80.5	52.2	6.4		93
Dew Point	11168382	166180	66.5	6.863	2499			54.1	17.2	.7		93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUL

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
108/107																.1	2	2		
106/105											.0		.0			.0	4	4		
104/103												.1	.2	.1	.0		11	11		
102/101											.0	.1	.2	.3	.1	.1	31	31		
100/99										.1	.2	.6	.6	.5	.4	.2	64	64		
98/97								.1	.3	1.5	1.2	1.3	.4	.1			121	121		
96/95						.1	1.0	1.1	1.4	1.2	.6	.1					138	138		
94/93					.1	.6	1.1	1.8	1.6	1.3	.5	.2					181	181		
92/91				.2	.5	.9	2.0	2.7	2.0	1.2	.5	.2	.1	.1			257	257		
90/89				.2	.9	1.7	3.1	2.4	1.4	.9	.6	.2					285	285		
88/87			.1	.6	.9	2.3	1.9	1.6	1.2	1.0	.4	.1	.0				252	252		
86/85			.1	.8	1.4	2.2	1.5	1.7	1.3	.6	.0	.1					245	245	2	
84/83		.1	.5	.9	2.0	1.5	1.5	1.4	.9	.4							226	226	25	
82/81		.2	.6	1.3	.7	1.0	1.5	1.1	.8	.4							187	187	88	
80/79	.1	.3	.9	1.3	.8	.7	1.0	.6	.6	.2							163	163	211	
78/77	.2	.5	.8	.8	.8	.5	.8	.6	.2								126	129	326	
76/75	.4	.4	.6	.2	.4	.3	.4	.2	.1								75	75	441	
74/73	.1	.2	.4	.4	.1	.0	.3	.1	.2								47	47	367	
72/71	.1	.5	.4	.1	.3	.0	.1	.3	.0								47	47	288	
70/69	.3	.2	.1	.1	.0	.0											19	19	249	
68/67	.3	.0	.1	.1													14	14	213	
66/65	.0	.0															2	2	118	
64/63	.1																3	3	99	
62/61	.0																1	1	43	
60/59	.0																1	1	17	
58/57	.0																1	1	18	
56/55																			88	
54/53																			62	
52/51																			30	
50/49																			29	
48/47																			23	
46/45																			13	
44/43																			1	

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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												



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72

JUL  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
100/ 99														.0					6	6	
98/ 97														.1	.2	.2	.1		17	17	
96/ 95													.3	.4	.2	.2		37	37		
94/ 93								.1	.3	.5	.8	.5	.2	.1		.0		62	62		
92/ 91			.0		.1	.2	.5	1.2	1.2	.7	.3	.2	.0	.0				103	103		
90/ 89			.0	.4	.7	1.3	1.5	.7	.3	.2	.0							120	120	1	
88/ 87		.0	.4	.9	1.5	2.5	1.7	.8	.6	.2	.0	.0						211	211	1	
86/ 85		.2	.7	1.6	2.6	1.8	1.0	.6	.3	.2	.0							221	221		
84/ 83		.5	1.0	1.6	2.5	1.1	1.0	.7	.1	.0								204	204	12	
82/ 81		.0	.8	1.9	2.1	1.9	1.2	.5	.5	.1	.0							215	215	58	
80/ 79	.0	.2	1.2	2.3	2.8	1.5	1.4	.8	.3	.2								260	260	121	
78/ 77	.0	.7	2.3	2.5	1.9	1.0	1.0	.3	.1									238	238	264	
76/ 75		1.2	2.6	2.2	.9	.9	.5	.4	.2									211	211	382	
74/ 73		1.0	2.0	1.6	.9	.6	.4	.3										163	163	345	
72/ 71	.2	1.0	1.5	1.1	.7	.3	.1	.2										123	123	333	
70/ 69	.1	1.3	1.7	.5	.3	.2	.2	.1										104	104	291	
68/ 67		.7	.5	.5	.2	.0	.0	.0										48	48	221	
66/ 65		.3	.3	.3	.1	.0												30	30	159	
64/ 63		.2	.4	.2														19	19	95	
62/ 61		.2	.1	.0	.0													9	9	55	
60/ 59			.0	.0														2	2	47	
58/ 57																				14	
56/ 55																				3	
54/ 53																				1	
52/ 51																					
50/ 49																				15	
48/ 47																				4	
46/ 45																				1	
44/ 43																				2	
TOTAL		.3	6.9	14.5	13.3	14.4	13.9	12.5	9.9	6.2	3.4	1.4	.8	.3	.2			2403	2403	2403	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	11311309	166999	67.0	14.777	2403	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	15763686	193836	80.7	7.302	2403			90.7	80.0	52.3	4.7	93
Wet Bulb	12494263	172827	71.9	5.174	2403			78.5	45.8	4.7		93
Dew Point	11176402	163208	67.9	6.174	2403			60.6	21.1	1.1		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISD REVISED EDITION OF THIS FORM AT OSWEGO

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JUL  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
94/93																																		1	1			
92/91																																		2	2			
90/89																																		10	10			
88/87																																		25	25			
86/85																																		73	73			
84/83																																		112	112			
82/81																																		138	138	1		
80/79																																		207	207	32 8		
78/77																																		202	202	98 48		
76/75																																		234	234	210 83		
74/73																																		327	327	348 201		
72/71																																		243	243	363 350		
70/69																																		202	202	309 383		
68/67																																		186	188	265 290		
66/65																																		136	137	210 239		
64/63																																		104	104	185 193		
62/61																																		78	78	126 197		
60/59																																		37	37	118 137		
58/57																																		24	24	43 99		
56/55																																		8	8	24 59		
54/53																																		5	5	17 44		
52/51																																		5	5	17		
50/49																																				5		
48/47																																				1		
TOTAL	1.328	8.8	30.5	17.8	10.9	6.2	2.8	.9	.3	.1	.2	.0	.0																				2354	2357	2354	2354		

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	15689785	190387	80.9	11.133	2354							
Dry Bulb	12761732	172830	73.3	6.794	2354			77.5	52.5	18.6	.0	93
Wet Bulb	11249084	162215	68.9	5.485	2354			64.2	27.2	.6		93
Dew Point	10582963	157261	66.8	5.721	2354			53.8	13.4	.0		93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

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
90/ 89																		1	1		
88/ 87								.0	.0	.1	.0	.0						6	6		
86/ 85						.0	.0	.2	.2	.1								12	12		
84/ 83				.1	.2	.4	.5	.3	.0	.2								38	38		
82/ 81			.2	.4	.5	.4	.4	.1	.1									46	46		
80/ 79		.2	1.3	1.4	.4	.4	.4	.1	.2									9d	9d		
78/ 77		.6	1.7	1.6	.9	.4	.1											119	119	14	5
76/ 75	.2	1.7	2.2	1.1	.7	.3	.1											137	137	83	28
74/ 73	.1	2.9	3.1	1.8	.6	.3												197	197	141	96
72/ 71	.4	6.1	2.6	.9	.5	.2	.1			.0								244	246	235	162
70/ 69	1.0	7.6	2.6	1.7	.6	.1			.0									305	306	336	278
68/ 67	1.0	6.5	2.9	.9	.4	.0												263	263	301	337
66/ 65	1.0	5.2	2.3	1.1	.1													216	216	276	255
64/ 63	.9	4.1	1.8	.5	.3	.0												171	171	244	258
62/ 61	.4	3.6	.9	.4	.0													120	120	184	212
60/ 59	.6	2.9	.7	.2														100	100	153	199
58/ 57	.6	1.8	.4	.1														67	67	115	149
56/ 55	.4	1.1	.4	.1	.0													44	44	60	103
54/ 53	.1	.5	.1	.1														20	20	36	59
52/ 51	.2	.4	.2	.0														20	20	29	42
50/ 49			.1	.0														4	4	12	21
48/ 47		.1	.1															4	4	4	5
46/ 45																				8	9
44/ 43																				1	7
42/ 41																					4
40/ 39																					1
38/ 37																					2
TOTAL	6.9	45.4	23.7	12.5	5.3	2.7	1.7	.7	.6	.4	.1	.0							2235		2232
																			2232		2232
Element (X)	Z <sub>x</sub>	Z <sub>x</sub>	R	σ <sub>x</sub>	No. Obs.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Rel. Hum.	16586676	190616	85.4	11.746	2232																
Dry Bulb	10742375	154181	69.0	6.896	2235			61.1	27.2	5.9		93									
Wet Bulb	9723285	146747	65.7	5.803	2232			46.3	9.9			93									
Dew Point	9247105	143019	64.1	6.097	2232			37.8	5.4			93									

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13921        FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

AUG

STATION

STATION NAME

YEARS

MONTH

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

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
86/85									.0									.1												3	3				
84/83							.0		.1	.1			.0	.0																9	9				
82/81				.0	.0	.1	.5	.5	.2	.0																				32	32				
80/79			.1	.3	.4	.5	.4	.4	.0	.0																				51	51				
78/77			.3	1.0	.7	.3	.1	.1	.0																					60	60	3			
76/75	.1	1.5	1.5	1.4	.8	.2																								132	132	28	11		
74/73	.4	3.0	2.9	.8	.2	.0																								172	172	103	59		
72/71	.5	5.7	2.8	1.1	.4	.2																								248	248	195	127		
70/69	1.6	8.2	2.4	1.0	.6	.1																								319	322	346	289		
68/67	1.3	7.1	2.0	.6	.3	.1																								264	264	324	329		
66/65	1.7	7.0	1.9	.0	.1																									276	276	294	289		
64/63	1.0	5.0	1.5	.4	.0																									185	185	267	297		
62/61	.6	5.1	1.5	.6	.0																									182	182	192	203		
60/59	1.0	3.9	.6	.4	.0																									139	139	191	206		
58/57	.5	2.9	.4	.0																										88	88	123	147		
56/55	.9	1.1	.2	.0																										52	52	116	153		
54/53	.7	.7	.2	.0																										38	38	46	75		
52/51	.3	.8	.2	.0																										31	31	32	51		
50/49	.3	.3	.1		.0																									19	19	27	44		
48/47	.0	.1	.1																											6	6	13	7		
46/45		.1																												3	3	6	8		
44/43	.0	.0																												2	2	4	12		
42/41																															1	1	3		
34/33																																		1	
TOTAL	11.1	53.6	20.2	8.3	3.2	1.7	1.2	.4	.1	.0	.1																			2311	2314	2311	2311		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	18304141	204301	86.4	10.260	2311	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10511106	155184	67.1	6.705	2314			52.0	18.4	2.7		93
Wet Bulb	9720920	149262	64.6	5.901	2311			40.2	5.4			93
Dew Point	9339558	146238	63.3	6.093	2311			32.8	2.8			93



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

YEARS

AUG

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.P./W.B.	Dry Bulb	Wet Bulb	Dew Point																		
98/ 97											.0																						1	1					
90/ 89											.0																						2	2					
88/ 87								.0	.2	.1	.1																						10	10					
86/ 85							.1	.4	.2	.2																							24	24					
84/ 83						.9	.8	.5	.0																								55	55					
82/ 81			.1	.7	1.0	.7	.3	.0	.1																								73	73					
80/ 79			.4	1.9	1.4	.5	.3	.0	.1																								116	116					
78/ 77		.3	2.2	2.3	1.4	.3	.3	.0																									171	171	13	1			
76/ 75		1.1	3.4	2.3	1.0	.4		.0																									203	203	90	13			
74/ 73	.2	2.5	2.9	2.5	.5	.3																											217	217	222	95			
72/ 71	.4	4.9	4.0	1.9	.6	.2	.0																										299	300	313	232			
70/ 69	.9	5.5	3.5	1.3	.8	.3	.0																										309	309	356	339			
68/ 67	.9	4.3	3.7	1.4	.4	.2																											276	276	322	362			
66/ 65	.6	4.1	2.3	1.2	.4		.0																										213	213	294	302			
64/ 63	.8	3.3	2.0	.6	.2			.0																									176	176	253	281			
62/ 61	.4	2.5	1.1	.4																													110	110	211	226			
60/ 59	.5	2.2	.8	.3																													92	92	160	203			
58/ 57	.6	1.2	.3	.2																													56	56	96	151			
56/ 55	.2	.6	.3	.1																													31	31	66	119			
54/ 53	.2	.2	.1																														14	14	35	57			
52/ 51	.2	.5	.2																														22	22	24	53			
50/ 49	.2	.2	.0																														10	10	15	22			
46/ 47		.0	.1																														3	3	9	11			
46/ 45		.0																															1	1	3	11			
44/ 43		.0																															1	1	1	4			
42/ 41																																		1	1	1	1		
40/ 39																																			1	1	1	1	
30/ 29																																				1	1	1	1
TOTAL	6.1	33.6	27.4	17.0	8.9	4.1	2.1	.5	.3	.0	.0																							2485	2486	2485			

USAF ETAC FORM 34 0-26-5 (OL. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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.	17418511	206169	83.011	2.236	2485							
Dry Bulb	12300495	173983	70.0	7.072	2485			65.7	22.6	8.6	.0	93
Wet Bulb	10950386	164556	66.2	5.799	2485			49.3	12.2			93
Dew Point	10354566	159722	64.3	5.970	2485			39.0	4.1			93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb
98/97									.1	.0	.2	.1					9	9	
96/95									.4	.2	.1	.1					19	19	
94/93							.0	.2	.9	.7	.3	.0	.0				55	55	
92/91						.0	.4	1.1	1.0	.5	.0	.1	.0				80	80	
90/89						.4	1.0	1.8	1.1	.3	.1	.1					119	119	
88/87					.1	1.3	2.4	1.1	.7	.2	.2						151	151	
86/85				.1	.8	2.7	2.1	1.0	.6	.2	.2						189	189	
84/83			.0	.4	1.4	2.3	1.5	.8	.7	.2	.2						187	187	
82/81		.0	.1	1.0	3.0	2.3	1.3	.8	.6	.2	.0						237	238	3
80/79		.1	.5	1.6	2.7	2.0	1.2	1.1	.4	.1	.0						244	244	59
78/77		.2	1.1	1.4	1.9	1.6	1.5	.4	.2								211	211	186
76/75	.0	.4	2.1	2.5	1.5	1.4	.8	.4	.2								230	230	331
74/73	.0	1.4	1.9	1.6	1.6	1.5	.8	.3	.0								226	226	347
72/71	.2	1.4	2.0	1.5	1.2	.8	.3	.3	.0	.0							192	192	356
70/69		1.1	1.3	1.3	.7	.6	.2	.0									135	135	306
68/67	.0	.9	.6	.6	.4	.2	.2	.0									73	73	242
66/65		.7	.9	.4	.2	.3	.1										66	66	255
64/63	.1	.4	.2	.2	.1	.1	.1										31	31	172
62/61	.1	.3	.2	.2	.0	.0											21	21	107
60/59	.1	.0	.1	.0	.0	.0											9	9	62
58/57					.0												1	1	31
56/55																			16
54/53																			8
52/51																			4
50/49																			
48/47																			18
46/45																			13
44/43																			8
42/41																			4
40/39																			1
TOTAL	.6	7.1	11.1	13.0	15.8	17.8	13.9	9.3	6.7	2.9	1.3	.5	.2				2485	2486	2485
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\% \bar{X}$	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	11275166	163576	55.8	14.297	2485	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	15628330	196218	78.9	7.533	2486			88.2	73.2	44.3	3.1	93							
Wet Bulb	12270638	174116	70.1	5.342	2485			68.5	34.7	.7		93							
Dew Point	10855605	163519	65.8	6.206	2485			50.3	9.9			93							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG

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
106/105														.0				1	1		
104/103														.0				1	1		
102/101												.2	.2	.2				12	12		
100/99										.1	.4	.8	.3	.1			.0	43	43		
98/97									.3	.6	1.1	.9	.4	.2		.0		88	98		
96/95						.0	.1	.1	.8	1.3	1.6	.3	.2	.1	.0			116	116		
94/93							.4	.6	1.2	1.9	.8	.4	.2	.2				140	140		
92/91					.0	.4	1.2	1.0	2.2	1.6	.6	.4	.2					187	187		
90/89				.1	.1	1.2	2.0	2.2	1.9	1.0	.5	.2	.2	.0	.0			235	235		
88/87			.0	.0	.2	1.1	2.5	1.8	1.1	1.4	.0	.3	.2	.0				231	231		
86/85			.0	.2	.3	1.7	2.2	1.9	1.2	1.0	.7	.2	.1					233	233	3	
84/83			.4	1.0	1.9	1.4	1.5	1.5	1.1	.4	.2							231	231	11	3
82/81			.1	.6	1.0	1.7	1.6	1.0	1.3	.8	.1							207	207	42	5
80/79			.3	1.0	1.3	.8	1.0	1.1	.9	.3	.1							170	170	175	10
78/77		.0	1.0	1.1	1.1	.6	1.0	.8	.4	.1	.0							157	157	262	46
76/75	.0	.3	.9	.9	.8	.5	.8	.6	.4	.0	.1							133	133	410	103
74/73		.3	1.2	.6	.4	.5	.3	.2	.3	.1								96	96	320	190
72/71	.0	.4	.5	.6	.4	.4	.1	.2	.2									74	74	307	283
70/69		.3	.6	.2	.3	.0	.1	.2	.1									45	45	258	390
68/67	.1	.3	.1	.3	.1	.0	.1	.2										30	30	213	300
66/65	.0	.2	.4	.2	.1			.0										25	25	211	221
64/63	.1	.2	.1	.2				.0										15	15	123	206
62/61	.0	.2																5	5	70	163
60/59	.1																	2	2	32	142
58/57																				25	123
56/55																				11	105
54/53																				5	68
52/51																				2	42
50/49																					25
48/47																					21
46/45																					15
44/43																					9
42/41																					5
40/39																					4
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG  
 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	
106/105														.1				2	2			
104/103														.0				1	1			
102/101													.1	.4	.0	.0	.1	17	17			
100/99											.2	.6	.4	.3	.1	.1		43	43			
98/97						.1	.0	.1	.3	.3	1.4	.8	.4	.2	.0			89	89			
96/95						.1	.5	.6	1.3	1.7	.9	.4	.4	.1				148	148			
94/93			.0		.1	.5	1.0	1.3	1.6	1.5	.5	.4	.3	.1				179	179			
92/91				.1	.6	1.2	1.1	2.1	2.2	.8	.3	.2						211	211			
90/89	.0			.4	1.3	1.9	2.1	1.9	1.4	.9	.3	.3	.1					253	253	1		
88/87			.1	.2	1.3	2.1	1.2	1.3	.9	1.1	.4	.2						217	217	1		
86/85			.0	.2	.6	1.8	1.9	1.5	1.2	.7	1.4	.3	.1					242	242	4	1	
84/83		.0		.3	1.4	1.7	1.3	1.8	1.1	.4		.1						246	246	6		
82/81			.1	.8	1.4	1.0	1.7	.7	1.3	.5	.1							188	188	76	8	
80/79		.0	.4	.7	1.2	.8	.8	1.1	.8	.2		.0						150	150	135	26	
78/77		.1	.4	1.4	.8	.6	.6	.6	.5	.1	.1	.0						130	130	289	75	
76/75		.1	.7	.6	1.2	.9	.5	.4	.2		.0							115	115	398	99	
74/73		.7	.4	.5	.6	.3	.3	.4	.2	.2								93	93	347	178	
72/71		.5	.5	.5	.3	.1	.1	.1	.2									57	57	302	267	
70/69		.4	.5	.3	.2	.1	.1	.2	.0									45	45	255	350	
68/67		.2	.2	.2	.1	.2												22	22	243	270	
66/65		.0	.0	.0														3	3	187	229	
64/63	.1	.0	.2	.0														10	10	105	231	
62/61	.1	.4	.0															12	12	53	172	
60/59			.0															1	1	32	140	
58/57																				17	137	
56/55																				14	99	
54/53																				1	71	
52/51																					49	
50/49																					29	
48/47																					20	
46/45																					11	
44/43																					3	
42/41																					8	
40/39																					2	
Element (X)	Σx'	Σx	Σ	Σx	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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 AUG  
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																					
36/ 37																																						1				
TOTAL	.2	2.6	3.4	5.9	8.4	10.9	12.7	12.8	13.7	10.4	9.6	4.3	2.5	1.8	.4	.1	.1		2474		2476		2474		2476																	
Element (X)	$\sum X^2$	$\sum X$	X	$e_x$	No. Obs.	Mean No. of Hours with Temperature						Total																														
Ref. Hum.	7807117	133671	54.0	15.378	2474	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																														
Dry Bulb	18182802	211212	85.4	7.816	2474			92.0	87.4	72.2	18.0	93																														
Wet Bulb	12919573	178351	72.0	5.416	2476			77.6	47.6	6.2		93																														
Dew Point	10807214	162606	65.7	7.203	2476			47.9	14.5	.7		93																														

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/S MAN AAF 38-46,48-53,62-72  
STATION STA\* ON NAME YEARS

AUG  
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															
100/ 99													.1					2	2																	
98/ 97									.1			.0	.0	.0	.0	.0	.0	6	6																	
96/ 95								.0	.0			.1		.0			8	8																		
94/ 93							.1	.1	.0		.2	.1	.1				22	22																		
92/ 91						.2	.2	.5	.4	.3	.1	.1	.1				47	47																		
90/ 89					.3	.6	.5	.7	.9	.2	.3	.1					86	86																		
88/ 87				.2	.7	.9	.7	.8	.6	.3	.3						102	102																		
86/ 85			.2	.8	1.2	2.0	1.3	.9	.6	.3	.3	.1					177	177																		
84/ 83			.5	1.0	1.8	1.7	1.5	.6	.3	.2	.1	.1					183	183	1																	
82/ 81		.2	.7	2.2	1.6	1.3	1.2	.7	.6	.1	.0						205	205	35	4																
80/ 79	.0	.5	1.6	2.3	2.2	1.7	1.3	.6	.3	.0	.0						250	250	89	29																
78/ 77		.6	2.5	2.4	1.8	.8	.9	.4	.1	.0							221	223	159	82																
76/ 75	.0	1.1	2.8	2.3	1.3	1.2	.7	.5									231	232	254	110																
74/ 73	.1	1.8	2.0	1.7	1.2	.9	.3	.0	.0	.0							193	193	316	212																
72/ 71	.1	2.5	1.7	1.8	1.1	.4	.3	.0	.0								184	184	344	259																
70/ 69	.3	1.5	2.5	1.3	.4	.2	.2	.0									149	149	291	305																
68/ 67	.0	1.6	1.5	.9	.4	.2	.0	.0									108	108	247	291																
66/ 65	.1	.9	1.1	.7	.2	.1	.0										73	73	243	230																
64/ 63	.1	.6	.6	.1	.1	.1											38	38	152	203																
62/ 61	.1	.8	.3	.1													31	31	96	200																
60/ 59		.3	.0	.0	.0	.0											12	12	57	149																
58/ 57		.2	.1		.0	.0											9	9	30	105																
56/ 55		.1			.0												4	4	14	69																
54/ 53		.0															1	1	8	35																
52/ 51			.0														1	1	3	30																
50/ 49																			1	11																
48/ 47																			3	7																
46/ 45																				3																
44/ 43																				4																
42/ 41																				4																
36/ 35																				1																
TOTAL	1.0	12.5	16.1	17.8	14.5	12.2	9.4	5.8	4.1	2.0	1.3	.7	.3	.1	.0	.0	2343	2346	2343																	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Ref. Hum.	12297195	165889	70.8	15.351	2343	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	14254218	182012	77.6	7.531	2346			86.3	68.8	38.6	1.5	93																								
Wet Bulb	11606099	164387	70.2	5.566	2343			68.9	33.9	3.1		93																								
Dew Point	10485236	155990	66.6	6.534	2343			51.3	17.3	.4		93																								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72

AUG  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
90/ 89									.0	.0	.1	.0	.0							6	6				
88/ 87							.1	.3	.1	.1	.0	.0								15	15				
86/ 85				.0	.3	.3	.4	.3	.0	.1	.0									35	35				
84/ 83			.2	.3	.5	.5	.4	.2		.2										54	54				
82/ 81		.1	.6	1.1	1.0	.8	.3	.1	.0											91	91				
80/ 79		.8	1.8	1.6	.7	.7	.3	.0	.0											134	134	10	3		
78/ 77		1.1	2.1	2.2	.9	.4	.1	.0			.0									158	158	62	24		
76/ 75	.1	2.1	3.4	2.5	1.4	.3	.2	.0		.0										231	231	125	85		
74/ 73	.2	3.0	4.0	1.9	1.0	.4	.1			.0										240	240	220	114		
72/ 71	.4	6.2	2.7	1.5	1.0	.1	.0													272	275	287	206		
70/ 69	.6	4.8	3.7	2.2	.7	.4	.0													283	283	367	338		
68/ 67	.6	3.8	2.9	1.5	.5	.2														217	217	276	313		
66/ 65	.2	3.9	2.7	.8	.4	.0	.0													182	182	232	234		
64/ 63	.3	3.3	1.4	.4	.2	.0														128	128	227	231		
62/ 61	.2	2.5	1.2	.4	.1															98	98	178	223		
60/ 59	.2	2.0	.5	.2	.1		.0													70	70	131	183		
58/ 57	.1	.8	.1	.0	.0	.0	.0													26	26	79	124		
56/ 55		.7	.1	.0	.0	.0														20	20	31	85		
54/ 53		.5	.0	.1																16	16	27	50		
52/ 51	.0	.0	.0	.0																3	3	16	28		
50/ 49		.0	.2																	6	6	3	13		
48/ 47																						8	8		
46/ 45																						6	6		
44/ 43																							2		
42/ 41																							10		
40/ 39																							1		
38/ 37																							3		
36/ 35																							1		
TOTAL	2.8	35.5	27.6	16.9	8.6	4.2	2.1	1.1	.3	.5	.2	.1	.0							2285	2288	2285			
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	15754255	187711	82.1	12.092	2285	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	11711461	162949	71.2	6.821	2288			70.7	39.2	10.8		93													
Wet Bulb	10394820	153544	67.2	5.814	2285			54.8	17.0	.2		93													
Dew Point	9785780	148830	65.1	6.345	2285			44.1	9.2			93													

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

SEP  
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			
92/ 91																		1	1					
84/ 83				.0				.0		.0								3	3					
82/ 81			.0				.0	.1	.0									5	5					
80/ 79			.1	.4	.2		.3	.1	.1									27	28	1				
76/ 77			.3	.8	.1	.1												26	29	1	1			
76/ 75		.1	.6	.7	.3		.1	.0	.0									44	45	4	1			
74/ 73	.0	.9	1.1	1.1	.2	.2	.1		.0	.0								78	78	19	6			
72/ 71	.3	2.5	1.1	.9	.4	.1	.0		.0									116	116	81	41			
70/ 69	.4	3.0	1.7	.8	.3	.1	.1											137	138	112	101			
68/ 67	.8	3.4	1.8	.5	.3	.1	.1											145	149	169	130			
66/ 65	.6	4.3	.9	.8	.2	.2												150	155	132	126			
64/ 63	1.2	4.9	1.9	.8	.4	.2												199	201	199	163			
62/ 61	.4	3.9	.9	.4	.4	.1	.0											133	137	148	167			
60/ 59	.8	3.9	1.5	.6	.4	.1												156	157	161	161			
58/ 57	.5	5.0	1.9	.5	.3													172	172	160	139			
56/ 55	.7	3.3	1.3	.3	.1	.0												120	120	175	170			
54/ 53	.7	3.7	1.0	.4		.1												124	124	137	157			
52/ 51	.8	3.3	1.1	.2	.0													115	115	137	124			
50/ 49	.9	4.1	.7	.2														123	123	132	159			
48/ 47	.6	3.2	.3	.0														88	88	124	129			
46/ 45	.0	2.2	.2	.0														52	52	81	114			
44/ 43	.0	1.2	.0															27	27	51	78			
42/ 41	.3	.6	.0	.1														21	21	27	60			
40/ 39	.3	.8	.2															27	27	23	27			
38/ 37	.0	.2	.0															7	7	16	21			
36/ 35		.2	.0															6	6	11	5			
34/ 33	.0																	1	1	3	17			
32/ 31		.1																2	2	2	3			
30/ 29	.0	.0																2	2	3	9			
TOTAL	9.6	54.7	18.9	9.7	3.7	1.7	.9	.3	.3	.1	.0	.0						2	2129	3	2109			
																		2109		2109				

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	16038974	182442	86.5	11.032	2109	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7941244	128504	60.4	9.321	2129		.2	25.0	8.0	.9		90
Wet Bulb	7181388	121726	57.7	8.594	2109		.2	16.5	1.1			90
Dew Point	6776719	118079	56.0	8.866	2109		.5	11.9	.3			90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	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				
92/ 91																					1	1			
90/ 89																						2	2		
82/ 81																						1	1		
80/ 79				.0	.2			.2	.1	.1											15	15			
78/ 77				.2	.3	.2	.0	.2													19	19			
76/ 75				.6	.6	.1	.1	.1													33	34		1	
74/ 73			.5	.9	.7	.2	.0														51	53	13	1	
72/ 71		1.9	1.0	.7	.6	.2				.0											99	101	50	27	
70/ 69	.4	2.8	1.4	.6	.1	.0			.1												124	127	106	76	
68/ 67	.6	3.5	2.1	.2	.1	.1	.1														150	150	139	142	
66/ 65	1.1	4.5	1.4	.4	.1	.0															169	169	167	118	
64/ 63	1.5	4.4	1.6	.9	.3	.0															192	198	214	191	
62/ 61	.9	4.4	.9	.5	.4	.0				.0											158	161	146	160	
60/ 59	1.3	3.9	.9	.7	.1	.0				.0											151	154	168	173	
58/ 57	.5	3.5	1.1	.5	.2	.0				.0											132	132	133	139	
56/ 55	1.1	4.6	1.8	.4	.1	.0				.0											181	181	160	141	
54/ 53	.9	3.6	1.1	.4																	132	132	159	152	
52/ 51	1.1	3.5	.8	.3	.1	.0	.0														129	129	162	159	
50/ 49	1.0	2.5	.8	.2																	102	102	131	158	
48/ 47	1.4	3.4	.4	.0																	119	119	116	119	
46/ 45	1.0	2.9	.4	.1																	98	98	130	144	
44/ 43	.4	2.7	.2																		72	72	89	111	
42/ 41	.6	.5	.1	.0																	28	28	66	81	
40/ 39	.5	.5	.1																		25	25	20	46	
38/ 37	.4	.4	.1																		22	22	25	33	
36/ 35	.1	.4																			13	13	15	16	
34/ 33	.1	.1																			5	5	13	16	
32/ 31	.0	.0																			2	2	1	9	
30/ 29	.2																				4	4	5	8	
24/ 23																								1	
TOTAL	15.1	54.5	17.9	8.0	2.6	.7	.7	.2	.1	.0	.0	.1									2229	2249	2229		
																						2229	2229		

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	17682691	197213	88.5	10.250	2229	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7932549	131817	58.6	9.586	2249			.2	20.1	5.0	.3	90
Wet Bulb	7265732	125692	56.4	8.939	2229			.2	12.5	.6		90
Dew Point	6910010	122426	54.9	9.134	2229			.7	9.9	.0		90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

YEARS

SEP  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																
90/ 89																																	1	1		
88/ 87																				.1	.0												3	3		
86/ 85																			.1	.0													3	3		
84/ 83																			.1	.1	.0												5	5		
82/ 81																			.1	.3	.1												18	18		
80/ 79																			.2	.1	.1												25	25		
78/ 77																			.8	.3	.1	.0	.0										60	61		
76/ 75																			.7	.1	.1	.0											78	78	7	2
74/ 73																			.6	.3	.1												90	94	45	6
72/ 71																			.3	.1	.1	.1											135	138	81	56
70/ 69																			.3	.1	.1	.0											149	150	166	80
68/ 67																			.5	.3	.1												176	178	164	160
66/ 65																			.5	.3	.1												176	180	192	171
64/ 63																			.5	.1	.0	.0											187	188	184	214
62/ 61																			.5	.2													189	190	144	177
60/ 59																			.6	.1													184	186	215	144
58/ 57																			.3	.1													161	161	166	176
56/ 55																			.5	.1	.0												184	184	196	164
54/ 53																			.9	.2	.1												135	135	203	174
52/ 51																			.9	.1	.0												112	112	160	179
50/ 49																			.4	.2													89	89	133	184
48/ 47																			.2	.0													83	83	92	142
46/ 45																			.4	.1													73	73	100	108
44/ 43																			.2	.0	.0												45	45	69	95
42/ 41																			.7	.2	.0												28	28	48	54
40/ 39																			.3	.1													17	17	26	57
38/ 37																			.2	.2	.0												13	13	19	37
36/ 35																			.2	.1													8	8	11	21
34/ 33																			.1	.1													4	4	7	14
32/ 31																			.0	.1													3	3	5	9
30/ 29																			.0														1	1	2	7
28/ 27																																				2
26/ 25																																				1

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

Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	*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												



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53.62-72 YEARS SEP MONTH  
 PAGE 1 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	* 31	Dry Bulb	Wet Bulb	Dew Point
102/101																.0			1	1	
98/ 97																.0	.1		4	4	
96/ 95																.0			5	5	
94/ 93																.1			16	16	
92/ 91																.0			19	19	
90/ 89									.0	.1	.4	.2	.3	.1	.0	.1	.1		34	34	
88/ 87								.2	.7	.6	.4	.2	.0	.0	.0				52	52	
86/ 85						.0	.7	.8	.5	.6	.1	.2	.0	.0					75	78	
84/ 83				.1	.5	1.1	1.0	.7	.3	.2	.2	.1	.1						102	104	
82/ 81			.0	.3	1.2	1.1	1.0	.5	.3	.1	.0	.0							110	112	
80/ 79				.8	1.6	1.1	.9	.7	.6	.3	.1	.1							149	150	1
78/ 77				.2	1.4	1.4	1.2	.7	.7	.3	.2								153	160	27
76/ 75		.2	.5	1.2	1.0	1.4	1.1	.9	.5	.3	.0								172	172	92
74/ 73		.2	.9	1.9	1.3	1.2	.9	.7	.4	.2	.0								188	190	142
72/ 71		.4	.9	1.1	1.0	1.1	1.4	.7	.5	.1									190	191	209
70/ 69	.0	.8	1.4	1.0	1.1	1.4	1.2	.7	.2										189	190	184
68/ 67	.1	1.1	1.9	.8	.9	1.3	.9	.4	.2	.0									188	188	187
66/ 65	.2	1.2	.7	1.2	1.5	1.2	.9	.2	.0										173	173	226
64/ 63	.1	1.4	1.1	.9	1.1	.9	.3	.2											146	146	220
62/ 61	.2	.9	.5	1.1	.9	.5	.2	.2											108	108	191
60/ 59	.1	.9	1.0	.9	.6	.6	.4												111	111	216
58/ 57		.8	.6	.7	.3	.5	.1												72	72	183
56/ 55	.1	.4	.6	.5	.6	.2	.1												60	60	172
54/ 53		.4	.3	.2	.1	.2	.0												27	27	126
52/ 51		.2	.2	.3	.2	.1	.1												29	29	72
50/ 49		.2	.0	.0	.1	.1	.1												14	14	60
48/ 47	.1	.3	.2	.1															18	18	44
46/ 45		.2	.2	.1		.0													12	12	27
44/ 43		.1	.0	.1															7	7	22
42/ 41																				13	41
40/ 39																				5	41
38/ 37																				5	34
36/ 35																					9
34/ 33																					3
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	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 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 SEP  
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
32/ 31																				12
30/ 29																				4
26/ 25																				5
22/ 21																				1
20/ 19																				1
TOTAL	.9	9.8	11.3	14.9	16.1	16.0	13.0	8.3	5.0	2.4	1.3	.5	.2	.2	.0		2443		2424	
																2424		2424		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10663062	155834	64.3	16.264	2423							
Dry Bulb	12589138	173748	71.1	9.748	2443			61.4	40.4	18.5	1.0	90
Wet Bulb	9681789	151983	62.7	7.935	2424			31.3	9.7			90
Dew Point	8222567	139323	57.5	9.415	2424			.9	17.0	1.3		90

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

SEP

STATION

STATION NAME

YEARS

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															
110/109																		.0	1	1																
106/103																		.0	2	2																
104/103																		.1	2	2																
102/101																	.2	7	7																	
100/99																	.0	6	6																	
98/97																	.0	23	23																	
96/95								.1	.2	.3	.3	.2	.1	.2	.0			38	38																	
94/93					.0	.1	.0	.3	.2	.5	.2	.4	.2	.2	.0			56	57																	
92/91						.1	.3	.7	.6	.4	.6	.2	.0	.0				79	80																	
90/89						.1	.6	1.2	1.2	.7	.7	.4	.3	.0				131	135																	
88/87						.1	1.2	1.0	1.0	.5	.6	.5	.2	.0	.0			125	134																	
86/85						.6	1.2	1.1	.9	.6	.4	.3	.2	.0				129	132	2																
84/83					.3	.7	.7	.9	.6	.9	.7	.2	.0					128	128	1																
82/81			.1	.2		.7	1.1	1.1	1.0	1.2	.7	.1	.3	.2				165	165	3																
80/79			.2	.5	1.3	1.0	.7	1.0	1.8	.9	.6	.2	.1					199	200	17																
78/77			.2	.5	.9	1.1	1.3	1.5	1.1	1.0	.3	.1						195	195	68																
76/75		.2	.5	.9	.8	1.2	.8	1.4	1.2	.7	.3	.0						193	195	155																
74/73		.1	.6	1.1	.5	.7	.8	1.0	1.0	.7	.1	.0						163	164	182																
72/71		.3	.7	.8	.5	.6	.8	1.1	.9	.4	.1							149	149	211																
70/69		.5	.8	.7	.6	.7	.7	1.1	.7	.1								143	144	209																
68/67	.1	.5	.5	.3	.6	.7	.7	.5	.2									99	99	220																
66/65	.0	.5	.7	.3	.5	.4	.6	.7	.3									95	95	248																
64/63		.6	.4	.4	.5	.1	.5	.5	.1									76	76	217																
62/61	.0	.5	.3	.2	.2	.4	.3	.3	.0									59	59	170																
60/59	.0	.5	.6	.3	.2	.2	.3	.0										54	54	180																
58/57	.1	.5	.2	.0	.0	.1	.2	.1										31	31	169																
56/55		.4	.1	.2	.0	.2	.1	.1										26	26	131																
54/53		.3	.0	.0	.1	.1	.0											15	15	73																
52/51		.0	.1		.1	.0												6	6	63																
50/49	.1	.2	.1	.1														14	14	35																
48/47		.1	.1	.0														6	6	26																
46/45		.2	.1	.0														5	5	18																
44/43		.0	.1															4	4	18																
42/41																				5																

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS SEP MONTH  
 PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39																					46
38/ 37																				3	41
36/ 35																					21
34/ 33																					18
32/ 31																					15
30/ 29																					6
28/ 27																					2
26/ 25																					4
24/ 23																					1
TOTAL	.4	5.3	6.1	7.0	7.9	10.4	13.0	15.0	13.4	8.6	5.4	3.4	2.2	.8	.6	.4	.2		2447		2424
																		2424		2424	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	7740384	130026	53.6	17.776	2424							
Dry Bulb	14771980	188420	77.0	10.380	2447			75.6	61.2	37.5	5.0	90
Wet Bulb	10306650	155924	64.7	7.809	2424			39.7	15.9	.4		90
Dew Point	8204697	138909	57.3	10.044	2424		1.0	19.0	2.3	.1		90

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

SEP  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb
110/109																	.0	1	1	
108/107																	.0	1	1	
106/105																	.1	2	2	
104/103																	.1	3	3	
102/101																	.0	7	7	
100/99																	.1	9	9	
98/97																	.0	21	21	
96/95																	.0	36	36	
94/93																	.0	53	54	
92/91																	.1	72	73	
90/89																	.0	129	130	
88/87																	.0	121	127	
86/85																	.0	126	131	
84/83																	.0	161	163	
82/81																	.0	160	161	1
80/79																	.0	193	197	19
78/77																	.0	213	213	70
76/75																	.0	186	186	142
74/73																	.0	158	160	185
72/71																	.0	166	167	193
70/69																	.0	143	143	246
68/67																	.0	105	105	229
66/65																	.0	77	77	234
64/63																	.0	73	73	216
62/61																	.0	68	68	183
60/59																	.0	54	54	191
58/57																	.0	26	26	171
56/55																	.0	12	12	116
54/53																	.0	18	18	69
52/51																	.0	14	14	71
50/49																	.0	9	9	33
48/47																	.0	2	2	15
46/45																	.0	6	6	19
44/43																	.0	2	2	12
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature					Total				
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 10-64 0-26-5 (OL-2) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41			.0															1	1	6	65
40/ 39																				2	61
38/ 37																				1	31
36/ 35																					13
34/ 33																					16
32/ 31																					13
30/ 29																					6
28/ 27																					3
26/ 25																					2
24/ 23																					1
TOTAL	.6	5.5	3.8	7.2	8.1	10.3	13.0	13.6	13.1	9.0	6.0	3.3	2.1	1.2	.5	.3	.2		2448		2424
																		2424		2424	

Element (X)	Σ x'	Σ x	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7768460	130062	53.718	0.055	2424							
Dry Bulb	14812368	188776	77.110	0.209	2448			76.7	61.4	37.9	4.9	90
Wet Bulb	10320171	157089	64.8	7.599	2424			40.3	15.5	.1		90
Dew Point	8213665	139059	57.4	9.873	2424		.9	19.2	2.7			90

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-46, 48-53, 62-72

SEP  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
100/ 99																.0																	1	1		
98/ 97																.0																	1	1		
96/ 95																.0																	2	2		
94/ 93																.0																	3	3		
92/ 91																.0																	7	7		
90/ 89											.0					.0																	11	11		
88/ 87							.0		.2		.4					.1																	26	26		
86/ 85						.1	.0		.3		.5					.2																	30	30		
84/ 83					.1	.0	.5		.3		.4					.1																	49	50		
82/ 81				.1	.3	.7	.9		.3		.6					.0																	62	63		
80/ 79		.1	.3	1.0	1.4	.8	.4		.6		.1					.0																	108	111	3	
78/ 77		.1	.3	1.3	1.4	.5	.4		.6		.2					.0																	112	118	17	
76/ 75		.5	1.3	1.0	1.0	.9	.6		.4		.1					.1																	134	135	54	
74/ 73	.0	.6	2.0	1.4	.9	.7	.4		.3		.1					.1																	157	158	102	
72/ 71	.3	1.2	1.9	1.2	1.4	.7	.4		.1		.1					.0																	166	171	170	
70/ 69	.2	2.0	2.2	1.4	1.2	.7	.4		.2		.0					.0																	190	195	189	
68/ 67	.1	1.2	2.0	1.8	.9	.6	.4		.3		.0					.0																	179	180	171	
66/ 65	.1	1.7	2.7	1.8	.6	.8	.6		.1		.0					.0																	189	189	203	
64/ 63	.0	2.0	2.1	1.3	.6	.6	.1		.0		.0					.0																	156	156	198	
62/ 61	.0	1.8	1.8	1.3	.5	.4	.1		.0		.0					.0																	138	138	215	
60/ 59	.1	2.1	1.5	1.3	.7	.3	.1		.0		.0					.0																	137	137	179	
58/ 57	.1	1.8	1.4	.8	.4	.2	.0		.0		.0					.0																	109	109	165	
56/ 55	.2	1.3	1.4	.8	.3	.1	.0		.0		.0					.0																	94	94	164	
54/ 53	.0	1.4	.8	.3	.1	.0	.0		.0		.0					.0																	60	60	121	
52/ 51	.2	.8	.4	.4	.0	.0	.0		.0		.0					.0																	42	42	122	
50/ 49	.1	.7	.8	.2	.2	.0	.0		.0		.0					.0																	45	45	62	
48/ 47	.1	.4	.3	.2	.0	.0	.0		.0		.0					.0																	25	25	50	
46/ 45	.0	.5	.4	.1	.0	.0	.0		.0		.0					.0																	24	24	32	
44/ 43		.2	.0	.1	.0	.0	.0		.0		.0					.0																	8	8	22	
42/ 41			.1	.0	.0	.0	.0		.0		.0					.0																	3	3	22	
40/ 39		.0	.0	.0	.0	.0	.0		.0		.0					.0																	1	1	2	
38/ 37			.0	.0	.0	.0	.0		.0		.0					.0																			5	12
36/ 35			.0	.0	.0	.0	.0		.0		.0					.0																				13
34/ 33			.0	.0	.0	.0	.0		.0		.0					.0																				10
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

2  
X

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-46,48-53,62-72 YEARS SEP 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					
32/ 31																									2	
30/ 29																										2
TOTAL	1.7	20.5	24.7	18.1	12.9	9.5	5.7	3.8	1.3	.7	.4	.3	.2		.0	.1						2269	2293	2269	2269	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum	12880529	167489	73.8	15.100	2269	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	90														
Dry Bulb	10689478	155004	67.6	9.604	2293			49.5	28.1	9.5	.3	90														
Wet Bulb	8804733	140171	61.8	8.008	2269			28.0	7.0	.1		90														
Dew Point	7862202	132052	58.2	8.834	2269		.2	18.5	1.9			90														

USAF/ETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-39,41-46,48-53,62-72 YEARS

SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb		Dew Point		
88/ 87																				1	1		
86/ 85									.1	.0	.1									5	5		
84/ 83			.0		.1	.0		.2	.1											11	11		
82/ 81			.1	.1	.1	.1	.1	.1	.1											16	16		
80/ 79			.1	.6	.4	.4	.2	.1	.0	.0										42	44	1	
78/ 77		.0	.6	1.0	.6	.2	.0	.1	.0	.0										56	57	5	2
76/ 75		.3	.8	.8	.6	.1	.1	.0	.0	.0										60	60	7	3
74/ 73		1.0	2.1	1.5	.4	.2	.1	.1	.1	.0										117	119	48	15
72/ 71	.2	1.9	2.3	1.1	.6	.1	.1	.1	.0											138	139	96	52
70/ 69	.5	2.7	1.6	1.2	.6	.5	.1	.1	.0											157	161	165	120
68/ 67	.6	1.8	2.4	.9	.5	.1	.3	.0												141	147	159	153
66/ 65	.3	3.4	2.7	.8	.5	.4	.2													177	183	135	119
64/ 63	.4	3.8	3.2	.7	.6	.3	.1													195	196	178	156
62/ 61	.1	3.4	2.2	1.3	.4	.1														162	162	182	172
60/ 59	.1	4.1	2.0	.7	.3	.0														159	159	188	162
58/ 57	.1	3.1	1.8	1.0	.2	.1	.2													138	138	178	201
56/ 55	.5	2.3	1.5	.7	.2	.1	.0													118	118	172	153
54/ 53	.3	3.2	1.6	.3	.2															121	121	124	142
52/ 51	.7	3.9	1.3	.1	.1															134	134	143	140
50/ 49	.5	2.2	.6	.0																72	72	156	181
48/ 47	.2	1.4	.3	.1	.0															46	46	72	112
46/ 45	.2	1.2	.3																	38	38	61	95
44/ 43	.0	.5	.3	.1																21	21	37	74
42/ 41	.0	.6	.0	.0																17	17	15	30
40/ 39		.5	.0																	11	11	23	26
38/ 37		.1																		3	3	9	21
36/ 35		.1																		2	2	4	13
34/ 33		.0																		1	1		11
32/ 31		.0																		1	1	2	5
30/ 29																							2
TOTAL	4.8	41.8	27.8	13.3	6.4	2.8	1.5	.7	.6	.1	.2									2160	2183	2160	2160

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	15081926	178522	82.6	12.312	2160			.0	31.3	12.9	2.3	90
Wet Bulb	8723362	136532	62.3	9.138	2160			.1	20.0	2.5		90
Dew Point	7121231	122583	56.8	8.729	2160			.3	14.4	.8		90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

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					
76/ 75			.0		.1		.0	.1										6	6							
74/ 73		.0	.2	.4		.1		.0										17	17							
72/ 71		.2	.5	.1	.0	.2	.1	.1										27	28	2						
70/ 69	.0	.3	.2	.3	.2	.4	.1	.1										38	43	18	6					
68/ 67	.0	.3	.8	.4	.5	.5	.3	.1	.1									65	65	28	22					
66/ 65		1.1	1.1	.6	.3	.4	.1											78	80	19	23					
64/ 63	.1	1.2	.7	.5	.4	.7	.2	.0	.1									82	83	67	31					
62/ 61	.3	1.6	.8	.6	.3	.1	.1		.1									83	84	66	55					
60/ 59	.3	1.6	1.0	.5	.2	.4	.1			.0								88	88	89	64					
58/ 57	.4	2.5	1.5	.6	.5	.4	.2	.0										128	128	106	73					
56/ 55	.3	2.9	1.1	.6	.8	.2	.2	.0										125	125	124	91					
54/ 53	.2	2.3	1.3	1.4	.2	.4												120	120	116	117					
52/ 51	.5	3.8	1.5	.8	.5	.1												150	152	118	110					
50/ 49	.5	3.4	2.2	1.1	.3	.1												158	162	163	124					
48/ 47	.2	3.1	1.4	.7	.4	.1												121	121	150	133					
46/ 45	.3	4.5	1.2	.7	.0	.0												142	145	168	140					
44/ 43	.6	3.2	1.6	.5	.1													125	125	158	164					
42/ 41	.5	4.1	1.2	.5	.1													134	135	132	144					
40/ 39	.9	3.1	1.6	.9														135	138	166	167					
38/ 37	.5	1.6	.5	.3														60	62	101	128					
36/ 35	.2	2.4	.2															58	58	92	102					
34/ 33	.3	1.6	.3															46	46	68	98					
32/ 31		1.2	.2															29	32	47	96					
30/ 29	.1	.9	.1															23	23	22	58					
28/ 27	.2	.2	.0															10	10	23	32					
26/ 25		.2	.1															7	7	6	42					
24/ 23		.4																8	8	11	13					
22/ 21		.0																1	1	4	11					
20/ 19																					9					
18/ 17																					7					
14/ 13																					2					
12/ 11																					1					
8/ 7																					1					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																				
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

DCI  
 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				
78/ 77				.0				.0										2	2						
76/ 75				.1		.1		.0										5	5						
74/ 73			.1	.1	.0			.0	.1									11	11						
72/ 71		.1	.2	.3		.0		.1										16	19	2					
70/ 69	.1	.5	.5	.2	.2	.0		.0										34	35	13	7				
68/ 67		.3	.5	.4	.4	.2		.0										34	36	22	16				
66/ 65	.1	1.1	.7	.6	.2	.3	.0	.0										70	70	32	22				
64/ 63	.2	1.0	1.1	.7	.2	.4												79	79	45	32				
62/ 61	.3	1.6	.9	.5	.4	.0	.1	.1										85	87	59	56				
60/ 59	.6	1.5	.7	1.0	.2	.0	.1	.1										92	93	102	65				
58/ 57	.5	2.5	1.0	.5	.2	.2	.0											109	109	90	75				
56/ 55	.5	3.1	.9	.5	.5	.2	.2											131	131	118	104				
54/ 53	.5	2.5	.8	.6	.5	.2												111	111	142	99				
52/ 51	.5	4.4	1.5	1.0	.4													172	175	109	121				
50/ 49	.5	3.4	2.0	1.1	.5	.0												168	171	147	129				
48/ 47	.7	3.0	1.9	.6	.2													142	146	158	150				
46/ 45	.6	3.9	1.4	.9	.1													151	151	191	133				
44/ 43	.9	3.3	1.3	.2														127	127	169	146				
42/ 41	1.0	3.9	1.2	.7	.0													151	151	151	168				
40/ 39	1.1	4.0	1.8	.2														156	156	157	193				
38/ 37	.9	2.8	.7	.3	.0													104	105	141	127				
36/ 35	.3	2.3	.7	.1														70	74	100	123				
34/ 33	.7	1.9	.3															64	64	89	123				
32/ 31	.5	1.4	.2															45	46	65	102				
30/ 29	.5	.7	.0															29	30	42	84				
28/ 27	.4	.7	.0															24	26	29	41				
26/ 25	.2	.4	.0															14	14	16	34				
24/ 23	.0	.2																6	6	10	20				
22/ 21	.0	.3																7	7	7	17				
20/ 19																				4	5				
18/ 17																					10				
16/ 15																					5				
14/ 13																					1				

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

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-70

OCT  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
TOTAL	11.7	50.8	20.1	10.5	4.0	1.7	.5	.4	.3									2210	2237	2208

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	15913332	185176	83.9	13.061	2207							
Dry Bulb	5576820	109172	48.8	10.551	2237		5.4	4.5	.7			93
Wet Bulb	4936311	102177	46.2	9.803	2210		7.3	1.6				93
Dew Point	4466992	96029	43.8	10.389	2208		13.4	1.0				93

USAF ETAC FORM 0-26 5 (OL A) JUN 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

MONTH OCT  
 YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
88/ 87											.0						.0	1	1	
80/ 79											.0							1	1	
78/ 77					.0	.0					.0							3	3	
76/ 75		.0	.0	.1			.1				.1							9	9	
74/ 73			.0	.3	.1		.1	.0			.0							14	14	1
72/ 71		.1	.2	.5	.2	.0					.0							24	26	4
70/ 69	.1	.4	.6	.4	.2	.0					.0							51	52	12
68/ 67	.0	.2	.8	.5	.3	.1	.1				.0							51	53	31
66/ 65	.2	.7	.6	.7	.4	.2												71	72	47
64/ 63	.2	1.3	1.2	.7	.4	.1	.2											102	104	58
62/ 61	.2	1.9	.9	.7	.7	.2	.0	.0										117	117	78
60/ 59	.9	1.8	1.3	1.0	.4	.2	.1	.1										143	144	132
58/ 57	.3	1.6	1.7	.8	.4	.2	.0											124	126	119
56/ 55	.4	2.7	1.5	.8	.6	.4	.1											160	161	123
54/ 53	.3	2.1	1.2	1.6	.3	.1	.0											139	140	160
52/ 51	.3	3.4	2.1	1.7	.6	.2												203	204	143
50/ 49	.7	2.9	1.5	1.7	.4	.1												180	181	166
48/ 47	.3	2.7	1.9	.8	.5	.0												157	160	189
46/ 45	.5	3.4	1.8	.7	.2	.0												165	165	192
44/ 43	.6	2.9	1.7	.5	.0													142	142	191
42/ 41	.8	2.1	1.7	.6	.0													134	134	169
40/ 39	1.2	2.2	1.5	.4	.2													133	134	154
38/ 37	.5	2.4	.8	.3	.0													98	99	136
36/ 35	.3	1.9	.7	.2														79	83	109
34/ 33	.3	1.5	.4	.0	.1													59	59	80
32/ 31	.4	1.3	.2	.2														50	50	75
30/ 29	.3	.7	.0															26	27	50
28/ 27	.3	.6	.0															18	19	26
26/ 25	.0	.3	.1															11	11	13
24/ 23	.1	.2																6	6	9
22/ 21	.0	.1																3	3	5
20/ 19	.0																	1	1	3
18/ 17																				7
16/ 15																				7
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

OCT

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
92/ 91																																	1	1		
88/ 87												.0										.1	.1										6	6		
86/ 85									.0		.0	.0	.1	.1											.1								10	10		
84/ 83									.0	.1	.2	.1	.1	.0																			19	19		
82/ 81							.0		.2	.2	.1	.2	.2	.2																			28	28		
80/ 79					.1		.1		.2	.6	.6	.2	.2	.1										.1									58	58		
78/ 77			.1		.6		.4		.4	.4	.4	.4	.2	.2																			68	71		
76/ 75		.0	.1	.4	.7		1.0		.5	.5	.5	.2	.1											.0									99	99		
74/ 73		.1	.4	.6	.8		.8		.7	.5	.4	.4	.0																				115	117	11	2
72/ 71		.1	.5	.6	1.0		.9		.6	.6	.6	.1	.1																				133	134	19	7
70/ 69	.0	.1	.4	.7	1.0		.6		1.0	.6	.9	.2																					147	149	66	12
68/ 67		.2	.8	.8	.7		1.1		.7	1.0	.1	.0	.0											.0									141	142	85	33
66/ 65	.1	.4	.5	1.0	.8		1.3		1.1	.8	.2	.1																					150	151	126	59
64/ 63		1.0	.6	1.0	.9		1.3		.8	.5	.4	.1																					166	167	136	67
62/ 61	.1	.6	.7	.6	.9		1.4		.7	.6	.2	.0																					146	147	162	104
60/ 59	.2	1.0	1.0	1.0	1.3		1.3		.8	.4	.1																						177	182	149	118
58/ 57		1.0	1.3	1.4	1.3		.9		.5	.2	.1																						169	171	185	126
56/ 55	.0	1.0	1.0	1.2	1.4		1.3		.4	.1																							158	159	193	133
54/ 53	.1	.8	1.0	1.1	1.0		1.2		.3	.1																							138	138	212	138
52/ 51	.1	.7	.9	.8	.8		.5		.4																								107	103	191	144
50/ 49		.6	1.0	.9	1.2		.5		.1																								107	107	170	145
48/ 47	.1	.6	.7	1.3	.9		.2		.1																								97	99	159	172
46/ 45		.5	.7	1.1	.7		.2		.1																								80	80	151	145
44/ 43	.0	.8	.6	1.0	.4		.1		.0																								72	72	121	170
42/ 41	.0	.0	.6	.5	.1		.1																										34	34	118	144
40/ 39		.2	.3	.3	.2		.0																										25	25	80	132
38/ 37		.1	.2	.2	.1																												13	13	64	125
36/ 35		.1	.1	.2	.1																												11	11	34	105
34/ 33			.1	.1	.0																												7	7	16	108
32/ 31				.0																													1	1	12	90
30/ 29		.0																															1	1	10	56
28/ 27																																			6	34
26/ 25																																				46
24/ 23																																				18
Element (X)	Σ x'	Σ x	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-53,62-72 YEARS

OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																		
22/ 21																																						20	
20/ 19																																							6
18/ 17																																							6
16/ 15																																							7
14/ 13																																							4
12/ 11																																							3
TOTAL	.8	1.0	1.1	3.5	1.7	1.1	7.3	15.6	10.2	7.1	4.6	2.2	1.0	.4	.1																				2479	2507		2479	

Element (X)	Zx'	Zx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Rel. Hum	9960646	150992	60.9	17.558	2479							
Dry Bulb	9658203	133101	61.2	10.763	2502		.1	31.0	15.2	3.5		93
Wet Bulb	7249732	132114	53.3	9.183	2479		1.1	6.9	.5			93
Dew Point	5667524	115164	46.5	11.319	2479		10.9	2.0	.1			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

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															
98/ 97																.0		1	1																	
96/ 95																.0		1	1																	
94/ 93													.1			.1		5	5																	
92/ 91												.1	.1		.2	.1		11	11																	
90/ 89								.0	.2	.0	.2	.2	.2	.1				24	24																	
88/ 87							.1	.1	.4	.2	.6	.2	.2	.2	.1			51	51																	
86/ 85						.1	.1	.4	.6	.6	.8	.3	.2	.0				75	75																	
84/ 83						.2	.5	.4	.8	.7	.8	.2	.2	.0	.0			99	99																	
82/ 81			.1		.1	.4	.3	.8	.8	.7	.6	.3	.3	.2				116	117																	
80/ 79			.1		.4	.6	.5	1.0	.8	.8	.9	.2	.1	.0				122	136																	
78/ 77			.0	.1	.2	.4	.6	.6	.8	.9	.7	.6	.2					133	138																	
76/ 75		.0	.1	.2	.7	.8	.6	.8	1.0	1.4	.4	.2						156	159	10																
74/ 73		.1	.1	.3	.6	.7	.9	.9	1.0	.7	.8	.2						160	161	29	5															
72/ 71	.0	.2	.3	.5	.8	.8	.8	.6	1.0	.8	.5							157	159	68	14															
70/ 69		.1	.4	.3	.4	.8	.5	1.2	1.2	.6	.4	.7						148	149	92	23															
68/ 67		.2	.4	.3	.3	.9	.5	.7	.7	.4	.2	.0						119	119	145	37															
66/ 65		.2	.4	.2	.4	.7	1.0	1.2	.8	.3	.1							133	133	198	68															
64/ 63	.0	.4	.4	.7	.5	.7	.6	1.0	.7	.3	.0							134	134	146	75															
62/ 61		1.0	.7	.4	.6	.9	1.2	.8	.3	.2	.0							153	156	174	98															
60/ 59		.5	.4	.6	.6	.9	.7	1.0	.2									122	122	185	135															
58/ 57		.8	.5	.5	.1	.8	1.1	.5										109	109	216	127															
56/ 55	.2	.4	.4	.4	.5	.5	1.1	.2	.0									92	92	197	133															
54/ 53		.5	.8	.3	.4	.8	.6	.1										86	86	189	152															
52/ 51		.2	.2	.3	.2	.9	.1	.0										50	50	155	141															
50/ 49		.4	.2	.3	.8	.6	.3	.0										66	66	144	127															
48/ 47	.0	.4	.4	.4	.5	.4	.0											53	53	139	129															
46/ 45	.0	.6	.5	.4	.2	.1	.1											50	50	105	135															
44/ 43		.3	.3	.0	.2	.2												25	25	113	154															
42/ 41		.0	.1	.1	.1	.1												10	10	79	141															
40/ 39		.1	.0	.1	.1	.0												9	9	50	141															
38/ 37					.0													2	2	22	115															
36/ 35			.1															3	3	14	96															
34/ 33																				8	89															
32/ 31																				8	112															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 77-53,62-72

OCT  
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															
30/ 29																					1	79														
28/ 27																						46														
26/ 25																						32														
24/ 23																						26														
22/ 21																						24														
20/ 19																						15														
18/ 17																						4														
16/ 15																						8														
14/ 13																						3														
12/ 11																						1														
TOTAL	.3	6.4	6.9	6.6	8.7	13.6	12.4	12.5	11.5	8.6	7.2	2.7	1.6	.6	.3	.2		2486	2503	2487	2485															

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7057368	123654	49.8	19.080	2485	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	11906307	170169	68.9	11.609	2503			52.1	36.3	16.8	.3	93
Wet Bulb	8071954	139904	56.3	9.009	2487		.9	12.9	1.5			93
Dew Point	5752819	115849	46.6	11.904	2485		13.1	3.0	.2			93

USAF/ETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
94/ 93																									.0	.2			.2	.1	12	12			
92/ 91																									.0	.1	.0	.0	.0	.0	8	8			
90/ 89																									.0	.1	.1	.0			18	18			
88/ 87										.0	.1	.2	.2	.2	.4	.2	.2								.0	.1	.1	.0		47	47				
86/ 85									.1	.1	.4	.4	.4	.6	.5	.0	.1								.0	.1	.1	.0		67	67				
84/ 83							.0	.2	.3	.4	1.1	.5	.6	.3	.1	.1	.1	.0								.0	.1	.1	.0	94	94				
82/ 81					.0	.2	.4	.2	.6	.6	.8	.7	.6	.5	.2	.0											.0	.2	.0	104	104				
80/ 79					.1	.2	.4	.5	1.0	.8	.8	.8	.8	.4	.2	.0											.0	.2	.0	132	135				
78/ 77					.0	.2	.6	.6	1.0	1.1	.9	.6	.3	.0															135	137	2				
76/ 75		.0	.0	.2	.4	.6	.7	.6	.9	1.0	.6	.2	.3																137	141	12				
74/ 73		.2	.3	.8	.6	.7	.9	.4	.8	1.1	.6	.1	.0																163	167	33	7			
72/ 71		.0	.1	.4	.7	.7	.8	.8	1.4	.8	.6	.1																	157	157	40	13			
70/ 69		.3	.4	.7	.8	.6	.5	1.1	.7	.5	.4	.1																	150	151	92	28			
68/ 67		.3	.6	.2	.4	.6	.8	.8	.8	.6	.2	.0																	133	134	138	37			
66/ 65		.2	.4	.5	1.0	.9	.8	1.2	.6	.4	.1	.0																	150	151	165	54			
64/ 63		.4	.7	.5	.7	.9	.6	.9	.6	.4	.0	.0																	145	145	182	71			
62/ 61		.5	.5	.7	.5	1.0	1.0	1.0	.3	.1																			139	141	188	108			
60/ 59		.6	.6	.6	.5	.7	.9	.9	.2																				122	123	193	114			
58/ 57	.0	.9	.4	.7	.5	1.0	.7	.5	.2	.0																			125	125	197	131			
56/ 55	.1	.4	.4	.4	.6	.6	.9	.3	.1																				92	93	214	146			
54/ 53		.5	.6	.4	.4	.5	.0																						74	74	177	146			
52/ 51	.0	.4	.4	.2	1.0	.3	.0																						66	66	172	147			
50/ 49		.4	.3	.2	.6	.6	.4	.1																					63	63	148	120			
48/ 47		.3	.8	.4	.4	.3	.1																						56	56	144	150			
46/ 45	.0	.6	.2	.6	.4	.1	.0																						52	52	101	159			
44/ 43	.0	.1	.4	.1	.3	.1																							26	26	108	143			
42/ 41		.1	.0	.0	.1	.0	.0																						8	8	75	134			
40/ 39	.0		.1	.1	.0	.1																							8	8	51	140			
38/ 37		.0	.1	.0																									5	5	29	117			
36/ 35	.0	.0																											2		15	105			
34/ 33																															9	71			
32/ 31																															4	105			
30/ 29																															1	74			
26/ 27																																39			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

UCT

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
26/ 25																					44
24/ 23																					26
22/ 21																					27
20/ 19																					15
18/ 17																					6
16/ 15																					4
14/ 13																					3
12/ 11																					3
10/ 9																					1
8/ 7																					1
TOTAL	.3	6.2	7.5	8.0	9.9	12.7	11.7	12.3	10.9	8.6	6.2	3.1	1.4	.8	.1	.2	.2		2490	2510	2489

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80	≥ 93 F	
Rel. Hum.	7296964	125698	50.5	19.531	2489							
Dry Bulb	11799421	169665	67.6	11.483	2510			50.8	34.5	15.3	.4	93
Wet Bulb	8028244	139646	56.1	8.886	2490		.2	11.8	1.8			93
Dew Point	5732832	115936	46.6	11.905	2489		13.0	3.2	.3			93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-46, 48-53, 62-72

OCT

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														
88/ 87															.1			2	2																
86/ 85											.0	.0						2	2																
84/ 83										.0	.1	.0	.0					5	5																
82/ 81						.1	.1	.0	.1	.0	.1	.0						11	11																
80/ 79					.2	.2	.1	.3	.2	.1			.0					28	28																
78/ 77				.2	.2	.2	.5	.1	.1	.1								34	34																
76/ 75			.2	.2	.1	.7	.3	.2	.0	.0	.0							40	40	1															
74/ 73	.0	.3	.1	.6	.3	.3	.4	.0	.0	.1	.0							50	54	4															
72/ 71	.3	.3	.5	.6	.7	.6	.4	.1	.1	.0								89	91	24	5														
70/ 69	.2	.9	1.0	.7	.5	.6	.3	.3	.2	.0	.0							111	111	20	20														
68/ 67	.6	1.1	1.1	1.2	.5	.6	.2	.3	.1									133	133	51	20														
66/ 65	.6	1.1	1.3	.7	.6	.6	.2	.2										121	122	95	38														
64/ 63	.6	1.1	1.6	.6	.6	.4	.3											120	123	108	52														
62/ 61	.1	.6	1.6	1.0	.9	.8	.3	.3	.2									133	134	122	86														
60/ 59		1.3	1.2	1.0	.9	.9	.3	.1	.0									134	136	138	98														
58/ 57	.2	1.9	1.6	1.5	1.5	.7	.6	.1	.0									189	191	180	106														
56/ 55		1.5	2.3	1.9	1.0	.6	.5	.1										185	185	139	150														
54/ 53	.1	1.3	1.9	1.7	.7	.7	.4	.1										160	160	170	148														
52/ 51		1.4	1.9	1.0	1.2	.9	.1											151	152	181	119														
50/ 49	.0	1.5	2.4	1.4	.6	.4	.1											150	150	193	146														
48/ 47		1.5	1.7	1.2	.7	.3												126	127	177	165														
46/ 45		1.5	1.7	1.2	.7	.1												121	123	166	167														
44/ 43	.0	.8	.9	.6	.3	.0												62	63	171	157														
42/ 41	.0	.9	.6	.6	.0													52	52	116	153														
40/ 39	.1	.4	.8	.3	.0													37	38	91	133														
38/ 37	.0	.6	.6	.4	.0													38	39	66	113														
36/ 35		.4	.5	.3														27	27	46	94														
34/ 33	.1	.3	.1															10	10	34	87														
32/ 31		.0	.3	.0														8	8	21	87														
30/ 29		.1	.0															3	3	11	62														
28/ 27		.0																1	1	7	49														
26/ 25																				1	32														
24/ 23																					22														
22/ 21																					10														
Element (X)	Σ X <sup>2</sup>	Σ X	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-46,48-53,62-72 YEARS

DCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					5
18/ 17																					6
16/ 15																					2
14/ 13																					1
TOTAL	.7	18.3	25.1	20.0	13.5	9.8	6.4	3.1	1.7	.8	.2	.3	.1	.0	.1			2333	2355	2333	

Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11604379	159859	68.5	16.704	2333							
Dry Bulb	8003697	135059	57.3	10.471	2355		.5	20.2	7.0	1.3		93
Wet Bulb	6367794	120014	51.4	9.122	2333		1.6	4.0	.2			93
Dew Point	5245447	107751	46.2	10.738	2333		11.0	1.8				93

USAFETAC FORM 0-26-5 (O.L.A.) REVISD PREVIOUS EDIC-45 OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72

OCT  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
78/77				.1	.1	.1	.1	.1			.1		.0																			14	14			
76/75			.2	.2	.2	.3	.1	.0	.0																							25	25			
74/73			.5	.0	.3	.4	.1	.1	.1																							34	34			
72/71		.1	.2	.3	.5	.2	.1	.2	.1	.0																						40	44	12	1	
70/69		.2	.6	.5	.2	.5	.5			.0	.0																					60	62	23	16	
68/67		.6	.8	.7	1.0	.4	.6	.3	.1	.1																						103	103	15	12	
66/65	.0	1.1	.8	1.3	.6	.2	.4	.1	.0																							99	99	64	29	
64/63	.0	1.4	1.1	.7	.7	.5	.2	.1																								109	110	77	46	
62/61		1.2	.7	.7	.5	.4	.2	.1																								83	85	86	72	
60/59		1.3	1.3	.9	.4	.6	.2	.1																								104	104	121	78	
58/57	.3	2.3	1.2	.8	.9	.4	.3																									137	137	117	71	
56/55	.1	2.0	1.3	1.3	.5	.2	.2																									123	123	141	124	
54/53	.3	2.4	2.6	1.3	.3	.5	.0																									164	166	117	116	
52/51	.2	2.8	1.9	1.0	.5	.4	.0																									153	155	155	115	
50/49	.1	2.7	2.2	.7	.5	.4																										146	147	185	139	
48/47	.0	3.3	1.9	1.0	.6	.3																										159	160	156	145	
46/45	.0	2.9	2.2	.9	.3	.1																										142	143	173	169	
44/43	.1	2.8	2.3	.6	.4																											141	144	158	176	
42/41	.1	2.9	.9	.9	.1																											107	108	159	148	
40/39	.4	1.8	1.3	.5	.0																											89	90	148	156	
38/37	.1	1.5	.7	.3																												58	59	83	126	
36/35	.1	1.4	.6	.2																												56	56	89	101	
34/33		.9	.5	.1																												34	35	52	92	
32/31	.0	.5	.3																													19	20	46	88	
30/29		.3																														7	7	21	75	
28/27	.0	.2																														6	6	9	43	
26/25		.2	.0																													6	6	6	36	
24/23		.0																														1	1	5	19	
22/21																																			1	16
20/19																																			7	
18/17																																			1	
16/15																																			1	
14/13																																			1	
Element (X)	ΣX'	ΣX	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72  
STATION STATION NAME YEARS

OCT  
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				
TOTAL	2.0	37.2	26.3	15.1	8.6	5.8	3.1	1.0	.5	.2	.1			.0							2219	2243	2219	2219	
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	13433654	169294	76.3	15.278	2219	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93													
Dry Bulb	6527058	118598	52.9	10.690	2243		1.7	11.7	3.0			93													
Wet Bulb	5480427	108227	48.8	9.541	2219		3.7	2.1				93													
Dew Point	4737944	99866	45.0	10.477	2219		12.0	1.2				93													

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 38-52,62-70 YEARS

NOV 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
4/ 3																				1	5
2/ 1																					16
0/ -1																					7
-2/ -3																					2
-6/ -7																					2
-12/-13																					1
TOTAL	9.9	49.9	25.0	8.5	4.2	2.3	.2	.0									2107	2113	2107	2107	

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	13388043	165503	78.5	13.572	2107							
Dry Bulb	3285772	79772	37.8	11.393	2113		31.2	1.0				90
Wet Bulb	2831965	74039	35.1	10.457	2107		38.3					90
Dew Point	2339416	65878	31.3	11.523	2107	.5	52.3					90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																
70/ 69				.3	.1																											9	9			
68/ 67			.3	.2	.2																											9	9			
66/ 65			.3	.0	.1																											10	10	3		
64/ 63		.1	.3	.1																												13	13	8		
62/ 61	.0	.2	.2	.1		.0																										15	15	15	10	
60/ 59		.4	.4	.4	.2	.1																										30	30	20	15	
58/ 57		.5	.3	.4	.2	.2		.0																								34	34	17	16	
56/ 55	.0	.5	.3	.2	.4	.1																										32	32	31	23	
54/ 53		.9	.4	.0	.2	.1	.0																									38	38	22	25	
52/ 51	.3	.9	.6	.3	.3	.2																										58	61	48	31	
50/ 49	.7	1.6	.8	1.0	.2	.1																										91	91	54	50	
48/ 47	.6	.9	.5	.2	.1	.1																										52	55	71	55	
46/ 45	.6	1.8	1.1	.4	.2																											88	88	73	53	
44/ 43	.4	1.9	1.5	1.0	.2	.1																										107	107	89	43	
42/ 41	.1	2.0	1.7	.9	.2																												101	101	77	77
40/ 39	.3	2.7	2.7	.8	.2																												141	141	95	91
38/ 37	.4	3.7	2.1	.5																													140	140	153	75
36/ 35	.2	4.8	1.9	.5																													156	156	161	110
34/ 33	.8	5.0	1.7	.2	.1																												165	165	187	142
32/ 31	.8	4.3	1.3	.3																													138	138	170	192
30/ 29	1.3	4.6	1.3	.1																													154	154	142	180
28/ 27	1.4	5.2	.3	.0																													147	147	193	117
26/ 25	1.4	2.4	.3																														86	86	140	169
24/ 23	.1	2.7	.6																														84	84	71	151
22/ 21	.6	2.2	.3																														66	66	79	114
20/ 19	.7	1.5	.0																														48	49	74	63
18/ 17	.9	.4	.2																														24	24	31	89
16/ 15	.2	.5																															15	16	16	56
14/ 13	.2	.4																															12	12	18	38
12/ 11	.1	.3																															8	8	10	33
10/ 9		.1																															3	3	4	20
8/ 7		.3																															7	7	3	15
6/ 5	.1	.5																															10	10	10	10
4/ 3		.0																															1	1	7	1
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Ref. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

NOV  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																				10	
0/ -1																				13	
-2/ -3																				1	
-4/ -5																				3	
-8/ -9																				1	
TOTAL	12.553	3.321	5.8	0.0	3.4	1.1	.0	.0										2100	2092	2092	
																		2092	2092		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	13728933	167257	80.0	12.945	2091							90
Dry Bulb	3079733	76739	36.9	11.457	2100		34.5	.8				90
Wet Bulb	2686815	71595	34.2	10.637	2092		41.6					90
Dew Point	2243482	64032	30.6	11.646	2092	.8	54.9					90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NDV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
70/69			.0		.1												4	4		
68/67			.0	.2	.2	.0											11	11		
66/65			.2	.2													10	10	1	
64/63		.1	.6		.1												18	18	2	1
62/61	.0	.3	.3	.4	.1												27	27	23	2
60/59		.3	.3	.3		.1											23	23	25	16
58/57	.3	.6	.3	.3	.0	.0											37	37	25	33
56/55	.1	.4	.5	.1	.4	.2											39	40	32	31
54/53	.3	.6	.2	.3	.1	.1											37	38	39	25
52/51	.1	.9	.6	.4	.5	.2											63	65	32	35
50/49	.5	1.1	.3	.7	.2	.0	.0										69	69	51	45
48/47	.4	1.4	.8	.7	.3	.0											82	82	66	47
46/45	.6	1.6	1.4	.9	.5												112	115	73	58
44/43	.0	2.0	1.4	1.0	.2	.0											107	107	98	37
42/41	.1	2.5	1.9	1.0	.3	.0											133	133	105	83
40/39	.3	2.6	2.6	.7	.2												147	147	118	96
38/37	.5	3.6	3.0	.6	.0												177	177	171	112
36/35	.2	4.5	2.9	.4	.2												187	187	187	112
34/33	.6	4.7	1.7	.2	.1												166	168	196	178
32/31	.5	5.0	1.7	.2													168	170	207	181
30/29	1.3	4.8	1.2	.1													170	170	181	239
28/27	1.1	3.7	.7	.0													126	128	191	140
26/25	1.1	2.8	.3														98	98	128	174
24/23	.6	1.8	.5														67	67	78	167
22/21	.6	2.3	.3														73	73	74	114
20/19	.7	1.7	.1														57	57	78	60
18/17	.4	.3	.2														22	23	39	85
16/15	.3	.2	.1														15	15	17	66
14/13	.1	.4	.1														14	14	11	39
12/11	.0	.2															6	6	13	32
10/9	.0	.3	.1														10	10	7	22
8/7	.1	.1															4	4	10	16
6/5	.1	.1															4	4	4	8
4/3	.2	.1															6	6	7	8
Element (X)	ΣX'	ΣX	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-52,62-72 YEARS

NOV MONTH

PAGE 2 0600-0800 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														
2/ 1																																	
0/ -1																																	
-2/ -3																																	
-4/ -5																																	
-8/ -9																																	
-12/-13																																	
-14/-15																																	
TOTAL	11.351	1.24	3.1	7.3	9.9	9.0												2289	2289														

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	14870860	182172	79.6	12.760	2289							
Dry Bulb	3404932	84692	36.8	11.232	2303		33.0	.6				90
Wet Bulb	2959701	78735	34.4	10.483	2289		41.1					90
Dew Point	2464620	70316	30.7	11.538	2289	.7	54.2					90

DATA PROCESSING BRANCH  
 USAF EYAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 STATION NAME YEARS

NGV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.P.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
82/ 81									.0																							1	1		
78/ 77									.0																							1	1		
76/ 75									.1	.1																						4	4		
74/ 73					.1	.1			.1	.1																						8	8		
72/ 71				.0	.1	.2			.1	.0																						9	9		
70/ 69			.0	.2	.3	.4			.0	.0																						23	23		
68/ 67			.1	.2	.3	.4	.1	.1	.0	.0																						29	29	2	
66/ 65		.0	.3	.4	.5	.6	.7	.8	.1	.0																						37	38	6	2
64/ 63		.3	.4	.5	.6	.7	.8	.9	.1	.0																						34	34	21	5
62/ 61		.3	.4	.5	.6	.7	.8	.9	.1	.0																						53	54	28	5
60/ 59	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0																						63	63	42	19
58/ 57	.1	.5	.6	.7	.8	.9	.0	.1	.0	.0																						80	81	39	32
56/ 55	.1	.4	.5	.6	.7	.8	.9	.0	.0	.0																						92	93	39	44
54/ 53	.1	.5	.6	.7	.8	.9	.0	.1	.0	.0																						104	104	56	39
52/ 51	.1	.7	.8	.9	.0	.1	.0	.1	.0	.0																						109	109	72	38
50/ 49	.2	1.3	1.1	1.9	1.2	1.2	.0	.0	.0	.0																						161	162	96	45
48/ 47	.2	1.0	1.0	2.1	1.3	.4	.1	.0	.0	.0																						142	143	119	69
46/ 45	.1	1.2	1.5	1.9	1.4	.4	.0	.0	.0	.0																						155	155	157	68
44/ 43	.1	1.4	2.3	2.6	.8	.1	.0	.0	.0	.0																						169	169	162	88
42/ 41	.1	1.6	2.1	1.7	1.0	.2	.0	.0	.0	.0																						158	158	183	92
40/ 39	.1	1.2	3.3	1.6	.5	.1	.0	.0	.0	.0																						159	159	205	131
38/ 37	.2	2.1	2.7	1.7	.3	.0	.0	.0	.0	.0																						162	163	192	144
36/ 35	.2	2.0	3.1	1.0	.1	.0	.0	.0	.0	.0																						150	150	191	169
34/ 33	.2	2.0	1.9	.7	.0	.0	.0	.0	.0	.0																						112	112	171	190
32/ 31	.0	1.4	2.0	.4	.0	.0	.0	.0	.0	.0																						91	93	171	190
30/ 29	.1	1.1	1.5	.3	.0	.0	.0	.0	.0	.0																						71	71	112	228
28/ 27	.2	.4	.9	.2	.0	.0	.0	.0	.0	.0																						39	39	84	152
26/ 25	.1	.9	.8	.0	.0	.0	.0	.0	.0	.0																						44	44	56	140
24/ 23	.0	.6	.7	.0	.0	.0	.0	.0	.0	.0																						30	30	40	119
22/ 21	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0																						11	11	38	17
20/ 19	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0																						17	17	18	
18/ 17	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0																						8	8	18	
16/ 15	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0																						11	11		
14/ 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																						2	2		
Element (X)	Σx'	Σx	Σ	Σx	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

ARY

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H

1100  
S. T. I.

Dew Point

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228  
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119  
17

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 STATION NAME YEARS

NOV  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11		.1																3	3	5	26
10/ 9		.0																1	1	4	16
8/ 7		.1																2	2	2	13
6/ 5																				1	10
4/ 3																					8
2/ 1																					2
0/ -1																					4
-2/ -3																					4
-4/ -5																					3
-6/ -7																					2
-8/ -9																					1
TOTAL	2.3	22.1	29.0	21.0	12.7	8.0	3.7	.9	.2	.0	.0							2345	2354	2345	2345
																		2345		2345	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	11085486	156892	66.9	15.847	2345	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4906858	104100	44.2	11.353	2354		12.7	2.9	.5	.0		90									
Wet Bulb	3873756	92410	39.4	9.952	2345		21.6	.1				90									
Dew Point	2886366	77846	33.2	11.353	2345	.5	44.7					90									

USAF ETAC FORM 04 JUL 64 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
82/ 81																																		2	2			
80/ 79																																		12	12			
78/ 77																																		8	8			
76/ 75																																		20	20			
74/ 73																																		40	40			
72/ 71																																		39	39	3	1	
70/ 69																																		63	63			
68/ 67																																		72	72	3	2	
66/ 65																																		80	81	20	1	
64/ 63																																		64	65	29	4	
62/ 61																																		109	109	59	6	
60/ 59																																		105	109	47	19	
58/ 57																																		137	137	75	36	
56/ 55																																		148	148	75	59	
54/ 53																																		124	125	76	50	
52/ 51																																		114	114	106	55	
50/ 49																																		143	143	140	51	
48/ 47																																		143	143	190	59	
46/ 45																																		144	144	204	84	
44/ 43																																		138	138	190	96	
42/ 41																																		117	117	160	106	
40/ 39																																		100	100	190	147	
38/ 37																																		124	129	189	144	
36/ 35																																		81	81	157	184	
34/ 33																																		57	57	91	156	
32/ 31																																		49	49	128	183	
30/ 29																																		32	32	61	186	
28/ 27																																		24	24	42	133	
26/ 25																																		20	20	34	159	
24/ 23																																		4	4	26	99	
22/ 21																																		16	16	19	84	
20/ 19																																		3	3	11	62	
18/ 17																																		5	5	7	50	
16/ 15																																		2	2	8	42	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.																	Mean No. of Hours with Temperature																
Rel Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52.62-72

NOV  
 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			
14/ 13																					6	21		
12/ 11																						9	9	
10/ 9																						16	8	
8/ 7																						18	5	
6/ 5																						5	1	
4/ 3																						5	1	
2/ 1																						3	1	
0/ -1																						3	1	
-2/ -3																						1	1	
-4/ -5																						1	1	
TOTAL	1.2	11.0	15.7	17.0	16.2	13.9	12.8	7.5	3.0	1.3	.6	.1									2345	2345		
																						2345	2345	

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8226939	132217	56.4	16.151	2345							
Dry Bulb	6334435	118613	50.4	12.248	2345		6.1	9.8	3.1	.3		90
Wet Bulb	4555963	100749	43.0	9.851	2345		13.1	.2				90
Dew Point	3043171	80065	34.1	11.491	2345	.2	41.6	.1				90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 EQRT LEAVENWORTH KANS/SHERMAN AAF 37-32,62-72

NOV  
 MONTH

PAGE 1 1500-1700  
 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														
80/ 79						.0		.1			.0							4	4																
78/ 77							.1	.2	.1									13	13																
76/ 75						.1	.4	.3		.1	.1							24	24																
74/ 73					.1	.1	.3	.2	.3	.0	.0							26	26																
72/ 71					.2	.2	.4	.3	.2	.1	.0							35	35																
70/ 69				.2	.5	.7	.3	.6	.3	.3	.2	.0						73	73	1															
68/ 67			.0	.2	.4	.4	.7	.6	.3	.3	.0							70	71	1															
66/ 65	.0	.1	.1	.4	.3	.5	.6	.3	.2									60	62	8															
64/ 63	.1	.2	.2	.3	.5	.6	.9	.6	.1	.0								84	84	37	2														
62/ 61	.0	.1	.3	.3	.6	1.1	.5	.4										81	83	46	9														
60/ 59	.4	.1	.3	.5	1.1	.9	.8	.3										103	103	59	11														
58/ 57	.3	.6	.4	1.1	1.4	1.1	1.0	.3										143	143	67	48														
56/ 55	.2	.8	.8	.8	1.2	1.3	.3	.0										122	122	63	40														
54/ 53	.4	.6	.8	.7	.9	.9	.1	.0										103	103	91	44														
52/ 51	.1	.8	.2	1.1	1.0	1.4	.6	.1										122	122	109	60														
50/ 49	.1	.7	.5	1.5	1.3	1.3	.6	.1	.0									144	144	172	64														
48/ 47	.1	.7	.7	1.1	1.3	1.3	.3	.0										132	132	157	76														
46/ 45	.2	.8	1.1	2.0	1.7	.9	.1											161	161	169	82														
44/ 43	.2	.9	1.5	1.7	1.4	.3	.0											139	139	170	91														
42/ 41	.2	.8	2.0	2.0	.8	.2	.1											141	141	197	109														
40/ 39	.1	1.4	1.4	1.0	.6	.2												109	109	167	139														
38/ 37	.4	.8	1.7	1.6	.4	.1												119	119	218	149														
36/ 35	.0	.5	1.5	1.6	.3													93	93	149	185														
34/ 33	.1	.5	.9	.5	.2	.0												72	72	95	153														
32/ 31	.2	.7	1.1	.3	.3													62	62	125	195														
30/ 29	.1	.4	.5	.4	.1													35	35	92	202														
28/ 27	.0	.3	.2	.3														19	19	49	130														
26/ 25	.0	.2	.3	.3														20	20	28	123														
24/ 23		.2	.3															10	10	31	105														
22/ 21		.0	.3	.1														11	11	13	101														
20/ 19		.1	.3															10	10	12	47														
18/ 17		.2	.1															7	7	14	49														
16/ 15		.0	.0															2	2	10	29														
14/ 13																				3	22														
Element (X)	Σx²	Σx	Σ	Σx	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF ETAC FORM 0-26-5 (OL A) JUL 61 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					16
10/ 9																					13
8/ 7																					15
6/ 5																					25
4/ 3																					9
2/ 1																					1
0/ -1																					1
-2/ -3																					3
TOTAL	1.8	12.4	17.2	18.5	14.7	13.3	10.3	6.6	3.3	1.1	.6	.1						2354		2348	
																		2349	2349		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8727875	136281	58.0	18.668	2348							
Dry Bulb	6153999	116847	49.6	12.265	2354		6.7	9.4	2.6	.1		90
Wet Bulb	4476165	99900	42.5	9.844	2349		14.4	.1				90
Dew Point	3036409	80041	34.1	11.454	2348	.2	41.6					90

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72

NOV  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb		Dew Point		
76/ 75									.1											2	2		
74/ 73						.0	.0	.2		.0										8	8		
72/ 71					.3	.1	.0	.1	.1											15	15		
70/ 69				.0	.2	.1		.1	.1											11	11		
68/ 67				.0	.2	.0		.0	.0											7	7		
66/ 65			.1	.6	.3	.2	.0	.1												29	29	6	
64/ 63		.1	.3	.1	.3	.2	.1	.1												29	29	4	
62/ 61		.2	.3	.3	.4	.2	.1	.2												40	41	28	5
60/ 59	.0	.6	.3	.2	.5	.3	.2	.2	.0											57	58	31	15
58/ 57	.0	.5	.4	.5	.3	.6	.4	.2	.0											62	62	41	26
56/ 55	.1	.9	.6	.6	.6	.6	.3	.0												87	87	46	42
54/ 53	.1	1.0	.8	.6	1.0	.6	.2													100	101	56	44
52/ 51		.8	.9	1.2	1.1	.3	.0													100	100	68	47
50/ 49		1.0	1.2	1.4	.9	.5														117	117	84	47
48/ 47	.3	1.0	1.2	.7	.9	.5														106	106	108	70
46/ 45	.3	1.0	2.0	2.2	.9	.2														150	153	148	71
44/ 43	.2	1.4	1.9	2.0	.6	.1														144	144	114	68
42/ 41	.3	2.3	2.6	1.8	1.0	.0														184	184	162	92
40/ 39	.3	2.3	2.6	1.9	.5															175	175	172	148
38/ 37	.2	2.9	2.3	1.4	.2															159	159	203	132
36/ 35	.2	2.4	3.1	1.1	.0															159	159	199	167
34/ 33	.0	3.0	3.0	.6	.1															155	155	172	174
32/ 31	.3	2.3	1.9	.7	.1															121	121	184	205
30/ 29	.3	1.8	1.3	.6																91	91	140	191
28/ 27	.2	1.7	.7	.4																70	70	112	137
26/ 25	.2	1.0	.4	.2																41	41	78	151
24/ 23		.7	.3	.0																24	24	49	126
22/ 21		.5	.2																	16	16	37	89
20/ 19		.3	.3																	14	14	19	57
18/ 17		.3	.3																	15	15	11	54
16/ 15	.0	.4	.1																	14	14	18	36
14/ 13		.0	.1																	3	3	12	18
12/ 11		.2																		5	5	4	23
10/ 9		.0																		1	1	5	12
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52.62-72

NGV  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					18
6/ 5																					16
4/ 3																					14
2/ 1																					5
0/ -1																					5
-2/ -3																					4
-4/ -5																					1
-6/ -7																					1
TOTAL	2.9	30.8	29.3	19.3	10.1	4.8	1.7	.9	.3								2311	2317	2311	2311	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12082805	163099	70.6	15.737	2311							
Dry Bulb	4463246	98360	42.5	11.146	2317		16.1	1.7	.4			90
Wet Bulb	3626497	88617	38.3	9.944	2311		26.1					90
Dew Point	2801995	76037	32.9	11.400	2311	.4	45.3					90

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52.62-72

NOV  
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.0											1	1		
72/ 71					.1		.1	.1	.0									8	8		
70/ 69			.0	.2		.1		.0										9	9		
68/ 67				.2	.2	.1												11	11		
66/ 65			.1	.4	.2			.0										18	18	6	
64/ 63		.0	.2	.3	.1		.0	.0										17	17	4	1
62/ 61	.0	.1	.2	.1	.1	.1	.1											21	21	19	7
60/ 59		.3	.2	.4	.3	.3	.2											36	36	23	9
58/ 57	.2	.7	.1	.3	.2	.4	.1											45	45	31	18
56/ 55	.0	.8	.5	.3	.2	.3	.2											52	54	32	41
54/ 53	.1	1.2	.4	.4	.5	.5	.1											77	77	40	32
52/ 51	.2	1.0	.7	.7	.3	.3	.1											78	80	60	44
50/ 49	.3	1.2	1.1	1.1	.7	.3	.7											107	107	63	43
48/ 47	.3	1.3	1.2	1.0	.4	.3	.7											106	108	79	56
46/ 45	.1	2.0	1.7	1.1	.5													127	130	111	61
44/ 43	.1	2.1	1.6	1.5	.2													127	127	137	68
42/ 41	.1	2.4	1.9	1.3	.3													140	140	124	96
40/ 39	.3	2.5	2.2	1.3	.3													153	153	165	112
38/ 37	.2	3.3	3.0	.9	.1													172	172	152	131
36/ 35	.4	4.6	2.6	.6	.0													188	188	189	156
34/ 33	.3	4.0	2.6	.5	.1													170	174	218	149
32/ 31	.6	4.4	1.3	.6	.1													162	164	169	211
30/ 29	.5	3.4	1.2	.3														125	126	184	227
28/ 27	.3	3.5	1.3	.2														119	119	139	138
26/ 25	.6	2.1	.7	.0														80	80	124	147
24/ 23	.3	1.3	.4	.1														49	49	83	145
22/ 21	.3	.8	.3	.0														34	34	52	98
20/ 19	.1	.6	.0															18	18	32	75
18/ 17	.0	.4	.2															16	16	16	60
16/ 15	.0	.4	.0															11	11	19	45
14/ 13	.1	.2	.0															7	7	8	25
12/ 11		.2																5	5	5	30
10/ 9		.6																13	13	9	10
8/ 7		.0																1	1	9	21
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72  
STATION STATION NAME YEARS

NOV  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
6 / 5																								1	10
4 / 3																									12
2 / 1																									11
0 / -1																									7
-2 / -3																									3
-4 / -5																									5
<b>TOTAL</b>	<b>5.8</b>	<b>45.5</b>	<b>25.8</b>	<b>14.0</b>	<b>4.9</b>	<b>2.8</b>	<b>1.0</b>	<b>.2</b>															<b>2303</b>	<b>2319</b>	<b>2304</b>

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	13692743	174248	75.7	14.875	2303							
Dry Bulb	3883464	91360	39.4	11.073	2319		25.0	1.1	.0			90
Wet Bulb	3267009	83559	36.3	10.109	2303		33.2					90
Dew Point	2632921	73327	31.8	11.399	2304	.6	50.0					90

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

DEC

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
66/ 65			.1	.1														4	4					
64/ 63			.0	.1	.0	.0												6	6					
62/ 61			.4	.0	.0													11	11	2				
60/ 59		.2	.0		.1													8	8	2				
58/ 57		.1		.2														7	7	2				
56/ 55	.0	.3	.1	.1		.0												13	13	17				
54/ 53			.3															6	6	5				
52/ 51	.0	.3	.3	.1		.0												17	17	10				
50/ 49	.3	.2	.2	.2	.3													27	27	14				
48/ 47		.5	.2	.2	.3													27	27	17				
46/ 45	.1	.4	.4	.3	.2													31	31	19				
44/ 43		.9	.5	.7	.3													54	54	10				
42/ 41	.4	1.1	.7	.6	.1	.0												65	65	29				
40/ 39	.2	1.4	1.3	.9	.2	.0												89	89	37				
38/ 37	.4	1.5	1.3	.4	.0	.0												82	82	44				
36/ 35	.5	2.6	1.6	.5	.0													119	119	52				
34/ 33	.9	4.5	2.2	.3	.1													177	177	93				
32/ 31	.8	5.0	2.9	.4														203	203	146				
30/ 29	1.7	5.0	1.6	.0														186	186	173				
28/ 27	1.4	4.5	1.1	.1														158	159	129				
26/ 25	1.7	4.6	.9	.2														164	164	193				
24/ 23	1.6	4.3	.9															151	151	188				
22/ 21	2.0	3.3	.5															128	128	162				
20/ 19	.9	3.4	.5															108	109	101				
18/ 17	.5	3.1	.2															86	86	140				
16/ 15	.5	2.3	.0															64	64	99				
14/ 13	.2	1.6	.0															42	42	96				
12/ 11	.3	1.5																40	40	84				
10/ 9	.2	1.2																30	30	49				
8/ 7	.9	.9																38	38	68				
6/ 5	.4	.7																24	24	54				
4/ 3	.2	.6																18	18	50				
2/ 1	.2	.5																16	16	29				
0/ -1	.6	.3																10	19	32				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13921 STATION FT LEAVENWORTH KANS/SHERMAN AAF 3R-52,62-70 YEARS DEC MONTH  
 PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																		
-2/-3																																				4	14	
-4/-5																																				21		
-6/-7		.3																																	6	6	6	19
-8/-9			.1																															3	3		10	
-10/-11																																					3	3
-12/-13																																					3	3
-14/-15																																					2	2
-16/-17																																					3	3
-20/-21																																				3	3	
TOTAL	17.0	56.9	18.5	5.5	1.8	.2	.1																												2227	2227	2224	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	14113612	174750	78.6	13.121	2224	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2080352	63044	28.3	11.550	2229	1.2	62.0					93
Wet Bulb	1818905	58891	26.4	10.840	2227	1.4	69.4					93
Dew Point	1431711	49405	22.2	12.261	2224	4.6	78.2					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

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															
66/65			.0	.0														2	2																	
64/63		.0	.0	.1														7	7																	
62/61		.1	.3				.0											10	10	2	2															
60/59		.1	.1	.1	.0			.0										10	10	5	2															
58/57		.1		.1	.0			.0										9	8	16	3															
56/55	.1	.2	.1															10	10	7	16															
54/53	.1	.3																9	8	9	8															
52/51	.0	.3	.4			.1												19	19	15	11															
50/49	.2	.3	.2	.0	.0													17	17	17	13															
48/47	.0	.3	.3	.1	.1	.0												19	19	14	19															
46/45		.5	.4	.3	.3													34	34	13	10															
44/43		.0	.5	.2	.0													30	30	20	10															
42/41	.2	1.0	.8	.5	.3													62	62	37	28															
40/39	.3	1.3	.8	.9	.0													73	73	60	33															
38/37	.6	1.6	.9	.8	.0													87	87	70	45															
36/35	.5	2.9	1.2	.3	.0													111	111	85	60															
34/33	.6	4.4	1.3	.4	.0													152	152	134	70															
32/31	1.3	4.2	1.8	.1	.1													167	167	176	134															
30/29	1.4	5.8	1.3															191	191	186	158															
28/27	1.4	5.5	1.3															182	182	213	121															
26/25	1.4	4.1	.8															142	142	178	169															
24/23	2.9	4.8	1.0	.0														196	196	179	189															
22/21	1.3	4.9	.7															152	152	163	180															
20/19	1.3	2.9	.6															107	107	134	122															
18/17	1.0	2.5	.4															86	86	97	153															
16/15	1.1	2.0	.1															72	72	92	116															
14/13	.5	1.1																36	36	53	78															
12/11	.5	2.1																58	58	47	80															
10/9	.5	1.1	.0															38	38	50	47															
8/7	.7	.9																35	35	38	73															
6/5	.7	.8																32	32	33	66															
4/3	.3	.5																19	20	25	42															
2/1	.1	.3																9	9	11	40															
0/-1	.4	.5																19	19	15	32															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

DEC

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt
-2/-3		.4	.3															15	15	19	11
-4/-5		.3	.0															7	7	9	23
-6/-7																					15
-8/-9		.2																5	5	5	17
-10/-11			.0															1	1		5
-12/-13			.1															2	2	2	8
-14/-15																				1	3
-16/-17																					4
-18/-19																					1
-20/-21																					3
-32/-33																					2
-36/-37																					1
TOTAL	20.5	58.5	15.2	4.2	1.3	.1		.0	.1									2231	2229		
																	2230	2230			

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hrs. with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	14479625	177381	79.6	12.780	2229							
Dry Bulb	1936338	60614	27.2	11.781	2231	2.0	65.5					93
Wet Bulb	1731420	56970	25.5	11.128	2230	2.1	72.0					93
Dew Point	1383127	47791	21.4	12.684	2229	3.2	79.2					93

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

2  
DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

DEC  
MONTH

YEARS

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														
64/63			.1	.1	.1																												6	6		
62/61		.1	.2	.3	.2																												13	13	1	
60/59		.1	.2	.1																												10	10	7	3	
58/57		.1	.1	.1																												6	6	14	6	
56/55		.3	.1	.1	.1																											12	12	10	12	
54/53		.2	.1	.1	.0					.0	.0																					12	12	10	9	
52/51		.1	.3	.1	.0																											13	13	10	13	
50/49		.5	.2						.1																							19	19	13	10	
48/47		.2	.4	.3	.1																											24	24	17	16	
46/45		.2	.6	.4	.1	.0																										34	34	17	11	
44/43		.3	.4	.1	.3																											28	28	32	20	
42/41		.3	.5	.8	.4	.3																										51	51	36	36	
40/39		.3	1.6	1.0	.4	.1																										83	83	42	24	
38/37		.4	1.5	.5	.5	.0																										73	74	73	39	
36/35		.9	3.0	1.1	.5	.0																										138	142	104	58	
34/33		.4	4.8	1.7	.2																											169	169	129	104	
32/31		.9	4.3	1.8	.2	.0																										172	172	181	119	
30/29		1.4	5.6	1.7	.1																											207	208	198	157	
28/27		1.9	5.4	1.0																												196	196	240	111	
26/25		2.0	4.7	.9	.0																											182	183	196	207	
24/23		1.4	5.1	.4																												163	164	182	188	
22/21		.7	4.4	.9																												143	143	140	163	
20/19		1.4	3.0	.3																												110	110	153	129	
18/17		1.1	3.0	.3																												104	104	99	161	
16/15		.6	2.7	.0																												78	78	97	134	
14/13		.6	1.4																													47	47	66	94	
12/11		.3	1.8																													50	50	47	73	
10/9		.7	1.2	.0																												46	46	54	62	
8/7		.7	1.1																													43	43	51	67	
6/5		.8	1.0																													42	42	40	64	
4/3		.5	.6																													27	29	28	56	
2/1		.4	.2																													15	15	25	45	
0/-1		.1	.2																													7	7	4	44	
-2/-3		.4	.4																													19	19	23	14	
Fltlen (X)		Σx²			Σx		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 (5-10-64) JUL 64 IF. AD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

YEARS MONTH DEC

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/-5	.4	.2																14	14	14	24
-6/-7	.1	.1																4	4	4	17
-8/-9	.2	.0																6	6	7	21
-10/-11	.0																	1	1	1	8
-12/-13	.0																	1	1	1	7
-14/-15																					4
-16/-17																					5
-18/-19																					6
-20/-21																					3
-22/-23																					3
-24/-25																					1
TOTAL	19.4	60.6	14.9	4.0	.9	.1	.0	.1										2368		2368	

Element (X)	Zx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Hum.	1255	188249	79.5	12.435	2368						
Dry Bulb	2046232	63752	26.8	11.29	2368	2.0	65.7				93
Wet Bulb	1801331	59567	25.2	11.313	2368	2.1	72.8				93
Dew Point	1444821	49851	21.1	12.924	2368	6.2	78.8				93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
STATION NAME YEARS

DEC  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
68/ 67		.1		.1														4	4																	
66/ 65			.0	.1	.1													5	5	2	1															
64/ 63			.2		.0				.0									7	7		1															
62/ 61			.0	.1	.1	.0	.0	.1										9	9	3																
60/ 59		.1	.2	.1	.0	.1	.0	.0										16	16	7	3															
58/ 57	.1	.3	.1	.1	.2	.1	.1											24	24	11	10															
56/ 55		.1	.2	.1	.2	.2	.1											20	20	13	6															
54/ 53		.1	.2	.1	.3	.3	.2											29	29	12	11															
52/ 51		.1	.2	.3	.2	.3	.1											28	28	11	9															
50/ 49		.4	.4	.6	.7	.3												56	57	19	8															
48/ 47	.0	.5	.4	.6	.8	.2												63	64	31	18															
46/ 45	.1	.5	.3	1.5	1.2	.0												90	91	53	18															
44/ 43	.2	.7	.9	1.6	.6	.0												96	96	64	35															
42/ 41	.4	.8	1.0	1.7	.7	.0	.0											113	113	74	37															
40/ 39	.2	1.1	2.2	1.7	.6	.0												142	144	120	47															
38/ 37	.3	1.9	1.7	1.8	.2	.0												143	147	127	55															
36/ 35	.5	2.5	2.1	1.2	.2													158	159	180	96															
34/ 33	.8	3.5	3.1	.7	.2	.0												199	199	186	126															
32/ 31	.2	3.4	2.8	.7														173	174	218	197															
30/ 29	.6	4.1	2.3	.3	.0													178	179	207	195															
28/ 27	.5	3.2	1.9	.5														149	149	203	152															
26/ 25	.5	3.0	1.6	.1														125	125	145	189															
24/ 23	.4	3.3	1.5	.0														127	129	140	205															
22/ 21	.4	3.1	.7															103	103	126	140															
20/ 19	.5	1.7	.9	.0														76	76	117	97															
18/ 17	.3	1.8	.5															62	62	65	147															
16/ 15	.3	1.2	.2															43	43	70	111															
14/ 13	.0	1.3	.2															37	37	38	75															
12/ 11		1.1	.1															28	28	43	71															
10/ 9	.1	1.1																29	29	30	46															
8/ 7	.3	.8																29	28	32	58															
6/ 5	.1	.5																16	16	23	68															
4/ 3	.1	.5																16	16	15	54															
2/ 1	.1	.3																9	9	13	25															
Element (X)	Σ x <sup>2</sup>	Σ x	$\bar{x}$	s <sub>x</sub>	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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

DEC  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/-1	.2	.2																11	11	12	25
-2/-3	.1	.1																5	5	7	11
-4/-5	.1	.0																3	3	2	20
-6/-7																				1	21
-8/-9																					12
-10/-11																					6
-12/-13																					3
-14/-15																					3
-16/-17																					5
-18/-19																					3
TOTAL	7.5	4.3	5.2	6.0	4.0	6.3	1.8	.7	.1	.0							2420	2434		2420	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	12843200	172368	71.2	15.297	2420	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2876150	78396	32.2	12.013	2434	.7	46.7	.2				93
Wet Bulb	2342291	70577	29.2	10.835	2420	.8	57.9					93
Dew Point	1695493	56573	23.4	12.417	2420	4.2	74.5					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52.62-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73											.0									1	1				
72/ 71						.0		.0												2	2				
70/ 69					.0	.0		.0		.0	.0								5	5					
68/ 67				.1	.1	.0		.0	.0	.1									10	10					
66/ 65				.0	.2	.1		.1	.2	.1									19	19					
64/ 63			.1	.1	.2	.1		.1	.2	.2									30	30					
62/ 61		.0	.1	.4	.2	.2		.1	.4	.0									36	36	5				
60/ 59		.2	.1	.2	.1	.3		.4	.5	.1									44	44	8	1			
58/ 57		.2	.0	.1	.4	.5		.8	.2										53	53	21	7			
56/ 55		.1	.2	.2	.4	.8		1.0	.4	.0									76	76	21	13			
54/ 53			.6	.3	.7	.9		.7	.1										83	83	23	18			
52/ 51	.0	.4	.5	.5	.8	1.2		.3											82	82	28	13			
50/ 49		.2	.2	.7	1.4	1.1		.3											99	98	65	12			
48/ 47	.1	.4	.4	1.1	1.4	.6		.3											102	102	74	32			
46/ 45	.2	.4	.4	1.4	1.3	.6		.1											107	107	112	28			
44/ 43	.0	.7	.7	1.4	.7	.5		.1											102	102	111	33			
42/ 41	.2	.4	1.3	1.4	1.3	.5													121	123	146	53			
40/ 39	.1	.7	1.6	1.0	1.0	.2		.0											138	139	145	57			
38/ 37	.3	1.4	1.2	1.8	.2	.2													127	130	156	67			
36/ 35	.7	1.5	2.4	1.7	.5														167	168	163	139			
34/ 33	.3	2.1	2.3	1.0	.1	.0													140	141	161	160			
32/ 31	.5	2.0	2.7	.8	.3														175	176	216	206			
30/ 29	.3	1.6	2.1	1.1	.1														126	126	178	211			
28/ 27	.4	2.6	1.4	.3															121	121	145	149			
26/ 25	.2	2.2	1.9	.4															114	114	144	170			
24/ 23	.0	1.8	1.7	.2															90	90	118	155			
22/ 21	.2	1.2	1.4	.2															73	73	103	156			
20/ 19	.2	1.1	.6																46	46	75	111			
18/ 17		.6	.3																22	22	60	124			
16/ 15		.7	.3																24	24	30	84			
14/ 13	.0	.5	.2																19	19	22	69			
12/ 11		.5	.1																15	15	27	63			
10/ 9	.0	.9																	22	22	15	55			
8/ 7	.1	.5	.0																14	14	20	61			
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921  
 STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
 STATION NAME YEARS

DEC  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5	.0	.4																10	10	16	45
4/ 3		.3																7	7	8	31
2/ 1																				5	17
0/ -1																					23
-2/ -3																					13
-4/ -5																					16
-6/ -7																					13
-8/ -9																					3
-10/-11																					5
-12/-13																					2
-14/-15																					2
-16/-17																					1
-18/-19																					1
TOTAL	4.0	26.6	24.7	17.4	11.7	8.0	4.5	2.0	.6	.4	.1								2430		2421
																		2421		2421	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total										
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$											
Ref. Hum.	10419055	152619	63.0	18.159	2421																	
Dry Bulb	3081650	91950	37.8	12.870	2430			33.6	.7	.0												93
Wet Bulb	2923969	80031	33.1	10.725	2421			45.4														93
Dew Point	1905187	61269	25.3	12.105	2421	3.1	68.7															93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF STATION NAME 37-52,62-72 YEARS DEC MONTH  
 PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. Wet Bulb	Wet Bulb	Dew Point																	
74/ 73																		.0															1	1			
68/ 67				.0	.0			.2																										6	6		
66/ 65				.1	.2			.2	.2	.2																								22	22		
64/ 63			.2	.1	.1	.1	.1	.2	.2	.0																								25	25		
62/ 61		.0	.2	.3	.0	.2	.2	.2	.1																									35	35	3	
60/ 59		.0	.1	.2	.0	.3	.5	.5	.1																									40	40	8	2
58/ 57		.3	.2	.1	.4	.5	.4	.3	.0																									57	57	21	6
56/ 55		.1	.2	.3	.8	.6	.6	.4	.1																									74	74	15	14
54/ 53		.2	.2	.3	.4	.9	.4	.1																										62	62	22	15
52/ 51		.3	.3	.3	.8	.9	.5																											76	76	32	13
50/ 49		.2	.2	.7	1.5	.8	.3																											90	90	57	17
48/ 47	.1	.2	.3	1.3	1.4	.4	.2																											94	94	79	25
46/ 45	.1	.7	.7	1.6	1.2	.5	.2																											123	123	84	17
44/ 43	.1	.7	.9	1.4	.6	.3	.0																											105	105	125	50
42/ 41	.2	.7	1.3	1.5	1.1	.4	.1																											128	129	154	46
40/ 39	.1	.7	2.0	1.4	.9	.2	.0																											128	128	132	53
38/ 37	.2	1.8	2.2	1.9	.4	.2																												162	164	144	83
36/ 35	.5	2.2	1.8	1.3	.5																													154	156	181	149
34/ 33	.5	3.1	1.8	.9	.3																													161	161	194	160
32/ 31	.5	2.8	2.7	.7	.2																													166	166	199	217
30/ 29	.2	2.1	2.1	1.3	.1																													142	142	174	225
28/ 27	.3	2.5	1.5	.3																														113	113	157	140
26/ 25	.4	2.7	1.5	.3																														119	119	146	156
24/ 23	.0	1.9	1.7	.0																														88	88	134	160
22/ 21	.1	.9	1.4	.1																														62	62	78	183
20/ 19	.1	1.6	.5																															55	55	82	99
18/ 17		.8	.5																															30	30	63	90
16/ 15		.7	.3																															24	24	30	93
14/ 13	.0	.7	.3																															26	26	28	63
12/ 11	.1	.7																																18	18	28	61
10/ 9		.6																																15	15	19	73
8/ 7		.5																																13	13	17	53
6/ 5	.1	.3																																10	10	12	31
4/ 3		.2																																4	4	6	34
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921  
 STATION

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72  
 STATION NAME YEARS

DEC  
 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														
2/ 1		.0																	1	1	4	37													
0/ -1																						1	16												
-2/ -3																							14												
-4/ -5																							14												
-6/ -7																							8												
-8/ -9																							2												
-10/-11																							5												
-12/-13																							2												
-16/-17																							3												
TOTAL	3.7	30.5	25.1	16.4	11.2	6.3	3.8	1.9	.7	.3	.0								2429	2434		2429													

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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	10965033	157179	64.7	18.085	2429							93
Dry Bulb	3785916	91006	37.4	12.551	2434		33.9	.3	.0			93
Wet Bulb	2896014	79884	32.9	10.522	2429	.0	45.1					93
Dew Point	1931112	62066	25.6	11.924	2429	2.5	68.1					93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19921 FORT LEAVENWORTH KANS/SHERMAN AFB 38-52.62-72

DEC  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
66/ 65					.0													1	1		
64/ 63			.0	.1														3	3		
62/ 61		.1	.1	.1						.1								10	10		
60/ 59			.1	.3				.0	.0	.1								15	15	4	1
58/ 57	.1	.3	.2	.1	.0				.1									20	20	10	4
56/ 55		.3	.0	.2	.2	.0	.0											16	16	16	10
54/ 53		.2	.1	.2	.3	.0	.1											21	21	16	15
52/ 51		.3	.2	.2	.3	.2	.1	.1										33	33	6	10
50/ 49	.1	.5	.3	.3	.3	.2	.1											44	44	25	18
48/ 47	.1	.4	.5	.4	.8	.2												56	56	30	13
46/ 45	.2	1.1	.5	.9	.5	.3	.0											80	80	37	16
44/ 43		.7	.8	1.0	.6	.1												77	78	55	30
42/ 41	.1	.8	1.5	1.3	.3													95	97	69	42
40/ 39	.1	1.4	2.6	1.0	.3													131	131	94	39
38/ 37	.4	2.6	1.8	1.1	.1													145	147	143	53
36/ 35	.5	3.4	2.8	1.3	.1													193	194	186	91
34/ 33	.8	5.0	2.2	.9	.2													217	217	166	148
32/ 31	.4	4.5	2.1	.5	.1													179	179	261	198
30/ 29	.3	4.3	2.3	.4														173	175	180	212
28/ 27	.6	3.4	1.9	.1														144	144	186	120
26/ 25	.6	4.5	1.5	.2														150	150	179	205
24/ 23	.8	4.0	.9															135	135	156	160
22/ 21	.4	2.6	.8															92	92	138	176
20/ 19	.4	2.0	.5															69	69	80	98
18/ 17	.3	2.0	.5															67	68	80	135
16/ 15	.1	1.3	.3															41	41	55	110
14/ 13	.1	1.9	.1															51	51	50	78
12/ 11	.1	1.3	.1															35	35	49	68
10/ 9	.2	.7																21	21	33	59
8/ 7	.2	.6																19	19	21	64
6/ 5	.1	.4																12	12	13	53
4/ 3	.3	.5																19	20	21	42
2/ 1	.0	.2																5	5	7	30
0/ -1	.2	.0																6	6	8	18
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Ref. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 36-52,62-72

DEC

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/-3	.0	.2																5	5	3	25
-4/-5																				2	13
-6/-7																					5
-8/-9																					8
-10/-11																					4
-12/-13																					4
-14/-15																					1
-16/-17																					3
TOTAL	7.4	51.2	24.9	10.4	4.1	1.1	.5	.4									2379	2389	2379	2379	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	13448869	175393	73.714	7.58	2379							93
Dry Bulb	2713008	75860	31.811	2.86	2379	.4	47.7					93
Wet Bulb	2266119	69211	29.110	3.06	2379	.5	59.5					93
Dew Point	1686977	56709	23.811	1.872	2379	3.2	73.0					93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF JB-52,52-72 DEC  
STATION STATION NAME YEARS MONTH  
PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													31	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
64/ 63				.1																													2	2		
62/ 61		.2	.2	.1									.0																				13	13		
60/ 59			.1	.1						.0																						6	6	6	2	
58/ 57	.0	.5	.1	.3	.1					.1																						29	28	11	4	
56/ 55		.1	.0	.2	.1								.0																			11	11	17	15	
54/ 53		.2	.1	.2						.1																						13	13	6	12	
52/ 51		.3	.2	.2						.1																						17	17	17	7	
50/ 49	.0	.3	.2	.1	.2	.1																										23	23	16	13	
48/ 47	.2	.4	.3	.1	.5	.1	.0																									36	36	25	22	
46/ 45	.1	.5	.4	.8	.3	.1	.0																									51	51	20	13	
44/ 43	.2	.8	.7	.8	.4	.1																										69	72	26	20	
42/ 41	.5	.8	.7	.7	.3																											70	70	56	32	
40/ 39	.2	1.2	2.0	.5	.2	.0																										97	98	76	37	
38/ 37	.5	1.8	1.6	.9	.3																											119	123	101	56	
36/ 35	.6	3.8	3.0	.8	.2																											201	201	142	60	
34/ 33	.8	5.8	1.7	.5																												208	208	194	122	
32/ 31	.7	5.3	1.6	.5																												194	194	251	183	
30/ 29	.8	4.4	1.8	.4	.0																											177	178	201	211	
28/ 27	1.3	3.7	.9	.1																												143	144	197	153	
26/ 25	1.1	4.5	.8	.1																												153	153	144	195	
24/ 23	.9	4.6	1.0	.0																												157	158	163	164	
22/ 21	.9	3.8	.5																													125	125	148	143	
20/ 19	.8	2.8	.4																													95	95	134	115	
18/ 17	.6	2.1	.2																													70	70	80	152	
16/ 15	.2	2.3	.3																													65	65	68	119	
14/ 13	.3	2.0	.0																													55	55	64	79	
12/ 11	.4	1.8																														52	52	58	72	
10/ 9	.5	.9																														32	32	50	59	
8/ 7	.3	.7																														24	24	24	86	
6/ 5	.0	.8																														19	20	19	54	
4/ 3	.3	.6																														21	21	24	41	
2/ 1	.3	.2																														12	12	17	35	
0/ -1	.2	.1																														7	7	10	27	
-2/ -3	.0	.2																														5	5	3	24	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72

DEC  
 MONTH

YEARS

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	
-4/-5	.2	.0																5	5	7	14	
-6/-7	.0	.0																2	2	2	14	
-8/-9																					3	
-10/-11																					6	
-12/-13																					5	
-14/-15																					5	
-18/-19																					1	
-20/-21																					1	
TOTAL	12.9	57.3	18.9	7.5	2.5	.6	.2	.1										2377	2389	2376		

Element (X)	$\sum x'$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	14613783	183477	77.2	13.696	2376	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2396377	70557	29.5	11.440	2389	.7	55.2					93
Wet Bulb	2054418	65154	27.4	10.631	2377	.9	65.1					93
Dew Point	1592120	54386	22.9	12.096	2376	3.9	76.8					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	24.2	28.1	35.0	48.0	57.8	67.3	70.7	69.0	60.4	50.5	37.8	28.3	40.4
	S D	13.232	10.842	11.895	10.527	9.595	7.505	6.933	6.896	9.321	10.546	11.393	11.550	19.329
	TOTAL OBS	2229	1937	2135	2149	2251	2223	2309	2235	2129	2091	2113	2229	26030
03-05	MEAN	23.1	26.6	33.2	45.9	55.7	65.5	68.5	67.1	58.6	48.8	36.5	27.2	47.0
	S D	13.333	11.072	11.790	10.454	9.424	7.216	6.631	6.705	9.586	10.551	11.457	11.781	19.037
	TOTAL OBS	2231	1941	2136	2186	2313	2284	2384	2314	2249	2237	2100	2231	26606
06-08	MEAN	22.4	26.3	34.3	48.2	59.4	69.1	72.5	70.0	61.0	50.2	36.8	26.8	48.6
	S D	13.359	11.143	12.000	10.324	9.011	7.248	6.327	7.072	9.688	10.584	11.232	11.929	20.321
	TOTAL OBS	2360	2131	2441	2324	2452	2365	2501	2486	2454	2501	2303	2380	28598
09-11	MEAN	27.3	31.9	41.8	56.6	67.6	76.4	80.9	78.9	71.1	61.2	44.2	32.2	56.3
	S D	13.557	11.549	13.414	10.984	9.595	8.117	6.742	7.533	9.748	10.763	11.353	12.013	21.603
	TOTAL OBS	2380	2150	2367	2344	2450	2366	2498	2486	2443	2502	2354	2434	28774
12-14	MEAN	33.2	38.0	47.8	61.9	72.5	80.9	85.9	84.4	77.0	68.0	50.4	37.8	61.9
	S D	14.350	12.424	14.547	12.009	10.278	8.554	7.164	7.990	10.380	11.609	12.248	12.870	21.734
	TOTAL OBS	2383	2156	2366	2348	2455	2367	2500	2477	2447	2503	2352	2430	28784
15-17	MEAN	33.8	39.4	49.4	63.0	73.4	82.1	86.8	85.4	77.1	67.6	49.6	37.4	62.5
	S D	14.086	12.705	14.720	12.049	10.474	8.636	7.320	7.816	10.209	11.483	12.265	12.551	21.850
	TOTAL OBS	2380	2152	2363	2348	2452	2363	2506	2474	2448	2510	2354	2434	28784
18-20	MEAN	28.0	33.4	43.6	57.5	67.6	76.8	80.7	77.6	67.4	57.3	42.5	31.8	55.6
	S D	12.771	10.815	13.388	11.323	10.049	8.253	7.302	7.531	9.604	10.471	11.146	11.286	21.038
	TOTAL OBS	2354	2103	2307	2316	2426	2343	2403	2346	2293	2355	2317	2389	27952
21-23	MEAN	25.4	30.1	38.6	51.5	60.9	70.1	73.3	71.2	62.5	52.9	39.4	29.5	50.5
	S D	12.824	10.466	12.296	10.606	9.542	7.567	6.794	6.821	9.188	10.690	11.073	11.440	19.578
	TOTAL OBS	2349	2107	2309	2244	2334	2272	2357	2288	2183	2243	2319	2389	27394
ALL HOURS	MEAN	27.2	31.8	40.6	54.2	64.5	73.6	77.6	75.6	67.2	57.4	42.3	31.5	54.0
	S D	14.059	12.321	14.308	12.667	11.639	9.888	9.568	9.918	12.006	13.101	12.654	12.613	21.444
	TOTAL OBS	18666	16677	18324	18259	19133	18583	19458	19106	18646	18942	18212	18916	222922

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72  
 STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	22.5	26.0	32.3	44.0	54.2	64.1	67.2	65.7	57.7	47.4	35.1	26.4	45.5
	S D	12.535	10.115	10.693	9.437	8.502	6.486	5.704	5.803	8.594	9.620	10.457	10.840	18.425
	TOTAL OBS	2224	1934	2132	2146	2246	2218	2304	2232	2109	2064	2107	2227	25943
03-05	MEAN	21.6	24.8	30.9	42.6	53.0	63.0	65.8	64.6	56.4	46.2	34.2	25.5	44.6
	S D	12.732	10.487	10.846	9.608	8.706	6.490	5.783	5.901	8.939	9.803	10.637	11.128	18.394
	TOTAL OBS	2226	1935	2131	2183	2303	2279	2379	2311	2229	2210	2092	2230	26308
06-08	MEAN	20.9	24.6	31.7	44.3	55.4	64.9	68.0	66.2	57.8	47.1	34.4	25.2	45.5
	S D	12.744	10.593	10.988	9.539	8.322	6.212	5.141	5.799	8.824	9.869	10.483	11.313	19.115
	TOTAL OBS	2346	2123	2338	2317	2437	2363	2492	2485	2435	2475	2289	2368	28468
09-11	MEAN	24.8	28.8	36.8	49.2	59.3	68.0	71.2	70.1	62.7	53.3	39.4	29.2	49.8
	S D	12.471	10.383	11.174	9.192	8.202	6.244	5.035	5.342	7.935	9.183	9.952	10.335	18.753
	TOTAL OBS	2378	2149	2366	2341	2450	2366	2494	2485	2424	2479	2345	2420	28697
12-14	MEAN	29.1	33.0	40.4	51.7	61.2	69.6	72.6	71.7	64.7	56.3	43.0	33.1	52.5
	S D	12.360	10.275	11.108	9.138	8.093	6.209	5.182	5.529	7.809	9.009	9.851	10.725	17.836
	TOTAL OBS	2351	2154	2365	2345	2454	2366	2499	2480	2424	2487	2345	2421	28721
15-17	MEAN	29.6	33.9	41.2	52.2	61.5	70.1	73.0	72.0	64.8	56.1	42.5	32.9	52.8
	S D	12.097	10.307	10.922	8.885	7.873	6.067	5.138	5.416	7.599	8.886	9.844	10.522	17.728
	TOTAL OBS	2376	2152	2364	2345	2453	2363	2505	2476	2424	2490	2349	2429	28726
18-20	MEAN	25.6	29.9	37.9	49.5	59.5	68.8	71.9	70.2	61.8	51.4	38.3	29.1	49.7
	S D	11.760	9.567	10.661	9.008	7.886	6.074	5.174	5.366	8.008	9.122	9.944	10.306	18.521
	TOTAL OBS	2348	2102	2366	2315	2426	2343	2403	2343	2269	2333	2311	2379	27878
21-23	MEAN	23.6	27.6	34.8	46.3	56.3	65.9	68.9	67.2	59.0	48.8	36.3	27.4	46.8
	S D	12.092	9.684	10.604	9.355	8.199	6.333	5.485	5.814	8.272	9.541	10.109	10.631	18.396
	TOTAL OBS	2340	2106	2302	2237	2334	2269	2354	2285	2160	2219	2303	2377	27206
ALL HOURS	MEAN	24.8	28.7	35.9	47.6	57.6	66.8	69.9	68.5	60.7	51.0	38.0	28.7	48.5
	S D	12.723	10.707	11.489	9.880	8.755	6.747	5.901	6.252	8.816	10.118	10.666	11.164	18.647
	TOTAL OBS	18619	16655	18304	18229	19103	18567	19430	19097	18474	18757	18161	18851	222227

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	17.7	21.1	27.7	39.7	51.5	62.4	65.4	64.1	56.0	44.4	31.3	22.2	42.3
	S D	14.454	11.959	11.842	10.635	9.075	6.644	5.824	6.097	8.866	10.347	11.523	12.261	19.979
	TOTAL OBS	2223	1934	2132	2146	2246	2218	2304	2232	2109	2064	2107	2224	25939
03-05	MEAN	17.0	20.2	26.8	39.0	50.9	61.5	64.4	63.3	54.9	43.8	30.6	21.4	41.8
	S D	14.730	12.437	12.073	10.635	9.237	6.643	5.871	6.093	9.134	10.389	11.646	12.684	19.985
	TOTAL OBS	2226	1935	2131	2183	2303	2279	2379	2311	2229	2208	2092	2229	26205
05-08	MEAN	16.3	19.9	27.3	40.1	52.3	62.7	65.8	64.3	55.7	44.1	30.7	21.1	42.2
	S D	14.828	12.559	12.194	10.784	9.327	6.621	5.465	5.970	9.173	10.658	11.538	12.924	20.479
	TOTAL OBS	2346	2123	2339	2317	2437	2363	2492	2485	2434	2475	2289	2368	28468
09-11	MEAN	18.7	22.3	29.8	41.9	53.4	63.8	66.7	65.8	57.5	46.5	33.2	23.4	43.9
	S D	14.568	12.504	12.253	11.270	10.205	7.150	6.195	6.206	9.415	11.319	11.353	12.417	20.153
	TOTAL OBS	2378	2149	2366	2341	2430	2366	2493	2485	2424	2479	2345	2420	28696
12-14	MEAN	21.1	24.6	30.9	42.3	53.4	64.0	66.5	65.7	57.3	46.6	34.1	25.3	44.7
	S D	14.119	12.275	12.267	11.701	10.688	7.579	6.863	7.095	10.044	11.904	11.491	12.105	19.540
	TOTAL OBS	2381	2154	2365	2345	2454	2365	2499	2479	2424	2485	2345	2421	28717
15-17	MEAN	21.6	25.1	31.2	42.2	53.3	64.1	66.6	65.7	57.4	46.6	34.1	25.6	44.8
	S D	13.840	12.358	12.182	11.688	10.542	7.475	6.917	7.203	9.873	11.905	11.454	11.924	19.393
	TOTAL OBS	2376	2152	2364	2344	2453	2363	2505	2476	2424	2489	2348	2429	28723
18-20	MEAN	19.8	23.3	30.2	41.8	53.8	64.8	67.9	66.6	58.2	46.2	32.9	23.8	44.3
	S D	13.659	11.725	11.735	11.173	9.729	6.909	6.174	6.534	8.834	10.738	11.400	11.872	20.049
	TOTAL OBS	2348	2102	2306	2315	2426	2343	2403	2343	2269	2333	2311	2379	27878
21-23	MEAN	18.4	22.1	29.2	41.0	52.9	63.6	66.8	65.1	56.8	45.0	31.8	22.9	43.0
	S D	13.987	11.660	11.671	10.970	8.981	6.650	5.721	6.345	8.729	10.477	11.399	12.096	20.020
	TOTAL OBS	2340	2106	2302	2287	2334	2269	2384	2285	2160	2219	2304	2376	27286
ALL HOURS	MEAN	18.8	22.4	29.2	41.0	52.7	63.4	66.3	65.1	56.7	45.4	32.4	23.2	43.4
	S D	14.382	12.323	12.134	11.183	9.804	7.045	6.231	6.543	9.342	11.071	11.549	12.381	19.982
	TOTAL OBS	18618	16653	18205	18228	19103	18566	19429	19096	18473	18752	18141	18846	222212



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13921  
 STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
 STATION NAME

37-53,62-72  
 PERIOD

ALL  
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.5	97.2	90.0	75.7	55.3	35.2	14.0	72.1	18618
FEB		100.0	99.8	98.2	93.6	84.9	72.0	53.5	32.9	13.7	70.3	16655
MAR		100.0	99.2	96.0	89.5	78.4	64.8	47.6	29.9	11.7	67.2	18303
APR		100.0	98.9	94.5	85.2	73.7	59.7	44.2	27.8	11.3	65.1	18229
MAY		100.0	99.6	96.9	90.0	79.5	66.4	51.8	35.4	15.8	69.2	19103
JUN		100.0	100.0	99.6	96.1	87.8	74.4	58.6	40.5	16.5	73.0	18566
JUL		100.0	100.0	99.4	94.7	84.0	70.1	55.0	38.3	14.7	71.3	19428
AUG		100.0	100.0	99.2	94.6	85.1	72.9	59.2	43.3	19.5	73.1	19091
SEP		100.0	99.9	98.2	92.2	83.0	72.9	61.4	46.3	22.3	73.3	18472
OCT		100.0	99.4	95.8	87.7	77.6	66.2	52.5	37.0	16.9	69.0	18751
NOV		100.0	99.9	98.7	93.6	84.4	71.2	54.3	35.9	15.1	70.7	18139
DEC		100.0	100.0	99.2	96.5	90.1	78.1	61.2	39.9	16.4	73.4	18846
TOTALS		100.0	99.7	97.9	92.6	83.2	70.4	54.6	36.9	15.7	70.6	222201



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### RELATIVE HUMIDITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
PERIOD

FEB  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	98.6	93.4	84.9	66.6	42.3	17.4	75.9	1934
	03-05	100.0	100.0	99.9	98.8	95.1	87.9	71.5	45.9	21.2	77.3	1935
	06-08	100.0	100.0	99.9	99.1	96.0	87.9	71.4	46.2	19.0	77.4	2123
	09-11	100.0	100.0	99.1	95.0	85.5	70.3	46.9	27.5	11.7	69.1	2149
	12-14	100.0	99.5	95.4	85.4	69.4	49.0	31.3	18.6	8.2	61.3	2154
	15-17	100.0	98.9	93.3	81.7	65.4	46.2	31.5	17.9	7.9	59.7	2152
	18-20	100.0	100.0	98.0	93.2	83.4	69.0	48.2	28.3	10.8	68.5	2102
	21-23	100.0	100.0	99.7	97.1	91.3	81.0	60.7	36.8	13.5	73.4	2106
TOTALS		100.0	99.8	98.2	93.6	84.9	72.0	53.5	32.9	13.7	70.3	16655



2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### RELATIVE HUMIDITY

13921  
STATION

FORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53;62-72  
PERIOD

APR  
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%		
APR	00-02	100.0	99.9	99.4	96.9	91.5	80.4	63.7	41.3	17.5	74.7	2146
	03-05	100.0	100.0	99.7	98.8	95.1	87.4	71.9	50.2	22.6	78.1	2183
	06-08	100.0	99.9	99.7	98.4	94.3	81.4	62.5	39.6	16.7	75.0	2317
	09-11	100.0	99.5	96.0	85.4	68.3	48.2	31.5	17.7	5.1	60.7	2341
	12-14	100.0	97.1	86.7	67.2	49.1	33.0	20.1	11.7	3.7	52.4	2345
	15-17	99.9	95.9	83.4	61.7	44.2	30.3	20.6	12.4	5.0	50.8	2345
	18-20	100.0	98.7	92.7	80.0	63.0	47.3	32.1	18.5	6.9	59.5	2315
	21-23	100.0	100.0	98.6	93.5	84.0	69.9	51.0	30.6	13.2	69.7	2237
TOTALS		100.0	98.9	94.5	85.2	73.7	59.7	44.2	27.8	11.3	65.1	18229



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### RELATIVE HUMIDITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF

37-53,62-72

JUN

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.5	97.6	90.3	70.6	33.5	85.0	2218
	03-05	100.0	100.0	100.0	100.0	99.9	99.1	94.3	80.0	42.8	87.5	2279
	06-08	100.0	100.0	100.0	100.0	99.3	95.2	80.9	55.9	18.7	80.8	2363
	09-11	100.0	100.0	99.9	97.9	87.7	64.2	37.7	18.4	5.3	66.6	2366
	12-14	100.0	100.0	98.6	88.4	68.8	41.0	21.2	9.4	2.5	58.5	2365
	15-17	100.0	100.0	98.4	85.3	61.8	36.2	18.1	8.3	2.1	56.6	2363
	18-20	100.0	100.0	99.8	97.2	86.8	68.4	45.1	24.7	6.0	68.3	2343
	21-23	100.0	100.0	100.0	99.9	98.9	93.7	81.0	56.6	20.8	80.8	2269
<b>TOTALS</b>		<b>100.0</b>	<b>100.0</b>	<b>99.6</b>	<b>96.1</b>	<b>87.8</b>	<b>74.4</b>	<b>58.6</b>	<b>40.5</b>	<b>16.5</b>	<b>73.0</b>	<b>18566</b>

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### RELATIVE HUMIDITY

1921  
STATION

PORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-53,62-72  
PERIOD

JUL  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.2	96.5	88.1	70.5	31.5	84.3	2304
	03-05	100.0	100.0	100.0	100.0	99.6	98.6	94.5	80.9	41.0	87.4	2379
	06-08	100.0	100.0	100.0	99.9	99.3	94.7	80.5	52.8	17.1	80.1	2492
	09-11	100.0	100.0	99.8	96.8	82.5	56.2	28.1	11.6	3.2	63.4	2493
	12-14	100.0	100.0	98.3	83.8	56.6	28.4	12.7	5.0	1.1	54.1	2499
	15-17	100.0	100.0	97.4	80.6	50.2	25.7	11.9	5.0	1.8	52.9	2504
	18-20	100.0	100.0	99.7	96.8	85.4	65.7	42.5	21.3	3.9	67.0	2403
	21-23	100.0	100.0	100.0	99.7	99.0	94.8	82.0	58.9	17.7	80.9	2354
TOTALS		100.0	100.0	99.4	94.7	84.0	70.1	55.0	38.3	14.7	71.3	19428









DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13921  
STATION

PORT LEAVENWORTH KANS/SHERMAN AAF  
STATION NAME

37-52,62-72  
PERIOD

NOV  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOUPS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.4	96.1	89.0	73.6	51.5	22.4	78.5	2107
	03-05	100.0	100.0	100.0	99.6	97.4	90.5	78.3	56.5	24.3	80.0	2091
	06-08	100.0	100.0	99.9	99.5	97.4	91.5	77.1	55.0	22.8	79.6	2289
	09-11	100.0	100.0	99.7	95.4	84.0	64.3	39.9	22.2	8.6	66.9	2345
	12-14	100.0	99.5	95.1	78.6	57.5	37.4	22.5	12.9	5.0	56.4	2345
	15-17	100.0	99.8	95.2	80.9	60.8	42.2	25.8	14.1	6.9	58.0	2348
	18-20	100.0	100.0	99.7	97.0	88.1	72.6	51.8	30.8	11.9	70.6	2311
	21-23	100.0	100.0	100.0	98.4	93.5	82.1	65.7	43.8	18.6	75.7	2303
TOTALS		100.0	99.9	98.7	93.6	84.4	71.2	54.3	35.9	15.1	70.7	18139



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 ENVIRONMENTAL TECHNICAL  
 APPLICATIONS CENTER

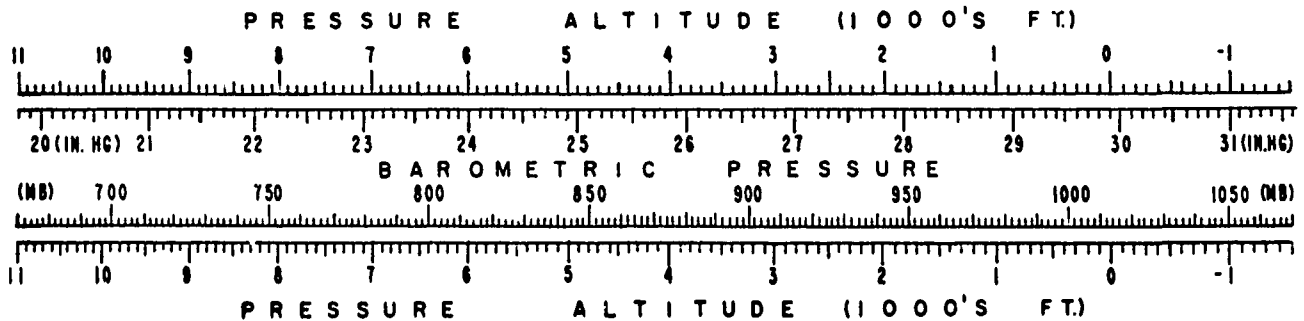
PART F PRESSURE SUMMARY

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.



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 46-53,62-63,65-72

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.271	29.262	29.169	29.131	29.112	29.089	29.158	29.165	29.194	29.203	29.218	29.242	29.182
	S D	.267	.220	.245	.219	.163	.133	.102	.107	.141	.184	.232	.256	.204
	TOTAL OBS	446	363	426	443	472	470	459	467	450	432	448	463	5339
03	MEAN	29.268	29.253	29.159	29.123	29.108	29.084	29.154	29.161	29.192	29.203	29.214	29.241	29.178
	S D	.271	.227	.248	.227	.169	.134	.105	.107	.148	.184	.238	.258	.206
	TOTAL OBS	446	364	427	444	473	472	481	498	480	458	431	465	5439
06	MEAN	29.269	29.262	29.170	29.142	29.134	29.107	29.177	29.184	29.210	29.216	29.217	29.237	29.193
	S D	.275	.230	.252	.236	.169	.138	.110	.109	.153	.185	.241	.264	.207
	TOTAL OBS	461	390	455	447	499	479	506	546	538	538	450	465	5774
09	MEAN	29.296	29.286	29.188	29.154	29.146	29.121	29.191	29.199	29.228	29.235	29.245	29.265	29.213
	S D	.281	.232	.257	.239	.173	.139	.111	.110	.156	.190	.244	.265	.213
	TOTAL OBS	489	418	486	473	499	481	507	544	535	552	508	522	6014
12	MEAN	29.279	29.276	29.173	29.134	29.129	29.106	29.176	29.182	29.206	29.210	29.221	29.246	29.194
	S D	.282	.229	.258	.237	.170	.136	.107	.109	.155	.186	.242	.262	.211
	TOTAL OBS	489	418	486	472	499	480	504	543	538	548	507	523	6007
15	MEAN	29.240	29.229	29.124	29.094	29.094	29.073	29.145	29.146	29.162	29.165	29.188	29.209	29.155
	S D	.273	.223	.257	.230	.165	.133	.107	.107	.150	.184	.236	.256	.206
	TOTAL OBS	486	420	486	473	501	480	511	543	539	548	505	523	6015
18	MEAN	29.257	29.244	29.127	29.088	29.076	29.051	29.119	29.128	29.154	29.170	29.205	29.226	29.153
	S D	.264	.212	.247	.222	.158	.132	.105	.107	.143	.180	.228	.250	.205
	TOTAL OBS	489	417	485	470	499	480	485	511	502	515	500	516	5869
21	MEAN	29.276	29.262	29.153	29.118	29.104	29.073	29.139	29.152	29.183	29.195	29.219	29.239	29.176
	S D	.262	.217	.244	.218	.155	.129	.103	.108	.141	.182	.229	.252	.203
	TOTAL OBS	485	420	481	470	497	480	487	514	507	519	506	519	5885
ALL HOURS	MEAN	29.270	29.259	29.158	29.123	29.113	29.088	29.157	29.165	29.191	29.200	29.216	29.238	29.181
	S D	.272	.224	.252	.229	.167	.136	.108	.110	.150	.186	.237	.256	.208
	TOTAL OBS	3791	3210	3732	3692	3939	3822	3940	4166	4089	4110	3855	3996	46342

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

STATION		STATION NAME												YEARS
HRS (LST)		JAN.	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.6	1019.7	1016.7	1014.6	1013.7	1012.6	1014.8	1014.8	1016.3	1017.5	1018.6	1019.6	1016.6
	S D	9.408	8.320	8.695	7.913	5.852	4.963	3.719	3.907	5.156	6.657	8.565	8.936	7.514
	TOTAL OBS	725	615	704	715	749	732	757	732	690	680	715	741	8555
03	MEAN	1020.6	1019.4	1016.4	1014.3	1013.6	1012.5	1014.7	1014.7	1016.4	1017.4	1018.4	1019.6	1016.4
	S D	9.593	8.534	8.789	8.164	6.060	5.050	3.787	3.913	5.303	6.630	8.779	9.027	7.605
	TOTAL OBS	725	619	706	715	750	733	779	771	749	737	699	742	8725
06	MEAN	1020.7	1019.7	1016.9	1015.1	1014.4	1013.4	1015.5	1015.5	1017.1	1018.0	1018.7	1019.5	1017.0
	S D	9.659	8.638	8.976	8.292	6.093	5.146	3.894	4.033	5.518	6.635	8.887	9.140	7.582
	TOTAL OBS	738	644	730	747	805	770	815	820	808	817	720	743	9159
09	MEAN	1021.6	1020.6	1017.5	1015.5	1014.8	1013.9	1015.9	1016.0	1017.7	1018.7	1019.6	1020.6	1017.7
	S D	9.884	8.591	9.123	8.458	6.212	5.190	3.898	3.993	5.560	6.793	8.907	9.231	7.768
	TOTAL OBS	766	671	765	773	807	774	816	820	805	830	777	802	9406
12	MEAN	1020.7	1020.1	1016.8	1014.7	1014.1	1013.3	1015.3	1015.3	1016.8	1017.6	1018.8	1019.8	1016.9
	S D	9.891	8.501	9.096	8.371	6.077	5.043	3.847	3.937	5.503	6.684	8.982	9.109	7.689
	TOTAL OBS	780	668	757	799	830	797	839	843	832	853	801	827	9626
15	MEAN	1019.5	1018.5	1015.1	1013.3	1012.9	1012.2	1014.2	1014.1	1015.3	1016.1	1017.6	1018.7	1015.6
	S D	9.636	8.324	8.961	8.085	5.943	4.960	3.845	3.915	5.367	6.587	8.766	8.964	7.533
	TOTAL OBS	778	668	759	800	832	795	840	842	833	851	797	824	9619
18	MEAN	1020.2	1019.0	1015.3	1013.2	1012.3	1011.5	1013.4	1013.5	1015.2	1016.4	1018.1	1019.2	1015.6
	S D	9.411	8.007	8.746	7.779	5.801	4.869	3.711	3.917	5.214	6.537	8.435	8.788	7.354
	TOTAL OBS	767	672	763	772	807	773	794	784	772	793	770	793	9260
21	MEAN	1020.8	1019.7	1016.2	1014.3	1013.4	1012.3	1014.2	1014.4	1016.0	1017.2	1018.6	1019.6	1016.4
	S D	9.349	8.105	8.676	7.802	5.623	4.813	3.649	3.931	5.130	6.652	8.427	8.827	7.495
	TOTAL OBS	764	671	759	761	804	772	798	776	747	766	774	796	9190
ALL HOURS	MEAN	1020.6	1019.6	1016.3	1014.4	1013.6	1012.7	1014.8	1014.8	1016.4	1017.4	1018.5	1019.6	1016.5
	S D	9.619	8.395	8.915	8.140	6.005	5.055	3.871	4.016	5.413	6.690	8.734	9.013	7.623
	TOTAL OBS	6043	5232	5943	6082	6384	6146	6438	6388	6236	6327	6053	6268	73540