AD-A118 462 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT KNOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUL 82

UNCLASSIFIED USAFETAC/DS-82/042 SBI-AD-E850 201 NL

1 OF 6
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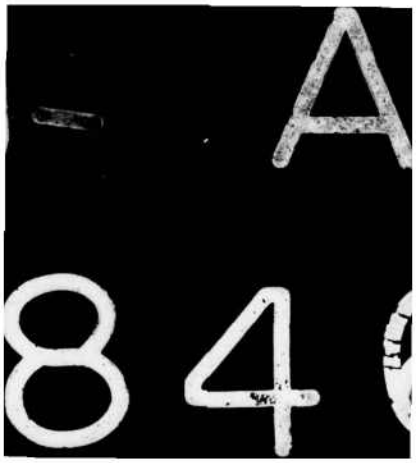
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FT KNOX/GODMAN AAF KY MSC #724240
N 37 54 W 085 58 FLD ELEV 753 FT FTK

15 JUL 1982

PARTS A-F
POR FROM HOURLY OBS: JAN 65 - DEC 70, FEB 75 - JAN 79

POR FROM DAILY OBS: MAY 46 - MAY 52, NOV 52 - DEC 81

TIME CONVERSION GMT TO LST: -5

JUL 13 1982

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

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
724240	FORT KNOX KENTUCKY/GODMAN AAF	N 37 54	W 085 58	753	FTK	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Godman Fld, Ft Knox Ky	AAF	Apr 38	Mar 40	N 37 54	W 085 58	732	735	9
2	Same	Same	Jun 40	Jun 40	Same	Same	Same	Same	9
3	Same	Same	Aug 40	Dec 41	Same	Same	Same	Same	9
4	Same	Same	Jan 42	May 48	Same	Same	Same	Same	24
5	Godman AFB, Ft Knox KY	AFB	Jun 48	Feb 54	Same	Same	Same	Same	24
6	Same	Same	Mar 54	Mar 55	Same	Same	753	764	24
7	Godman AAF, Ft Knox KY	AAF	Apr 55	Feb 59	Same	Same	764	735	24
8	Same	Same	Mar 59	Feb 64	Same	Same	Same	753	24
9	Same	Same	Mar 64	16 Jun71	Same	Same	753	785	24
10	Same	Same	17 Jun71	Dec 74	Same	Same	Same	Same	18
11	Same	Same	Jan 75	Jan 79	Same	Same	Same	Same	24
12	Same	Same	Feb 79	Dec 80	Same	Same	Same	Same	17
13	Same	Same	Jan 81	Apr 82	Same	Same	753	735	18

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	Apr 38	Located on NW side of Hangar #1.	Anenometer	N/A	30 ft	
2	Oct 41	Same	Selsyn	ML-144	62 ft	
3	Jun 48	Not Available.	Same	Same	Same	
4	Mar 53	Located on S corner on top of Hanagar #1.	Same	Same	70 ft	
5	Mar 54	Same	Same	Same	Same	
6	Mar 64	Located 500 ft W of centerline 17/35, 1500 ft SSE of end Rnwy 17.	AN/GMQ-11	RO-2	13 ft	

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.6	.7	.2								4.0	4.5
NNE	.7	1.2	.7	.4								3.0	6.3
NE	1.1	1.4	1.0	.4								4.0	5.8
ENE	.6	1.0	1.2	.2								3.0	6.4
E	.7	2.2	1.7	.1								4.7	5.7
ESE	1.3	1.1	.4	.1								3.0	4.4
SE	.1	.9	.4									1.4	6.2
SSE	.2	.3	.6	.2								1.3	7.3
S	1.3	1.9	2.6	2.4	.3	.1						8.7	8.6
SSW	1.0	2.4	2.7	1.8	.2	.2						8.3	8.2
SW	.9	2.2	2.4	.6								6.1	6.5
WSW	.9	1.9	1.8	.3	.3							5.2	7.1
W	2.4	4.8	3.1	.8	.2							11.3	6.3
WNW	1.8	1.9	2.6	1.1								7.3	6.7
NW	2.0	1.1	2.0	.7								5.8	6.2
NNW	1.3	2.0	.3									3.7	4.2
VARBL													
CALM												19.1	
	17.9	28.0	24.1	9.4	1.1	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

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2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.1	.2	.0							4.0	5.5
NNE	.7	1.4	1.2	.5	.0	.0						3.8	6.8
NE	.8	1.4	1.1	.1								3.4	5.6
ENE	.6	1.6	1.1	.2								3.5	6.1
E	1.0	2.1	1.1	.2								4.4	5.4
ESE	1.1	1.2	.4	.1								2.8	4.5
SE	.5	.9	.2	.1								1.6	4.7
SSE	.8	.9	.7	.5	.1	.0						2.9	6.6
S	1.3	2.4	2.7	2.1	.2	.1						8.9	8.2
SSW	1.0	2.5	3.3	2.2	.3	.1	.0					9.4	8.5
SW	1.1	2.1	2.1	1.1	.1	.0						6.5	7.2
WSW	.6	1.6	1.8	1.2	.4	.1		.0				5.7	8.9
W	1.9	4.3	5.4	3.4	.5	.1	.0					15.6	8.4
WNW	1.5	2.1	2.9	1.4	.0	.0						8.0	7.2
NW	1.0	1.6	1.1	.3								4.0	5.9
NNW	.7	1.5	.8	.1								3.1	5.3
VARBL													
CALM												12.3	
	15.8	29.1	27.1	13.6	1.7	.4	.0	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7238

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

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AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.3	1.7	1.6	.1								4.7	5.4
NNE	.7	2.6	.9									4.2	5.2
NE	.8	2.9	1.3	.3								5.2	5.8
ENE	.5	1.6	2.0	.5	.1							4.7	7.5
E	1.4	2.4	2.4	.4								6.6	6.1
ESE	.7	.1										.8	2.2
SE	.1		.3									.4	6.7
SSE	.1	.4	.3	.5								1.3	9.0
S	.7	2.2	1.6	.9	.5							5.9	8.2
SSW	1.4	3.1	3.8	1.8								10.2	7.5
SW	1.6	1.8	1.8	1.3	.1							6.7	7.4
WSW	1.2	1.7	2.1	.8								5.8	6.8
W	1.3	3.8	2.5	.4	.4							8.4	6.8
WNW	2.0	1.8	2.4	1.0								7.2	6.5
NW	1.9	2.0	1.2	.1								5.1	4.9
NNW	2.4	.9	1.2		.1							4.6	4.6
VARBL													
CALM												18.2	
	18.0	29.1	25.2	8.3	1.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 763

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SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-77	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	1.0	.3								4.3	5.0
NNE	.8	2.2	.5	.3								3.8	5.5
NE	.8	1.8	2.0									4.6	6.0
ENE	.5	1.6	3.4	.7	.1							6.3	7.7
E	1.6	2.6	1.4	.3								5.9	5.4
ESE	.4		.1									.5	3.5
SE	.3	.4	.7									1.3	5.8
SSE	.4	.3	.5	.1								1.3	6.2
S	.9	1.8	1.7	.5	.1							5.1	6.9
SSW	.8	3.5	4.5	1.7	.1							10.6	7.8
SW	2.2	3.3	1.7	1.0								8.3	6.0
WSW	.5	2.0	2.4	.9	.1							5.9	7.9
W	3.9	1.7	2.0	1.0	.4							9.1	6.0
WNW	1.6	2.2	2.5	1.0								7.3	6.9
NW	.8	1.3	1.8	.7								4.6	7.0
NNW	.5	1.6	.8	.3								3.1	5.5
VARBL													
CALM												17.8	
	17.6	27.8	27.0	8.8	.9							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	.8	.2	.1							5.0	5.1
NNE	.6	2.3	1.2	.1								4.1	5.9
NE	.7	2.1	2.4									5.2	6.3
ENE	.6	2.4	2.1	.7	.1							5.9	7.3
E	1.9	3.1	2.0	.8								7.8	5.9
ESE	.5	.9		.1								1.5	4.4
SE	.4	.4	.5									1.2	5.3
SSE	.2	.8	.6	.5								2.1	7.6
S	.9	1.5	1.7	1.2								5.3	7.4
SSW	.7	1.9	2.8	3.3	.1							8.9	9.1
SW	1.7	3.0	3.2	.6	.2							8.6	6.7
WSW	.5	.9	1.4	.6	.1							3.6	8.1
W	3.7	2.6	2.1	.9	.4							9.7	6.0
WNW	2.0	1.9	1.9	.6								6.4	5.9
NW	1.2	1.2	1.3	.9								4.6	6.6
NNW	1.1	1.7	1.2	.2								4.1	5.3
VARBL													
CALM												15.8	
	18.5	28.6	25.2	10.9	1.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	1.9	.5								4.4	6.7
NNE	.8	2.0	2.2	.5								5.6	6.3
NE	.2	1.7	1.2	.2								3.3	6.7
ENE	.8	1.8	2.5	.8	.1							6.0	7.5
E	1.4	2.8	4.0	1.1								9.3	7.0
ESE	1.4	.8	.7									3.0	4.4
SE	.6	.7	.1		.1							1.5	5.0
SSE	.4	.5	.9	.1	.2							2.1	8.0
S	1.1	1.5	2.5	2.0	.7							7.8	9.0
SSW	1.2	2.7	2.7	3.8	.8							11.2	9.5
SW	.2	1.3	2.5	2.2	.2							6.5	9.8
WSW	.4	.9	2.8	2.4	.4	.1						7.0	10.1
W	.6	3.1	5.4	2.6	.9							12.6	9.0
WNW	.9	1.4	2.1	.6								5.1	7.0
NW	.7	1.8	2.2	.2								5.0	6.5
NNW	.7	1.2	1.9	.1								3.9	6.3
VARBL													
CALM												5.7	
	11.9	25.8	35.8	17.1	3.5	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 846

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SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	2.2	.4	.1							6.7	6.0
NNE	.8	1.5	1.7	.5								4.5	6.4
NE	.5	1.4	1.8	.6								4.3	7.1
ENE	.4	.9	2.1	.5								3.9	7.7
E	.5	1.9	1.5	.8								4.7	7.1
ESE	.5	1.3	.7	.1								2.6	6.0
SE	.7	.7	.2									1.7	4.3
SSE	.9	.7	.2	.4		.1						2.4	6.2
S	1.1	2.4	3.5	1.7	.7							9.3	8.9
SSW	.6	.9	2.8	4.4	1.3	.2						10.3	11.8
SW	.1	.5	2.0	3.1	.9							6.6	12.4
WSW	.6	1.4	3.3	3.7	.2							9.2	9.5
W	1.4	2.0	4.5	5.3	1.3	.2						14.8	10.2
WNW	.4	1.2	3.3	1.7								6.5	8.7
NW	.7	1.4	2.1	.6								4.8	7.0
NNW	.4	1.4	2.2									4.0	6.4
VARBL													
CALM												3.7	
	10.9	22.3	34.4	23.5	4.6	.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.0	1.1	.5	.1							7.3	5.6
NNE	.6	2.0	2.0	.1								4.7	6.2
NE	.6	1.3	1.4									3.3	6.1
ENE	.6	1.2	2.1	.7								4.6	7.4
E	.4	1.2	1.1	.1								2.7	6.0
ESE	.5	.6	.5									1.5	5.3
SE	.4	.6	.2	.1	.1							1.4	6.7
SSE	.7	.6	1.2	.7	.1							3.3	8.1
S	.5	1.5	3.1	2.0	.5							7.6	9.4
SSW	.2	1.1	2.7	3.9	.7							8.6	11.1
SW	.7	1.2	3.7	2.4	.4							8.3	9.2
WSW	1.1	1.5	2.6	2.0	.6	.1						7.9	9.5
W	.9	2.6	5.8	5.1	1.5	.1						16.1	10.4
WNW	.7	1.8	5.6	2.2								10.3	8.6
NW	.5	1.4	2.5	.4								4.7	7.2
NNW	.7	1.5	1.2									3.4	5.6
VARBL													
CALM												4.1	
	10.6	24.1	36.6	20.2	4.0	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.2	.4	.2								4.5	3.9
NNE	1.5	1.3	1.2									4.0	5.2
NE	1.5	3.1	.8	.5								5.9	5.3
ENE	.1	2.5	1.2	.6								4.4	6.6
E	.4	2.2	1.2	.4								4.1	6.2
ESE	.4	.8	.2	.2								1.7	5.7
SE	.2	1.2	.4	.1								1.9	5.5
SSE		1.3	.7	.6	.1							2.7	8.3
S	1.2	3.3	.9	.9	.4							6.7	7.0
SSW	.8	4.3	1.9	1.3								8.3	6.9
SW	1.3	1.7	1.8	.8	.5	.1						6.1	7.8
WSW	.9	.8	1.7	.9	.1							4.5	8.0
W	2.5	5.3	3.8	3.1	.4							15.0	7.4
WNW	2.5	2.1	3.0	.9	.1							8.6	6.3
NW	2.1	1.9	2.1									6.1	5.3
NNW	1.5	1.1	.2	.2								3.1	4.3
VARBL													
CALM												12.3	
	19.7	34.0	21.4	10.9	1.5	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.2	1.2	.5								4.8	5.3
NNE	1.9	2.7	.7	.1								5.4	4.6
NE	.9	2.0	1.4	.5								4.8	6.1
ENE	.9	1.7	.9	.2								3.8	5.6
E	1.2	2.7	2.2	.2								6.4	5.9
ESE	.1	.7	.7	.2								1.8	7.1
SE		.5	.2	.1								.8	7.1
SSE	.1	.5	.5	.1	.1							1.3	8.1
S	1.2	1.4	2.0	1.2		.2						6.0	8.2
SSW	1.5	2.0	3.3	1.5	.4							8.7	7.8
SW	.6	1.7	2.1	1.1	.1							5.6	8.0
WSW	1.3	1.1	1.5	1.2	.1							5.2	7.6
W	2.2	3.7	2.4	1.3	.2							9.8	6.4
WNW	3.4	1.9	3.1	1.1	.1	.1						9.7	6.7
NW	1.8	1.7	1.3	.5								5.2	5.5
NNW	2.0	1.2	.7									3.9	4.0
VARBL													
CALM												16.7	
	21.3	26.5	24.3	9.8	1.1	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (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	1.6	2.0	1.3	.3	.0							5.2	5.4
NNE	1.0	2.1	1.3	.2								4.6	5.7
NE	.8	2.0	1.5	.3								4.6	6.1
ENE	.6	1.7	2.0	.6	.1							4.9	7.2
E	1.1	2.4	2.0	.5								5.9	6.3
ESE	.5	.7	.4	.1								1.7	5.2
SE	.3	.6	.3	.0	.0							1.3	5.6
SSE	.4	.6	.6	.4	.1	.0						2.1	7.7
S	.9	2.0	2.1	1.3	.4	.0						6.8	8.3
SSW	.9	2.4	3.0	2.7	.4	.0						9.6	9.0
SW	1.0	1.8	2.4	1.6	.3	.0						7.1	8.3
WSW	.8	1.3	2.2	1.6	.2	.0						6.1	8.7
W	2.1	3.1	3.6	2.5	.7	.0						12.0	8.2
WNW	1.7	1.8	3.0	1.2	.0	.0						7.7	7.1
NW	1.2	1.6	1.8	.4								5.0	6.2
NNW	1.2	1.3	1.2	.1	.0							3.8	5.3
VARBL													
CALM												11.6	
	16.0	27.2	28.8	13.8	2.3	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6599

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-77 (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 SPEED
N	1.4	1.2	.7	.1								3.5	5.0
NNE	.5	1.0	1.9	.6	.2							4.2	7.9
NE	1.0	1.7	.8	.5								3.9	6.3
ENE	.5	2.0	1.0	.4	.2							4.1	7.0
E	2.2	2.3	1.6	.6	.2	.1						6.9	6.3
ESE	.6	1.1	.6	.5								2.7	6.6
SE		.6	.1	.2								1.0	7.9
SSE	.4	.4	.6	.2								1.6	6.8
S	1.1	1.6	2.4	1.9	.1							7.0	8.5
SSW	.8	2.3	3.7	1.8	.4	.1						9.1	8.4
SW	1.6	2.5	1.4	.8								6.3	6.3
WSW	.8	.8	1.0	.7	.2	.1						3.7	8.5
W	1.2	1.9	2.2	1.2	.1	.1						6.7	7.8
WNW	1.8	2.0	2.3	.2								6.3	5.8
NW	1.3	1.7	.5	.2								3.7	5.0
NNW	1.2	1.2	1.1									3.5	4.9
VARBL													
CALM												25.8	
	16.2	24.1	21.7	10.0	1.6	.5						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-77	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.0	.5	.1								3.5	4.2
NNE	1.2	1.6	1.4	.7	.1							5.0	6.6
NE	.7	2.0	1.4	.5								4.7	6.3
ENE	.8	1.9	1.2	.5								4.4	6.0
E	1.8	3.0	2.2	.2								7.2	5.4
ESE	.7	1.1	.6	.5	.1							3.0	6.9
SE	.5	.6	.2	.1								1.4	5.5
SSE	.1	.6										.7	4.2
S	1.3	1.3	2.6	1.4								6.7	7.6
SSW	1.7	2.6	3.0	2.5	.2	.4						10.4	8.5
SW	1.2	2.7	2.7	1.0								7.6	6.8
WSW	.6	.8	1.3	.4			.1					3.2	7.8
W	1.9	2.9	2.0	1.3	.4	.4						8.8	7.8
WNW	1.3	1.8	1.4	.8								5.4	6.6
NW	.5	1.4	1.1	.1								3.1	5.5
NNW	1.2	1.6	.5	.1								3.3	4.7
VARBL													
CALM												21.5	
	17.4	26.9	22.2	10.3	.8	.7	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	.9	.9								4.6	6.5
NNE	.9	.5	1.3	.4								3.1	6.8
NE	.9	2.3	1.2	.5								4.8	6.2
ENE	.2	1.6	2.0	1.1	.1							5.1	8.6
E	.8	3.1	2.9	.4								7.2	6.4
ESE	1.4	1.5	1.0	.2	.1							4.2	5.8
SE	.6	.9	.3	.4								2.3	6.3
SSE	.4	.2	.3	.2								1.2	6.1
S	1.2	1.9	1.8	2.0	.2							7.2	8.2
SSW	1.5	3.3	3.2	2.0	.3							10.4	7.9
SW	1.1	2.4	1.8	1.4								6.7	7.1
WSW	1.1	1.0	1.2	.6		.2						4.1	7.5
W	1.8	2.7	3.8	2.4	.4							11.1	8.0
WNW	1.4	1.2	1.6	.8		.1						5.1	6.9
NW	1.0	.8	.6	.1								2.5	5.0
NNW	1.4	1.3	.5									3.2	4.3
VARBL													
CALM												17.3	
	16.7	26.5	24.5	13.5	1.2	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	1.2	.3								3.5	6.4
NNE	.2	1.2	1.5	.6								3.5	7.8
NE	.4	.5	1.6	.3								2.9	7.5
ENE	.2	1.1	2.4	.5	.1							4.3	8.3
E	.9	3.2	2.8	.9	.3							8.1	7.2
ESE	1.0	1.4	2.4	.6								5.4	7.1
SE	.8	1.4	.8	.3								3.2	5.7
SSE	1.0	.3	1.4	.8	.1	.1						3.7	8.0
S	.5	1.8	3.3	2.2	.6	.1						8.6	9.4
SSW	.5	1.2	4.0	4.3	.5	.2						10.8	10.7
SW	.3	1.2	2.5	3.3	.3							7.6	10.3
WSW	.4	1.0	3.0	2.7	.5							7.6	10.3
W	1.0	1.5	4.5	4.8	.9	.2						12.9	10.5
WNW	.4	2.0	3.4	1.5								7.4	8.3
NW	.8	1.6	1.6	.1								4.1	6.1
NNW	.4	1.0	1.2	.2								2.8	6.6
VARBL													
CALM												3.5	
	9.4	21.9	37.5	23.5	3.4	.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-78		MAR
STATION	STATION NAME	YEARS		MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.3	.5								4.1	6.7
NNE	.6	.9	1.5	.9								3.9	7.5
NE	.3	.8	1.1	.4								2.6	7.5
ENE		1.5	1.6	.9	.2							4.2	8.8
E	1.0	1.5	1.3	1.0	.1							4.8	7.3
ESE	.8	1.5	1.4	.4								4.1	6.3
SE	.4	.6	1.2	1.0								3.2	8.3
SSE	.8	.6	1.0	.6								3.0	7.3
S	.2	1.4	3.2	2.9	1.0	.1						8.8	11.0
SSW	.1	1.3	2.5	3.8	.9	.3						8.8	11.5
SW	.5	.5	2.0	4.0	1.1	.3						8.5	11.8
WSW	.3	1.0	3.9	3.5	.9	.3						9.9	11.1
W	1.0	1.7	4.8	7.6	1.2							16.3	10.9
WNW	.2	1.6	4.0	2.7	.4							8.9	9.6
NW	.2	.6	1.7	.6								3.2	8.7
NNW	.1	1.5	1.4	.2								3.2	6.8
VARBL													
CALM												2.4	
	7.2	18.7	33.9	31.1	5.7	1.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.1	1.9	1.7	.2								4.9	5.9
NNE	.3	1.3	1.6	.5	.4							4.2	8.6
NE	.2	.6	1.2	.8	.1							2.9	8.4
ENE	.5	.9	1.4	.6	.1							3.5	8.0
E	.5	.9	2.6	1.4								5.4	8.2
ESE	.8	.6	1.8	.4								3.7	7.2
SE	.1	.4	.8	.3								1.6	8.7
SSE	.3	1.0	.6	.6	.1							2.7	7.9
S	.5	1.5	4.0	3.9	.5							10.4	10.0
SSW	.2	.8	2.4	4.6	1.2	.1						9.2	12.1
SW	.3	.6	1.5	2.4	.8		.1					5.7	11.4
WSW	.2	1.6	2.5	2.8	.5	.2	.1					8.0	10.8
W	.5	1.9	6.2	6.6	1.2	.3						16.8	10.9
WNW	.5	2.6	4.2	2.8								10.1	8.7
NW	.3	1.7	2.0	.4								4.5	7.3
NNW	.3	1.7	1.7	.1								3.9	6.4
VARBL													
CALM												2.5	
	6.9	20.1	36.2	28.5	4.9	.6	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72424	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR
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	1.4	2.3	1.1	.4								5.2	5.5
NNE	1.1	1.4	1.1	.6	.1							4.3	6.8
NE	.1	1.5	1.3	.8								3.7	7.8
ENE	.3	1.7	1.0	1.1								4.1	7.7
E	.8	2.7	2.0	.8								6.2	6.7
ESE	.4	1.3	1.1									2.8	5.8
SE	.2	1.1	.5	.6	.1							2.6	8.3
SSE	.8	.9	1.0	.2	.1							2.9	6.6
S	2.2	3.1	2.9	1.9	.1							10.2	6.9
SSW	1.4	2.0	2.4	1.8	.1							7.7	7.8
SW	.2	.9	.6	.8	.2							2.7	8.8
WSW	.3	1.4	1.1	.8	.3							3.9	8.6
W	1.7	4.9	4.7	1.5	.1	.1						13.1	7.2
WNW	2.7	3.1	2.7	.9	.1							9.5	6.4
NW	2.0	1.5	1.2	.1								4.8	4.8
NNW	1.1	1.8	1.0	.2								4.1	5.2
VARBL													
CALM												12.3	
	16.7	31.6	25.6	12.5	1.3	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.8	1.8	1.4	.3								5.4	5.3
NNE	.6	1.2	1.5	.4	.2							4.0	7.6
NE	.6	1.5	1.0	.8	.2							4.1	7.7
ENE	.9	1.3	1.6	.6	.1							4.5	7.3
E	1.2	4.1	2.0	.2	.3							7.8	6.1
ESE	.1	.8	1.2	.4								2.5	7.7
SE	.5	1.4	.3	.2								2.5	5.3
SSE	.2	.6	.5	.5	.2							2.2	8.9
S	1.1	2.4	2.4	2.5	.2							8.5	8.2
SSW	.8	2.4	3.1	1.4	.1							7.7	7.9
SW	.6	1.6	.6	.5								3.4	6.3
WSW	.5	1.5	1.3	.6	.1							4.1	7.4
W	1.8	2.6	1.7	1.1	.1	.1						7.4	6.9
WNW	2.0	2.8	1.6	.5	.1							7.1	5.7
NW	1.6	1.9	1.0	.2								4.7	4.8
NNW	1.8	1.2	.9									3.9	4.3
VARBL													
CALM												20.2	
	16.3	29.0	22.2	10.4	1.7	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR
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	1.2	1.7	1.1	.4								4.4	5.7
NNE	.7	1.1	1.5	.6	.1							4.0	7.4
NE	.5	1.4	1.2	.6	.0							3.7	7.1
ENE	.4	1.5	1.5	.7	.1							4.3	7.7
E	1.1	2.6	2.2	.7	.1	.0						6.7	6.6
ESE	.7	1.2	1.3	.4	.0							3.6	6.6
SE	.4	.9	.5	.4	.0							2.2	7.0
SSE	.5	.6	.7	.4	.1	.0						2.3	7.4
S	1.0	1.9	2.8	2.4	.4	.0						8.5	8.8
SSW	.9	2.0	3.0	2.8	.5	.1						9.3	9.4
SW	.7	1.5	1.7	1.8	.3	.0	.0					6.1	8.9
WSW	.5	1.1	1.9	1.5	.3	.1	.0					5.6	9.6
W	1.4	2.5	3.8	3.4	.6	.2						11.7	9.2
WNW	1.3	2.2	2.7	1.3	.1	.0						7.5	7.4
NW	1.0	1.4	1.2	.2								3.8	5.9
NNW	.9	1.4	1.0	.1								3.5	5.4
VARBL													
CALM												12.9	
	13.3	24.8	28.1	17.7	2.6	.5	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7254

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-77	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.0	1.4	.2								4.6	5.3
NNE	1.0	2.8	1.2	.2								5.3	5.7
NE	.5	2.8	2.2	.1								5.7	6.2
ENE	1.1	1.7	2.2	.1								5.2	5.8
E	2.1	3.6	3.0	.5								9.1	5.7
ESE	.7	1.6	.2	.1								2.7	4.7
SE	.4	.9	.2									1.5	5.1
SSE	.6	1.1	1.6	.6								4.0	7.3
S	2.2	2.0	2.6	1.2								8.0	6.6
SSW	.9	2.8	1.7	1.5	.2							7.2	7.7
SW	.9	2.0	2.5	.9	.1							6.3	7.2
WSW	1.6	1.4	.7	.4	.1							4.2	5.6
W	1.7	.9	2.1	1.2	.1	.1						6.2	7.5
WNW	.5	1.2	1.4	.4	.1							3.6	7.3
NW	1.6	.9	.9	.2								3.6	4.9
NNW	.9	1.2	.6									2.7	4.8
VARBL													
CALM												20.2	
	18.6	27.9	24.6	7.8	.7	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

82978

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.5	1.8	.7	.1								4.2	4.6
NNE	.9	2.6	1.1	.2								4.8	5.7
NE	.9	3.5	1.8	.1								6.3	5.7
ENE	.9	2.0	3.6	.2								6.7	6.8
E	1.4	2.5	3.1	.5								7.4	6.4
ESE	1.0	.9	.4									2.2	4.0
SE	.6	.4	.1									1.1	3.9
SSE	.4	1.1	1.8	.1								3.5	6.6
S	1.1	2.2	3.1	1.1								7.5	7.1
SSW	1.2	2.8	3.9	1.6	.1							9.7	7.7
SW	1.2	2.6	1.1	.7		.1						5.8	6.4
WSW	.7	1.8	1.4	.4	.1	.1						4.6	6.9
W	.9	1.7	1.5	.6	.2							4.9	7.3
WNW	1.4	1.0	1.0	.5								3.8	5.9
NW	1.2	.6	.6									2.5	4.5
NNW	1.1	1.5	.7									3.3	4.9
VARBL													
CALM												21.7	
	16.3	29.0	26.0	6.3	.5	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	.8	.1								3.9	4.9
NNE	.8	2.1	2.1	.6								5.6	6.9
NE	1.3	2.0	2.3	.2								5.9	5.8
ENE	.7	2.4	2.8	.9								6.8	7.1
E	2.0	3.8	4.4	1.2	.1	.1						11.7	6.9
ESE	1.0	.6	.4	.2	.1							2.3	5.8
SE	.3	.7		.1								1.1	4.8
SSE	.7	.9	1.3	.2								3.1	6.5
S	1.2	1.9	2.9	2.9								8.9	8.3
SSW	1.4	1.9	3.6	2.4	.1							9.4	8.1
SW	1.6	2.0	2.1	1.4	.1							7.2	7.3
WSW	.8	.7	2.4	1.4	.1							5.4	8.7
W	.4	2.1	2.4	1.1	.1	.1	.1					6.4	8.7
WNW	.2	1.2	1.3	.8	.1							3.7	8.2
NW	.8	.9	1.0	.1								2.8	5.3
NNW	.3	1.6	1.3									3.2	5.6
VARBL													
CALM												12.6	
	14.9	26.3	31.3	13.8	.8	.2	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240	FT KNOX/GOODMAN AAF KY	65-70,75-78	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.0	1.3	1.1								4.7	7.6
NNE	.6	2.2	2.2	.6								5.6	6.9
NE	.2	1.3	1.3	1.1								4.0	8.3
ENE	.8	2.0	2.6	.7								6.0	7.0
E	1.2	2.4	4.4	1.0								9.1	7.1
ESE	.8	1.8	2.2	.7	.1							5.6	7.0
SE	.3	.9	1.1	.4	.1							2.9	7.9
SSE	1.0	1.0	1.4	1.1	.2							4.8	7.7
S	.7	1.4	4.0	2.6	.2							8.9	9.2
SSW	.4	1.7	3.8	4.4	.9							11.2	10.6
SW	.4	.8	2.1	3.2	.6							7.1	10.9
WSW	.3	1.1	2.0	3.4	1.0							7.9	11.1
W	.1	1.0	3.9	2.9	.8	.3	.1					9.1	11.5
WNW	.1	1.8	1.9	1.2	.2							5.2	8.8
NW	.2	.9	.7	.2								2.0	7.0
NNW	.2	1.7	1.1	.1								3.1	6.3
VARBL													
CALM												2.9	
	7.7	24.0	36.1	24.8	4.1	.3	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	.8	2.7	2.7	.8								6.9	6.5
NNE	.4	2.0	1.7	.6								4.7	6.9
NE	.4	1.0	1.2	.2								2.9	6.7
ENE	.4	1.2	2.0	.4								4.1	7.4
E	.7	2.1	3.7	.6								7.0	7.2
ESE	.8	.8	1.1	.3								3.0	6.6
SE	.4	.9	.9	.3								2.6	6.8
SSE	1.8	1.3	1.7	1.1	.2							6.1	7.2
S	.7	1.6	3.0	4.6	.3	.1						10.2	10.3
SSW	.1	.8	2.9	4.9	1.0	.1						9.8	11.9
SW	.3	.7	2.2	3.3	.9	.3						7.8	12.4
WSW	.2	.8	2.0	3.6	.7	.1						7.3	11.5
W	.1	1.6	4.2	4.6	1.4							11.9	11.7
WNW	.6	2.2	2.4	1.8	.3	.3						7.7	9.3
NW	.2	1.1	1.4	.3								3.1	7.5
NNW	.2	1.2	.9	.1								2.4	6.2
VARBL													
CALM												2.6	
	8.2	21.9	34.0	27.4	4.9	1.0						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (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	.9	2.3	2.4	.4	.1							6.2	6.7
NNE		2.2	1.7	.6								4.4	6.9
NE	.6	.9	2.0	.2								3.7	7.0
ENE	.8	1.7	2.0	.4								4.9	6.7
E	.6	1.6	3.3	.1								5.6	7.0
ESE	.2	1.6	.8	.3								2.9	6.2
SE	.3	.6	.7	.1								1.7	6.1
SSE	.1	1.1	1.4	.9	.2							3.8	8.9
S	.6	1.9	3.4	4.6	1.1							11.6	10.7
SSW	.4	1.0	3.4	4.1	.6							9.6	10.6
SW	.3	.9	1.3	2.8	.4							5.8	10.6
WSW	.7	2.0	3.1	3.3	.3	.3						9.8	10.1
W	.3	2.8	4.7	4.0	1.6	.2						13.6	10.6
WNW	.4	1.1	3.3	2.3	.2							7.4	9.4
NW		1.4	1.2	.3	.1							3.1	7.8
NNW	.6	1.9	1.0	.1	.1							3.7	6.2
VARBL													
CALM												2.4	
	6.8	24.9	35.9	24.7	4.8	.6						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	.7									4.7	4.4
NNE	1.3	2.4	1.9	.4								6.1	6.1
NE	1.4	1.8	.7	.6								4.4	5.8
ENE	1.0	2.6	1.7	.3								5.6	5.7
E	1.2	2.4	2.1	.6								6.3	6.3
ESE	.3	1.4	.9									2.7	5.7
SE	.2	1.0	1.4	.2	.1							3.0	7.4
SSE	.6	.4	1.3	.2		.1						2.7	8.0
S	1.8	3.8	2.8	2.8	.6							11.7	7.9
SSW	1.3	2.7	2.4	1.8	.3							8.6	7.7
SW	.8	1.6	1.8	.6								4.7	6.8
WSW	.3	.9	2.0	1.6								4.8	8.7
W	1.4	3.2	3.0	1.6	.3							9.6	7.5
WNW	1.3	1.6	1.2	.4								4.6	6.0
NW	1.9	1.4	.8	.3								4.4	4.9
NNW	1.7	1.3	.7	.1								3.8	4.4
VARBL													
CALM												12.6	
	18.3	30.9	25.3	11.4	1.3	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.1	1.0	.3								4.0	5.3
NNE	1.2	3.9	1.6	.2								6.9	5.5
NE	.8	2.6	1.2	.1								4.7	5.3
ENE	1.0	3.1	2.0	.3								6.5	6.2
E	1.0	2.7	2.0	.4								6.1	5.9
ESE	.6	1.1	1.0	.2								2.9	6.1
SE	.3	.3	1.1									1.8	6.4
SSE	.9	.1	1.2	.6		.1						2.9	8.2
S	1.9	2.2	1.7	1.3	.4	.1						7.7	7.6
SSW	1.7	1.6	2.4	1.1	.2	.2						7.2	7.9
SW	1.3	1.7	1.1	.9		.1						5.1	6.7
WSW	1.2	1.0	1.0	.7	.1							4.0	6.8
W	1.8	.9	1.8	.9	.2							5.6	7.1
WNW	1.7	.7	1.1	.8								4.2	6.8
NW	1.1	.9	.6	.2								2.8	5.4
NNW	1.7	1.2	.4	.1								3.4	4.2
VARBL													
CALM												24.2	
	19.7	25.0	21.2	8.2	1.0	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.2	1.9	1.4	.4	.0							4.9	5.8
NNE	.8	2.5	1.7	.4								5.4	6.3
NE	.8	2.0	1.6	.3								4.7	6.2
ENE	.8	2.1	2.3	.4								5.7	6.6
E	1.3	2.6	3.3	.6	.0	.0						7.8	6.6
ESE	.7	1.2	.9	.2	.0							3.0	6.0
SE	.4	.7	.7	.2	.0							2.0	6.5
SSE	.8	.9	1.5	.6	.1	.0						3.8	7.5
S	1.3	2.1	2.9	2.7	.3	.0						9.3	8.6
SSW	.9	1.9	3.0	2.8	.4	.0						9.1	9.2
SW	.9	1.5	1.8	1.8	.3	.1						6.2	8.8
WSW	.7	1.2	1.9	1.9	.3	.1						6.0	9.3
W	.8	1.8	3.0	2.1	.6	.1	.0					8.5	9.5
WNW	.8	1.4	1.7	1.0	.1	.0						5.1	8.1
NW	.9	1.0	.9	.2	.0							3.0	5.9
NNW	.8	1.5	.9	.1	.0							3.2	5.3
VARBL													
CALM												12.2	
	13.7	26.2	29.4	15.8	2.3	.4	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7020

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-77	MAY
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	.1	.4								4.4	4.6
NNE	1.4	2.4	1.2	.7								5.8	5.6
NE	1.1	1.2	.8									3.1	5.0
ENE	1.4	2.0	1.0									4.4	4.8
E	1.8	2.8	.7	.1								5.4	4.6
ESE	1.0	.5	.2	.2								1.9	4.6
SE	.5	.6	.2									1.3	4.5
SSE	.7	.6	.4	.1								1.8	4.9
S	1.3	1.7	1.4	.5								4.9	6.1
SSW	1.7	2.5	2.5	.5	.2							7.4	6.4
SW	2.8	2.9	2.2	.6								8.4	5.4
WSW	1.4	1.4	1.0	.4								4.2	5.2
W	2.5	1.0	.1									3.6	3.1
WNW	.5	.5	.2	.2								1.4	6.1
NW	.7	.7										1.4	3.1
NNW	1.2	1.1	.1									2.4	3.9
VARBL													
CALM												37.9	
	21.7	24.1	12.2	3.7	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 833

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.4	.1	.1								4.0	3.7
NNE	1.5	2.0	1.6	.2								5.3	5.3
NE	.7	1.8	1.5	.1								4.2	5.9
ENE	1.5	2.9	.9	.1								5.4	4.7
E	1.0	2.7	1.4									5.1	5.2
ESE	1.2	.7	.1	.1								2.1	3.8
SE	.5	.3	.2	.1								1.2	5.2
SSE	.3	.3	.2									.9	4.9
S	.8	2.0	1.6	.7								5.1	6.8
SSW	1.3	2.9	1.8	.5	.2							6.7	6.3
SW	2.5	2.9	1.5	.6								7.5	5.3
WSW	2.1	1.3	.2	.2								3.8	3.9
W	3.4	1.6	.1	.2	.2	.1						5.7	4.6
WNW	1.0	.6	.2									1.8	3.6
NW	1.2	.5	.3									2.0	3.9
NNW	.6	1.4										2.0	4.2
VARBL													
CALM												37.2	
	22.0	25.2	12.0	3.0	.5	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 865

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	.5	.3								3.1	5.3
NNE	1.4	1.8	1.8	.2								5.3	5.5
NE	1.1	2.3	.9									4.2	4.9
ENE	1.0	3.0	2.0	.8								6.8	6.4
E	2.2	3.2	2.5	.4								8.3	5.6
ESE	1.8	1.8	.6	.1								4.4	4.3
SE	.6	.4	.3									1.4	4.5
SSE	.9	.5	.5									1.9	4.5
S	1.5	1.8	1.8	.3	.1							5.6	6.0
SSW	2.3	3.7	3.5	1.7	.1							11.2	6.7
SW	2.5	3.7	2.7	1.2								10.0	6.2
WSW	.9	2.0	1.5	.8								5.2	6.7
W	1.7	4.5	1.7	.6								8.6	5.6
WNW	1.0	1.8	.5	.5								3.9	5.8
NW	.4	.3	.3									1.1	4.5
NNW	.6	.9	.2									1.7	4.5
VARBL													
CALM												17.2	
	20.8	33.2	21.6	7.0	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0900-110 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	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	1.1									4.0	5.
NNE	.4	2.6	1.4	.4								4.9	6.
NE	.3	1.7	1.5	.3								3.9	6.
ENE	1.3	1.3	1.8	.3								4.7	6.
E	1.3	3.8	2.5	.4								8.0	6.
ESE	.9	2.2	1.1	.2								4.3	5.
SE	.5	.5	.9									1.9	5.
SSE	.9	1.3	.9	.1								3.1	5.
S	.8	2.6	3.5	.5								7.3	6.
SSW	.5	2.5	4.4	2.6	.3							10.4	9.
SW	.9	2.7	2.9	2.7	.5							9.7	8.
WSW	.9	3.1	4.3	2.7	.1	.1						11.2	8.
W	1.0	3.3	4.9	1.8	.3							11.3	7.
WNW	1.1	1.7	1.6	.9								5.3	7.
NW	1.2	.8	.3									2.3	4.
NNW	.4	1.7	.5									2.7	5.
VARBL													
CALM												5.0	
	13.3	33.8	33.5	13.1	1.3	.1						100.0	6.

TOTAL NUMBER OF OBSERVATIONS 92

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-140 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	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	1.6	.2								4.6	6.
NNE	.5	1.9	1.0	.6								4.1	6.
NE	.2	.6	1.0	.2								2.0	7.
ENE	1.0	1.5	2.7	.5								5.7	6.
E	.8	2.4	2.5	.4								6.0	6.
ESE	.8	1.5	.8	.3								3.3	6.
SE	.1	.6	.5	.1								1.4	7.
SSE	.4	1.7	.9	.2	.1							3.3	6.
S	1.6	2.3	4.0	1.2	.1							9.2	7.
SSW	.9	2.4	4.5	2.5	.9	.1						11.2	9
SW	.4	1.9	4.2	3.1	.5							10.2	9
WSW	.3	1.8	5.0	2.6	.3							10.0	9
W	1.1	2.5	4.4	3.5	.5	.1						12.1	9
WNW	.6	2.4	2.4	.8	.1							6.3	7
NW	.5	1.4	1.0	.1								3.0	6
NNW	.6	1.7	1.1	.1								3.6	5
VARBL													
CALM												3.8	
	11.1	28.4	37.4	16.5	2.6	.2						100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72424D (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

1500-1701 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	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	1.4	.3								4.6	6.
NNE	.9	1.6	1.9	.1								4.5	6.
NE	.5	1.0	1.4	.1								3.0	6.
ENE	.5	1.5	1.9	.6								4.6	7.
E	1.0	2.9	1.5	.2								5.6	6.
ESE	.4	1.0	1.3	.8								3.5	7.
SE	.3	1.2	.4	.2								2.2	6.
SSE	.4	.5	.6	.4								2.0	7.
S	.5	2.3	4.2	1.2								8.2	7.
SSW	1.3	2.3	4.0	2.6	.1							10.2	8.
SW	.6	2.7	4.2	2.4	.4							10.4	8.
WSW	1.0	2.3	3.7	1.9	.1							9.0	8.
W	1.4	4.2	5.0	3.5	.4							14.5	8.
WNW	.9	1.6	2.7	.9	.1		.2					6.4	8.
NW	.8	1.6	1.6	.1								4.1	5.
NNW	1.6	2.4	.5	.1	.1							4.7	5.
VARBL													
CALM												2.5	
	13.4	30.7	36.5	15.4	1.3		.2					100.0	7.

TOTAL NUMBER OF OBSERVATIONS 92

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.6	.4	.1								4.9	3
NNE	1.3	1.4	1.4	.1								4.2	5
NE	1.6	2.0	1.2	.1								5.0	5
ENE	1.1	2.6	1.1									4.7	5
E	1.9	2.2	.9									5.0	4
ESE	.9	1.8	.8									3.5	5
SE	.8	1.3	.2	.1								2.4	4
SSE	.4	1.1	.9	.3								2.7	6
S	2.5	2.9	1.9	.3	.1							7.8	5
SSW	1.4	3.6	2.5	.1								7.6	5
SW	1.9	3.1	1.8	.1								7.0	5
WSW	1.4	2.0	1.1	.2								4.7	5
W	.8	2.2	1.9	1.0								5.8	7
WNW	2.0	1.6	1.1	.3								5.1	5
NW	2.2	1.8	.6	.1								4.7	4
NNW	2.2	.9	.4									3.5	3
VARBL													
CALM												21.6	
	25.0	32.1	18.2	2.9	.1							100.0	4

TOTAL NUMBER OF OBSERVATIONS 9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.6	.4									4.8	3.
NNE	2.1	1.6	.6	.3								4.6	4.
NE	.8	1.9	.8	.1								3.6	5.
ENE	.2	1.1	1.0	.1								2.5	6.
E	1.3	2.7	1.2	.6								5.8	5.
ESE	1.0	1.1	.4									2.6	4.
SE	.9	1.6	.2									2.7	4.
SSE	.1	1.3	.7	.1								2.2	6.
S	1.3	3.6	1.8	.3								7.0	5.
SSW	1.9	3.0	1.1	.2								6.2	5.
SW	3.0	1.6	1.2	.1								5.9	4.
WSW	2.0	.7	.4	.1								3.2	3.
W	2.8	.7	.6	.4								4.5	4.
WNW	1.3	1.0	.3									2.7	3.
NW	1.7	.8	.1									2.6	3.
NNW	1.4	.6	.4									2.5	3.
VARBL													
CALM												36.8	
	24.7	24.6	11.4	2.5								100.0	3.

TOTAL NUMBER OF OBSERVATIONS 8

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.7	1.7	.7	.2								4.3	4.
NNE	1.2	1.9	1.4	.3								4.8	5.
NE	.8	1.6	1.1	.1								3.6	5.
ENE	1.0	2.0	1.6	.3								4.9	6.
E	1.4	2.8	1.7	.3								6.2	5.
ESE	1.0	1.3	.7	.2								3.2	5.
SE	.5	.8	.4	.1								1.8	5.
SSE	.5	.9	.6	.2	.0							2.3	5.
S	1.3	2.4	2.6	.6	.0							6.9	6.
SSW	1.4	2.8	3.1	1.4	.2	.0						8.9	7.
SW	1.8	2.7	2.6	1.4	.2							8.7	7.
WSW	1.2	1.9	2.2	1.1	.1	.0						6.5	7.
W	1.8	2.5	2.4	1.4	.2	.0						8.4	7.
WNW	1.1	1.4	1.2	.5	.0		.0					4.2	6.
NW	1.1	1.0	.6	.0								2.7	4.
NNW	1.1	1.3	.4	.0	.0							2.9	4.
VARBL													
CALM												19.8	
	18.9	29.1	23.1	8.1	.8	.1	.0					100.0	5.

TOTAL NUMBER OF OBSERVATIONS 72

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	2.3	1.0				.1						3.4	3.6
NNE	2.2	2.3	.6	.2								5.3	4.2
NE	1.2	1.3	.7	.1								3.3	4.8
ENE	1.1	1.6	.4	.1								3.2	5.0
E	1.3	1.7	.3	.1								3.4	4.3
ESE	.9	.9	.1									1.9	3.5
SE	.3	.4										.8	3.4
SSE	.6	.7	.2	.1								1.6	4.7
S	.7	1.9	1.3	.1								4.0	5.8
SSW	3.4	3.8	1.9	.3								9.4	4.8
SW	4.6	3.9	1.1									9.6	3.9
WSW	1.4	1.4	.8	.1								3.8	4.8
W	2.0	.9	.1									3.0	3.3
WNW	1.1	.7	.1									1.9	3.4
NW	.2	.6	.2									1.0	4.7
NNW	.9	.4	.1									1.4	3.6
VARBL													
CALM												42.9	
	24.3	23.4	8.0	1.2		.1						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.3	.2	.1								4.2	3.6
NNE	1.7	2.0	.4	.1								4.2	4.2
NE	.4	2.2	.7	.1								3.4	5.3
ENE	1.2	2.0	.7	.2								4.1	4.9
E	1.2	1.2	.6									3.0	4.1
ESE	.7	.4										1.1	3.4
SE	.8	.2	.1									1.1	3.2
SSE	.8	.8	.2									1.8	3.7
S	2.1	2.7	.6	.4								5.8	4.7
SSW	2.4	4.8	1.9	.3								9.4	5.2
SW	3.0	2.9	1.2	.3								7.4	4.6
WSW	1.6	1.6	.6	.1								3.8	4.4
W	2.0	1.0	.3	.2								3.6	4.2
WNW	.9	.4										1.3	3.1
NW	.6	.3										.9	3.4
NNW	1.0	.6	.1	.1								1.8	3.6
VARBL													
CALM												43.0	
	22.9	24.4	7.6	2.1								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.3	.9	.3									2.6	4.2
NNE	1.3	2.4	.9	.2								4.9	5.2
NE	1.2	2.3	1.1	.3								5.0	5.5
ENE	1.1	2.8	1.1	.3								5.3	5.3
E	1.4	2.1	1.1									4.7	4.8
ESE	.9	.7	.3									1.9	4.1
SE	.6	.7										1.2	3.4
SSE	.6	1.0	.2									1.8	4.2
S	3.0	4.0	2.1	.6								9.7	5.3
SSW	2.3	5.9	5.4	.8								14.4	6.3
SW	3.8	4.9	2.7	.7								12.0	5.3
WSW	1.8	2.1	2.1	.3								6.3	5.6
W	1.3	2.3	1.2	.1								5.0	5.5
WNW	.9	.8										1.7	3.7
NW	.7	.7	.1									1.4	4.0
NNW	1.0	.7	.2									1.9	3.9
VARBL													
CALM												20.2	
	23.2	34.2	19.0	3.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.0	.1								5.2	5.7
NNE	1.1	1.8	1.2	.2	.1							4.4	5.8
NE	.9	2.1	1.3	.4								4.8	6.3
ENE	.7	1.9	1.8	.3								4.7	6.6
E	1.6	3.4	.9	.2								6.1	4.9
ESE	1.3	1.8	.8	.1								4.0	4.9
SE	.7	.4	.2									1.3	3.9
SSE	1.7	.8	.2									2.7	3.5
S	1.6	3.2	1.6	1.0								7.3	6.0
SSW	2.0	2.9	5.4	4.0								14.3	8.1
SW	1.0	3.7	5.8	2.2	.2							12.9	8.0
WSW	1.2	3.4	4.7	1.0	.1							10.4	7.2
W	1.3	4.2	3.2	.9	.1							9.8	6.5
WNW	.8	1.2	.8	.2								3.0	6.2
NW	.9	1.0										1.9	3.7
NNW	1.0	1.1	.3									2.4	4.1
VARBL													
CALM												4.7	
	19.1	34.7	30.2	10.8	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.0	1.6	.2								5.6	5.1
NNE	.8	1.4	2.1	.2								4.6	6.4
NE	1.1	2.4	1.8	.1								5.4	5.6
ENE	.7	1.1	1.3	.4								3.6	6.8
E	1.1	2.2	1.2	.4								5.0	6.0
ESE	1.0	1.2	.3									2.6	4.0
SE	1.4	.7	.2									2.3	3.6
SSE	.4	1.3	.6	.1								2.4	5.3
S	1.0	1.9	2.4	.9								6.2	7.1
SSW	1.1	4.8	4.2	3.6	.1							13.8	8.2
SW	.7	2.9	6.0	2.4	.7							12.7	8.7
WSW	1.1	2.7	4.2	1.8	.4							10.2	8.2
W	2.2	2.8	4.0	1.6	.2							10.8	7.1
WNW	1.2	2.3	1.1	.2								4.9	5.2
NW	.9	2.2	.6	.1								3.8	5.1
NNW	1.1	1.9	.4									3.4	4.1
VARBL													
CALM												2.8	
	17.7	33.9	32.1	12.1	1.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	1.7	.2								6.6	5.0
NNE	1.0	3.1	1.8	.1								6.0	5.8
NE	1.1	1.7	1.2	.1								4.1	5.4
ENE	.8	2.0	1.6	.6								4.9	6.5
E	.7	2.1	1.6	.2								4.6	6.0
ESE	.4	.8	.6	.2								2.0	5.7
SE	.1	.7	.3									1.1	5.9
SSE	.9	1.2	.6	.2								2.9	5.1
S	1.4	2.0	4.4	1.1	.1							9.1	7.5
SSW	1.7	3.0	5.8	1.6								12.0	7.4
SW	1.3	2.9	6.0	1.1	.2							11.6	7.5
WSW	1.1	3.0	2.2	1.8	.1							8.2	7.4
W	1.9	3.8	3.0	1.4								10.1	6.6
WNW	1.0	1.8	.8	.7								4.2	6.1
NW	1.7	1.4	.4	.3								3.9	4.7
NNW	1.9	2.0	.6	.2								4.7	4.5
VARBL													
CALM												4.1	
	19.3	33.8	32.4	9.9	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 901

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	2.6	1.6	.6									4.7	3.6
NNE	1.8	1.3	.3	.1								3.6	4.2
NE	1.3	2.8	.6									4.7	4.5
ENE	1.0	1.8	.7	.1								3.6	4.9
E	1.4	3.1	.8	.1								5.4	4.6
ESE	.6	1.9	.4									2.9	4.7
SE	.3	.7	.2									1.2	4.8
SSE	.7	1.4	.4									2.6	4.4
S	2.9	4.3	3.3	.2								10.8	5.4
SSW	2.7	4.3	2.4	.4								9.9	5.3
SW	3.3	4.6	1.1	.2	.1							9.3	4.7
WSW	.9	1.8	1.0	.2								3.9	5.7
W	1.2	2.1	.9	.2								4.4	5.2
WNW	.8	.9	1.0	.2								2.9	6.2
NW	2.7	.4		.1								3.2	2.7
NNW	2.9	1.1	.1									4.1	3.6
VARBL													
CALM												22.9	
	27.0	34.1	13.9	2.0	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 901

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72424	FT KNOX/GODMAN AAF KY	65-70,75-78	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	1.2	.3									5.3	3.0
NNE	2.3	1.7										4.0	3.2
NE	.8	1.9	.3	.1	.1							3.2	5.3
ENE	1.2	.9	.4									2.6	4.1
E	1.6	2.2	.3									4.1	4.0
ESE	1.0	.7	.1									1.8	3.5
SE	1.4	.7	.1									2.2	3.4
SSE	.9	1.0	.2									2.1	3.9
S	2.2	3.6	1.3	.2								7.3	4.9
SSW	2.6	3.8	1.0									7.3	4.4
SW	2.9	3.9	1.2									8.0	4.4
WSW	1.1	1.0	.3	.1								2.6	4.7
W	1.1	.6	.4									2.1	4.8
WNW	.7	.3	.3	.1								1.4	4.8
NW	.6	.4	.6									1.6	5.1
NNW	1.2	.2										1.4	2.1
VARBL													
CALM												42.9	
	25.3	24.0	7.1	.6	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	%	MEA WIN SPE
N	2.3	1.5	.8	.1		.0						4.7	4
NNE	1.5	2.0	.9	.2	.0							4.6	4
NE	1.0	2.1	1.0	.2	.0							4.2	5
ENE	1.0	1.7	1.0	.3								4.0	5
E	1.3	2.3	.8	.1								4.5	4
ESE	.8	1.0	.3	.0								2.3	4
SE	.7	.6	.2									1.4	3
SSE	.8	1.0	.3	.1								2.2	4
S	1.9	2.9	2.1	.6	.0							7.5	5
SSW	2.3	4.2	3.5	1.4	.0							11.3	6
SW	2.6	3.7	3.1	.9	.2							10.4	6
WSW	1.3	2.1	2.0	.7	.1							6.2	6
W	1.6	2.2	1.7	.6	.0							6.1	6
WNW	.9	1.1	.5	.2								2.7	
NW	1.0	.9	.2	.1								2.2	
NNW	1.4	1.0	.2	.0								2.7	
VARBL													
CALM												22.9	
	22.4	30.3	18.8	5.2	.3	.0						100.0	

TOTAL NUMBER OF OBSERVATIONS 7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0000-02 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.6	.4									5.7	
NNE	2.3	1.6	.4	.1								4.4	
NE	1.1	1.0	.5									2.6	
ENE	1.1	.6	.5									2.3	
E	1.5	1.3										2.8	
ESE	1.0	.4	.2									1.6	
SE	.4	.2		.1								.8	
SSE	.5	.1	.1									.8	
S	1.8	1.4	.6									3.9	
SSW	2.2	2.4	.5									5.1	
SW	3.5	3.2	.3	.1								7.2	
WSW	2.4	1.6	.4									4.4	
W	1.9	.8	.4									3.1	
WNW	1.3	.4	.2									1.9	
NW	.5	.4	.1									1.1	
NNW	.3	.2										.5	
VARBL													
CALM												51.9	
	24.5	18.3	4.9	.3								100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0300-0 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME WI SPI
N	2.8	1.0	.2	.1								4.1	
NNE	2.3	3.0	.9									6.1	
NE	1.7	.8	.8									3.2	
ENE	.4	.6	.3									1.4	
E	.5	.8	.2	.1								1.6	
ESE	.2	.4										.6	
SE	.2	.1										.3	
SSE	.6											.6	
S	1.1	.9	.4									2.4	
SSW	1.8	2.0	.9									4.7	
SW	3.9	3.2	1.0	.1								8.2	
WSW	2.2	1.9	.4									4.5	
W	1.7	1.3	1.0									4.0	
WNW	2.0	1.3										3.3	
NW	1.0	.1										1.1	
NNW	.5	.2	.1									.9	
VARBL													
CALM												52.9	
	23.0	17.6	6.1	.3								100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0600-08 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.3									2.5	
NNE	2.0	2.0	.6									4.7	
NE	1.7	2.6	1.2									5.5	
ENE	.9	1.4	1.5									3.8	
E	1.8	2.2	.4	.1								4.5	
ESE	1.6	.9	.1									2.6	
SE	1.0											1.0	
SSE	.5	.4										1.0	
S	2.3	1.8	.4									4.5	
SSW	2.7	3.3	2.5	.5								9.0	
SW	5.1	5.6	1.8									12.5	
WSW	2.0	2.5	2.2	.2								6.9	
W	3.3	2.9	1.4	.2								7.8	
WNW	1.6	1.7	.5									3.9	
NW	.9	.9	.1	.1								1.9	
NNW	.9		.1									1.0	
VARBL													
CALM												27.0	
	29.4	29.2	13.2	1.2								100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	M W SP
N	.9	1.7	1.5	.2								4.3	
NNE	1.5	1.8	1.7	.1								5.2	
NE	.4	1.2	1.0	.2								2.8	
ENE	.8	1.7	1.3	.2								4.0	
E	1.4	1.4	1.8	.1								4.7	
ESE	1.4	.6	1.0									3.0	
SE	.5	.8	.2									1.5	
SSE	1.2	1.0	.8									2.9	
S	2.3	1.8	1.2	.2								5.5	
SSW	1.3	3.8	3.2	.9								9.1	
SW	1.6	3.9	3.7	.9								10.0	
WSW	2.2	4.1	5.1	1.6								12.9	
W	2.6	4.8	4.9	.4								12.8	
WNW	2.3	3.2	1.2	.2								6.9	
NW	.8	1.7	.4	.1								3.0	
NNW	1.3	2.2	.5									4.0	
VARBL													
CALM												7.4	
	22.3	35.7	29.5	5.2								100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-14 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPE
N	1.8	2.4	1.1	.3								5.6	5
NNE	1.2	1.4	1.6	.1	.1							4.4	5
NE	.8	1.4	1.1	.2								3.4	6
ENE	.2	1.2	2.5	.1								4.0	7
E	1.1	1.5	1.9	.2								4.7	6
ESE	.8	.3	.8									1.8	5
SE	.3	.2	.2									.8	5
SSE	.3	1.0	.3									1.6	5
S	1.5	2.8	2.3	.2								6.8	5
SSW	1.4	2.7	3.4	1.2								8.7	
SW	.8	2.9	4.2	1.3	.1							9.2	
WSW	.9	3.2	5.8	1.6								11.5	
W	1.1	8.2	5.5	1.1								15.8	
WNW	1.5	2.9	2.7		.1							7.2	
NW	.4	2.0	.6									3.1	
NNW	2.6	3.4	1.0									7.0	
VARBL													
CALM												4.3	
	16.6	37.5	34.9	6.3	.3							100.0	

TOTAL NUMBER OF OBSERVATIONS

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1500-17((HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.4	2.3									8.0	5.
NNE	1.2	1.8	1.7	.3								5.1	6.
NE	1.0	1.9	1.5	.1								4.5	5.
ENE	.4	1.6	1.6									3.7	6.
E	.6	2.3	1.8									4.7	5
ESE	.2	1.2	.6	.1								2.2	5
SE	.1	.8	.3									1.2	5
SSE	.2	.5	.5	.1								1.4	6
S	.8	2.5	1.8	.3								5.4	6
SSW	1.3	2.8	3.3	.9								8.3	6
SW	1.3	4.2	4.6	1.0								11.1	6
WSW	.8	2.7	4.2	1.3								8.9	7
W	2.0	5.5	3.9	.8								12.2	6
WNW	2.5	3.5	1.0	.1								7.1	4
NW	1.9	2.5	1.2	.3								5.9	5
NNW	2.2	2.6	.4	.1								5.3	4
VARBL													
CALM												5.3	
	18.7	39.8	30.9	5.4								100.0	

TOTAL NUMBER OF OBSERVATIONS (

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-20(
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	2.2	.3	.1								7.2	3
NNE	1.2	1.7	.4									3.3	4
NE	1.1	2.4	.2									3.7	4
ENE	1.3	.9	1.3									3.4	4
E	1.3	1.6	.6	.1			.1					3.8	5
ESE	1.3	1.4	.4	.2								3.3	4
SE	.3	.9	.2									1.4	4
SSE	.5	1.1										1.6	4
S	1.9	2.2	.5	.3								4.9	4
SSW	2.3	2.2	1.8									6.2	4
SW	2.9	4.1	1.2									8.2	4
WSW	1.3	2.5	1.1	.3								5.2	5
W	2.8	2.5	.3									5.6	1
WNW	3.4	.9	.3									4.6	1
NW	3.3	.6	.3	.1								4.4	1
NNW	3.1	.5	.2	.1								4.0	1
VARBL													
CALM												29.1	
	32.7	27.4	9.4	1.3			.1					100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2301 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	1.4	.1									5.7	2.
NNE	2.0	1.2	.1	.1								3.4	3.
NE	1.1	2.2	.1									3.3	4.
ENE	1.1	1.0	.4									2.5	3.
E	1.8	1.0	.2	.1								3.1	3.
ESE	.9	1.0	.2									2.0	4.
SE	.3	.4										.8	3.
SSE	.9	1.2	.2									2.3	4.
S	2.6	1.5	.3									4.4	3.
SSW	2.3	3.0	.8	.1								6.1	4.
SW	3.7	2.8	.9	.1								7.4	3.
WSW	.9	1.2	.3	.1								2.5	4
W	1.9	.5	.1									2.6	2
WNW	1.8	.4	.2									2.5	3
NW	1.0	.2										1.2	2
NNW	1.6	.2										1.8	2
VARBL													
CALM												48.4	
	28.0	19.1	4.0	.5								100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	2.5	2.0	.8	.1								5.4	4.
NNE	1.7	1.8	.9	.1	.0							4.6	4.
NE	1.1	1.7	.8	.1								3.6	4.
ENE	.8	1.1	1.2	.0								3.1	5.
E	1.3	1.5	.9	.1			.0					3.7	5.
ESE	.9	.8	.4	.0								2.2	4.
SE	.4	.4	.1	.0								1.0	4.
SSE	.6	.7	.2	.0								1.5	4.
S	1.8	1.9	1.0	.1								4.7	4.
SSW	1.9	2.8	2.1	.4								7.2	5
SW	2.8	3.7	2.2	.4	.0							9.2	5
WSW	1.6	2.5	2.4	.6								7.1	6
W	2.2	3.3	2.2	.3								8.0	5
WNW	2.1	1.8	.8	.0	.0							4.7	4
NW	1.2	1.1	.3	.1								2.7	4
NNW	1.6	1.2	.3	.0								3.1	3
VARBL													
CALM												28.3	
	24.4	28.1	16.6	2.6	.0		.0					100.0	1

TOTAL NUMBER OF OBSERVATIONS 74

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0000-020 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	1.6	1.0									5.9	3.
NNE	1.5	4.7	.9									7.1	4.
NE	1.0	2.2	.6									3.8	4.
ENE	1.0	2.3	.3									3.6	4.
E	1.9	.8	.4									3.1	3.
ESE	1.0	.4										1.4	3.
SE	.3	.1	.2									.6	4.
SSE	.2	.2	.2									.6	5.
S	2.2	1.6	.4									4.2	3.
SSW	2.3	2.7	1.7	.2								6.9	5.
SW	3.6	3.0	.6	.1								7.3	3
WSW	1.2	.9	.3									2.4	4
W	1.1	.3		.1								1.5	3
WNW	.8	.1										.9	2
NW	.9	.3										1.2	3
NNW	.6	.4	.1									1.2	3
VARBL													
CALM												48.3	
	22.7	21.6	6.9	.4								100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0300-0 (HOUR (L

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	M W SP
N	2.5	1.9	.2									4.6	
NNE	3.7	3.6	1.1									8.3	
NE	1.5	3.2	.5	.1								5.4	
ENE	1.2	1.2	1.0									3.3	
E	1.0	1.1	.1	.1								2.3	
ESE	1.1	.5	.1									1.7	
SE	.3	.2										.5	
SSE	.6	.1										.8	
S	1.6	1.4		.1								3.1	
SSW	3.6	3.3	1.1	.4								8.4	
SW	2.7	2.8	1.4	.2								7.1	
WSW	1.5	1.0	.3	.1								2.9	
W	1.1	.3	.2									1.6	
WNW	.8	.3										1.1	
NW	.6	.4										1.1	
NNW	1.6	.1										1.7	
VARBL													
CALM												46.1	
	25.3	21.5	6.0	1.1								100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0600-0 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	M W SP
N	1.7	1.3	.5									3.5	
NNE	2.9	4.0	1.6									8.5	
NE	2.3	3.4	1.4	.1								7.2	
ENE	1.3	2.6	2.0	.1								6.0	
E	2.5	1.4	1.0	.3								5.2	
ESE	1.4	.3	.1									1.8	
SE	1.1	.3	.2									1.6	
SSE	.5	.6	.2									1.4	
S	2.8	2.0	.5	.1								5.5	
SSW	2.6	5.9	2.3	.3								11.1	
SW	4.0	5.1	1.8	.1								11.0	
WSW	1.2	1.4	1.5	.3								4.4	
W	1.3	1.2	1.0	.1								3.5	
WNW	.6	.4	.2									1.3	
NW	.5	.3	.5									1.4	
NNW	.8	.9	.1									1.7	
VARBL													
CALM												24.8	
	27.4	31.2	15.1	1.5								100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MI W SP
N	1.7	1.5	.4	.1								3.8	
NNE	1.2	2.7	1.6	.3								5.8	
NE	1.3	1.6	2.6	.5	.1							6.1	
ENE	1.5	3.7	2.3	.3								7.7	
E	2.5	2.6	2.6									7.6	
ESE	1.9	1.9	.4									4.3	
SE	.3	.3	.2									.9	
SSE	.6	.5	.3									1.5	
S	1.5	2.8	1.9	.4								6.7	
SSW	1.0	5.2	4.3	.6	.1							11.2	
SW	1.3	3.3	5.6	.9	.2							11.3	
WSW	.9	4.1	4.2	1.8								11.0	
W	1.4	2.5	3.4	.9								8.2	
WNW	1.6	1.7	1.0									4.3	
NW	.9	.4	.3									1.6	
NNW	1.1	1.3	.5	.1								3.0	
VARBL													
CALM												5.1	
	20.6	36.1	31.7	6.0	.4							100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WI

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

72424D (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

ALL WEATHER (CLASS) 120 (HOU

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	2.0	3.8	2.0	.3								8.2
NNE	1.5	2.4	2.3	.4								6.6
NE	.9	1.9	2.5	.3								5.6
ENE	1.1	1.7	2.2	.6								5.6
E	.9	3.2	1.3	.3								5.7
ESE	1.0	1.0	.2									2.2
SE	.2	.5	.2									1.0
SSE	.5	.6	.8	.1								2.0
S	2.2	1.8	1.0	.5								5.5
SSW	.9	4.1	5.2	.8								10.9
SW	.3	2.0	3.8	1.6	.2							8.0
WSW	.6	3.7	5.7	1.7	.2							11.9
W	1.4	5.3	4.2	1.7								12.6
WNW	1.2	2.3	1.4	.1								4.9
NW	.8	.8		.1								1.8
NNW	1.3	2.4	.9									4.6
VARBL												
CALM												3.
	16.7	37.4	33.4	8.7	.4							100.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIN

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) AL

ALL WEATHER (CLASS) 1500-

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	3.4	3.9	2.4	.1								9.8
NNE	1.3	2.9	2.9	.9								8.0
NE	.6	2.6	2.8	.2								6.2
ENE	.6	1.5	2.0	.1								4.3
E	1.1	2.3	1.8	.1								5.3
ESE	.3	1.1	.5									1.9
SE	.2	.2										.4
SSE	.6	.9			.1							1.6
S	1.6	2.0	2.6	.2								6.5
SSW	1.1	2.9	3.9	.3								8.2
SW	1.4	3.7	3.7	1.3								10.0
WSW	.4	2.4	3.9	1.2	.1							8.0
W	1.7	4.2	4.3	.8	.1							11.1
WNW	1.9	2.0	.5	.2								4.7
NW	1.5	1.1	.2									2.8
NNW	2.6	3.0	.6									6.2
VARBL												
CALM												5.1
	20.5	36.6	32.2	5.4	.3							100.0

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIN

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) A

ALL WEATHER (CLASS) 1800-

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	7.7	2.7	.5	.2								11.2
NNE	2.7	3.9	1.0			.1						7.6
NE	1.0	2.2	.5									3.7
ENE	1.2	1.1	.5	.1								2.9
E	1.2	1.4	.4									3.0
ESE	1.2	1.7	.3									3.2
SE	1.0	.5	.1									1.6
SSE	.5	.3	.4									1.3
S	2.3	3.9	1.0									7.1
SSW	2.2	2.4	1.5									6.0
SW	1.6	2.9	1.1	.1								5.7
WSW	.8	1.5	.6	.2								3.1
W	1.2	1.4	.6	.2								3.4
WNW	1.5	.5	.3									2.4
NW	1.5	.1	.2	.2								2.0
NNW	2.0	.5	.2									2.8
VARBL												
CALM												32.9
	29.5	27.0	9.5	1.1		.1						100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

ALL WEATHER (CLASS) 2100 (HOURS)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	4.6	2.7	.5									7.8
NNE	3.0	4.4	.1	.2								7.7
NE	1.4	2.2	.2									3.8
ENE	1.2	.9	.4									2.5
E	1.8	1.6	.1									3.5
ESE	.4	.6	.2									1.3
SE	1.1	.5										1.6
SSE	1.5	.6										2.2
S	2.2	2.6	1.1									5.8
SSW	1.8	3.5	.5									5.9
SW	3.7	1.0	.4									5.1
WSW	.6	.4	.5									1.6
W	1.3	.5	.1									1.9
WNW	1.0	.5										1.5
NW	1.4											1.4
NNW	1.0	.5	.2									1.7
VARBL												
CALM												44.6
	28.0	22.7	4.5	.2								100.0

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	%
N	3.4	2.4	1.0	.1								6.9
NNE	2.2	3.6	1.4	.2		.0						7.4
NE	1.2	2.4	1.4	.2	.0							5.2
ENE	1.1	1.9	1.3	.2								4.5
E	1.6	1.8	1.0	.1								4.5
ESE	1.0	1.0	.2									2.2
SE	.6	.3	.1									1.0
SSE	.7	.5	.2	.0	.0							1.4
S	2.0	2.3	1.1	.2								5.5
SSW	1.9	3.8	2.6	.3	.0							8.6
SW	2.3	3.0	2.3	.5	.1							8.2
WSW	.9	1.9	2.1	.7	.0							5.7
W	1.3	2.0	1.7	.5	.0							5.5
WNW	1.2	1.0	.4	.0								2.6
NW	1.0	.4	.2	.0								1.6
NNW	1.4	1.1	.3	.0								2.9
VARBL												
CALM												26.3
	23.8	29.3	17.4	3.1	.1	.0						100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) S

ALL WEATHER (CLASS) 0000 (HOURS)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	1.9	2.0	.7	.1								4.7
NNE	3.0	4.6	.4		.1							8.1
NE	2.2	1.8	.8		.1							4.9
ENE	1.7	1.1										2.8
E	2.2	2.0	.2									4.4
ESE	.9	.9	.1	.1								2.0
SE	.7	.7	.1		.1							1.6
SSE	.4	.3	.1	.2								1.1
S	1.1	2.4	1.6									5.1
SSW	2.3	2.0	1.8									6.1
SW	2.2	2.3	.4									5.0
WSW	1.2	1.0	.1									2.3
W	.8	1.7	.4									2.9
WNW	.9	.3										1.2
NW	1.1	.4	.1									1.7
NNW	.7	.3	.2									1.2
VARBL												
CALM												44.9
	23.3	23.9	7.1	.4	.3							100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIN

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) S (NO

ALL WEATHER (CLASS) 0300 (HOUR

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	2.1	2.0	.6	.1								4.8
NNE	2.2	4.6	.9	.2	.1							8.0
NE	2.0	2.6	.9									5.4
ENE	1.2	1.9	.1									3.2
E	2.1	2.2	.1									4.4
ESE	.8	.6	.2									1.6
SE	.3	.4		.1								.9
SSE	.4	.8	.2	.3								1.8
S	1.8	1.9	.9	.4								5.0
SSW	2.4	3.3	1.7	.1								7.6
SW	1.4	1.0	.6									3.0
WSW	.9	1.2	.4									2.6
W	1.4	1.6	.3	.1								3.4
WNW	1.2	.8	.1									2.1
NW	.8	.3										1.1
NNW	1.3	1.0										2.3
VARBL												
CALM												42.8
	22.6	26.1	7.0	1.4	.1							100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-0 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.8	.4	.1								4.3	
NNE	2.0	3.0	1.3	.1								6.4	
NE	2.6	4.7	1.2	.4								8.9	
ENE	1.8	2.0	1.3									5.1	
E	2.0	2.6	1.0									5.6	
ESE	2.0	.9	.4									3.3	
SE	.8	.6	.4									1.8	
SSE	.7	.6	.4	.2								1.9	
S	2.3	2.4	2.0	.6								7.3	
SSW	2.0	3.7	3.3	.8	.1							9.9	
SW	1.9	3.0	1.1		.1							6.1	
WSW	1.1	.7	.7									2.4	
W	1.4	1.0	1.1	.4								4.0	
WNW	1.3	.9	.1	.1								2.4	
NW	.6	.4										1.0	
NNW	.9	.4	.1									1.4	
VARBL													
CALM												28.0	
	25.3	28.6	15.1	2.8	.2							100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIN

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SE (MON

ALL WEATHER (CLASS) 0900- (HOURS (L

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	.6	1.7	1.6	.1								3.9
NNE	1.0	2.1	1.4	.6								5.1
NE	1.3	2.0	1.3	.7								5.3
ENE	.8	2.9	1.8	.7								6.1
E	2.0	3.1	2.8	.6	.1							8.6
ESE	2.0	1.9	1.1	.1								5.1
SE	1.4	1.3	.7									3.4
SSE	1.6	1.6	1.2	.2								4.6
S	2.2	2.7	2.4	1.4	.2							9.0
SSW	2.2	3.2	3.9	1.9	.2							11.4
SW	.7	2.6	3.3	1.8	.1							8.4
WSW	1.2	2.2	3.0	1.4								7.9
W	1.6	3.3	2.1	.3								7.3
WNW	1.2	1.3	.6	.1								3.2
NW	.7	1.2	.1									2.0
NNW	.9	1.2	.8									2.9
VARBL												
CALM												5.7
	21.3	34.3	28.1	9.9	.7							100.0

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIND

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1 (HOURS (L

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	M W SI
N	.8	3.4	2.0	.3								6.6	
NNE	1.7	2.7	2.0	.8								7.1	
NE	.7	.8	1.7	.6								3.7	
ENE	.7	1.9	2.7	.3								5.6	
E	.6	2.1	1.9	.9								5.4	
ESE	.7	1.9	.7									3.2	
SE	.7	1.0	1.1									2.8	
SSE	.8	1.2	1.7	.8								4.4	
S	1.0	2.7	3.6	.6	.2							8.0	
SSW	1.1	3.4	4.3	1.6	.2							10.7	
SW	.4	2.7	2.7	2.1	.3							8.2	
WSW	1.0	2.0	1.9	.8	.1							5.8	
W	1.8	4.9	3.0	.7								10.3	
WNW	1.2	1.8	2.7	.2								5.9	
NW	.9	1.1	.9	.1								3.0	
NNW	1.8	2.1	1.2	.1								5.2	
VARBL													
CALM												4.1	
	15.7	35.7	33.9	9.8	.9							100.0	

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIN

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SE (HOUR)

ALL WEATHER (CLASS) 1500-

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	2.9	2.2	1.3	.1								6.6
NNE	1.9	1.9	1.9									5.7
NE	.9	2.8	1.9	.8								6.3
ENE	1.3	3.2	2.8									7.3
E	.4	3.0	2.1	.2								5.8
ESE		1.0	1.3	.1								2.4
SE	.2	1.3	.6									2.1
SSE	.4	.7	1.7	.4								3.2
S	1.3	3.8	4.0	.7	.1							9.9
SSW	.9	4.0	2.6	1.0								8.4
SW	1.2	2.1	1.9	.6								5.8
WSW	.6	2.1	1.7	.3								4.7
W	1.7	4.4	3.8	.6								10.4
WNW	1.3	2.6	1.3	.1								5.3
NW	2.1	1.2	.4	.1								3.9
NNW	2.4	2.1	.4									5.0
VARBL												
CALM												7.1
	19.7	38.4	29.7	5.0	.1							100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIN

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SE (MONT

ALL WEATHER (CLASS) 1800- (HOURS (L

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	2.8	1.1	.6	.2								4.7
NNE	2.8	2.8	.3	.1								6.0
NE	1.6	3.4	.3	.4								5.8
ENE	1.8	1.9	.1	.2								4.0
E	1.0	2.3	.6									3.9
ESE	.9	1.2	.2									2.3
SE	.9	1.9	.8									3.6
SSE	1.1	1.8	.7	.1								3.7
S	3.1	4.3	.9	.2								8.6
SSW	1.0	2.3	.9	.1								4.3
SW	1.9	1.1	1.0	.3								4.3
WSW	.3	.8	.2	.1								1.4
W	1.7	1.1	.2									3.0
WNW	1.2	.3	.1									1.7
NW	2.3	.4	.2									3.0
NNW	3.4	1.4										4.9
VARBL												
CALM												34.9
	27.8	28.3	7.1	1.9								100.0

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WIN

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

724246 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) S

ALL WEATHER (CLASS) 2100 (HOURS)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	1.8	1.7	.8	.1								4.3
NNE	2.4	3.2	.4	.1								6.2
NE	2.2	2.1	.2	.2								4.8
ENE	1.6	1.7	.1	.2								3.6
E	1.8	2.4	.6									4.8
ESE	.7	1.6	.4									2.7
SE	.6	.6	.7									1.8
SSE		.7	.2	.1								1.0
S	2.3	3.6	1.1	.1								7.1
SSW	2.4	1.8	1.1									5.3
SW	2.7	1.8	.7	.2								5.3
WSW	1.2	1.0	.4	.1								2.8
W	1.7	1.1	.2									3.0
WNW	1.6	.1										1.7
NW	.9	.4										1.3
NNW	1.1	1.4	.1									2.7
VARBL												
CALM												41.7
	24.9	25.1	7.1	1.2								100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	%
N	1.8	2.0	1.0	.2								5.0
NNE	2.1	3.1	1.1	.2	.0							6.6
NE	1.7	2.5	1.0	.4	.0							5.6
ENE	1.3	2.1	1.1	.2								4.7
E	1.5	2.5	1.2	.2	.0							5.4
ESE	1.0	1.2	.6	.0								2.8
SE	.7	1.0	.5	.0	.0							2.2
SSE	.7	.9	.8	.3								2.7
S	1.9	3.0	2.1	.5	.1							7.5
SSW	1.8	3.0	2.4	.7	.1							8.0
SW	1.6	2.1	1.5	.6	.1							5.8
WSW	.9	1.4	1.1	.3	.0							3.7
W	1.5	2.4	1.4	.3								5.6
WNW	1.2	1.0	.6	.1								2.9
NW	1.2	.7	.2	.0								2.1
NNW	1.6	1.3	.4	.0								3.2
VARBL												
CALM												26.1
	22.6	30.1	16.9	4.1	.3							100.0

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE W

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	
N	1.7	1.5	.5									
NNE	1.5	2.9	.5	.2								
NE	.6	1.8	.4									
ENE	.6	1.4	1.0									
E	3.1	2.0	.4	.1								
ESE	.8	.3	.4									
SE	.2	1.1	.4	.1								
SSE	.3	.3	.6									
S	1.9	2.5	2.3	.6								
SSW	.6	1.4	1.4	.5								
SW	2.4	1.2	1.4	.2								
WSW	1.9	.8	.2									
W	3.7	1.8	.9	.2								
WNW	1.7	1.3										
NW	1.9	.9	.4									
NNW	1.3	1.3	.6									
VARBL												
CALM												
	24.4	22.5	11.6	2.0								1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE W

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

72424D (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	%
N	1.9	1.4	1.0									4
NNE	1.4	2.4	.4	.1								4
NE	.6	3.3	.5	.1								4
ENE	.8	1.8	.6									3
E	2.3	1.2	.8	.1								4
ESE	.9	.6	.1									1
SE	.2	.3	.1									
SSE	.3	.9	.4	.2								1
S	1.8	1.8	1.5	1.8								7
SSW	1.2	2.7	1.3	.3								5
SW	1.7	1.7	1.4	.3	.1							5
WSW	2.0	1.2	.6	.3								4
W	4.3	1.7	.3	.3								6
WNW	1.7	.9	.4									
NW	1.7	.9	.6									
NNW	1.9	.9	.3									
VARBL												
CALM												3
	24.8	23.7	10.5	3.7	.1							10

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE V

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	
N	1.6	1.2	.6									
NNE	1.5	1.7	.5	.1								
NE	1.3	2.5	.5	.2								
ENE	.9	2.4	1.2	.2								
E	1.8	3.1	1.4									
ESE	1.2	1.2	.8									
SE	.5	.3										
SSE	.4	.3	.5	.4								
S	1.2	1.7	3.8	1.2	.1							
SSW	1.3	3.1	2.3	.9								
SW	2.6	3.3	1.1	.4								
WSW	1.1	1.1	.5	.8								
W	2.3	3.0	.6	.2	.1							
WNW	2.5	.6	.3	.2								
NW	1.4	1.0	.6	.1								
NNW	1.6	1.9	.3									
VARBL												
CALM												
	23.1	28.5	15.2	4.7	.2							1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	
N	1.2	2.6	1.3	.1								
NNE	1.0	1.3	1.4	.6								
NE	.2	1.0	.9	.1								
ENE	.8	1.5	1.4	.4								
E	2.6	3.5	1.7	.6								
ESE	1.4	2.9	1.3	.1								
SE	1.0	1.7	.2									
SSE	1.5	1.5	.5	.3	.1							
S	1.0	2.2	4.2	3.1	.3							
SSW	1.5	2.6	4.2	2.7								
SW	1.0	3.1	2.2	1.3								
WSW	1.3	2.0	2.6	1.1	.1							
W	1.2	2.8	4.2	1.8	.1							
WNW	1.0	2.5	1.5	.1								
NW	1.0	1.2	.8									
NNW	1.2	3.1	.6									
VARBL												
CALM												
	18.6	35.5	28.9	12.5	.6							1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

ALL WEATHER (CLASS) 12 (NO)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	.8	2.8	1.4	.2	.1							5.
NNE	.8	2.2	1.8	.8								5.
NE	.4	1.0	.8	.2								2.
ENE	.8	1.7	.9	.1								3.
E	2.3	1.8	1.6	.3								6.
ESE	1.2	1.9	.9	.4								4.
SE	.9	.8	.2									1.
SSE	1.0	1.8	1.1	.6								4
S	1.4	2.4	4.4	3.7	.2							12
SSW	.8	1.6	4.3	2.3	.4							9
SW	.4	1.9	2.9	1.5								6
WSW	1.1	2.4	3.3	3.1								9
W	.9	3.1	4.5	2.0	.2							10
WNW	1.4	2.8	2.3	.8								7
NW	.5	2.0	1.8	.3								4
NNW	.9	1.3	1.0									3
VARBL												
CALM												
	15.3	31.5	33.1	16.3	1.0							10

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE W

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

ALL WEATHER (CLASS) 1

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	1.4	2.3	1.5	.1								5
NNE	1.5	1.3	1.7	.4								4
NE	1.2	1.7	1.0									3
ENE	.6	1.8	.5									3
E	.8	2.4	1.4	.1								4
ESE	1.0	1.6	1.3	.1								4
SE	.8	1.2	.3									2
SSE	1.3	2.5	1.0	.5								5
S	1.8	4.1	4.3	1.3	.3							11
SSW	.8	2.0	2.9	1.3								7
SW	1.3	2.0	2.0	.4	.1							5
WSW	1.1	1.5	3.0	.8								6
W	2.4	3.1	4.3	1.6								11
WNW	1.3	3.0	2.2	1.2								7
NW	1.2	2.0	1.6	.3								5
NNW	2.0	1.4	.6									4
VARBL												
CALM												1
	20.3	34.0	29.7	8.2	.4							10

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) 18 (NO)

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	%
N	3.2	1.7	.9	.2								6.
NNE	1.4	1.6	.5									3.
NE	1.8	1.7	.1									3.
ENE	.8	1.2	.3									2.
E	1.8	2.8	.2									4.
ESE	1.1	.9	.4									2.
SE	1.5	1.1	.5									3.
SSE	1.5	1.7	.5	.1								3.
S	1.8	3.8	1.4	.3								7.
SSW	1.4	2.2	.6									4.
SW	1.8	1.0	.1	.3								3.
WSW	.8	.5	.5	.1								1.
W	2.0	2.4	1.5									5.
WNW	2.3	2.0	.8	.1								5.
NW	2.3	.9	.5	.4								4.
NNW	1.5	1.0	.4	.1								3.
VARBL												
CALM												35
	27.0	26.3	9.5	1.7								100

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

ALL WEATHER (CLASS) 21(

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	1.6	1.5	.6	.1								3.1
NNE	1.1	3.1	.4	.1								4.
NE	.4	1.2	.2									1.
ENE	1.4	1.3	.9									3.
E	3.4	2.5	.4	.1								6.
ESE	.9	.5	1.1	.2								2.
SE	.3	.6	.5									1.
SSE	.8	.3	1.1									2.
S	1.2	1.4	1.9	.5								5.
SSW	1.4	2.2	1.0	.5								5.
SW	1.2	1.8	.9	.3								4.
WSW	1.1	1.0	.3	.2								2.
W	3.0	2.0	.9	.2								6.
WNW	2.4	1.2	.4	.1								4.
NW	2.7	1.2	1.0									4
NNW	1.5	.8	.5									2
VARBL												
CALM												38
	24.3	22.6	12.2	2.5								100

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WI

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	%
N	1.7	1.9	1.0	.1	.0							4.6
NNE	1.3	2.1	.9	.3								4.5
NE	.8	1.8	.6	.1								3.2
ENE	.8	1.6	.8	.1								3.4
E	2.3	2.4	1.0	.2								5.8
ESE	1.0	1.2	.8	.1								3.2
SE	.7	.9	.3	.0								1.9
SSE	.9	1.2	.7	.3	.0							3.1
S	1.5	2.5	3.0	1.6	.1							8.7
SSW	1.1	2.2	2.2	1.1	.1							6.7
SW	1.5	2.0	1.5	.6	.0							5.7
WSW	1.3	1.3	1.4	.8	.0							4.8
W	2.5	2.5	2.2	.8	.1							8.0
WNW	1.8	1.8	1.0	.3								4.9
NW	1.6	1.2	.9	.1								3.9
NNW	1.5	1.5	.6	.0								3.5
VARBL												
CALM												24.1
	22.2	28.1	18.8	6.5	.3							100.1

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE W

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

ALL WEATHER (CLASS) 00

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	1.7	.9	.7									3.
NNE	1.6	1.6	.5									3.
NE	1.2	2.3	.6									4.
ENE	1.2	1.0	1.1									3.
E	1.8	1.6	.7									4.
ESE	.6	.7	.3									1.
SE	.7	.9	.1									1.
SSE	.5	1.7	.3	.1								2
S	.8	2.8	2.3	1.9								7
SSW	1.1	2.5	3.5	1.6	.6							9
SW	2.1	2.6	1.2	.3								6
WSW	1.1	1.7	1.2	.3								4
W	2.7	3.0	3.4	1.0	.3							10
WNW	1.8	1.1	1.6	.7								5
NW	1.4	1.2	.2	.1								2
NNW	1.2	1.2	.6	.1								3
VARBL												
CALM												26
	21.5	26.8	18.2	6.2	.9							100

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE W

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	%
N	2.0	1.4	.5	.1								3
NNE	.7	2.4	.3									3
NE	1.2	1.4	.9									3
ENE	.6	1.4	.7									2
E	1.1	2.1	.7									3
ESE	.8	1.1	.5									2
SE	.6	1.2	.5									2
SSE	.9	.8	1.1	.2								3
S	1.7	1.5	2.1	1.6								6
SSW	1.6	2.1	2.9	3.3	.2							10
SW	2.1	2.4	1.8	.8								7
WSW	.9	1.5	.7	.2								3
W	2.0	3.6	4.1	.6			.1					10
WNW	1.4	2.6	2.1	.6								6
NW	1.1	.9	.2	.1								2
NNW	.3	.2	.8									1
VARBL												
CALM												2(
	19.0	26.5	19.8	7.4	.2		.1					10(

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE W

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	%
N	1.2	1.0	.4									2
NNE	1.5	1.0	.9									3
NE	1.1	1.8	1.0									3
ENE	1.1	1.7	1.1	.1								4
E	1.5	2.8	.8									5
ESE	.6	.8	.4	.1								1
SE	.3	.6	.3									1
SSE	.8	1.1	1.1	.3								3
S	1.2	2.5	2.4	1.8	.2							8
SSW	2.4	3.0	3.9	2.6								11
SW	1.5	2.1	1.6	.4								5
WSW	.3	1.3	1.1	1.6								4
W	3.3	3.6	3.9	1.2	.1							12
WNW	2.1	2.5	1.6	1.0								7
NW	1.0	.8	.4									2
NNW	1.2	.2	.7									2
VARBL												
CALM												21
	21.1	26.9	21.8	9.2	.3							10

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE V

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

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	
N	.9	1.0	.4									
NNE	.6	1.5	1.0	.4								
NE	.4	1.0	1.0	.1								
ENE	.8	1.5	2.0	.4								
E	2.2	2.6	1.9	.1								
ESE	1.6	1.1	1.6									
SE	.6	.2	.1									
SSE	.3	.3	.6	.3	.1							
S	1.6	2.0	3.8	2.6	.6							1
SSW	.7	3.6	5.3	3.6	.3	.1						1
SW	.2	1.1	3.4	1.5	.2							
WSW	.8	2.1	1.6	2.0	.3							
W	1.5	3.6	5.4	4.6	.2							1
WNW	.6	2.1	2.9	1.6	.1							
NW	.2	1.3	1.7	.4	.1							
NNW	.9	.7	.7									
VARBL												
CALM												
	13.8	25.8	33.3	17.7	2.0	.1						10

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE W

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

ALL WEATHER (CLASS) 1

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	.4	1.3	.6	.1	.1							2
NNE	1.0	1.2	.7	.2								3
NE	.7	.6	.9									2
ENE	1.0	1.9	1.5									4
E	1.3	1.8	2.0	.1								5
ESE	.8	1.6	.9	.1								3
SE	.6	.9	.3									1
SSE	.4	.3	.9	.2								1
S	.7	2.4	4.0	2.4	.2	.1						9
SSW	.3	2.2	3.6	2.8	.4							9
SW	.6	1.2	3.4	4.2	.2	.1						9
WSW	1.6	1.9	3.1	3.6	.6							10
W	.8	3.3	6.5	5.3	.4							16
WNW	1.1	1.8	3.7	2.2								9
NW	.8	1.2	1.5	.3								4
NNW	.6	1.0	.6									2
VARBL												
CALM												
	12.7	24.7	34.2	21.6	2.0	.2						10

TOTAL NUMBER OF OBSERVATIONS

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

AD-A118 462 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT KNOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUL 82
UNCLASSIFIED USAFETAC/DS-82/042 SBI-AD-E850 201 NL

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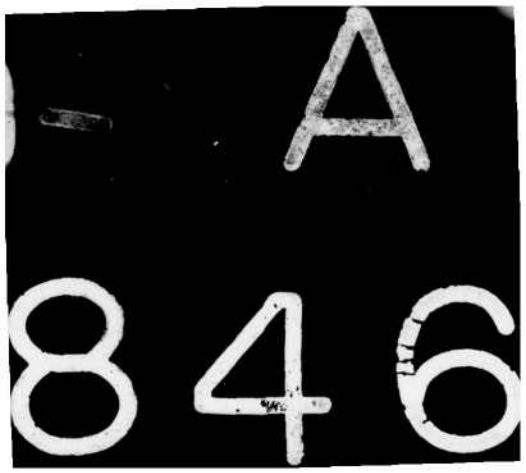
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	.4									4.7	4.1
NNE	1.0	1.7	1.5									4.2	5.4
NE	.7	.9	.2	.1								1.9	4.9
ENE	.3	1.6	1.5	.1								3.5	6.4
E	1.1	1.5	1.1	.1								3.8	5.5
ESE	.2	1.6	.7									2.5	5.4
SE	.6	1.2										1.8	4.2
SSE	1.0	1.6	1.1									3.7	5.2
S	1.6	3.4	2.9	2.2	.3							10.4	7.6
SSW	.6	2.7	3.6	2.8	.1							9.8	8.6
SW	.9	2.5	1.8	1.7	.4							7.3	8.3
WSW	.2	1.8	2.0	2.0	.2							6.3	9.2
W	1.8	4.8	6.3	3.8	.6							17.3	8.3
WNW	2.4	2.0	2.4	1.2								8.0	6.4
NW	.8	1.5	1.0	.4								3.7	6.3
NNW	1.6	1.2	.3									3.1	3.8
VARBL													
CALM												8.0	
	16.9	32.0	26.9	14.6	1.7							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 890

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.8	1.2	.2									3.2	3.5
NNE	3.0	1.9	.4	.1								5.5	3.7
NE	1.0	1.0	.8	.1								2.9	5.1
ENE	1.1	.8	.4									2.4	4.3
E	1.2	2.0	1.1	.2								4.6	5.4
ESE	.8	1.1	.4	.1								2.5	5.1
SE	1.1	1.2	.3	.1								2.8	4.7
SSE	.7	1.2	.4	.2	.1							2.7	6.1
S	2.2	3.0	3.0	1.5	.6							10.3	7.4
SSW	1.2	2.6	2.0	1.3								7.2	7.1
SW	1.5	2.8	1.0	.2	.2							5.7	5.8
WSW	.8	1.2	1.0	.6	.2							3.8	7.5
W	3.7	3.0	3.7	.3								10.8	5.5
WNW	1.8	2.4	1.6	1.0	.2							6.9	6.3
NW	1.6	1.5	.6	.6								4.1	5.3
NNW	.9	1.6	.1	.1								2.7	4.6
VARBL													
CALM												21.9	
	24.4	28.6	17.2	6.5	1.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 893

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) · FT KNOX/GODMAN AAF KY (STATION NAME) · 65-70,75-78 (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	1.7	1.5	.6									3.7	4.3
NNE	1.5	1.4	.5									3.3	4.0
NE	.9	1.5	1.2									3.6	5.4
ENE	.9	1.8	.3									3.0	4.4
E	1.2	2.5	.6									4.3	4.7
ESE	.9	1.4	.2									2.5	3.9
SE	.6	.7	.2	.1								1.6	4.6
SSE	.6	.6	.8	.3		.1						2.4	7.8
S	.7	2.8	2.9	1.7	.2							8.3	8.1
SSW	1.2	2.4	1.8	1.7	.3							7.4	7.7
SW	1.4	3.9	2.1	1.2								8.7	6.6
WSW	.9	1.2	1.0	.3	.1	.1						3.7	7.3
W	1.8	3.2	2.9	.8								8.7	6.3
WNW	2.1	2.0	1.2	.7								6.1	5.6
NW	1.1	1.5	.5	.5								3.5	5.7
NNW	1.4	1.4	.7	.1								3.5	5.0
VARBL													
CALM												25.8	
	18.8	29.5	17.6	7.4	.7	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.3	.5	.0	.0							3.3	4.3
NNE	1.3	1.6	.7	.1								3.7	4.8
NE	.9	1.3	.8	.0								3.1	5.1
ENE	.9	1.4	1.1	.1								3.5	5.5
E	1.4	2.1	1.1	.1								4.7	4.9
ESE	.8	1.2	.6	.0								2.6	5.0
SE	.6	.9	.2	.0								1.8	4.5
SSE	.6	1.0	.8	.2	.0	.0						2.7	6.3
S	1.3	2.5	2.9	2.0	.3	.0						9.0	7.9
SSW	1.1	2.6	3.3	2.5	.3	.0						9.8	8.3
SW	1.3	2.3	2.0	1.3	.1	.0						7.1	7.3
WSW	.8	1.6	1.5	1.3	.2	.0						5.4	8.0
W	2.2	3.5	4.5	2.2	.2		.0					12.7	7.4
WNW	1.7	2.1	2.1	1.1	.0							7.0	6.7
NW	1.0	1.2	.8	.3	.0							3.3	5.7
NNW	1.0	.9	.5	.0								2.5	4.7
VARBL													
CALM												17.7	
	18.5	27.6	23.6	11.3	1.2	.1	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7117

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.8	1.5	.3								4.5	5.9
NNE	.3	.6	.6									1.5	5.9
NE	.4	1.6	.5	.4								2.9	6.3
ENE	.6	2.4	.1	.1								3.3	4.5
E	1.1	2.5	1.6	.8								6.0	6.5
ESE	1.3	1.1	1.4	.1								3.9	5.5
SE	.3	.4	.3									.9	4.6
SSE	.8	.4		.4								1.5	5.7
S	.9	1.4	4.5	2.1	.1							9.0	8.6
SSW	.9	2.6	3.3	1.8	.4							8.9	8.2
SW	2.0	2.3	2.4	.8								7.4	6.1
WSW	1.0	1.9	1.3	1.0	.3							5.4	7.3
W	1.6	3.3	3.0	2.4	.3							10.5	7.7
WNW	1.3	2.1	2.9	.4								6.6	6.5
NW	1.5	1.5	1.1									4.1	4.8
NNW	1.3	.8	.5									2.5	4.4
VARBL													
CALM												21.0	
	16.1	26.6	25.0	10.4	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	1.4	2.6	1.0									5.0	4.9
NNE	.8	.5	.8	.1								2.1	5.7
NE	.9	1.8	.8	.4								3.8	5.6
ENE	.4	2.0	.4	.1								2.9	5.1
E	1.0	2.4	2.1	.8								6.3	6.5
ESE	.9	.5	.6	.4								2.4	6.2
SE	.8	.6	.3									1.6	4.3
SSE	.8	.4	.3		.1							1.5	5.0
S	1.8	1.5	3.3	2.3								8.8	7.9
SSW	2.3	4.3	3.5	3.4	.3							13.7	7.9
SW	1.6	2.1	1.1	1.6								6.5	6.6
WSW	.5	1.3	.8	.8	.4							3.6	8.5
W	1.4	3.5	2.4	2.0	.4							9.7	7.9
WNW	1.3	2.4	2.1	.9								6.7	6.9
NW	1.4	2.0	.8									4.2	4.6
NNW	1.4	1.5	.3									3.1	3.9
VARBL													
CALM												18.0	
	18.4	29.4	20.4	12.7	1.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 795

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.6	.8	.1								4.3	4.6
NNE	.7	1.8	.9									3.4	5.4
NE	1.0	1.6	.8	.1								3.5	5.2
ENE	1.0	1.6	.7									3.3	4.7
E	1.9	3.2	1.8	.2								7.2	5.3
ESE	.7	1.3	.8	.2								3.0	5.4
SE	.2	1.0	.1	.1								1.5	4.9
SSE	.6	1.3	.6	.2								2.6	5.6
S	2.6	2.2	2.9	2.6								10.3	7.4
SSW	1.7	4.1	4.3	2.4	.1	.1						12.8	7.8
SW	1.4	2.2	2.1	1.3	.1	.1						7.1	7.2
WSW	.8	1.4	1.3	1.0								4.5	7.4
W	1.7	3.1	2.6	1.9	.2							9.6	7.6
WNW	1.6	2.6	2.1	1.1								7.4	6.8
NW	.6	.8	.3	.1								1.8	4.9
NNW	.6	.6	.2									1.4	4.8
VARBL													
CALM												16.1	
	19.0	30.3	22.3	11.6	.5	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	1.1	.3								4.2	5.8
NNE	.4	2.1	.4	.2								3.2	5.4
NE	.5	.7	.4	.7								2.3	7.3
ENE	.5	2.0	1.0	.1								3.6	5.7
E	1.3	3.7	2.0									7.0	5.5
ESE	1.3	3.2	1.2	.1								5.8	5.2
SE	.8	1.1	.3									2.2	4.4
SSE	.2	1.1	1.1	.4								2.9	7.5
S	.4	2.6	4.1	2.1	.8							10.0	9.3
SSW	1.1	2.6	6.1	3.5	.3							13.7	8.9
SW	.3	1.2	3.6	3.0	.3	.1						8.6	10.0
WSW	.8	1.3	3.7	1.4	.4	.2	.1					8.0	9.6
W	1.5	3.1	4.4	2.9	.4							12.3	8.3
WNW	1.0	2.0	1.3	1.6	.1							6.0	7.5
NW	.4	.8	1.0	.1								2.3	6.6
NNW	.5	1.2	1.1									2.9	5.9
VARBL													
CALM												5.2	
	12.2	30.5	32.9	16.4	2.4	.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 912

USAFETAC FORM JUL 64 0-8-1 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.5	1.4	.2								4.1	6.0
NNE	.5	1.3	1.1	.1								3.1	6.0
NE	.4	.9	1.1	.1								2.5	6.1
ENE	.7	1.4	.5	.1								2.7	5.2
E	1.5	2.9	1.4	.3								6.1	5.4
ESE	.9	1.5	1.0	.3								3.7	5.7
SE	.3	.9	.3	.1								1.6	5.3
SSE	.8	1.0	1.2	.3								3.3	6.2
S	.5	3.1	3.0	3.0	.4							10.0	9.1
SSW	.3	1.6	4.9	4.8	1.0							12.7	10.7
SW	.5	1.6	2.7	3.6	.5							9.1	10.0
WSW	.2	1.6	3.7	3.2	.5	.2						9.5	10.6
W	1.3	2.0	7.2	3.8	1.0	.3						15.7	9.6
WNW	.9	1.4	3.2	2.2	.2							7.9	9.0
NW	.4	.5	1.0									2.0	6.1
NNW	.4	1.5	.9	.1								3.0	5.9
VARBL													
CALM												3.0	
	10.7	24.9	34.8	22.4	3.7	.5						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (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	2.7	1.2	.1								5.3	5.2
NNE	.3	.9	.8	.1	.1							2.2	6.8
NE	.2	1.0	.4	.2								1.9	6.1
ENE	.7	1.1	1.5	.1								3.4	5.9
E	1.3	2.2	1.3	.2								5.0	5.5
ESE	.5	1.6	.7		.1							3.0	5.8
SE	.2	.9	.3	.1								1.5	5.8
SSE	.8	2.1	1.0	.2								4.1	5.4
S	1.6	4.1	2.9	3.5	.3							12.4	8.2
SSW	1.1	2.6	3.8	4.2	.1							11.9	9.0
SW	.3	1.6	2.9	2.3	.1							7.2	9.3
WSW	.9	1.8	2.3	1.6	.4	.1						7.1	9.1
W	1.3	2.9	5.4	4.2	.1							13.8	8.6
WNW	1.5	2.0	3.4	1.6	.1							8.7	7.6
NW	.4	1.0	1.2	.7								3.3	7.6
NNW	1.1	1.3	.9									3.3	5.0
VARBL													
CALM												5.9	
	13.6	29.7	30.0	19.2	1.4	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 911

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.9	.1								3.4	5.0
NNE	.6	1.0	1.3	.4								3.3	6.7
NE	.8	1.9	.8	.1								3.5	5.1
ENE	.9	1.5	1.0	.1								3.5	5.6
E	1.8	2.5	2.3	.3								6.8	5.7
ESE	1.5	1.9	.1									3.5	4.0
SE	1.1	1.6	.1									2.9	3.8
SSE	1.4	1.3	.3	.1	.3							3.3	5.5
S	2.4	3.5	2.6	3.0		.1						11.6	7.5
SSW	2.0	3.1	3.3	.9	.1							9.4	6.5
SW	1.9	1.3	1.4	.6		.1						5.3	6.3
WSW	.6	1.0	.9	1.4	.3							4.1	9.0
W	2.1	4.0	2.5	.9	.4							9.9	6.6
WNW	1.6	2.1	3.1	.9	.3							8.0	7.3
NW	.8	1.1	1.1									3.0	5.6
NNW	1.6	1.0	.6									3.3	4.1
VARBL													
CALM												15.4	
	22.2	30.0	22.2	8.8	1.3	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.5	1.5									4.9	4.8
NNE	.5	.5	1.3	.3								2.5	6.9
NE	.4	1.3	.9	.1								2.7	6.1
ENE	.1	2.3	.5	.1								3.0	5.8
E	1.3	2.5	2.0	.9								6.7	6.3
ESE	.9	1.6	.5			.1						3.2	5.5
SE	.6	.5	.1	.1								1.4	4.8
SSE	.6	.3	1.0		.4							2.3	8.0
S	1.0	2.9	3.8	2.4	.3							10.4	8.2
SSW	1.1	3.2	3.4	1.6								9.4	7.4
SW	1.3	1.5	1.1	.9	.3							5.1	7.2
WSW	.6	1.5	1.6	.9	.3	.1						5.1	8.6
W	1.1	2.9	1.8	1.5	.4							7.7	7.6
WNW	1.5	2.5	2.7	.4								7.1	6.3
NW	1.5	1.3	1.5	.1								4.4	5.4
NNW	1.5	1.8	.6									3.9	4.5
VARBL													
CALM												20.2	
	16.1	28.1	24.5	9.4	1.5	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	1.2	.1								4.5	5.3
NNE	.5	1.1	.9	.1	.0							2.7	6.1
NE	.6	1.3	.7	.3								2.9	5.9
ENE	.6	1.8	.7	.1								3.2	5.3
E	1.4	2.8	1.8	.4								6.4	5.8
ESE	1.0	1.6	.8	.1	.0	.0						3.6	5.4
SE	.5	.9	.2	.1								1.7	4.7
SSE	.7	1.0	.7	.2	.1							2.7	6.1
S	1.4	2.7	3.4	2.6	.3	.0						10.3	8.3
SSW	1.3	3.0	4.1	2.9	.3	.0						11.6	8.5
SW	1.1	1.7	2.2	1.8	.2	.0						7.1	8.1
WSW	.7	1.5	2.0	1.4	.3	.1	.0					6.0	9.1
W	1.5	3.1	3.8	2.5	.4	.0						11.3	8.2
WNW	1.3	2.1	2.6	1.2	.1							7.3	7.3
NW	.9	1.1	1.0	.1								3.1	5.7
NNW	1.0	1.2	.6	.0								2.9	4.8
VARBL													
CALM												12.7	
	15.9	28.7	26.7	14.1	1.6	.2	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 6789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72424	FT KNOX/GODMAN AAF KY	65-70,75-79	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	1.8	1.8	1.0	.2	.0	.0						4.8	4.9
NNE	1.3	2.0	1.2	.3	.0	.0						4.8	5.5
NE	.9	1.8	1.1	.2	.0							4.0	5.6
ENE	.8	1.7	1.3	.3	.0							4.1	6.0
E	1.4	2.3	1.5	.3	.0	.0	.0					5.5	5.6
ESE	.9	1.1	.6	.1	.0	.0						2.8	5.1
SE	.5	.7	.3	.1	.0							1.7	5.1
SSE	.7	.9	.7	.3	.0	.0						2.5	6.2
S	1.5	2.4	2.4	1.4	.2	.0						7.8	7.3
SSW	1.4	2.8	3.0	1.7	.2	.0	.0					9.1	7.7
SW	1.6	2.4	2.1	1.1	.1	.0	.0					7.3	6.9
WSW	1.0	1.6	1.9	1.1	.2	.0	.0	.0				5.7	7.8
W	1.7	2.8	3.0	1.6	.3	.0	.0					9.4	7.5
WNW	1.4	1.6	1.6	.7	.0	.0	.0					5.3	6.5
NW	1.1	1.1	.8	.2	.0							3.1	5.2
NNW	1.2	1.3	.6	.0	.0							3.1	4.6
VARBL													
CALM												19.1	
	19.0	28.2	22.8	9.5	1.1	.2	.0	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 85965

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) | FT KNOX/GOODMAN AAF KY (STATION NAME) | 65-70,75-79 (YEARS) | ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.7	2.4	.5	.0							7.5	6.0
NNE	.7	2.1	2.2	.8	.1	.0						5.9	7.3
NE	.8	1.9	2.1	.6								5.5	6.9
ENE	.7	1.8	2.0	.6	.0							5.1	7.0
E	1.1	2.7	2.3	.6	.0	.0						6.8	6.5
ESE	.8	1.5	1.0	.2								3.4	5.8
SE	.5	.6	.3	.1	.0							1.5	5.6
SSE	.5	.8	.6	.2	.0	.0						2.1	6.7
S	1.0	1.4	2.0	1.4	.1	.1						5.9	8.1
SSW	.8	1.5	2.0	1.2	.1							5.6	7.9
SW	.7	1.9	1.7	.9	.0	.0						5.3	7.4
WSW	.7	1.7	1.8	1.0	.2	.1	.0	.0				5.5	8.5
W	1.5	3.5	4.1	2.4	.5	.1						12.1	8.1
WNW	1.6	2.2	2.7	1.1	.1	.0						7.6	7.0
NW	1.3	1.9	1.3	.4								4.9	5.7
NNW	1.4	2.3	1.2	.0	.0							5.0	5.1
VARBL													
CALM												10.3	
	15.8	30.4	29.8	12.1	1.3	.4	.0	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 9747

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,76-79	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.6
≥ 20000	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.6
≥ 18000	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.6
≥ 16000	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.6
≥ 14000	18.0	45.8	46.2	46.7	46.9	46.9	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.6	47.8
≥ 12000	18.2	46.6	47.0	47.5	47.7	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.4	48.6
≥ 10000	18.4	48.1	48.6	49.0	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.9	50.2
≥ 9000	18.7	48.9	49.4	49.8	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.7	51.0
≥ 8000	19.3	49.9	50.4	51.0	51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.9	52.1
≥ 7000	19.9	51.4	51.9	52.4	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.5
≥ 6000	20.2	54.2	54.8	55.4	55.8	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.5	56.7
≥ 5000	21.1	56.0	56.7	57.5	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.5	58.7
≥ 4500	21.2	56.5	57.1	57.9	58.2	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.0	59.3
≥ 4000	21.9	58.5	59.4	60.3	60.6	60.7	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.6
≥ 3500	22.0	60.5	61.6	62.9	63.2	63.3	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	64.1	64.3
≥ 3000	22.1	61.8	63.5	64.8	65.2	65.3	65.3	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.2	66.4
≥ 2500	22.7	65.0	67.0	68.4	68.8	69.0	69.1	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1	70.4
≥ 2000	22.8	67.8	70.4	71.9	73.1	73.3	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.7
≥ 1800	22.8	69.4	72.2	74.1	75.3	75.5	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.8	77.0
≥ 1500	23.1	72.3	75.4	77.8	79.2	79.5	79.7	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.8	81.0
≥ 1200	23.1	74.1	77.9	80.5	82.3	82.6	82.9	83.4	83.7	83.8	84.0	84.0	84.0	84.0	84.3	84.5
≥ 1000	23.1	74.9	78.8	81.9	83.8	84.2	85.0	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.3	86.5
≥ 900	23.1	75.0	79.1	82.6	84.6	85.1	86.2	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.7	87.9
≥ 800	23.1	75.4	79.7	83.3	85.5	86.1	87.4	88.0	88.6	88.7	88.8	88.8	88.8	88.8	89.1	89.3
≥ 700	23.1	75.9	80.5	84.3	86.5	87.1	88.9	89.6	90.1	90.2	90.3	90.3	90.3	90.3	90.7	90.9
≥ 600	23.1	76.1	80.7	84.5	86.9	87.5	89.6	90.9	91.5	91.7	91.9	91.9	91.9	91.9	92.3	92.5
≥ 500	23.1	76.3	81.0	85.4	88.0	88.7	90.7	92.0	92.6	92.8	93.0	93.0	93.0	93.0	93.4	93.6
≥ 400	23.1	76.3	81.0	85.5	88.4	89.1	91.2	93.2	93.9	94.6	94.8	94.9	94.9	94.9	95.4	95.6
≥ 300	23.1	76.4	81.1	85.6	88.7	89.5	92.1	94.3	95.1	96.1	96.4	96.5	96.5	96.5	97.0	97.2
≥ 200	23.1	76.4	81.1	85.6	88.7	89.5	92.1	94.4	95.5	96.5	97.1	97.3	97.3	97.3	98.3	98.9
≥ 100	23.1	76.4	81.1	85.6	88.7	89.5	92.1	94.4	95.5	96.5	97.1	97.3	97.5	97.5	98.7	99.2
≥ 0	23.1	76.4	81.1	85.6	88.7	89.5	92.1	94.4	95.5	96.5	97.1	97.3	97.9	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.0	41.6	42.2	42.6	42.8	42.8	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.5
≥ 20000	14.0	42.1	42.6	43.1	43.2	43.2	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.8	44.0
≥ 18000	14.0	42.1	42.6	43.1	43.2	43.2	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.8	44.0
≥ 16000	14.0	42.1	42.6	43.1	43.2	43.2	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.8	44.0
≥ 14000	14.4	42.4	43.0	43.4	43.5	43.5	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.1	44.3
≥ 12000	14.5	43.1	43.7	44.1	44.2	44.2	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.8	45.0
≥ 10000	14.9	44.8	45.5	45.9	46.0	46.0	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.6	46.8
≥ 9000	14.9	45.2	45.9	46.4	46.5	46.5	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	47.0	47.3
≥ 8000	15.6	47.3	47.9	48.4	48.5	48.5	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.3
≥ 7000	15.8	48.5	49.2	49.6	49.7	49.7	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.5
≥ 6000	15.9	49.9	50.6	51.1	51.3	51.3	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	52.0	52.2
≥ 5000	16.7	52.7	53.5	54.0	54.3	54.3	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	55.0	55.2
≥ 4500	16.7	53.8	54.5	55.1	55.4	55.4	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	56.1	56.3
≥ 4000	17.2	55.8	56.7	57.5	58.2	58.4	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	59.0	59.3
≥ 3500	17.2	57.8	58.9	59.8	60.6	60.7	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.4	61.6
≥ 3000	17.3	59.5	61.1	62.1	63.3	63.4	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.5	64.8
≥ 2500	17.5	61.3	63.0	64.0	65.2	65.3	65.8	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.6	66.8
≥ 2000	18.0	63.7	65.5	66.9	68.5	68.7	69.2	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.3	70.5
≥ 1800	18.0	64.6	66.6	67.9	69.5	69.7	70.3	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.3	71.5
≥ 1500	18.1	68.6	71.0	72.8	74.5	74.7	75.8	76.2	76.3	76.7	76.9	76.9	76.9	76.9	77.1	77.3
≥ 1200	18.1	70.5	73.4	75.4	77.3	77.6	78.9	79.6	79.7	80.0	80.2	80.2	80.2	80.2	80.5	80.7
≥ 1000	18.1	72.8	76.0	78.1	80.1	80.6	82.3	82.9	83.1	83.5	83.8	83.8	83.8	83.8	84.3	84.5
≥ 900	18.1	73.5	77.0	79.7	82.2	82.8	84.6	85.3	85.4	85.9	86.2	86.2	86.2	86.2	86.6	86.9
≥ 800	18.1	74.2	77.7	80.4	83.1	83.7	85.6	86.5	86.6	87.1	87.4	87.4	87.4	87.4	87.9	88.1
≥ 700	18.1	74.9	78.5	81.1	84.2	85.1	87.0	88.0	88.1	88.6	88.9	88.9	88.9	88.9	89.3	89.6
≥ 600	18.1	75.2	78.8	81.6	85.1	86.1	88.2	89.8	90.0	90.6	90.9	90.9	90.9	90.9	91.4	91.6
≥ 500	18.1	75.2	79.2	82.2	85.9	87.1	89.9	91.7	92.1	92.7	93.4	93.4	93.4	93.4	93.8	94.1
≥ 400	18.1	75.2	79.2	82.2	86.1	87.3	90.5	92.8	93.3	93.9	94.6	94.6	94.6	94.8	95.3	95.5
≥ 300	18.1	75.4	79.5	82.4	86.6	87.9	91.0	93.4	94.1	94.8	95.8	96.0	96.1	96.3	97.0	97.3
≥ 200	18.1	75.4	79.5	82.4	86.6	87.9	91.1	93.5	94.2	95.1	96.3	96.6	96.7	97.0	97.9	98.5
≥ 100	18.1	75.4	79.5	82.4	86.6	87.9	91.1	93.5	94.2	95.1	96.3	96.6	97.1	97.3	98.3	99.0
≥ 0	18.1	75.4	79.5	82.4	86.6	87.9	91.1	93.5	94.2	95.1	96.3	96.6	97.1	97.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 891

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.7	34.2	36.3	37.3	38.1	38.3	38.9	38.9	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.7
≥ 20000	11.7	34.5	36.6	37.6	38.6	38.7	39.4	39.4	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.1
≥ 18000	11.7	34.5	36.6	37.6	38.6	38.7	39.4	39.4	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.1
≥ 16000	11.7	34.5	36.6	37.6	38.6	38.7	39.4	39.4	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.1
≥ 14000	12.0	34.8	36.9	37.9	38.9	39.0	39.7	39.7	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.5
≥ 12000	12.1	36.1	38.4	39.4	40.6	40.7	41.3	41.3	41.6	41.6	41.9	41.9	41.9	41.9	41.9	42.1
≥ 10000	12.8	38.7	41.3	42.3	43.8	43.9	44.5	44.5	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.3
≥ 9000	12.9	39.1	41.9	42.9	44.3	44.4	45.1	45.1	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.9
≥ 8000	13.2	41.0	44.0	45.0	46.4	46.5	47.2	47.2	47.4	47.4	47.7	47.7	47.7	47.7	47.7	48.0
≥ 7000	13.6	42.1	45.1	46.1	47.5	47.6	48.3	48.3	48.5	48.5	48.8	48.8	48.8	48.8	48.8	49.1
≥ 6000	14.0	44.1	47.2	48.2	49.6	49.7	50.4	50.4	50.6	50.6	50.9	50.9	50.9	50.9	50.9	51.2
≥ 5000	14.6	45.9	49.0	49.9	51.4	51.5	52.4	52.4	52.6	52.6	52.9	52.9	52.9	52.9	52.9	53.1
≥ 4500	14.7	47.0	50.1	51.2	52.7	52.8	53.7	53.7	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.5
≥ 4000	14.8	47.9	51.2	52.5	54.0	54.2	55.1	55.1	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.9
≥ 3500	14.9	49.2	52.8	54.1	55.8	56.0	56.9	56.9	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.7
≥ 3000	15.1	50.4	54.2	55.6	57.7	58.0	59.0	59.0	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.8
≥ 2500	15.3	53.1	57.4	59.1	61.2	61.6	62.7	62.7	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.5
≥ 2000	15.9	57.3	61.6	63.4	65.7	66.5	67.8	67.9	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.7
≥ 1800	15.9	58.7	63.5	65.4	67.7	68.7	70.0	70.1	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.9
≥ 1500	15.9	60.7	66.0	68.1	70.7	71.9	73.6	73.9	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.8
≥ 1200	16.1	63.3	69.0	71.4	74.1	75.6	77.7	77.9	78.2	78.4	78.8	78.8	78.8	78.8	78.8	79.1
≥ 1000	16.1	64.5	70.8	73.6	76.4	77.9	80.4	80.6	80.8	81.0	81.5	81.5	81.5	81.5	81.5	81.7
≥ 900	16.1	65.0	71.6	75.0	77.9	79.5	81.9	82.2	82.5	82.8	83.2	83.2	83.2	83.2	83.2	83.5
≥ 800	16.1	65.7	72.9	76.6	79.8	81.5	84.6	84.9	85.1	85.4	85.9	85.9	85.9	85.9	85.9	86.1
≥ 700	16.1	66.3	73.6	77.9	81.6	83.2	86.4	87.1	87.4	87.9	88.4	88.4	88.4	88.4	88.4	88.6
≥ 600	16.1	66.6	74.1	78.8	82.7	84.5	87.9	88.6	89.1	89.5	90.2	90.2	90.3	90.3	90.3	90.5
≥ 500	16.1	67.0	75.0	79.8	84.0	86.3	90.0	90.8	91.5	92.1	93.2	93.3	93.4	93.4	93.4	93.6
≥ 400	16.1	67.3	75.2	80.2	84.9	87.2	91.2	92.3	93.6	94.3	95.4	95.5	95.7	95.7	95.7	95.9
≥ 300	16.1	67.3	75.2	80.4	85.1	87.5	91.7	92.8	94.2	95.0	96.4	96.6	96.9	97.0	97.1	97.4
≥ 200	16.1	67.3	75.2	80.4	85.1	87.5	91.7	92.8	94.3	95.5	97.0	97.5	98.1	98.2	98.3	98.7
≥ 100	16.1	67.3	75.2	80.4	85.1	87.5	91.7	92.8	94.3	95.5	97.1	97.6	98.5	98.6	98.7	99.4
≥ 0	16.1	67.3	75.2	80.4	85.1	87.5	91.7	92.8	94.3	95.5	97.1	97.6	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 907

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.4	37.6	39.0	39.7	40.4	40.7	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3
≥ 20000	17.6	39.3	40.9	41.5	42.5	42.7	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4
≥ 18000	17.8	39.6	41.1	41.7	42.7	43.0	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6
≥ 16000	17.8	39.6	41.1	41.7	42.7	43.0	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6
≥ 14000	18.1	39.9	41.4	42.1	43.1	43.3	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9
≥ 12000	18.3	40.7	42.3	43.0	43.9	44.2	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8
≥ 10000	19.3	43.3	44.9	45.6	46.6	46.8	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4
≥ 9000	19.5	43.6	45.2	45.9	46.9	47.1	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8
≥ 8000	19.9	45.1	46.8	47.4	48.5	48.7	49.2	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7
≥ 7000	19.9	45.7	47.3	48.0	49.1	49.3	49.7	49.8	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 6000	20.0	46.9	48.6	49.6	50.7	50.9	51.4	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.9
≥ 5000	20.4	48.4	50.4	51.5	52.7	52.9	53.4	53.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 4500	20.8	49.7	51.7	53.0	54.2	54.4	55.0	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6
≥ 4000	21.0	50.9	53.1	54.8	56.2	56.4	56.9	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 3500	21.1	51.7	54.0	56.0	57.6	57.9	58.5	58.6	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 3000	21.4	52.9	55.4	57.4	59.5	59.8	60.4	60.7	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 2500	22.2	55.5	58.1	60.4	62.7	63.1	63.7	63.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 2000	23.1	59.1	62.3	64.7	67.5	67.9	68.7	69.0	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 1800	23.3	59.8	63.1	65.7	68.5	68.9	69.8	70.3	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 1500	23.7	62.8	66.3	69.3	72.6	73.0	74.2	74.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	76.0
≥ 1200	23.8	64.6	68.6	72.2	75.5	76.3	78.0	78.7	79.7	80.1	80.1	80.2	80.2	80.2	80.2	80.3
≥ 1000	23.9	65.8	70.3	74.4	78.1	79.1	81.0	82.1	83.1	83.5	83.5	83.6	83.6	83.6	83.6	83.7
≥ 900	23.9	66.4	70.9	75.6	79.9	81.0	83.0	84.0	85.1	85.8	85.9	86.0	86.0	86.0	86.0	86.1
≥ 800	23.9	66.6	71.4	76.2	80.5	81.7	84.2	85.7	86.8	87.4	88.1	88.2	88.2	88.2	88.2	88.3
≥ 700	23.9	66.8	72.0	77.0	81.9	83.4	85.9	87.4	88.5	89.3	90.1	90.3	90.4	90.4	90.4	90.5
≥ 600	23.9	66.9	72.2	77.3	82.4	83.9	86.8	88.4	89.8	90.6	91.4	91.6	91.7	91.7	91.8	91.9
≥ 500	23.9	67.1	72.5	77.6	83.0	84.5	88.0	90.2	91.6	92.6	93.4	93.7	94.1	94.2	94.3	94.4
≥ 400	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.1	93.0	94.2	95.4	95.6	96.3	96.4	96.6	96.7
≥ 300	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.4	93.3	94.5	96.0	96.3	97.2	97.4	98.0	98.1
≥ 200	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.4	93.3	94.8	96.3	96.8	97.7	98.3	99.0	99.2
≥ 100	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.4	93.3	94.8	96.3	96.9	97.8	98.5	99.3	99.8
≥ 0	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.4	93.3	94.8	96.3	96.9	97.8	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 915

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.3	40.9	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	25.0	43.4	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 18000	25.1	43.5	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000	25.1	43.5	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 14000	25.6	44.2	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 12000	27.1	47.3	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	28.3	49.7	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000	28.4	50.2	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 8000	28.9	52.1	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 7000	29.4	53.2	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 6000	29.6	53.8	54.4	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 5000	29.9	54.2	55.1	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 4500	30.2	55.0	55.8	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000	30.6	56.5	57.4	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 3500	30.6	56.8	58.0	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3000	31.1	58.9	60.3	61.1	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 2500	32.6	62.7	64.2	65.0	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2000	33.4	66.2	67.9	68.7	70.2	70.5	70.7	70.7	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4
≥ 1800	34.3	68.4	70.5	71.7	73.2	73.6	73.8	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4
≥ 1500	34.6	71.0	74.0	75.4	76.9	77.4	77.8	77.8	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5
≥ 1200	34.9	73.4	76.7	78.3	80.7	81.1	81.6	81.6	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4
≥ 1000	35.0	74.2	77.8	79.8	82.5	83.2	83.7	83.8	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2
≥ 900	35.0	74.4	78.1	80.3	83.2	83.8	84.5	84.8	86.2	86.4	86.8	86.9	86.9	86.9	86.9	86.9
≥ 800	35.1	74.6	78.5	80.8	83.6	84.6	85.6	85.9	87.3	87.5	87.9	88.0	88.0	88.0	88.0	88.0
≥ 700	35.1	75.0	79.1	81.4	84.3	85.5	86.4	87.0	88.5	88.7	89.5	89.6	89.7	89.7	89.7	89.7
≥ 600	35.1	75.4	79.8	82.1	85.1	86.6	88.0	88.6	90.2	90.8	91.8	92.0	92.2	92.5	92.6	92.6
≥ 500	35.1	75.6	80.0	82.4	85.7	87.2	89.4	90.3	91.8	92.5	93.6	93.8	94.2	94.4	94.6	94.6
≥ 400	35.1	75.8	80.2	82.7	86.0	87.5	90.4	91.5	93.2	94.4	95.6	95.8	96.4	96.6	96.8	96.8
≥ 300	35.1	75.8	80.2	82.7	86.0	87.5	90.5	91.6	93.3	94.8	96.1	96.7	97.3	97.6	97.8	97.9
≥ 200	35.1	75.8	80.2	82.7	86.0	87.5	90.5	91.6	93.3	94.9	96.3	97.0	98.1	98.7	99.0	99.1
≥ 100	35.1	75.8	80.2	82.7	86.0	87.5	90.5	91.6	93.3	94.9	96.4	97.2	98.3	98.9	99.3	99.8
≥ 0	35.1	75.8	80.2	82.7	86.0	87.5	90.5	91.6	93.3	94.9	96.4	97.2	98.3	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥[illegible]	≥¼	≥0
NO CEILING	25.7	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	27.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 18000	27.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 16000	27.2	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	27.9	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 12000	29.1	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 10000	32.0	51.4	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	32.5	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 8000	34.0	55.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 7000	34.4	56.8	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 6000	35.2	58.0	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000	35.4	58.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4500	35.6	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4000	36.3	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	36.3	61.3	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3000	37.3	64.2	66.1	66.1	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	37.7	67.4	69.7	69.8	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 2000	38.3	70.7	73.1	73.6	74.0	74.4	74.9	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1800	38.5	72.1	74.8	75.3	75.8	76.3	76.7	77.0	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	38.8	74.2	77.3	78.1	78.9	79.5	80.1	80.4	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	38.8	75.7	79.5	80.4	81.4	82.1	82.8	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1000	38.8	76.4	80.7	82.3	83.3	84.0	85.0	85.4	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2
≥ 900	38.8	76.5	80.9	82.7	83.9	84.8	85.8	86.4	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	38.8	76.6	81.4	83.4	85.0	86.1	87.2	87.9	88.5	89.1	89.5	89.6	89.8	89.8	89.8	89.8
≥ 700	38.8	76.8	81.6	83.6	85.4	86.8	88.2	89.1	89.7	90.3	90.9	91.0	91.3	91.3	91.3	91.3
≥ 600	38.8	77.0	81.9	83.8	86.0	87.5	89.7	90.6	91.4	91.9	93.0	93.2	93.6	93.7	93.7	93.7
≥ 500	38.8	77.0	82.0	84.2	86.4	88.0	90.7	91.7	92.9	93.4	94.5	94.8	95.1	95.2	95.2	95.2
≥ 400	38.8	77.0	82.0	84.4	86.7	88.2	91.4	92.7	93.9	94.8	96.3	96.5	96.8	96.9	96.9	96.9
≥ 300	38.8	77.0	82.0	84.4	86.7	88.4	91.7	93.2	94.4	95.4	97.4	97.6	97.9	98.0	98.1	98.1
≥ 200	38.8	77.0	82.0	84.4	86.7	88.4	92.0	93.6	94.8	95.7	97.8	98.1	98.7	98.8	98.9	98.9
≥ 100	38.8	77.0	82.0	84.4	86.7	88.4	92.0	93.6	94.9	95.8	97.9	98.3	98.8	98.9	99.5	100.0
≥ 0	38.8	77.0	82.0	84.4	86.7	88.4	92.0	93.6	94.9	95.8	97.9	98.3	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 915

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,76-79 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.1	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000	19.3	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 18000	19.3	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	19.3	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000	19.7	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 12000	19.7	47.6	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 10000	21.0	51.4	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 9000	21.1	52.2	52.7	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
≥ 8000	21.9	55.0	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000	22.5	56.8	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	57.7
≥ 6000	23.4	59.0	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 5000	23.8	60.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4500	23.8	61.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	24.2	63.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 3500	24.3	65.2	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3000	24.3	67.8	69.5	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2500	24.5	71.8	73.7	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	24.6	74.3	76.6	77.1	77.7	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	24.6	75.4	77.9	78.6	79.3	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	24.8	77.6	80.7	81.4	82.3	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	25.0	78.5	81.8	83.1	84.1	84.8	85.1	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	25.2	79.0	82.5	83.9	85.5	86.4	86.9	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	25.2	79.8	83.5	85.2	86.9	88.0	88.6	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	25.2	80.0	84.1	86.0	88.3	89.5	90.2	90.6	90.6	91.2	91.2	91.2	91.4	91.5	91.6	91.6
≥ 700	25.2	80.0	84.2	86.3	88.8	90.2	91.3	92.2	92.4	93.0	93.0	93.0	93.3	93.4	93.5	93.5
≥ 600	25.2	80.0	84.2	86.3	89.0	90.3	91.4	92.4	92.7	93.4	93.4	93.4	93.6	93.7	93.8	93.8
≥ 500	25.2	80.0	84.2	86.7	89.4	90.7	92.3	93.7	94.1	94.8	94.8	94.8	95.0	95.1	95.2	95.2
≥ 400	25.2	80.0	84.2	86.9	89.7	91.0	92.7	94.5	94.9	95.7	95.9	95.9	96.1	96.2	96.5	96.5
≥ 300	25.2	80.0	84.2	86.9	89.7	91.2	93.3	95.1	95.7	96.7	97.0	97.1	97.3	97.5	97.7	98.0
≥ 200	25.2	80.0	84.2	86.9	89.7	91.2	93.3	95.1	95.7	97.1	97.8	98.1	98.3	98.6	98.8	99.3
≥ 100	25.2	80.0	84.2	86.9	89.7	91.2	93.3	95.1	95.7	97.1	97.8	98.1	98.3	98.7	98.9	99.7
≥ 0	25.2	80.0	84.2	86.9	89.7	91.2	93.3	95.1	95.7	97.1	97.9	98.2	98.5	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 905

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.4	44.6	45.0	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	17.4	45.7	46.1	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 18000	17.4	45.7	46.1	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 16000	17.4	45.7	46.1	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 14000	17.4	46.0	46.4	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	17.7	47.0	47.4	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000	17.8	48.2	48.7	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	17.9	49.1	49.6	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	18.7	51.4	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 7000	19.3	53.7	54.1	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 6000	20.2	56.0	56.6	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 5000	20.6	57.3	58.1	58.3	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 4500	20.7	58.2	59.2	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4000	21.1	59.9	61.0	61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3500	21.2	61.9	63.1	63.8	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3000	21.3	63.6	65.1	65.8	66.3	66.3	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	21.9	67.8	69.8	70.8	71.6	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	22.2	71.3	73.9	75.4	76.3	76.6	76.9	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	22.3	73.6	76.8	78.4	79.4	79.7	80.0	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	22.3	77.3	81.0	82.8	83.8	84.0	84.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	22.4	77.7	81.6	83.3	84.8	85.2	85.7	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	22.4	77.8	81.7	83.8	85.4	86.0	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	22.4	78.3	82.2	84.8	86.4	87.0	87.9	88.0	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6
≥ 800	22.4	78.6	82.4	85.2	86.9	87.6	88.6	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 700	22.4	79.2	83.2	86.6	89.1	89.8	91.3	91.6	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 600	22.4	79.3	83.4	86.9	89.4	90.2	91.8	92.3	93.0	93.0	93.0	93.1	93.3	93.3	93.3	93.3
≥ 500	22.4	79.3	83.6	87.3	90.1	90.9	92.7	93.3	94.0	94.0	94.1	94.2	94.4	94.4	94.4	94.4
≥ 400	22.4	79.3	83.6	87.4	90.3	91.1	93.0	94.2	95.2	95.6	95.7	95.9	96.1	96.1	96.1	96.1
≥ 300	22.4	79.3	83.6	87.4	90.3	91.2	93.2	94.8	95.9	96.4	96.7	96.9	97.3	97.3	97.3	97.9
≥ 200	22.4	79.3	83.6	87.4	90.3	91.2	93.3	95.0	96.2	97.0	97.2	97.9	98.6	98.9	99.0	99.6
≥ 100	22.4	79.3	83.6	87.4	90.3	91.2	93.3	95.0	96.2	97.0	97.2	97.9	98.6	98.9	99.0	99.6
≥ 0	22.4	79.3	83.6	87.4	90.3	91.2	93.3	95.1	96.3	97.3	97.7	98.3	99.0	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.3	41.1	41.8	42.2	42.4	42.5	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.9	43.0
≥ 20000	18.8	42.4	43.2	43.6	43.9	43.9	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.4
≥ 18000	18.8	42.5	43.3	43.6	43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.4
≥ 16000	18.8	42.5	43.3	43.6	43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.5
≥ 14000	19.1	43.0	43.8	44.1	44.4	44.5	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.9	45.0
≥ 12000	19.6	44.4	45.3	45.6	45.9	46.0	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 10000	20.6	47.0	47.9	48.3	48.6	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.2
≥ 9000	20.8	47.6	48.6	48.9	49.3	49.3	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8
≥ 8000	21.5	49.7	50.7	51.1	51.5	51.5	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.1
≥ 7000	21.9	51.0	52.1	52.5	52.9	52.9	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4
≥ 6000	22.4	52.7	53.9	54.3	54.7	54.8	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3
≥ 5000	22.8	54.2	55.4	56.0	56.4	56.5	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.1
≥ 4500	23.0	55.0	56.3	56.9	57.4	57.4	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0
≥ 4000	23.4	56.6	58.1	58.8	59.4	59.5	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1
≥ 3500	23.5	58.0	59.7	60.6	61.3	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
≥ 3000	23.8	59.9	61.9	62.8	63.8	63.9	64.2	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7
≥ 2500	24.3	63.1	65.4	66.4	67.5	67.7	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	69.5	68.6
≥ 2000	24.8	66.3	68.9	70.2	71.6	72.0	72.5	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.3
≥ 1800	25.0	67.7	70.6	72.1	73.6	74.0	74.5	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.4
≥ 1500	25.2	70.6	74.0	75.7	77.4	77.8	78.6	78.8	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.6
≥ 1200	25.3	72.2	76.0	78.1	80.0	80.6	81.6	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.7	82.8
≥ 1000	25.4	73.2	77.3	79.7	81.9	82.7	83.8	84.3	84.7	84.9	85.1	85.1	85.1	85.1	85.2	85.3
≥ 900	25.4	73.6	77.9	80.7	83.1	84.0	85.3	85.8	86.3	86.7	86.9	86.9	86.9	86.9	87.0	87.1
≥ 800	25.4	73.9	78.5	81.5	84.1	85.1	86.7	87.3	87.8	88.2	88.5	88.5	88.6	88.6	88.7	88.8
≥ 700	25.4	74.3	79.1	82.3	85.2	86.4	88.2	89.0	89.6	90.0	90.4	90.5	90.6	90.6	90.7	90.8
≥ 600	25.4	74.6	79.4	82.6	85.8	87.1	89.2	90.2	91.0	91.4	91.9	92.0	92.2	92.3	92.4	92.5
≥ 500	25.4	74.7	79.7	83.2	86.5	87.9	90.4	91.7	92.6	93.1	93.8	93.9	94.1	94.2	94.3	94.4
≥ 400	25.4	74.8	79.8	83.4	86.9	88.3	91.1	92.8	93.9	94.7	95.5	95.6	95.9	96.0	96.2	96.3
≥ 300	25.4	74.8	79.8	83.5	87.1	88.5	91.5	93.3	94.5	95.5	96.5	96.7	97.1	97.2	97.5	97.7
≥ 200	25.4	74.8	79.8	83.5	87.1	88.5	91.6	93.4	94.7	95.8	97.0	97.4	98.0	98.2	98.7	99.0
≥ 100	25.4	74.8	79.8	83.5	87.1	88.5	91.6	93.4	94.7	95.8	97.0	97.5	98.1	98.4	99.0	99.6
≥ 0	25.4	74.8	79.8	83.5	87.1	88.5	91.6	93.4	94.7	95.9	97.1	97.6	98.2	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7239

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.1	53.1	53.7	54.0	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	21.1	53.9	54.5	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	21.1	53.9	54.5	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	21.1	53.9	54.5	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	21.4	54.1	54.8	55.0	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	21.4	56.1	56.7	57.0	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	21.8	57.0	57.7	57.9	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 9000	21.8	57.4	58.1	58.3	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	21.9	59.1	59.8	60.0	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	22.1	60.4	61.1	61.6	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000	22.9	62.3	62.9	63.4	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	22.9	63.6	64.2	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4500	22.9	64.9	65.8	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	22.9	67.1	68.3	69.1	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3500	23.2	68.9	70.2	71.0	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3000	24.0	71.3	72.9	73.7	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2500	24.1	72.6	74.3	75.1	75.5	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	24.2	75.1	76.9	77.9	78.5	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	24.4	75.8	77.6	78.5	79.2	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	24.6	77.6	79.4	81.0	81.8	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	24.6	78.9	80.9	82.7	83.9	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	24.9	79.6	81.8	83.9	85.1	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 900	24.9	80.5	82.8	85.1	86.6	88.1	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	24.9	81.9	84.1	86.4	87.9	89.4	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 700	24.9	82.2	84.9	87.4	89.3	90.7	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	24.9	82.3	85.1	87.8	89.9	91.3	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	24.9	82.8	85.8	89.0	91.7	93.4	94.0	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	24.9	83.1	86.1	89.3	92.3	94.5	95.5	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	24.9	83.1	86.1	89.3	92.4	94.6	95.9	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.9	97.9
≥ 200	24.9	83.1	86.1	89.4	92.5	94.8	96.1	97.2	97.4	97.8	97.9	97.9	97.9	98.0	98.3	98.7
≥ 100	24.9	83.1	86.1	89.4	92.5	94.9	96.5	97.6	98.0	98.4	98.6	98.6	98.6	98.7	99.0	99.5
≥ 0	24.9	83.1	86.1	89.4	92.5	94.9	96.5	97.6	98.0	98.4	98.6	98.6	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-77 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.6	47.6	48.4	48.8	49.9	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	17.6	48.2	49.0	49.3	50.4	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	17.6	48.2	49.0	49.3	50.4	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	17.6	48.2	49.0	49.3	50.4	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000	17.6	48.2	49.0	49.3	50.4	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 12000	17.6	49.1	49.9	50.3	51.3	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	18.4	51.0	51.8	52.2	53.3	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	18.4	51.3	52.2	52.6	53.7	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 8000	18.4	52.9	53.9	54.3	55.4	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 7000	18.5	54.3	55.5	55.9	57.0	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	19.3	55.6	56.8	57.6	58.7	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 5000	19.6	58.5	59.8	60.6	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4500	19.7	59.6	61.0	61.8	63.0	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4000	19.7	61.4	62.9	63.8	65.0	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 3500	19.8	63.3	64.7	65.6	66.9	67.2	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3000	20.2	65.1	66.7	67.7	69.0	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500	20.7	68.6	70.3	71.4	72.7	73.1	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.8	73.9
≥ 2000	21.4	71.9	73.8	75.2	76.6	77.2	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.8	78.0
≥ 1800	21.7	73.1	74.9	76.4	78.0	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	79.1	79.3
≥ 1500	22.2	75.7	77.8	79.3	81.2	81.9	82.2	82.3	82.3	82.8	82.8	82.8	82.8	82.8	83.1	83.2
≥ 1200	22.2	76.5	78.9	80.6	82.9	83.7	84.0	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.9	85.0
≥ 1000	22.3	76.9	79.4	81.5	84.0	84.8	85.0	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.4	86.5
≥ 900	22.3	77.8	80.7	83.1	85.6	86.4	86.7	87.3	87.3	87.8	87.8	87.8	87.8	87.8	88.1	88.2
≥ 800	22.3	78.3	81.2	83.9	86.5	87.3	87.7	88.2	88.2	88.8	88.8	88.8	88.8	88.8	89.4	89.5
≥ 700	22.3	78.3	81.2	84.0	87.0	87.8	88.2	89.0	89.0	89.8	89.8	89.8	89.8	89.8	90.3	90.4
≥ 600	22.3	78.6	81.5	84.5	88.2	89.0	89.4	90.2	90.2	91.1	91.1	91.1	91.1	91.1	91.6	91.7
≥ 500	22.3	79.1	82.7	85.8	90.2	91.1	91.7	92.7	92.7	93.7	93.7	93.7	93.7	93.7	94.2	94.4
≥ 400	22.3	79.3	82.8	86.0	90.9	92.0	92.8	93.7	93.8	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 300	22.3	79.3	82.9	86.1	91.7	92.8	93.6	94.9	95.1	96.9	96.9	96.9	96.9	96.9	97.5	97.6
≥ 200	22.3	79.3	82.9	86.1	91.7	92.8	93.7	95.0	95.5	97.2	97.2	97.2	97.2	97.5	98.2	98.8
≥ 100	22.3	79.3	82.9	86.1	91.7	92.9	94.0	95.3	96.1	97.8	97.9	97.9	98.0	98.3	99.0	99.6
≥ 0	22.3	79.3	82.9	86.1	91.7	92.9	94.0	95.3	96.1	97.8	97.9	97.9	98.0	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.7	45.3	47.2	48.6	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.6	49.6	49.8	50.0
≥ 20000	14.8	46.3	48.2	49.9	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	51.1	51.1	51.2	51.4
≥ 18000	14.8	46.3	48.2	49.9	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	51.1	51.1	51.2	51.4
≥ 16000	14.8	46.3	48.2	49.9	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	51.1	51.1	51.2	51.4
≥ 14000	14.9	46.4	48.3	50.0	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	51.2	51.2	51.3	51.5
≥ 12000	15.0	46.9	48.8	50.5	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.7	51.7	51.8	52.0
≥ 10000	15.5	49.3	51.2	52.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.4	54.6
≥ 9000	15.6	49.4	51.3	53.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.5	54.5	54.6	54.9
≥ 8000	16.1	51.4	53.4	55.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.8	57.0
≥ 7000	16.5	52.4	54.6	56.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	57.9	58.2
≥ 6000	16.5	53.1	55.5	57.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.9	58.9	59.0	59.2
≥ 5000	16.7	55.0	57.7	59.7	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.7	62.0
≥ 4500	17.1	56.4	59.7	62.2	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.3	64.6
≥ 4000	17.2	57.9	61.5	64.2	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.7	66.7	66.8	67.1
≥ 3500	17.2	58.6	62.2	64.9	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.5	67.9
≥ 3000	17.4	60.1	63.6	66.4	68.4	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.3	69.3	69.4	69.8
≥ 2500	17.7	62.8	66.6	69.7	71.7	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.7	72.7	72.9	73.3
≥ 2000	18.1	65.3	69.2	72.4	74.6	75.0	75.4	75.6	75.6	75.6	75.6	75.6	75.9	75.9	76.1	76.5
≥ 1800	18.4	66.5	70.7	74.3	76.7	77.0	77.4	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.1	78.6
≥ 1500	18.5	68.2	72.7	76.7	79.5	80.0	80.3	80.7	80.8	80.8	80.8	80.8	81.2	81.2	81.3	81.8
≥ 1200	18.5	69.4	74.2	78.1	81.0	81.8	82.1	82.7	82.8	82.8	82.8	82.8	83.2	83.2	83.3	83.8
≥ 1000	18.5	69.9	74.9	79.1	82.7	83.4	83.8	84.4	84.6	85.0	85.1	85.1	85.4	85.4	85.5	86.0
≥ 900	18.5	70.5	75.5	79.9	83.4	84.1	84.6	85.2	85.4	85.8	85.9	85.9	86.3	86.3	86.4	86.8
≥ 800	18.5	70.6	75.6	80.1	83.9	84.6	85.1	85.8	86.0	86.4	86.5	86.5	86.8	86.8	87.0	87.4
≥ 700	18.5	70.7	75.9	80.5	84.5	85.2	85.8	86.5	86.7	87.2	87.3	87.3	87.8	87.8	87.9	88.4
≥ 600	18.5	71.1	76.8	81.4	85.9	86.7	87.4	88.2	88.5	89.0	89.1	89.1	89.6	89.6	89.7	90.2
≥ 500	18.6	71.7	77.7	82.6	87.2	88.0	89.6	90.6	91.0	91.5	91.6	91.6	92.1	92.1	92.2	92.7
≥ 400	18.6	71.9	78.0	83.2	88.0	89.1	91.1	92.5	92.9	94.0	94.2	94.3	94.9	95.0	95.1	95.6
≥ 300	18.6	71.9	78.0	83.2	88.3	89.3	91.4	93.2	93.7	94.9	95.3	95.4	96.1	96.3	96.6	97.2
≥ 200	18.6	71.9	78.0	83.2	88.3	89.5	91.5	93.6	94.1	95.6	96.2	96.4	97.4	97.6	98.5	99.3
≥ 100	18.6	71.9	78.0	83.2	88.3	89.5	91.5	93.7	94.2	95.7	96.3	96.6	97.5	97.9	98.7	99.8
≥ 0	18.6	71.9	78.1	83.2	88.3	89.5	91.5	93.7	94.2	95.7	96.3	96.6	97.5	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 841

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72424	FT KNOX/GODMAN AAF KY	65-70,75-78	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.7	45.0	46.3	48.0	48.2	48.2	48.3	48.6	48.7	48.7	48.7	48.7	48.8	48.6	48.8	48.8
≥ 20000	22.8	46.5	48.0	49.8	50.0	50.0	50.1	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 18000	22.8	46.5	48.0	49.8	50.0	50.0	50.1	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 16000	22.8	46.5	48.0	49.8	50.0	50.0	50.1	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 14000	22.8	46.8	48.3	50.1	50.4	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
≥ 12000	23.8	48.2	49.9	51.7	52.0	52.0	52.1	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
≥ 10000	24.2	50.2	51.9	53.7	54.0	54.0	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
≥ 9000	24.3	50.6	52.2	54.0	54.5	54.5	54.6	54.8	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 8000	24.7	53.1	54.8	56.6	57.2	57.2	57.3	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
≥ 7000	25.8	55.1	56.9	58.7	59.5	59.5	59.6	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 6000	25.9	55.7	57.6	59.6	60.4	60.4	60.5	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 5000	26.4	56.9	59.0	61.0	61.8	61.8	61.9	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
≥ 4500	26.5	57.4	59.7	62.3	63.2	63.2	63.4	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 4000	26.6	58.5	61.2	63.9	65.1	65.2	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 3500	27.0	59.6	62.5	65.2	66.4	66.5	66.8	67.0	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3
≥ 3000	27.2	60.8	63.8	66.5	67.8	68.0	68.2	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
≥ 2500	27.7	62.8	66.1	69.1	70.6	70.7	71.2	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 2000	28.7	66.3	69.6	72.9	74.3	74.5	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 1800	28.8	67.1	70.8	74.3	75.9	76.0	76.6	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 1500	29.1	69.1	73.0	76.8	78.4	78.6	79.2	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 1200	29.4	70.6	74.6	78.6	80.5	80.9	81.6	81.8	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2
≥ 1000	29.4	71.9	76.4	81.0	83.3	83.8	84.6	85.0	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 900	29.4	72.0	76.6	81.3	83.8	84.5	85.6	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 800	29.4	72.3	77.0	81.7	84.5	85.3	86.5	87.4	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 700	29.4	72.5	77.1	82.4	85.7	86.5	87.9	88.9	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 600	29.4	73.0	77.9	83.5	86.9	87.9	89.6	90.7	90.9	91.1	91.1	91.1	91.4	91.4	91.5	91.5
≥ 500	29.7	73.5	78.4	84.0	87.5	88.9	91.1	92.4	92.8	93.0	93.1	93.1	93.4	93.4	93.5	93.5
≥ 400	29.8	73.6	78.6	84.4	88.1	89.7	92.8	94.3	95.0	95.4	95.7	96.1	96.5	96.5	96.6	96.6
≥ 300	29.8	73.6	78.6	84.4	88.4	90.2	93.4	95.5	96.5	96.8	97.5	97.9	98.2	98.3	98.5	98.5
≥ 200	29.8	73.6	78.7	84.5	88.5	90.3	93.5	95.6	96.6	97.0	97.8	98.2	98.9	99.2	99.4	99.4
≥ 100	29.8	73.6	78.7	84.5	88.5	90.3	93.5	95.6	96.6	97.0	97.9	98.3	99.1	99.3	99.6	100.0
≥ 0	29.8	73.6	78.7	84.5	88.5	90.3	93.5	95.6	96.6	97.0	97.9	98.3	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.8	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	32.6	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	32.6	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	32.6	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	32.6	53.4	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	53.8
≥ 12000	33.6	54.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	34.6	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	34.9	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 8000	35.1	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	35.3	60.0	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 6000	35.7	60.9	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 5000	35.7	61.6	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500	35.8	62.6	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4000	36.2	64.2	64.8	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	36.3	65.1	66.3	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000	37.2	67.1	68.3	69.1	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2500	38.8	70.6	72.0	72.9	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2000	40.0	75.2	77.3	78.4	78.8	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1800	40.0	76.4	78.8	80.1	80.7	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1500	40.2	77.5	80.3	81.9	82.5	82.7	82.9	83.1	83.1	83.5	83.5	83.6	83.6	83.6	83.6	83.6
≥ 1200	40.7	79.9	83.2	85.0	85.7	85.9	86.1	86.3	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8
≥ 1000	40.7	81.2	85.0	87.2	88.3	88.5	88.7	88.9	88.9	89.2	89.2	89.4	89.4	89.4	89.4	89.4
≥ 900	40.8	81.9	85.9	88.4	89.8	90.1	90.3	90.5	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0
≥ 800	40.8	82.4	86.4	89.0	90.9	91.1	91.4	91.6	91.6	92.0	92.1	92.2	92.2	92.2	92.2	92.2
≥ 700	40.8	82.7	86.9	90.0	92.1	92.3	92.8	93.1	93.3	93.6	93.7	93.9	93.9	93.9	93.9	93.9
≥ 600	40.8	83.0	87.1	90.2	92.6	92.8	93.3	94.0	94.1	94.4	94.6	94.7	94.7	94.7	94.8	94.8
≥ 500	40.8	83.3	87.5	90.7	93.0	93.4	94.0	94.9	95.0	95.4	95.5	95.6	95.7	95.7	95.9	95.9
≥ 400	40.8	83.5	87.6	91.0	93.6	94.1	95.0	96.1	96.3	97.2	97.3	97.4	97.5	97.5	97.6	97.6
≥ 300	40.8	83.5	87.6	91.0	93.9	94.3	95.7	97.0	97.3	98.1	98.3	98.6	98.7	98.8	98.9	98.9
≥ 200	40.8	83.5	87.6	91.0	93.9	94.3	95.9	97.4	97.8	98.7	98.9	99.2	99.4	99.6	99.9	99.9
≥ 100	40.8	83.5	87.6	91.0	93.9	94.3	95.9	97.4	97.8	98.7	98.9	99.3	99.5	99.8	100.0	100.0
≥ 0	40.8	83.5	87.6	91.0	93.9	94.3	95.9	97.4	97.8	98.7	98.9	99.3	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	36.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	36.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	36.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	36.1	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	56.9
≥ 12000	36.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 10000	38.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	39.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	39.8	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	40.0	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	40.0	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	40.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	[illegible].9	64.9	64.9	64.9
≥ 4500	40.7	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000	41.3	67.6	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3500	42.0	69.7	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000	43.3	72.2	72.6	72.6	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500	44.1	75.8	76.4	76.7	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	44.7	79.9	80.7	81.7	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1800	44.7	80.6	81.6	82.5	82.7	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1500	44.9	81.6	83.2	84.4	84.8	85.0	85.2	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 1200	45.1	83.1	85.7	87.4	87.9	88.2	88.5	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1000	45.4	83.9	86.8	88.5	89.2	89.5	90.0	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 900	45.4	84.2	87.0	88.8	89.7	90.1	90.9	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 800	45.5	84.5	87.5	89.2	90.5	90.9	91.7	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 700	45.5	84.6	87.7	89.6	90.9	91.4	92.2	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 600	45.5	84.9	87.9	89.8	91.1	91.6	92.7	93.3	93.5	93.9	93.9	94.0	94.4	94.4	94.7	94.7
≥ 500	45.5	85.0	88.3	90.3	91.6	92.2	93.9	94.7	94.9	95.6	95.9	96.0	96.5	96.5	96.7	96.7
≥ 400	45.5	85.1	88.7	91.0	92.4	93.1	95.0	95.9	96.2	97.0	97.6	97.8	98.3	98.3	98.6	98.7
≥ 300	45.5	85.1	88.7	91.0	92.6	93.3	95.2	96.0	96.3	97.3	97.9	98.0	98.8	98.8	99.1	99.2
≥ 200	45.5	85.1	88.7	91.0	92.6	93.3	95.2	96.1	96.5	97.5	98.2	98.3	99.2	99.2	99.6	99.9
≥ 100	45.5	85.1	88.7	91.0	92.6	93.3	95.2	96.1	96.5	97.5	98.2	98.3	99.3	99.3	99.8	100.0
≥ 0	45.5	85.1	88.7	91.0	92.6	93.3	95.2	96.1	96.5	97.5	98.2	98.3	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.5	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	27.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	27.4	57.4	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	57.8
≥ 16000	27.4	57.4	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	57.8
≥ 14000	27.4	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
≥ 12000	27.5	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	28.4	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 9000	28.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	29.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	29.4	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	29.7	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	29.9	67.4	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	30.4	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	30.6	70.3	70.7	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
≥ 3500	30.7	72.3	72.7	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
≥ 3000	31.1	73.9	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	31.8	75.8	76.6	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	31.9	77.9	79.0	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	31.9	78.7	79.8	81.0	81.3	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	32.0	80.6	81.9	83.3	83.9	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1200	32.2	82.4	84.3	86.8	87.4	87.7	88.2	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7
≥ 1000	32.3	83.2	85.3	87.8	88.5	88.9	89.4	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 900	32.3	83.3	85.7	88.3	89.1	89.5	90.0	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 800	32.3	83.6	85.9	88.7	89.8	90.2	90.8	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 700	32.3	83.6	85.9	88.7	90.0	90.3	90.9	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7
≥ 600	32.3	83.9	86.3	89.1	90.7	91.1	91.7	92.3	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 500	32.3	84.0	86.4	89.4	91.0	91.7	93.0	93.6	93.7	94.0	94.2	94.2	94.3	94.3	94.3	94.3
≥ 400	32.3	84.0	86.5	89.6	91.7	92.7	94.4	95.3	95.5	95.9	96.2	96.2	96.6	96.9	97.2	97.2
≥ 300	32.3	84.0	86.5	89.6	91.8	92.8	94.8	95.6	96.0	96.3	96.8	96.8	97.3	97.6	97.9	98.0
≥ 200	32.3	84.0	86.5	89.6	91.8	92.8	94.8	95.7	96.1	96.8	97.3	97.5	98.3	98.7	99.1	99.3
≥ 100	32.3	84.0	86.5	89.6	91.8	92.8	94.8	95.7	96.1	96.8	97.4	97.6	98.8	99.2	99.6	100.0
≥ 0	32.3	84.0	86.5	89.6	91.8	92.8	94.8	95.7	96.1	96.8	97.4	97.6	98.8	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 54 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.5	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 20000	22.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6
≥ 18000	22.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6
≥ 16000	22.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6
≥ 14000	22.7	57.3	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 12000	22.7	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 10000	22.8	61.0	61.3	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 9000	22.8	61.5	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 8000	23.3	63.6	63.9	63.9	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 7000	23.8	64.9	65.2	65.2	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 6000	24.0	66.1	66.5	66.5	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 5000	24.2	67.1	67.6	67.6	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 4500	24.5	68.9	69.5	69.5	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 4000	24.8	70.2	70.8	70.9	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 3500	25.3	71.5	72.1	72.2	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 3000	25.5	73.6	74.3	74.7	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7
≥ 2500	25.8	74.7	75.7	76.2	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 2000	26.1	76.7	78.4	79.3	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 1800	26.2	77.7	79.3	80.3	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 1500	26.2	80.7	82.6	84.0	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 1200	26.4	81.4	83.5	84.9	85.9	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 1000	26.4	82.4	84.4	86.1	87.5	87.9	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.8
≥ 900	26.5	83.8	85.9	88.2	89.8	90.3	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5
≥ 800	26.5	84.4	86.6	89.4	91.1	91.6	92.0	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8
≥ 700	26.5	85.1	87.4	90.1	92.3	92.8	93.1	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.0
≥ 600	26.5	85.2	87.6	90.3	92.9	93.4	93.9	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8
≥ 500	26.5	85.3	87.7	90.5	93.4	93.9	94.6	95.0	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.7
≥ 400	26.5	85.5	87.9	91.1	94.3	94.9	95.9	96.5	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.6
≥ 300	26.5	85.5	87.9	91.1	94.7	95.4	96.5	97.2	97.8	98.1	98.3	98.3	98.5	98.5	98.6	98.9
≥ 200	26.5	85.5	87.9	91.1	94.8	95.5	96.6	97.4	98.0	98.6	98.8	98.8	98.9	98.9	99.1	99.5
≥ 100	26.5	85.5	87.9	91.1	94.8	95.5	96.6	97.4	98.1	98.7	98.9	98.9	99.3	99.3	99.4	99.9
≥ 0	26.5	85.5	87.9	91.1	94.8	95.5	96.6	97.4	98.1	98.7	98.9	98.9	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) FEB (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.0	49.9	50.6	51.1	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6
≥ 20000	24.5	52.4	53.1	53.6	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2
≥ 18000	24.5	52.4	53.1	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.3
≥ 16000	24.5	52.4	53.1	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.3
≥ 14000	24.5	52.6	53.4	53.9	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5
≥ 12000	24.9	53.8	54.6	55.1	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
≥ 10000	25.7	56.3	57.1	57.6	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 9000	25.9	56.8	57.5	58.1	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 8000	26.2	58.6	59.4	59.9	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 7000	26.6	59.7	60.6	61.2	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
≥ 6000	26.9	60.6	61.5	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
≥ 5000	27.1	61.9	62.9	63.6	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 4500	27.3	63.1	64.3	65.2	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 4000	27.6	64.7	66.0	67.0	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 3500	27.8	66.1	67.6	68.7	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.8
≥ 3000	28.4	68.0	69.6	70.7	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 2500	29.0	70.5	72.2	73.5	74.3	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.0
≥ 2000	29.6	73.5	75.6	77.2	78.2	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.0
≥ 1800	29.7	74.5	76.7	78.5	79.5	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.3
≥ 1500	29.9	76.4	78.9	81.0	82.1	82.5	82.7	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.4
≥ 1200	30.0	77.8	80.7	83.0	84.4	84.9	85.3	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.9	86.0
≥ 1000	30.1	78.6	81.8	84.4	86.1	86.7	87.1	87.4	87.5	87.7	87.7	87.7	87.8	87.8	87.9	88.0
≥ 900	30.2	79.3	82.5	85.4	87.3	87.9	88.4	88.8	88.9	89.1	89.1	89.1	89.2	89.2	89.3	89.4
≥ 800	30.2	79.7	83.1	86.1	88.2	88.8	89.4	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.4	90.5
≥ 700	30.2	80.0	83.4	86.6	89.0	89.6	90.3	90.8	91.0	91.2	91.3	91.3	91.4	91.4	91.5	91.6
≥ 600	30.2	80.3	83.8	87.1	89.8	90.5	91.2	91.9	92.1	92.4	92.5	92.5	92.7	92.7	92.8	92.9
≥ 500	30.2	80.6	84.3	87.8	90.7	91.6	92.7	93.6	93.8	94.2	94.3	94.3	94.5	94.5	94.7	94.8
≥ 400	30.2	80.7	84.5	88.2	91.4	92.5	94.1	95.1	95.4	96.1	96.3	96.4	96.7	96.7	96.9	97.0
≥ 300	30.2	80.7	84.5	88.2	91.7	92.8	94.5	95.8	96.2	97.0	97.3	97.4	97.8	97.9	98.1	98.3
≥ 200	30.2	80.7	84.6	88.3	91.8	92.9	94.6	96.0	96.5	97.4	97.8	98.0	98.4	98.6	99.0	99.4
≥ 100	30.2	80.7	84.6	88.3	91.8	92.9	94.7	96.1	96.7	97.6	98.0	98.2	98.8	99.0	99.4	99.8
≥ 0	30.2	80.7	84.6	88.3	91.8	92.9	94.7	96.1	96.7	97.6	98.0	98.2	98.8	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6599

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-77 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.6	52.8	53.0	53.5	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	24.6	54.8	55.1	55.6	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	24.6	55.0	55.2	55.7	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	24.6	55.1	55.3	55.8	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000	24.8	55.1	55.3	55.8	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	24.9	56.2	56.4	56.9	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	25.1	57.5	57.7	58.2	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 9000	25.3	57.7	57.9	58.4	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	26.0	60.2	60.5	60.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	26.0	61.6	61.9	62.5	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	26.4	63.3	63.6	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	27.0	65.9	66.3	66.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4500	28.0	68.2	68.7	69.7	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	28.3	70.1	70.7	72.3	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	29.0	72.8	73.4	75.0	76.7	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	29.9	74.6	75.3	76.9	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	29.9	76.2	76.9	78.9	80.9	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	30.0	77.5	78.3	80.3	82.4	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	30.0	79.0	79.8	82.1	84.2	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	30.0	79.8	80.4	82.8	85.1	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200	30.0	79.9	81.1	83.8	86.1	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	30.0	80.5	81.7	84.5	86.9	87.3	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	30.1	80.8	82.1	85.4	88.1	88.5	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	30.3	81.0	82.6	86.3	88.9	89.6	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700	30.3	81.5	83.2	87.0	90.0	90.7	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	30.3	81.7	83.5	87.7	91.0	92.1	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	30.3	81.7	83.5	88.5	92.4	93.4	94.1	94.4	94.4	94.6	94.6	94.9	94.9	94.9	94.9	94.9
≥ 400	30.3	81.8	83.6	88.9	93.7	94.9	96.3	96.7	96.8	97.1	97.1	97.4	97.6	97.6	97.6	97.6
≥ 300	30.3	81.8	83.6	89.0	93.8	95.0	96.5	97.3	97.6	98.1	98.6	98.9	99.3	99.3	99.4	99.4
≥ 200	30.3	81.8	83.6	89.0	93.8	95.0	96.5	97.4	97.8	98.3	98.8	99.2	99.5	99.5	99.6	99.6
≥ 100	30.3	81.8	83.6	89.0	93.8	95.0	96.5	97.4	97.8	98.3	98.8	99.2	99.5	99.5	99.6	99.6
≥ 0	30.3	81.8	83.6	89.0	93.8	95.0	96.5	97.4	97.8	98.3	98.8	99.2	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-77 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.4	48.9	49.3	50.2	50.8	50.8	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.6	51.9
≥ 20000	22.3	51.1	51.6	52.4	53.0	53.0	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.9	54.1
≥ 18000	22.3	51.5	52.0	52.8	53.4	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.5
≥ 16000	22.3	51.5	52.0	52.8	53.4	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.5
≥ 14000	22.3	51.5	52.0	52.8	53.4	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.5
≥ 12000	22.7	52.3	52.8	53.6	54.2	54.2	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	55.1	55.3
≥ 10000	23.1	54.1	54.6	55.6	56.2	56.2	56.5	56.6	56.6	56.8	56.8	56.8	56.8	56.8	57.0	57.2
≥ 9000	23.3	54.4	54.8	55.8	56.4	56.4	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.2	57.5
≥ 8000	23.7	56.6	57.3	58.3	58.9	58.9	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.7	60.0
≥ 7000	23.8	57.3	58.1	59.1	59.9	59.9	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.7	60.9
≥ 6000	24.3	58.3	59.0	60.1	60.8	60.8	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.6	61.9
≥ 5000	24.6	60.8	61.8	63.1	63.9	63.9	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.9	65.1
≥ 4500	25.0	62.7	63.9	65.4	66.2	66.2	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.1	67.4
≥ 4000	25.4	65.6	67.1	68.6	69.8	69.8	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.7	71.0
≥ 3500	25.6	67.9	69.5	71.0	72.2	72.2	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.4
≥ 3000	26.5	70.0	71.9	73.4	74.6	74.6	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.5	75.7
≥ 2500	26.9	71.9	74.1	75.7	77.1	77.1	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.4
≥ 2000	26.9	74.0	76.2	77.9	79.2	79.2	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.4	80.6
≥ 1800	26.9	75.4	77.7	79.5	80.8	80.8	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	82.0	82.2
≥ 1500	26.9	76.7	79.1	80.9	82.4	82.4	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.8	84.0
≥ 1200	26.9	77.7	80.3	82.4	84.1	84.1	85.1	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.8	86.0
≥ 1000	26.9	78.5	81.4	83.5	85.4	85.4	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	87.1	87.3
≥ 900	26.9	79.3	82.6	84.9	87.2	87.2	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.9	89.1
≥ 800	26.9	79.5	82.8	85.5	87.9	88.1	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.7	90.0
≥ 700	26.9	79.9	83.5	86.6	89.0	89.1	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.8	91.0
≥ 600	26.9	80.0	83.8	87.1	89.5	89.6	90.6	90.8	90.8	91.0	91.1	91.2	91.2	91.2	91.4	91.6
≥ 500	26.9	80.3	84.0	87.6	90.4	90.8	92.4	92.7	92.8	93.3	93.5	93.5	93.7	93.7	94.0	94.3
≥ 400	26.9	80.5	84.2	87.8	91.2	91.5	93.3	93.8	93.9	94.6	95.1	95.1	95.2	95.3	95.7	95.9
≥ 300	26.9	80.5	84.3	88.3	91.8	92.1	94.5	95.1	95.2	96.1	97.0	97.0	97.3	97.4	97.7	98.0
≥ 200	26.9	80.5	84.3	88.3	91.8	92.1	94.7	95.5	95.8	96.8	98.0	98.0	98.2	98.3	98.8	99.0
≥ 100	26.9	80.5	84.3	88.3	91.8	92.1	94.7	95.6	95.9	97.1	98.3	98.3	98.8	98.9	99.4	99.6
≥ 0	26.9	80.5	84.3	88.3	91.8	92.1	94.7	95.6	95.9	97.1	98.3	98.3	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.6	41.9	45.1	46.9	47.0	47.0	47.2	47.4	47.4	47.4	47.5	47.5	47.6	47.6	47.8	48.0
≥ 20000	19.2	43.7	46.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 18000	19.2	43.7	46.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 16000	19.2	43.7	46.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 14000	19.2	43.7	46.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 12000	19.6	44.3	47.4	49.2	49.4	49.4	49.6	49.8	49.8	49.8	49.9	49.9	50.0	50.0	50.3	50.4
≥ 10000	20.1	46.6	49.7	51.5	51.6	51.6	51.8	52.0	52.0	52.0	52.2	52.2	52.3	52.3	52.6	52.7
≥ 9000	20.3	46.9	50.0	51.8	51.9	51.9	52.2	52.4	52.5	52.5	52.6	52.6	52.7	52.7	53.0	53.1
≥ 8000	20.9	48.6	51.7	53.8	53.9	53.9	54.1	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.9	55.1
≥ 7000	21.4	50.1	53.2	55.3	55.4	55.4	55.6	55.9	56.0	56.0	56.1	56.1	56.2	56.2	56.6	56.7
≥ 6000	22.0	51.9	55.3	57.5	57.6	57.6	57.8	58.3	58.4	58.4	58.7	58.7	58.8	58.8	59.1	59.2
≥ 5000	22.2	54.3	58.1	60.4	60.5	60.5	60.8	61.2	61.3	61.3	61.6	61.6	61.7	61.7	62.0	62.2
≥ 4500	22.6	56.2	60.1	62.7	62.8	62.9	63.2	63.7	63.8	63.8	64.1	64.1	64.2	64.2	64.5	64.6
≥ 4000	22.7	59.1	63.0	65.6	65.9	66.0	66.5	66.9	67.0	67.0	67.3	67.3	67.4	67.4	67.7	67.8
≥ 3500	22.7	60.6	64.5	67.1	67.4	67.5	68.1	68.5	68.6	68.6	68.9	68.9	69.0	69.0	69.4	69.5
≥ 3000	23.2	62.9	66.8	69.5	69.8	70.2	70.8	71.3	71.4	71.4	71.7	71.7	71.8	71.8	72.2	72.3
≥ 2500	23.3	63.5	67.4	70.2	70.5	71.0	71.6	72.2	72.3	72.3	72.6	72.6	72.7	72.7	73.0	73.1
≥ 2000	23.7	66.5	70.4	73.5	74.0	74.4	75.2	75.8	75.9	75.9	76.2	76.2	76.5	76.5	76.8	76.9
≥ 1800	23.8	68.0	71.9	75.4	76.0	76.5	77.2	77.8	78.0	78.0	78.3	78.3	78.5	78.5	78.8	78.9
≥ 1500	24.4	69.6	73.5	77.3	78.3	78.7	79.5	80.1	80.2	80.2	80.5	80.5	80.8	80.8	81.1	81.2
≥ 1200	24.5	70.8	74.8	79.4	80.3	80.9	81.7	82.5	82.6	82.6	82.9	82.9	83.1	83.1	83.4	83.5
≥ 1000	24.5	71.5	75.8	80.3	81.6	82.2	83.2	84.1	84.2	84.2	84.5	84.5	84.7	84.7	85.1	85.2
≥ 900	24.5	72.2	76.6	81.3	82.6	83.2	84.7	85.6	85.7	85.7	86.0	86.0	86.2	86.2	86.6	86.7
≥ 800	24.5	72.5	77.0	81.9	83.5	84.2	85.9	86.9	87.0	87.0	87.3	87.3	87.5	87.5	87.8	88.0
≥ 700	24.6	73.2	77.7	82.8	84.6	85.3	87.1	88.1	88.2	88.2	88.5	88.5	88.7	88.7	89.0	89.1
≥ 600	24.6	73.5	78.6	83.7	85.6	86.5	88.5	89.5	89.7	89.7	90.0	90.0	90.2	90.2	90.5	90.6
≥ 500	24.6	73.5	78.6	84.1	86.2	87.7	90.2	91.3	91.5	91.5	91.9	91.9	92.3	92.4	92.7	92.8
≥ 400	24.6	73.5	78.6	84.4	87.0	88.8	91.5	93.0	93.7	94.0	94.5	94.5	94.8	94.9	95.3	95.4
≥ 300	24.6	73.5	78.7	84.5	87.3	89.1	92.2	93.8	94.6	95.2	96.2	96.3	97.0	97.2	97.7	97.8
≥ 200	24.6	73.5	78.7	84.5	87.3	89.1	92.4	94.0	94.8	95.4	96.9	97.0	97.8	98.2	98.7	99.1
≥ 100	24.6	73.5	78.7	84.5	87.4	89.2	92.5	94.1	94.9	95.5	97.1	97.2	98.1	98.4	98.9	99.6
≥ 0	24.6	73.5	78.7	84.5	87.4	89.2	92.5	94.1	94.9	95.5	97.1	97.2	98.1	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.0	44.8	45.4	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	27.7	46.8	47.3	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	27.7	46.8	47.3	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	27.7	46.9	47.4	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	27.7	46.9	47.4	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	28.2	47.7	48.3	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 10000	29.8	50.6	51.2	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 9000	30.3	51.6	52.2	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	31.3	54.5	55.1	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	31.6	55.5	56.0	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	32.0	57.4	58.0	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000	32.3	58.8	59.5	60.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4500	33.1	60.6	61.3	62.0	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4000	33.2	62.2	63.0	63.8	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 3500	33.7	63.3	64.4	65.2	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3000	34.1	65.9	67.1	68.0	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2500	34.9	68.7	70.1	71.1	71.8	71.9	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	35.7	72.3	73.7	74.9	75.9	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1800	36.3	74.0	75.5	77.0	78.1	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1500	37.0	76.3	78.1	80.1	81.3	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	37.2	77.8	79.9	82.4	83.8	84.2	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1000	37.2	79.0	81.3	84.1	85.6	86.0	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	37.3	80.0	82.3	85.1	86.7	87.2	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 800	37.3	80.5	83.0	85.9	87.6	88.3	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	37.3	80.8	83.4	86.7	88.7	89.5	90.1	90.2	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	37.3	81.1	83.9	87.4	89.6	90.9	91.7	91.8	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	37.3	81.4	84.2	88.1	90.3	91.9	93.5	93.9	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	37.3	81.4	84.2	88.1	90.4	92.0	94.0	94.6	95.5	96.1	96.5	96.6	96.6	96.6	96.6	96.6
≥ 300	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.1	96.1	97.2	97.7	97.8	98.1	98.1	98.2	98.2
≥ 200	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.2	96.2	97.3	98.0	98.1	98.5	98.7	99.2	99.2
≥ 100	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.2	96.5	97.5	98.2	98.3	98.7	98.9	99.6	100.0
≥ 0	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.2	96.5	97.5	98.2	98.3	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	36.5	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000	36.5	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 16000	36.5	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	36.6	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	37.5	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	39.4	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000	39.8	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	40.3	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000	40.8	57.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	41.3	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000	41.7	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500	41.8	60.9	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
≥ 4000	42.4	62.9	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3500	43.3	64.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	44.5	68.2	69.5	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2500	45.4	72.4	74.1	74.9	74.9	74.9	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2000	46.6	77.2	79.5	80.9	81.1	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	47.1	78.5	80.8	82.4	82.6	82.6	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	47.4	80.0	82.7	84.6	84.9	85.1	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	47.5	81.9	84.9	87.1	87.4	87.5	87.8	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	47.5	83.1	86.6	88.8	89.5	89.6	90.2	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	47.5	83.4	87.3	89.7	90.3	90.4	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	47.5	83.7	88.3	91.0	91.6	91.7	92.6	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	47.5	83.9	88.6	91.5	92.2	92.4	93.8	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	47.5	84.1	88.8	92.0	92.9	93.5	94.9	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	47.5	84.2	88.9	92.4	93.5	94.3	96.2	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	47.5	84.2	88.9	92.4	93.5	94.4	97.1	97.4	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	47.5	84.2	88.9	92.4	93.5	94.4	97.1	97.4	97.7	98.4	98.7	98.7	98.7	98.8	98.8	98.8
≥ 200	47.5	84.2	88.9	92.4	93.5	94.5	97.3	97.7	98.2	98.8	99.1	99.1	99.1	99.2	99.2	99.2
≥ 100	47.5	84.2	88.9	92.4	93.5	94.5	97.3	97.7	98.2	98.8	99.1	99.1	99.1	99.2	99.8	99.8
≥ 0	47.5	84.2	88.9	92.4	93.5	94.5	97.3	97.7	98.2	98.8	99.1	99.1	99.1	99.2	99.8	100

TOTAL NUMBER OF OBSERVATIONS 9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72424D	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.2	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	36.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	36.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 16000	36.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	36.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 12000	37.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	41.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	41.3	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	42.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 7000	42.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 6000	43.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	44.1	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	63.3
≥ 4500	45.2	64.7	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	65.3
≥ 4000	46.7	67.8	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	47.6	70.2	70.8	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	48.7	73.9	74.7	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	49.8	78.3	79.4	79.9	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	51.0	81.4	83.0	84.0	84.3	84.6	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	51.0	82.2	84.0	85.1	85.4	85.7	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	51.0	83.9	85.7	87.2	87.7	88.2	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	51.1	84.7	87.6	89.6	90.3	90.8	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	51.1	84.7	87.8	90.0	91.1	91.5	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	51.1	85.4	88.5	90.9	91.9	92.4	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	51.1	85.5	88.9	91.3	92.5	92.9	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	51.1	85.6	89.1	91.5	92.7	93.2	94.6	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	51.1	85.6	89.2	91.7	93.2	94.1	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	51.1	85.7	89.4	91.9	93.8	94.6	96.6	97.1	97.1	97.5	97.6	98.0	98.0	98.0	98.0	98.0
≥ 400	51.1	85.7	89.5	92.0	94.0	94.8	97.0	97.5	97.5	98.1	98.2	98.5	98.5	98.6	98.6	98.6
≥ 300	51.1	85.7	89.5	92.0	94.0	95.2	97.3	97.8	98.0	98.5	98.6	99.0	99.0	99.1	99.1	99.1
≥ 200	51.1	85.7	89.5	92.0	94.0	95.3	97.4	98.0	98.1	98.6	98.7	99.1	99.1	99.2	99.2	99.2
≥ 100	51.1	85.7	89.5	92.0	94.0	95.3	97.4	98.0	98.1	98.7	98.8	99.2	99.4	99.5	99.8	100.0
≥ 0	51.1	85.7	89.5	92.0	94.0	95.3	97.4	98.0	98.1	98.7	98.8	99.2	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93(

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724243 (STATION) FT KNOX/GOODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.4	48.5	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	28.7	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	28.7	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	28.7	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000	28.9	52.8	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	29.6	54.6	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	31.4	59.9	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	32.0	61.5	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	32.9	63.9	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	33.2	65.4	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	33.4	66.6	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	34.0	67.6	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	34.5	69.9	70.8	70.9	71.1	71.1	7 .1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	35.8	72.4	73.5	73.9	74.2	74.4	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	36.9	75.1	76.5	76.8	77.1	77.3	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	37.1	77.8	79.5	80.0	80.3	80.5	80.6	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	37.7	80.0	81.7	82.4	82.9	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	37.7	81.5	83.7	84.6	85.4	85.6	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	37.7	83.3	85.7	87.0	87.8	88.3	88.4	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	37.7	84.2	86.6	88.2	89.1	89.6	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	37.7	84.5	87.1	89.2	90.3	90.8	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	37.7	84.6	87.2	89.6	91.0	91.4	92.0	92.0	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	37.7	84.7	87.3	89.7	91.6	92.0	92.8	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1
≥ 800	37.7	85.1	87.6	90.0	92.2	92.6	93.4	93.4	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.8
≥ 700	37.7	85.4	88.0	90.4	92.6	93.0	93.9	93.9	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.3
≥ 600	37.7	85.5	88.3	90.9	93.1	93.5	94.6	95.1	95.1	95.5	95.7	95.7	95.8	95.8	95.8	95.8
≥ 500	37.7	85.5	88.3	90.9	93.5	94.0	95.4	95.8	95.8	96.3	96.6	96.7	96.9	96.9	96.9	96.9
≥ 400	37.7	85.5	88.3	91.1	93.8	94.2	95.7	96.5	96.6	97.2	97.5	97.6	97.8	98.0	98.1	98.2
≥ 300	37.7	85.5	88.3	91.1	93.8	94.3	95.9	96.7	96.8	97.4	97.8	98.3	98.6	98.7	98.8	98.9
≥ 200	37.7	85.5	88.3	91.1	93.8	94.5	96.3	97.1	97.2	97.8	98.5	98.9	99.2	99.4	99.6	99.8
≥ 100	37.7	85.5	88.3	91.1	93.8	94.5	96.3	97.1	97.2	97.8	98.5	98.9	99.5	99.6	99.8	99.9
≥ 0	37.7	85.5	88.3	91.1	93.8	94.5	96.3	97.1	97.2	97.8	98.5	98.9	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-230 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.1	53.4	54.2	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.
≥ 20000	25.2	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.
≥ 18000	25.2	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.
≥ 16000	25.2	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.
≥ 14000	25.2	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.
≥ 12000	25.7	57.4	58.2	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.
≥ 10000	26.7	60.2	61.0	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.
≥ 9000	26.7	60.5	61.3	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.
≥ 8000	27.1	63.3	64.1	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.
≥ 7000	27.3	64.8	65.6	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.
≥ 6000	27.5	66.1	66.9	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.
≥ 5000	28.0	67.7	68.7	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.
≥ 4500	28.4	69.9	71.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.
≥ 4000	28.6	72.6	73.7	74.7	75.5	75.5	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.
≥ 3500	29.1	74.3	75.5	76.7	77.4	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77
≥ 3000	29.5	76.0	77.2	78.5	79.2	79.2	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79
≥ 2500	29.7	78.1	79.2	80.8	81.8	81.8	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82
≥ 2000	29.9	79.2	80.6	82.3	83.3	83.3	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84
≥ 1800	29.9	80.6	82.0	83.7	84.8	84.8	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.7	85
≥ 1500	29.9	81.9	83.3	85.4	87.1	87.2	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.2	88
≥ 1200	29.9	82.4	83.9	86.1	87.8	88.0	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	89.1	89
≥ 1000	29.9	82.8	84.4	86.7	88.4	88.5	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.2	90
≥ 900	29.9	83.0	84.7	87.0	88.9	89.1	90.4	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.2	91
≥ 800	29.9	83.1	84.9	87.2	89.4	89.6	90.9	91.0	91.1	91.7	91.7	91.7	91.7	91.7	91.9	91
≥ 700	29.9	83.3	85.3	87.6	90.1	90.3	91.6	91.7	91.8	92.5	92.5	92.5	92.5	92.5	92.7	92
≥ 600	29.9	83.5	85.7	88.2	91.0	91.3	92.6	92.8	92.9	93.7	94.1	94.1	94.1	94.1	94.3	94
≥ 500	29.9	83.7	86.0	88.9	91.8	92.2	93.8	94.3	94.5	95.5	95.9	95.9	95.9	95.9	96.1	96
≥ 400	29.9	83.8	86.5	89.7	92.6	93.1	95.2	95.9	96.1	97.2	97.6	97.6	97.6	97.6	97.8	97
≥ 300	29.9	83.8	86.5	89.7	92.8	93.3	95.5	96.3	96.8	98.0	98.7	98.9	99.0	99.0	99.2	99
≥ 200	29.9	83.8	86.5	89.7	92.8	93.3	95.6	96.5	96.9	98.1	98.8	99.0	99.2	99.2	99.5	99
≥ 100	29.9	83.8	86.5	89.7	92.8	93.3	95.6	96.5	96.9	98.1	98.8	99.0	99.2	99.4	99.6	99
≥ 0	29.9	83.8	86.5	89.7	92.8	93.3	95.6	96.5	96.9	98.1	98.8	99.0	99.2	99.4	99.6	100

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥
NO CEILING	26.7	47.6	48.3	48.9	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49
≥ 20000	27.7	50.4	51.2	51.7	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52
≥ 18000	27.7	50.5	51.3	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52
≥ 16000	27.7	50.5	51.3	51.8	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52
≥ 14000	27.7	50.6	51.4	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52
≥ 12000	28.3	51.7	52.5	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53
≥ 10000	29.7	54.9	55.7	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56
≥ 9000	30.0	55.5	56.3	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57
≥ 8000	30.7	57.9	58.8	59.4	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60
≥ 7000	31.0	59.1	60.0	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61
≥ 6000	31.5	60.5	61.5	62.1	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62
≥ 5000	31.9	62.3	63.3	64.1	64.5	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64
≥ 4500	32.5	64.1	65.2	66.2	66.6	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67
≥ 4000	33.0	66.6	67.8	68.9	69.5	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70
≥ 3500	33.7	68.6	70.0	71.1	71.7	71.8	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72
≥ 3000	34.3	71.1	72.7	73.9	74.5	74.6	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75
≥ 2500	34.9	73.6	75.4	76.7	77.5	77.6	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78
≥ 2000	35.3	76.2	78.2	79.6	80.7	80.9	81.2	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.7	81
≥ 1800	35.5	77.6	79.7	81.5	82.5	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.5	8
≥ 1500	35.7	79.0	81.2	83.3	84.5	84.8	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.7	8
≥ 1200	35.8	80.0	82.5	85.0	86.3	86.6	87.1	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	8
≥ 1000	35.8	80.6	83.3	86.0	87.5	87.8	88.5	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.1	8
≥ 900	35.8	81.1	84.0	86.8	88.4	88.8	89.6	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.3	9
≥ 800	35.8	81.4	84.4	87.4	89.2	89.6	90.6	90.8	90.9	91.1	91.2	91.2	91.2	91.2	91.3	9
≥ 700	35.9	81.7	84.9	88.0	90.0	90.4	91.6	91.8	91.9	92.1	92.2	92.2	92.3	92.3	92.4	9
≥ 600	35.9	81.9	85.3	88.6	90.7	91.5	92.7	93.0	93.1	93.4	93.6	93.6	93.6	93.6	93.7	9
≥ 500	35.9	82.0	85.4	89.1	91.5	92.4	94.0	94.5	94.7	95.1	95.3	95.4	95.5	95.5	95.6	9
≥ 400	35.9	82.1	85.5	89.3	92.0	93.0	95.0	95.7	96.0	96.6	96.9	97.0	97.1	97.1	97.2	9
≥ 300	35.9	82.1	85.5	89.4	92.2	93.2	95.4	96.2	96.6	97.4	97.9	98.1	98.4	98.5	98.6	9
≥ 200	35.9	82.1	85.5	89.4	92.2	93.2	95.6	96.4	96.9	97.6	98.3	98.6	98.9	99.0	99.2	9
≥ 100	35.9	82.1	85.5	89.4	92.2	93.3	95.6	96.4	96.9	97.7	98.5	98.7	99.0	99.2	99.6	9
≥ 0	35.9	82.1	85.5	89.4	92.2	93.3	95.6	96.4	96.9	97.7	98.5	98.7	99.0	99.2	99.6	1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-77 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.1	57.0	57.3	57.5	57.7	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.
≥ 20000	27.0	59.5	59.8	60.0	60.1	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.
≥ 18000	27.0	59.5	59.8	60.0	60.1	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.
≥ 16000	27.0	59.5	59.8	60.0	60.1	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.
≥ 14000	27.4	59.9	60.1	60.4	60.5	60.6	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.
≥ 12000	27.8	60.4	60.6	60.9	61.0	61.1	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.
≥ 10000	28.8	62.2	62.5	62.7	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.
≥ 9000	29.1	63.5	63.7	64.0	64.1	64.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.
≥ 8000	29.4	66.8	67.3	67.5	67.7	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.
≥ 7000	29.4	67.5	68.0	68.3	68.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.
≥ 6000	30.4	70.0	70.5	70.7	71.0	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.
≥ 5000	31.4	73.0	73.6	74.0	74.2	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.
≥ 4500	33.1	76.8	77.4	78.0	78.4	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.
≥ 4000	34.1	79.9	80.9	81.6	82.0	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.
≥ 3500	34.4	81.4	82.3	83.2	83.6	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.
≥ 3000	34.7	82.7	83.7	84.7	85.1	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.
≥ 2500	35.9	86.2	87.3	88.3	89.0	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.
≥ 2000	35.8	87.8	88.9	90.0	90.7	90.9	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.
≥ 1800	35.8	88.1	89.5	90.6	91.5	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92
≥ 1500	35.8	89.5	90.9	92.0	92.8	93.1	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93
≥ 1200	35.9	90.1	91.6	92.8	93.7	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94
≥ 1000	35.9	90.5	92.0	93.3	94.2	94.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95
≥ 900	35.9	90.9	92.5	94.0	94.8	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95
≥ 800	35.9	91.2	92.8	94.3	95.2	95.4	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96
≥ 700	35.9	91.5	93.1	94.7	95.7	95.9	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96
≥ 600	35.9	91.6	93.5	95.1	96.2	96.4	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97
≥ 500	35.9	91.6	93.7	95.3	96.8	97.0	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97
≥ 400	35.9	91.7	93.8	95.6	97.0	97.4	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98
≥ 300	35.9	91.7	93.8	95.8	97.7	98.0	98.4	98.8	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99
≥ 200	35.9	91.7	93.8	95.8	97.7	98.1	98.5	98.9	99.1	99.3	99.6	99.6	99.8	99.8	99.8	99
≥ 100	35.9	91.7	93.8	95.8	97.7	98.1	98.5	98.9	99.1	99.3	99.6	99.6	99.9	99.9	99.9	100
≥ 0	35.9	91.7	93.8	95.8	97.7	98.1	98.5	98.9	99.1	99.3	99.6	99.6	99.9	99.9	99.9	100

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.3	54.0	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.5
≥ 20000	22.8	56.1	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 18000	22.8	56.1	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 16000	22.8	56.1	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 14000	23.2	56.5	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	58.0
≥ 12000	23.6	57.2	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 10000	24.5	60.0	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.5
≥ 9000	24.7	60.7	61.3	61.5	61.9	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.5
≥ 8000	25.2	63.9	64.5	64.7	65.1	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.7
≥ 7000	25.2	64.5	65.1	65.4	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.5
≥ 6000	26.3	66.7	67.4	67.8	68.3	68.3	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.9
≥ 5000	26.5	69.5	70.9	71.5	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6
≥ 4500	27.0	71.6	73.2	73.9	74.5	74.5	74.7	74.7	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.2
≥ 4000	27.4	74.4	76.3	76.9	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1	78.3
≥ 3500	27.7	75.8	77.9	78.7	79.4	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.1
≥ 3000	28.1	77.1	79.3	80.0	80.8	80.8	81.1	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.6
≥ 2500	28.7	79.8	82.2	83.0	84.0	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.8
≥ 2000	29.3	82.7	85.2	86.3	87.4	87.4	88.0	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.5
≥ 1800	29.3	84.0	86.6	87.7	88.9	88.9	89.5	89.5	89.5	89.6	89.6	89.6	89.8	89.8	89.8	90.0
≥ 1500	29.7	85.8	88.5	89.8	91.0	91.0	91.6	91.6	91.6	91.7	91.7	91.7	91.9	91.9	91.9	92.1
≥ 1200	29.7	86.7	89.6	91.1	92.4	92.4	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.5
≥ 1000	29.7	87.4	90.4	92.0	93.3	93.6	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.7
≥ 900	29.7	87.8	90.9	92.5	93.8	94.1	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.2
≥ 800	29.7	87.8	90.9	92.7	94.1	94.3	94.9	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.6
≥ 700	29.7	88.2	91.4	93.2	94.6	94.8	95.4	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	96.1
≥ 600	29.7	88.3	91.5	93.5	94.8	95.2	95.8	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.4
≥ 500	29.7	88.3	91.5	93.5	94.9	95.3	95.9	95.9	95.9	96.3	96.3	96.3	96.4	96.4	96.4	96.7
≥ 400	29.7	88.5	91.7	93.7	95.3	95.7	96.3	96.3	96.3	96.7	96.7	96.7	96.8	96.8	96.8	97.0
≥ 300	29.7	88.5	91.7	94.2	95.9	96.3	96.9	97.2	97.2	97.7	97.8	97.8	98.0	98.0	98.0	98.3
≥ 200	29.7	88.5	91.7	94.3	96.3	96.7	97.3	97.7	97.7	98.4	98.5	98.5	98.8	98.8	99.1	99.5
≥ 100	29.7	88.5	91.7	94.3	96.3	96.7	97.3	97.7	97.7	98.4	98.5	98.6	99.0	99.0	99.4	99.8
≥ 0	29.7	88.5	91.7	94.3	96.3	96.7	97.3	97.7	97.7	98.4	98.5	98.8	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 811

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.8	47.6	49.6	50.2	50.4	50.4	50.4	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	23.2	50.8	52.8	53.4	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	23.2	50.8	52.8	53.4	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	23.4	51.2	53.2	53.9	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	23.7	51.4	53.4	54.1	54.4	54.4	54.4	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	23.9	51.8	53.8	54.6	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 10000	25.3	56.0	58.0	58.8	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	25.9	57.2	59.3	60.1	60.4	60.4	60.4	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9
≥ 8000	26.9	60.2	62.8	63.8	64.2	64.2	64.2	64.3	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 7000	27.6	62.0	64.6	65.6	66.0	66.0	66.0	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 6000	28.8	63.7	66.7	67.8	68.2	68.2	68.2	68.4	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 5000	29.1	66.8	69.9	71.0	71.4	71.4	71.4	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 4500	29.2	68.0	71.1	72.3	72.9	72.9	72.9	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 4000	29.4	69.6	72.7	74.0	74.8	74.8	74.8	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.6
≥ 3500	30.1	70.6	73.8	75.2	76.0	76.0	76.0	76.4	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 3000	30.7	72.2	75.7	77.1	78.0	78.0	78.0	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 2500	31.3	74.8	78.3	79.9	80.9	80.9	80.9	81.4	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 2000	32.4	79.0	82.8	84.7	85.8	85.8	85.9	86.4	86.4	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 1800	32.4	79.9	83.7	85.7	86.8	86.8	86.9	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1500	32.6	81.1	84.9	87.3	88.8	88.9	89.0	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 1200	32.9	82.0	85.9	88.3	89.8	89.9	90.0	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1000	33.2	82.9	87.1	89.7	91.2	91.3	91.6	92.2	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 900	33.3	83.3	87.8	90.3	92.1	92.6	92.8	93.4	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 800	33.3	83.6	88.2	90.9	92.7	93.1	93.3	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.6
≥ 700	33.4	83.9	88.6	91.2	93.1	93.6	93.9	94.7	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.2
≥ 600	33.4	84.2	88.9	91.8	93.7	94.2	94.7	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.1
≥ 500	33.6	84.4	89.1	92.2	94.6	95.3	95.8	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.2
≥ 400	33.6	84.7	89.3	92.4	94.8	95.6	96.1	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	98.0
≥ 300	33.6	84.7	89.3	92.4	94.8	95.6	96.3	97.4	97.8	98.1	98.3	98.3	98.8	98.8	98.8	99.0
≥ 200	33.6	84.7	89.3	92.4	94.8	95.6	96.4	97.8	98.1	98.4	98.8	98.8	99.2	99.2	99.2	99.4
≥ 100	33.6	84.7	89.3	92.4	94.8	95.6	96.4	97.8	98.1	98.4	98.8	98.8	99.4	99.4	99.4	100.0
≥ 0	33.6	84.7	89.3	92.4	94.8	95.6	96.4	97.8	98.1	98.4	98.8	98.8	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.8	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	37.2	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	37.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	37.4	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	38.0	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	38.1	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	39.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	40.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	41.2	63.8	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	42.2	65.6	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6000	43.4	67.6	68.1	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	44.0	69.2	69.8	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	44.2	70.3	70.9	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	44.6	72.1	72.9	73.8	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	45.3	73.6	74.6	75.7	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	47.2	76.3	77.3	78.4	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	47.8	79.4	80.8	81.9	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	49.4	83.6	85.2	86.7	87.0	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	49.4	84.1	85.8	87.3	87.7	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	50.2	85.6	87.3	88.9	89.3	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	51.1	87.2	89.4	91.0	91.6	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	51.4	88.6	90.9	92.6	93.2	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	51.6	89.3	91.8	93.6	94.3	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	51.7	90.0	92.6	94.3	95.1	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	51.7	90.2	92.8	94.7	95.6	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	51.7	90.3	92.9	94.8	95.8	96.6	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	51.7	90.4	93.0	94.9	96.0	96.8	97.8	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	51.7	90.4	93.0	95.0	96.1	96.9	98.1	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	51.7	90.6	93.1	95.1	96.3	97.1	98.3	99.0	99.0	99.3	99.6	99.6	99.6	99.7	99.8	99.8
≥ 200	51.7	90.6	93.1	95.1	96.3	97.1	98.3	99.0	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0
≥ 100	51.7	90.6	93.1	95.1	96.3	97.1	98.3	99.0	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0
≥ 0	51.7	90.6	93.1	95.1	96.3	97.1	98.3	99.0	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.0	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	39.4	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	39.7	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	39.7	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	40.4	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	41.9	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	43.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	44.0	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	45.4	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	46.2	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 6000	47.2	68.0	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	47.8	69.4	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	48.7	71.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	50.1	74.6	75.2	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	51.2	76.2	77.0	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	53.6	80.7	81.8	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
≥ 2500	55.4	85.0	86.3	87.3	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	56.9	88.2	89.8	90.9	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	56.9	88.6	90.1	91.2	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	57.7	90.0	91.8	92.9	93.3	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	58.1	91.6	93.3	94.6	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	58.3	92.8	94.6	96.0	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	58.3	93.3	95.1	96.6	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	58.6	93.6	95.3	96.8	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	58.6	93.9	95.7	97.2	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	58.6	94.0	95.9	97.4	98.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72424	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	41.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	41.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	41.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	42.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	42.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	45.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	46.2	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	48.9	69.3	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	50.1	71.8	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	50.6	72.8	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
≥ 5000	51.2	74.9	75.7	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	52.0	76.4	77.2	77.3	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	54.0	79.4	80.7	80.8	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	55.2	81.9	83.1	83.2	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	56.3	84.2	85.6	85.7	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	58.3	88.7	90.1	90.2	90.7	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	59.1	91.8	93.4	93.6	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	59.2	92.1	93.8	93.9	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	59.3	93.1	95.0	95.1	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200	59.3	93.8	95.7	95.8	96.4	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	59.3	94.2	96.2	96.3	97.0	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 900	59.3	94.3	96.3	96.6	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 800	59.3	94.3	96.3	96.8	97.8	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	59.3	94.3	96.3	96.8	97.8	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	59.3	94.3	96.3	96.8	98.0	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	59.3	94.3	96.3	96.8	98.1	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	59.3	94.3	96.3	96.8	98.1	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	59.3	94.6	96.6	97.1	98.4	98.7	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	59.3	94.6	96.6	97.1	98.4	98.7	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	59.3	94.6	96.6	97.1	98.4	98.7	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	59.3	94.6	96.6	97.1	98.4	98.7	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	34.1	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	37.0	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	37.0	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	37.0	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	37.6	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	38.2	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	40.3	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	40.7	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	41.9	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	42.7	73.0	73.6	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
≥ 6000	42.8	74.2	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	43.8	77.8	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	44.7	79.6	80.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	46.4	84.0	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	47.3	86.4	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	48.1	88.6	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	48.4	90.4	91.7	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	48.7	91.8	93.0	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	48.7	91.8	93.2	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	48.7	92.3	94.0	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	49.0	93.3	95.1	95.8	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	49.0	93.8	95.6	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	49.0	93.8	95.6	96.2	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	49.0	94.1	96.0	96.7	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	49.0	94.1	96.0	96.8	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	49.0	94.1	96.0	96.9	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	49.0	94.2	96.1	97.1	98.4	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	49.0	94.4	96.3	97.3	98.8	99.0	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	49.0	94.4	96.3	97.4	98.9	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	49.0	94.4	96.3	97.4	99.0	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.0	94.4	96.3	97.4	99.0	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.0	94.4	96.3	97.4	99.0	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-230 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.1	58.2	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
≥ 20000	31.8	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.
≥ 18000	31.8	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.
≥ 16000	31.8	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.
≥ 14000	32.1	63.0	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.
≥ 12000	32.5	64.0	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.
≥ 10000	32.9	65.6	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.
≥ 9000	33.1	66.7	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.
≥ 8000	34.4	71.5	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.
≥ 7000	34.4	72.7	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.
≥ 6000	34.9	74.3	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.
≥ 5000	35.2	76.5	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.
≥ 4500	36.4	78.6	79.5	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.
≥ 4000	37.5	81.6	82.6	83.1	83.	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83
≥ 3500	38.4	84.0	85.0	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85
≥ 3000	38.6	86.0	87.0	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87
≥ 2500	39.3	88.4	89.4	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90
≥ 2000	39.6	90.1	91.3	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92
≥ 1800	39.8	91.0	92.2	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93
≥ 1500	39.6	91.4	92.8	93.2	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93
≥ 1200	39.7	92.1	93.5	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94
≥ 1000	39.7	92.8	94.2	95.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95
≥ 900	39.7	92.8	94.5	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96
≥ 800	39.7	93.0	94.8	95.9	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96
≥ 700	39.7	93.2	95.1	96.2	96.9	97.0	97.	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97
≥ 600	39.7	93.2	95.1	96.6	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97
≥ 500	39.7	93.2	95.1	97.0	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98
≥ 400	39.7	93.2	95.1	97.3	98.2	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98
≥ 300	39.7	93.2	95.1	97.3	98.2	98.3	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98
≥ 200	39.7	93.2	95.1	97.3	98.3	98.4	98.9	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99
≥ 100	39.7	93.2	95.1	97.3	98.3	98.4	98.9	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100
≥ 0	39.7	93.2	95.1	97.3	98.3	98.4	98.9	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.7	52.9	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.
≥ 20000	32.7	57.0	57.5	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.
≥ 18000	32.7	57.1	57.6	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.
≥ 16000	32.8	57.2	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.
≥ 14000	33.2	57.7	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.7	58.6	58.6	58.6	58.6	58.6	58.
≥ 12000	33.8	58.6	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.
≥ 10000	35.2	61.7	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.
≥ 9000	35.7	62.9	63.5	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.
≥ 8000	36.9	66.4	67.1	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.
≥ 7000	37.5	67.9	68.8	69.0	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.
≥ 6000	38.3	69.7	70.6	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.
≥ 5000	38.9	72.2	73.2	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.
≥ 4500	39.8	74.1	75.2	75.7	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.
≥ 4000	40.7	76.9	78.3	78.9	79.3	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.
≥ 3500	41.5	78.7	80.2	80.9	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.
≥ 3000	42.4	81.0	82.5	83.3	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.
≥ 2500	43.4	84.1	85.8	86.6	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.
≥ 2000	44.2	86.9	88.7	89.7	90.3	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.
≥ 1800	44.2	87.5	89.4	90.4	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.
≥ 1500	44.5	88.6	90.7	91.7	92.5	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.
≥ 1200	44.8	89.6	91.8	93.0	93.7	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.
≥ 1000	44.9	90.4	92.6	93.9	94.8	94.9	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.
≥ 900	44.9	90.7	93.1	94.4	95.3	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96
≥ 800	45.0	91.0	93.4	94.8	95.8	96.0	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96
≥ 700	45.0	91.2	93.6	95.1	96.1	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97
≥ 600	45.0	91.3	93.8	95.4	96.5	96.9	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97
≥ 500	45.1	91.4	93.9	95.6	96.9	97.2	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98
≥ 400	45.0	91.5	94.0	95.7	97.1	97.5	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98
≥ 300	45.0	91.5	94.0	95.9	97.3	97.7	98.3	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99
≥ 200	45.0	91.5	94.0	95.9	97.4	97.8	98.4	98.9	99.1	99.4	99.5	99.5	99.7	99.7	99.8	99
≥ 100	45.0	91.5	94.0	95.9	97.4	97.8	98.4	98.9	99.1	99.4	99.5	99.6	99.8	99.8	99.8	100
≥ 0	45.0	91.5	94.0	95.9	97.4	97.8	98.4	98.9	99.1	99.4	99.5	99.6	99.8	99.8	99.9	100

TOTAL NUMBER OF OBSERVATIONS 7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724243	FT KNOX/GODMAN AAF KY	65-70,75-77	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-020
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.9	60.8	63.3	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.
≥ 20000	21.9	63.1	65.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.
≥ 18000	21.9	63.1	65.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.
≥ 16000	21.9	63.1	65.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.
≥ 14000	21.9	63.2	65.8	66.9	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.
≥ 12000	22.3	64.6	67.4	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.2	69.
≥ 10000	22.9	67.7	71.1	72.5	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.
≥ 9000	23.3	68.5	71.8	73.3	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.
≥ 8000	23.9	70.6	74.3	75.8	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.
≥ 7000	24.6	72.7	76.5	77.9	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.
≥ 6000	25.1	75.1	79.1	80.6	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.
≥ 5000	25.9	78.2	82.4	83.8	84.	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.8	84.
≥ 4500	26.0	79.3	83.5	85.0	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.
≥ 4000	26.4	81.7	86.2	88.0	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.1	89.
≥ 3500	26.4	82.0	86.6	88.5	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.
≥ 3000	26.4	83.0	87.5	89.4	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.
≥ 2500	26.4	84.3	89.0	90.9	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.
≥ 2000	26.4	85.5	90.4	92.4	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.
≥ 1800	26.4	85.9	90.8	92.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4	94.
≥ 1500	26.4	86.5	91.4	93.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.
≥ 1200	26.4	87.2	92.2	94.7	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.
≥ 1000	26.4	87.4	92.7	95.2	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.
≥ 900	26.4	87.5	92.9	95.4	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97
≥ 800	26.4	87.5	92.9	95.6	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98
≥ 700	26.4	88.0	93.4	96.0	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98
≥ 600	26.4	88.0	93.4	96.0	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98
≥ 500	26.4	88.0	93.4	96.0	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98
≥ 400	26.4	88.0	93.4	96.0	97.7	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99
≥ 300	26.4	88.0	93.4	96.0	97.7	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99
≥ 200	26.4	88.0	93.4	96.0	97.7	98.0	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99
≥ 100	26.4	88.0	93.4	96.0	97.7	98.0	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99
≥ 0	26.4	88.0	93.4	96.0	97.7	98.0	98.6	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.9	100

TOTAL NUMBER OF OBSERVATIONS 8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

72424D	FT KNOX/GOODMAN AAF KY	65-70,75-78	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-050
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.2	53.1	57.1	58.9	59.1	59.3	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.
≥ 20000	19.2	55.7	60.1	62.4	63.0	63.2	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.
≥ 18000	19.2	55.8	60.2	62.5	63.1	63.3	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.
≥ 16000	19.2	55.8	60.2	62.5	63.1	63.3	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.
≥ 14000	19.2	55.9	60.3	62.6	63.2	63.4	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.
≥ 12000	19.9	58.2	62.7	65.2	65.7	66.0	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.
≥ 10000	20.4	61.9	66.4	69.0	69.6	69.8	70.6	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.
≥ 9000	20.8	63.0	67.5	70.0	70.6	70.8	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.
≥ 8000	21.5	66.0	70.7	73.6	74.3	74.5	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	76.
≥ 7000	21.8	67.4	72.2	75.1	75.8	76.0	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.
≥ 6000	21.9	68.6	73.8	76.7	77.4	77.7	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.
≥ 5000	22.1	70.6	76.0	79.2	80.2	80.4	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	82.
≥ 4500	22.2	72.2	77.8	80.9	81.9	82.2	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.
≥ 4000	22.2	73.3	79.1	82.4	83.7	84.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.
≥ 3500	22.3	74.3	80.2	83.8	85.1	85.4	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	87.
≥ 3000	22.3	75.6	81.6	85.4	86.7	87.0	88.0	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.
≥ 2500	22.3	75.7	81.7	85.5	86.9	87.3	88.2	88.5	88.5	88.7	88.7	88.7	88.7	88.8	88.8	89.
≥ 2000	22.3	76.6	83.2	87.0	88.8	89.1	90.0	90.4	90.4	90.5	90.6	90.6	90.6	90.7	90.7	91.
≥ 1800	22.3	77.2	84.0	88.0	89.7	90.0	91.0	91.3	91.3	91.4	91.6	91.6	91.6	91.7	91.7	92.
≥ 1500	22.3	77.9	85.0	88.9	90.6	91.0	92.2	92.6	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.
≥ 1200	22.3	78.8	86.0	89.9	91.9	92.2	93.5	93.9	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.
≥ 1000	22.3	79.1	86.2	90.3	92.4	92.7	94.0	94.3	94.3	94.4	94.6	94.6	94.6	94.7	94.7	95.
≥ 900	22.3	79.4	86.7	90.9	93.1	93.4	94.7	95.0	95.0	95.1	95.3	95.3	95.3	95.4	95.4	95.
≥ 800	22.3	79.6	87.0	91.3	93.6	94.0	95.5	95.8	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96
≥ 700	22.3	79.7	87.3	91.6	93.9	94.2	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96
≥ 600	22.3	79.7	87.4	91.9	94.4	94.8	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97
≥ 500	22.3	79.7	87.4	91.9	94.7	95.0	96.9	97.3	97.5	97.6	97.7	97.7	97.7	97.8	97.8	98
≥ 400	22.3	79.9	87.5	92.2	95.3	95.7	97.7	98.1	98.3	98.4	98.5	98.5	98.5	98.6	98.6	99
≥ 300	22.3	79.9	87.5	92.2	95.3	95.7	97.7	98.1	98.3	98.5	98.6	98.6	98.6	98.8	98.8	99
≥ 200	22.3	79.9	87.5	92.2	95.3	95.7	97.7	98.1	98.3	98.5	98.6	98.6	98.6	98.8	98.8	99
≥ 100	22.3	79.9	87.5	92.2	95.3	95.7	97.7	98.1	98.3	98.5	98.6	98.7	98.7	99.1	99.2	99
≥ 0	22.3	79.9	87.5	92.2	95.3	95.7	97.7	98.1	98.3	98.5	98.6	98.7	98.7	99.1	99.2	100

TOTAL NUMBER OF OBSERVATIONS 8

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-08 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥
NO CEILING	24.8	47.7	50.8	54.3	55.8	56.7	57.4	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57
≥ 20000	25.4	50.9	54.2	57.7	59.4	60.4	61.1	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61
≥ 18000	25.4	50.9	54.2	57.7	59.4	60.4	61.1	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61
≥ 16000	25.4	50.9	54.2	57.7	59.4	60.4	61.1	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61
≥ 14000	25.4	51.2	54.5	58.0	59.8	60.7	61.4	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61
≥ 12000	25.8	53.1	56.5	60.1	62.0	63.0	63.6	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64
≥ 10000	26.4	56.3	60.4	64.1	66.0	67.0	67.6	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68
≥ 9000	26.9	57.1	61.2	64.8	67.0	68.0	68.6	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69
≥ 8000	27.2	60.0	64.1	67.9	70.2	71.2	71.8	72.1	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72
≥ 7000	28.0	61.5	65.7	69.5	71.8	72.8	73.5	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74
≥ 6000	28.3	63.0	67.4	71.3	73.9	74.9	75.5	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76
≥ 5000	28.4	64.6	69.3	73.2	76.(	77.0	77.8	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78
≥ 4500	28.7	65.5	70.2	74.3	77.2	78.2	79.2	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79
≥ 4000	29.0	67.0	72.3	76.5	79.6	80.6	81.8	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82
≥ 3500	29.7	67.9	73.2	77.5	80.8	81.8	83.1	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83
≥ 3000	29.7	68.8	74.3	78.5	82.1	83.1	84.4	84.6	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85
≥ 2500	29.8	69.4	75.0	79.2	82.7	83.7	85.0	85.3	85.3	85.7	85.7	85.7	85.8	85.8	85.8	85
≥ 2000	30.1	70.1	75.8	80.5	84.4	85.4	86.9	87.3	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87
≥ 1800	30.1	70.3	76.1	80.9	85.0	86.1	87.6	87.9	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88
≥ 1500	30.1	71.2	77.0	82.0	86.2	87.3	88.8	89.1	89.1	89.4	89.4	89.4	89.5	89.5	89.5	8
≥ 1200	30.3	72.3	78.5	83.6	88.1	89.4	91.2	91.5	91.5	91.8	91.8	91.8	91.9	91.9	91.9	9
≥ 1000	30.3	73.6	80.5	85.5	90.2	91.5	93.2	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.0	9
≥ 900	30.4	73.9	80.8	85.9	90.5	91.9	93.6	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.4	9
≥ 800	30.4	74.2	81.3	86.5	91.3	92.7	94.4	94.7	94.7	95.0	95.0	95.0	95.1	95.1	95.1	9
≥ 700	30.4	74.2	81.3	86.5	91.3	92.7	94.5	94.8	94.8	95.1	95.1	95.1	95.3	95.3	95.3	9
≥ 600	30.4	74.4	81.7	86.9	91.8	93.2	95.1	95.5	95.5	95.8	95.8	95.8	95.9	95.9	95.9	9
≥ 500	30.4	74.6	81.9	87.4	92.2	93.7	96.2	96.5	96.7	97.0	97.0	97.0	97.1	97.1	97.1	9
≥ 400	30.4	74.6	82.0	87.6	92.6	94.1	96.8	97.2	97.5	97.8	97.8	97.8	98.0	98.0	98.0	9
≥ 300	30.4	74.6	82.0	87.7	92.7	94.3	97.0	97.5	98.1	98.5	98.6	98.6	98.7	98.8	98.9	9
≥ 200	30.4	74.6	82.0	87.7	92.7	94.3	97.0	97.5	98.1	98.5	98.6	98.6	98.7	98.8	98.9	9
≥ 100	30.4	74.6	82.0	87.7	92.7	94.3	97.0	97.5	98.1	98.5	98.6	98.6	98.7	98.9	99.0	
≥ 0	30.4	74.6	82.0	87.7	92.7	94.3	97.0	97.5	98.1	98.5	98.6	98.6	98.7	98.9	99.0	1

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

72424C (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-11 (HOURS (L.S.T.

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥
NO CEILING	32.9	55.3	57.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59
≥ 20000	35.0	59.2	61.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63
≥ 18000	35.0	59.2	61.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63
≥ 16000	35.0	59.2	61.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63
≥ 14000	35.1	59.8	61.9	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63
≥ 12000	35.5	61.4	63.6	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65
≥ 10000	35.8	63.5	66.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68
≥ 9000	36.1	64.5	67.2	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69
≥ 8000	36.8	66.9	69.6	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71
≥ 7000	38.1	69.0	71.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74
≥ 6000	38.5	70.0	72.8	75.0	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75
≥ 5000	38.8	71.3	74.4	76.6	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77
≥ 4500	39.3	72.2	75.5	77.7	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78
≥ 4000	39.6	73.0	76.5	78.6	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79
≥ 3500	39.9	73.6	77.0	79.2	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80
≥ 3000	40.3	75.0	78.4	80.6	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81
≥ 2500	40.3	76.2	79.6	81.8	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83
≥ 2000	41.0	78.3	82.2	84.6	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86
≥ 1800	41.3	79.0	83.1	85.5	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87
≥ 1500	42.0	80.5	84.6	87.1	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88
≥ 1200	42.2	82.6	86.9	90.0	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92
≥ 1000	42.3	84.3	88.8	92.0	93.9	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94
≥ 900	42.3	84.7	89.2	92.6	94.4	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95
≥ 800	42.3	85.3	90.2	93.5	95.7	96.3	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97
≥ 700	42.3	85.4	90.3	93.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97
≥ 600	42.3	85.4	90.3	93.9	96.2	96.9	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97
≥ 500	42.3	85.4	90.3	93.9	96.2	97.0	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98
≥ 400	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99
≥ 300	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99
≥ 200	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100
≥ 100	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100
≥ 0	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-14 (HOUND (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.0	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53
≥ 20000	37.2	59.3	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	60
≥ 18000	37.2	59.3	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	60
≥ 16000	37.2	59.3	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	60
≥ 14000	37.3	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60
≥ 12000	38.1	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62
≥ 10000	39.3	64.7	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65
≥ 9000	39.8	65.6	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66
≥ 8000	40.2	67.2	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68
≥ 7000	41.7	69.5	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70
≥ 6000	42.3	70.6	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72
≥ 5000	43.1	72.9	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74
≥ 4500	43.4	73.6	74.6	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75
≥ 4000	45.2	77.5	78.9	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79
≥ 3500	46.1	79.5	81.0	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82
≥ 3000	46.9	81.7	83.7	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84
≥ 2500	47.2	83.9	85.9	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86
≥ 2000	48.4	86.4	88.5	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90
≥ 1800	48.5	87.6	89.8	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91
≥ 1500	49.1	89.9	92.2	93.4	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94
≥ 1200	49.2	90.9	93.6	95.1	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96
≥ 1000	49.3	91.3	94.0	95.7	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97
≥ 900	49.3	91.4	94.1	95.8	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97
≥ 800	49.3	91.6	94.3	96.0	97.2	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	9
≥ 700	49.4	91.8	94.6	96.3	97.6	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	9
≥ 600	49.4	91.8	94.6	96.4	97.8	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	9
≥ 500	49.4	91.8	94.6	96.5	98.1	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	9
≥ 400	49.4	91.8	94.6	96.9	98.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9
≥ 300	49.4	91.8	94.6	96.9	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
≥ 200	49.4	91.8	94.6	96.9	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
≥ 100	49.4	91.8	94.6	96.9	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
≥ 0	49.4	91.8	94.6	96.9	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

72424C (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-17 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.5	54.6	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55
≥ 20000	37.9	61.2	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62
≥ 18000	37.9	61.2	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62
≥ 16000	37.9	61.2	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62
≥ 14000	38.1	61.6	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63
≥ 12000	39.8	64.0	64.7	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
≥ 10000	41.7	68.2	69.0	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
≥ 9000	42.3	69.5	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71
≥ 8000	42.9	71.5	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73
≥ 7000	44.3	73.8	74.6	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
≥ 6000	45.4	75.5	76.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77
≥ 5000	46.6	77.6	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79
≥ 4500	47.1	78.4	79.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80
≥ 4000	49.2	82.6	84.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85
≥ 3500	49.3	83.9	85.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86
≥ 3000	49.6	85.3	87.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88
≥ 2500	50.4	87.1	89.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90
≥ 2000	51.1	90.0	92.1	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94
≥ 1800	51.1	90.6	93.1	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94
≥ 1500	51.5	91.7	94.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96
≥ 1200	51.6	92.0	94.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97
≥ 1000	51.6	92.0	94.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97
≥ 900	51.6	92.4	95.1	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98
≥ 800	51.6	92.6	95.3	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98
≥ 700	51.6	92.6	95.3	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98
≥ 600	51.6	92.6	95.3	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98
≥ 500	51.6	92.6	95.4	97.8	98.9	98.9	98.9	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99
≥ 400	51.6	92.6	95.4	97.8	98.9	98.9	99.1	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99
≥ 300	51.6	92.6	95.4	97.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99
≥ 200	51.6	92.6	95.4	97.8	98.9	98.9	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100
≥ 100	51.6	92.6	95.4	97.8	98.9	98.9	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100
≥ 0	51.6	92.6	95.4	97.8	98.9	98.9	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GOOMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.0	58.8	60.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 20000	36.0	64.7	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	36.0	64.7	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	36.0	64.7	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	36.0	64.9	66.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	37.0	67.4	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	38.2	71.2	72.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	38.5	72.5	74.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	39.3	75.4	76.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	39.6	76.8	78.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 6000	40.2	78.4	80.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	40.9	80.2	82.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	41.4	81.6	83.5	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	42.0	84.4	86.3	87.7	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	42.3	85.3	87.6	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	42.4	87.3	89.5	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	42.9	88.3	90.7	92.4	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	42.9	89.1	91.8	93.7	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	42.9	89.6	92.3	94.3	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	42.9	90.4	93.1	95.3	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	42.9	90.7	93.4	95.7	96.4	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	42.9	90.8	93.5	95.9	96.7	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	42.9	90.9	93.6	96.0	96.8	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	42.9	90.9	93.6	96.0	96.9	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	42.9	91.0	93.7	96.1	97.1	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	42.9	91.4	94.1	96.4	97.5	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	42.9	91.4	94.1	96.4	97.7	98.2	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	42.9	91.4	94.1	96.4	97.7	98.2	98.8	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	42.9	91.4	94.1	96.4	97.7	98.2	98.8	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	42.9	91.4	94.1	96.4	97.7	98.2	98.9	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	42.9	91.4	94.1	96.4	97.7	98.2	98.9	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	42.9	91.4	94.1	96.4	97.7	98.2	98.9	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-230 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.8	61.8	63.3	64.3	64.5	64.7	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.
≥ 20000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.
≥ 18000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.
≥ 16000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.
≥ 14000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.
≥ 12000	26.4	65.7	67.2	68.2	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.
≥ 10000	27.5	69.3	70.9	71.9	72.1	72.2	72.2	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.
≥ 9000	27.6	69.6	71.1	72.1	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.
≥ 8000	28.2	71.8	73.5	74.5	74.7	74.8	74.8	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.
≥ 7000	28.4	73.0	74.7	75.9	76.1	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.
≥ 6000	28.8	75.1	77.1	78.5	78.9	79.0	79.0	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.
≥ 5000	29.9	78.1	80.4	81.9	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.
≥ 4500	29.9	79.2	81.4	83.1	83.8	83.9	83.9	83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.
≥ 4000	29.9	81.7	84.3	86.6	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.
≥ 3500	30.1	83.4	86.2	88.5	89.7	89.9	90.0	90.0	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.
≥ 3000	30.2	84.7	87.6	90.2	91.4	91.6	91.8	91.8	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.
≥ 2500	30.2	85.7	89.2	91.8	93.0	93.2	93.3	93.3	93.4	93.5	93.6	93.8	93.8	93.8	93.8	93.
≥ 2000	30.2	87.0	90.4	93.0	94.3	94.5	94.6	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.
≥ 1800	30.2	87.4	90.9	93.4	94.8	95.0	95.1	95.1	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.
≥ 1500	30.2	88.4	91.9	94.5	96.1	96.3	96.4	96.4	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.
≥ 1200	30.2	88.7	92.2	94.9	96.5	96.8	96.9	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.
≥ 1000	30.2	88.9	92.4	95.1	96.8	97.0	97.1	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.
≥ 900	30.2	89.0	92.5	95.3	97.0	97.2	97.3	97.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.
≥ 800	30.2	89.0	92.5	95.4	97.1	97.3	97.4	97.4	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.
≥ 700	30.2	89.0	92.5	95.4	97.3	97.5	97.7	97.7	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98
≥ 600	30.2	89.0	92.5	95.5	97.4	97.7	97.8	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98
≥ 500	30.2	89.0	92.5	95.5	97.4	97.7	97.8	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98
≥ 400	30.2	89.0	92.5	95.5	97.4	97.7	98.2	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99
≥ 300	30.2	89.0	92.5	95.5	97.5	97.8	98.6	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99
≥ 200	30.2	89.0	92.5	95.5	97.5	97.8	98.8	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99
≥ 100	30.2	89.0	92.5	95.5	97.5	97.8	98.8	99.1	99.3	99.6	99.7	99.8	99.8	99.9	99.9	100
≥ 0	30.2	89.0	92.5	95.5	97.5	97.8	98.8	99.1	99.3	99.6	99.7	99.8	99.8	99.9	99.9	100

TOTAL NUMBER OF OBSERVATIONS 8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAY
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.6	55.6	57.6	58.8	59.1	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59
≥ 20000	30.0	59.7	61.8	63.2	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64
≥ 18000	30.0	59.7	61.8	63.2	63.5	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64
≥ 16000	30.0	59.7	61.8	63.2	63.5	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64
≥ 14000	30.1	60.0	62.0	63.4	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64
≥ 12000	30.9	62.0	64.1	65.5	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66
≥ 10000	31.8	65.4	67.8	69.3	69.7	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70
≥ 9000	32.1	66.3	68.7	70.2	70.7	70.8	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71
≥ 8000	32.7	68.7	71.1	72.8	73.3	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73
≥ 7000	33.5	70.4	73.0	74.7	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75
≥ 6000	34.0	72.0	74.7	76.5	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77
≥ 5000	34.7	74.1	77.1	78.9	79.7	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80
≥ 4500	35.0	75.2	78.2	80.1	81.0	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81
≥ 4000	35.7	77.6	81.0	83.1	84.0	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84
≥ 3500	36.0	78.7	82.1	84.3	85.3	85.5	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86
≥ 3000	36.2	80.2	83.7	85.9	87.0	87.2	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87
≥ 2500	36.5	81.3	85.0	87.2	88.3	88.5	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89
≥ 2000	36.8	82.9	86.8	89.3	90.5	90.8	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91
≥ 1800	36.9	83.5	87.5	90.0	91.3	91.6	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92
≥ 1500	37.1	84.6	88.6	91.4	92.8	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93
≥ 1200	37.2	85.4	89.7	92.6	94.2	94.6	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95
≥ 1000	37.2	85.9	90.3	93.3	95.1	95.5	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96
≥ 900	37.2	86.2	90.6	93.7	95.4	95.9	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96
≥ 800	37.2	86.4	90.9	94.0	95.9	96.4	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97
≥ 700	37.2	86.5	91.1	94.2	96.2	96.6	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97
≥ 600	37.2	86.6	91.1	94.4	96.4	97.0	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98
≥ 500	37.2	86.6	91.2	94.4	96.6	97.2	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98
≥ 400	37.2	86.6	91.2	94.6	96.9	97.4	98.5	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99
≥ 300	37.2	86.6	91.2	94.6	96.9	97.5	98.6	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99
≥ 200	37.2	86.6	91.2	94.6	96.9	97.5	98.6	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99
≥ 100	37.2	86.6	91.2	94.6	96.9	97.5	98.6	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99
≥ 0	37.2	86.6	91.2	94.6	96.9	97.5	98.6	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.8	10

TOTAL NUMBER OF OBSERVATIONS 7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.6	60.7	65.1	68.4	70.2	70.2	70.2	70.7	70.7	70.8	71.0	71.0	71.1	71.1	71.2	71.
≥ 20000	19.0	62.6	67.7	71.0	73.0	73.0	73.0	73.4	73.4	73.6	73.8	73.8	73.9	73.9	74.0	74.
≥ 18000	19.0	62.6	67.7	71.0	73.0	73.0	73.0	73.4	73.4	73.6	73.8	73.8	73.9	73.9	74.0	74.
≥ 16000	19.0	62.6	67.7	71.0	73.0	73.0	73.0	73.4	73.4	73.6	73.8	73.8	73.9	73.9	74.0	74.
≥ 14000	19.0	62.6	67.7	71.0	73.0	73.0	73.0	73.4	73.4	73.6	73.8	73.8	73.9	73.9	74.0	74.
≥ 12000	19.2	63.1	68.6	71.9	73.9	73.9	73.9	74.3	74.3	74.4	74.7	74.7	74.8	74.8	74.9	74.
≥ 10000	19.8	65.0	70.8	74.2	76.2	76.2	76.2	76.7	76.7	76.8	77.0	77.0	77.1	77.1	77.2	77.
≥ 9000	19.8	66.0	71.9	75.3	77.3	77.3	77.3	77.8	77.8	77.9	78.1	78.1	78.2	78.2	78.3	78.
≥ 8000	20.1	67.2	73.2	76.7	79.0	79.0	79.0	79.4	79.4	79.6	79.8	79.8	79.9	79.9	80.0	80.
≥ 7000	20.4	68.2	74.2	77.8	80.1	80.1	80.1	80.6	80.6	80.7	80.9	80.9	81.0	81.0	81.1	81.
≥ 6000	20.4	69.7	76.0	79.6	81.9	81.9	81.9	82.3	82.3	82.4	82.7	82.7	82.8	82.8	82.9	82.
≥ 5000	20.4	71.4	77.8	81.3	83.7	83.7	83.7	84.1	84.1	84.2	84.4	84.4	84.6	84.6	84.7	84.
≥ 4500	20.4	72.7	79.6	83.1	85.4	85.4	85.4	85.9	85.9	86.0	86.2	86.2	86.3	86.3	86.4	86.
≥ 4000	20.8	75.7	83.1	86.9	89.6	89.7	89.7	90.1	90.1	90.3	90.7	90.7	90.8	90.8	90.9	90.
≥ 3500	20.8	76.4	83.9	87.9	90.6	90.7	90.7	91.1	91.1	91.3	91.7	91.7	91.8	91.8	91.9	91.
≥ 3000	20.9	77.2	84.7	89.1	92.2	92.4	92.4	92.9	92.9	93.1	93.4	93.4	93.6	93.6	93.7	93.
≥ 2500	20.8	77.9	85.4	89.9	93.0	93.2	93.2	93.7	93.7	93.9	94.2	94.2	94.3	94.3	94.4	94.
≥ 2000	20.8	78.0	85.7	90.1	93.7	93.9	93.9	94.3	94.3	94.6	94.9	94.9	95.0	95.0	95.1	95.
≥ 1800	21.0	78.3	86.0	90.6	94.1	94.3	94.3	94.8	94.8	95.0	95.3	95.3	95.4	95.4	95.6	95.
≥ 1500	21.2	78.9	86.6	91.1	94.7	94.9	94.9	95.3	95.3	95.6	95.9	95.9	96.0	96.0	96.1	96.
≥ 1200	21.2	79.4	87.1	91.8	95.3	95.6	95.6	96.0	96.0	96.2	96.6	96.6	96.7	96.7	96.8	96.
≥ 1000	21.2	79.7	87.4	92.4	96.2	96.4	96.4	97.0	97.0	97.2	97.6	97.6	97.7	97.7	97.8	97.
≥ 900	21.2	79.7	87.4	92.4	96.2	96.4	96.4	97.0	97.0	97.2	97.6	97.6	97.7	97.7	97.8	97.
≥ 800	21.2	79.7	87.4	92.4	96.2	96.4	96.4	97.0	97.0	97.2	97.6	97.6	97.7	97.7	97.8	97.
≥ 700	21.2	79.7	87.4	92.4	96.3	96.6	96.6	97.1	97.1	97.3	97.7	97.7	97.8	97.8	97.9	97.
≥ 600	21.2	79.7	87.4	92.4	96.4	96.7	96.7	97.4	97.4	97.7	98.0	98.0	98.1	98.1	98.2	98.
≥ 500	21.2	80.0	88.1	93.1	97.2	97.4	97.4	98.2	98.2	98.4	98.8	98.8	98.9	98.9	99.0	99.
≥ 400	21.2	80.0	88.1	93.1	97.2	97.4	97.4	98.2	98.2	98.6	98.9	98.9	99.0	99.0	99.1	99.
≥ 300	21.2	80.0	88.1	93.1	97.2	97.4	97.4	98.2	98.3	98.7	99.0	99.0	99.1	99.1	99.2	99.
≥ 200	21.2	80.0	88.1	93.1	97.2	97.4	97.4	98.2	98.3	98.7	99.0	99.0	99.1	99.1	99.2	99.
≥ 100	21.2	80.0	88.1	93.1	97.2	97.4	97.4	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.6	99.
≥ 0	21.2	80.0	88.1	93.1	97.2	97.4	97.4	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.6	100

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC FORM JUL 84 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.6	46.8	55.1	59.8	62.4	62.9	64.9	65.4	65.6	65.6	65.6	65.6	65.7	65.7	66.0	66.
≥ 20000	13.0	48.8	57.4	62.2	65.0	65.4	67.4	68.1	68.2	68.2	68.3	68.3	68.4	68.4	68.8	69.
≥ 18000	13.0	48.9	57.6	62.3	65.1	65.6	67.6	68.2	68.3	68.3	68.4	68.4	68.6	68.6	68.9	69.
≥ 16000	13.0	48.9	57.6	62.3	65.1	65.6	67.6	68.2	68.3	68.3	68.4	68.4	68.6	68.6	68.9	69.
≥ 14000	13.0	49.3	58.0	62.8	65.6	66.0	68.0	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.3	69.
≥ 12000	13.2	50.3	59.0	64.0	66.8	67.2	69.2	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.6	70.
≥ 10000	14.2	52.7	61.4	66.7	69.4	69.9	71.9	72.6	72.7	72.7	72.8	72.8	72.9	72.9	73.2	73.
≥ 9000	14.3	53.1	62.0	67.2	70.1	70.6	72.7	73.3	73.4	73.4	73.6	73.6	73.7	73.7	74.0	74.
≥ 8000	14.6	55.2	64.2	69.4	72.7	73.1	75.2	75.9	76.0	76.0	76.1	76.1	76.2	76.2	76.6	76.
≥ 7000	14.7	56.1	65.2	70.4	73.7	74.1	76.2	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.6	77.
≥ 6000	15.0	57.1	66.2	71.4	74.8	75.2	77.3	78.0	78.2	78.2	78.3	78.3	78.4	78.4	78.8	79.
≥ 5000	15.0	58.4	67.6	72.8	76.3	76.8	78.9	79.6	79.8	79.8	79.9	79.9	80.0	80.0	80.3	80.
≥ 4500	15.0	59.7	69.1	74.3	77.9	78.4	80.6	81.2	81.4	81.4	81.6	81.6	81.7	81.7	82.0	82.
≥ 4000	15.0	61.7	71.9	77.6	81.1	81.7	83.9	84.6	84.8	84.9	85.0	85.0	85.1	85.1	85.4	85.
≥ 3500	15.1	62.6	72.9	78.8	82.4	83.0	85.3	86.0	86.2	86.3	86.4	86.4	86.6	86.6	86.9	87.
≥ 3000	15.1	63.0	73.3	79.7	83.4	84.0	86.3	87.0	87.2	87.3	87.4	87.4	87.6	87.6	87.9	88.
≥ 2500	15.2	63.9	74.4	80.8	84.7	85.2	87.6	88.2	88.4	88.6	88.7	88.7	88.8	88.8	89.1	89.
≥ 2000	15.2	64.1	74.7	81.0	84.9	85.4	87.8	88.4	88.8	88.9	89.0	89.0	89.1	89.1	89.4	89.
≥ 1800	15.3	64.4	75.1	81.7	85.7	86.2	88.6	89.2	89.6	89.7	89.8	89.8	89.9	89.9	90.2	90.
≥ 1500	15.7	65.2	76.0	82.8	86.9	87.6	90.0	90.7	91.0	91.1	91.2	91.2	91.3	91.3	91.7	92.
≥ 1200	15.7	66.3	77.2	84.1	88.2	88.9	91.6	92.2	92.6	92.7	92.8	92.8	92.9	92.9	93.2	93.
≥ 1000	15.7	66.6	77.6	84.8	89.0	89.8	92.6	93.2	93.6	93.7	93.8	93.8	93.9	93.9	94.2	94.
≥ 900	15.7	66.8	77.8	85.0	89.3	90.3	93.1	93.8	94.1	94.2	94.3	94.3	94.4	94.4	94.8	95.
≥ 800	15.7	67.0	78.1	85.6	90.0	91.0	93.8	94.4	94.8	94.9	95.0	95.0	95.1	95.1	95.4	95.
≥ 700	15.7	67.6	78.8	86.2	90.7	91.7	94.4	95.1	95.4	95.6	95.7	95.7	95.8	95.8	96.1	96
≥ 600	15.7	67.6	78.8	86.2	91.0	92.0	94.8	95.6	95.9	96.0	96.1	96.1	96.2	96.2	96.6	96
≥ 500	15.7	67.7	79.1	86.6	91.3	92.3	95.1	95.9	96.2	96.3	96.4	96.4	96.6	96.6	96.9	97
≥ 400	15.7	68.0	79.4	87.0	91.8	92.8	95.6	96.3	96.8	96.9	97.0	97.0	97.1	97.1	97.4	98
≥ 300	15.7	68.0	79.4	87.0	92.2	93.2	96.0	96.8	97.3	97.4	97.6	97.6	97.7	97.7	98.0	98
≥ 200	15.7	68.0	79.4	87.0	92.2	93.2	96.2	97.0	97.6	97.7	97.9	97.9	98.0	98.0	98.3	99
≥ 100	15.7	68.0	79.4	87.0	92.2	93.2	96.2	97.0	97.6	97.7	97.9	97.9	98.2	98.2	98.6	99
≥ 0	15.7	68.0	79.4	87.0	92.2	93.2	96.2	97.0	97.6	97.7	97.9	97.9	98.2	98.3	98.7	100

TOTAL NUMBER OF OBSERVATIONS _____ 9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

0600-08 (HOURS [L.S.T.])

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥
NO CEILING	18.3	44.9	52.2	55.0	57.0	58.3	59.9	60.6	60.7	61.0	61.3	61.3	61.3	61.3	61.3	61
≥ 20000	19.2	47.4	55.7	59.1	62.0	63.7	65.2	65.9	66.0	66.3	66.7	66.7	66.7	66.7	66.7	67
≥ 18000	19.2	47.4	55.7	59.1	62.0	63.7	65.2	65.9	66.0	66.3	66.7	66.7	66.7	66.7	66.7	67
≥ 16000	19.2	47.4	55.7	59.1	62.0	63.7	65.2	65.9	66.0	66.3	66.7	66.7	66.7	66.7	66.7	67
≥ 14000	19.2	47.9	56.1	59.6	62.6	64.2	65.8	66.4	66.6	66.9	67.2	67.2	67.2	67.2	67.2	67
≥ 12000	19.4	48.4	56.8	60.2	63.3	65.1	67.0	67.7	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68
≥ 10000	20.7	51.6	60.4	64.3	67.8	69.6	71.6	72.2	72.3	72.8	73.1	73.1	73.1	73.1	73.1	73
≥ 9000	21.6	53.1	62.1	66.0	69.4	71.2	73.2	73.9	74.0	74.4	74.8	74.8	74.8	74.8	74.8	75
≥ 8000	22.1	55.7	64.9	68.9	72.4	74.3	76.3	77.0	77.1	77.6	77.9	77.9	77.9	77.9	77.9	78
≥ 7000	22.2	56.0	65.3	69.4	73.0	75.0	77.0	77.7	77.8	78.2	78.6	78.6	78.6	78.6	78.6	78
≥ 6000	22.4	56.6	65.9	70.0	73.6	75.6	77.6	78.2	78.3	78.8	79.1	79.1	79.1	79.1	79.1	79
≥ 5000	22.7	57.2	66.6	70.7	74.2	76.2	78.2	78.9	79.0	79.4	79.8	79.8	79.8	79.8	79.8	80
≥ 4500	22.8	58.0	67.3	71.6	75.1	77.2	79.6	80.3	80.4	80.9	81.2	81.2	81.2	81.2	81.2	81
≥ 4000	22.9	59.3	68.8	73.1	77.0	79.1	81.4	82.2	82.3	82.8	83.1	83.1	83.1	83.1	83.1	83
≥ 3500	23.0	60.1	70.0	74.3	78.2	80.3	82.7	83.6	83.7	84.1	84.4	84.4	84.4	84.4	84.4	84
≥ 3000	23.0	60.4	70.3	74.7	78.8	81.0	83.4	84.4	84.6	85.1	85.6	85.6	85.6	85.6	85.6	85
≥ 2500	23.0	60.7	70.6	75.0	79.1	81.4	83.9	85.0	85.2	85.8	86.2	86.2	86.2	86.2	86.2	86
≥ 2000	23.3	61.4	71.3	75.9	80.1	82.4	84.9	86.1	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87
≥ 1800	23.3	61.7	71.6	76.1	80.3	82.7	85.1	86.3	86.6	87.1	87.6	87.6	87.6	87.6	87.6	87
≥ 1500	23.3	62.0	72.1	77.0	81.3	83.8	86.3	87.7	87.9	88.4	88.9	88.9	88.9	88.9	88.9	88
≥ 1200	23.4	62.8	73.0	77.9	82.2	84.7	87.2	88.6	88.8	89.3	89.8	89.8	89.8	89.8	89.8	90
≥ 1000	23.4	63.6	74.1	79.3	84.0	86.4	89.0	90.3	90.6	91.2	91.7	91.7	91.7	91.7	91.7	92
≥ 900	23.8	64.0	74.6	79.8	84.7	87.2	90.0	91.3	91.6	92.2	92.7	92.7	92.7	92.7	92.7	93
≥ 800	23.9	64.2	74.9	80.2	85.1	87.7	90.4	91.8	92.0	92.7	93.2	93.2	93.2	93.2	93.2	9
≥ 700	23.9	64.4	75.1	80.9	85.9	88.4	91.3	92.7	92.9	93.6	94.1	94.1	94.1	94.1	94.1	9
≥ 600	23.9	64.7	75.4	81.2	86.4	89.2	92.1	93.4	93.7	94.3	94.9	94.9	94.9	94.9	94.9	9
≥ 500	23.9	65.0	76.1	81.9	87.4	90.2	93.3	94.9	95.1	95.8	96.4	96.4	96.4	96.4	96.4	9
≥ 400	23.9	65.2	76.3	82.6	88.9	91.9	95.0	96.7	96.9	97.8	98.4	98.4	98.4	98.4	98.4	9
≥ 300	23.9	65.2	76.3	82.6	88.9	91.9	95.0	96.9	97.1	98.2	98.9	98.9	98.9	98.9	98.9	9
≥ 200	23.9	65.2	76.3	82.6	88.9	91.9	95.2	97.1	97.3	98.4	99.1	99.2	99.2	99.2	99.2	9
≥ 100	23.9	65.2	76.3	82.6	88.9	91.9	95.2	97.1	97.3	98.4	99.1	99.2	99.3	99.3	99.3	9
≥ 0	23.9	65.2	76.3	82.6	88.9	91.9	95.2	97.1	97.3	98.4	99.1	99.2	99.3	99.3	99.3	10

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724240 (STATION) FT KNOX/GOOMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

0900-11 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.0	55.1	56.7	58.2	59.3	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.
≥ 20000	27.4	59.2	60.9	62.6	64.0	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.
≥ 18000	27.4	59.2	60.9	62.6	64.0	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.
≥ 16000	27.4	59.2	60.9	62.6	64.0	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.
≥ 14000	27.4	59.2	60.9	62.6	64.0	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.
≥ 12000	27.9	60.6	62.2	63.9	65.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.
≥ 10000	29.0	63.7	65.7	67.8	69.4	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.
≥ 9000	29.3	64.3	66.4	68.6	70.2	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.
≥ 8000	29.9	66.8	68.9	71.1	72.8	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.
≥ 7000	30.1	68.0	70.1	72.3	74.0	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.
≥ 6000	30.7	68.9	71.1	73.3	75.0	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
≥ 5000	31.1	69.7	72.0	74.2	75.9	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.
≥ 4500	31.3	70.4	73.2	75.9	77.6	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.
≥ 4000	32.0	72.8	75.8	78.4	80.1	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.
≥ 3500	32.1	73.9	76.9	79.7	81.3	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.
≥ 3000	32.3	75.0	78.0	80.8	82.4	83.8	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.
≥ 2500	32.8	75.8	78.9	81.7	83.3	84.7	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.
≥ 2000	33.3	77.4	80.9	84.1	85.8	87.1	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.
≥ 1800	33.6	78.4	82.0	85.4	87.1	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.
≥ 1500	33.6	79.7	84.4	88.1	89.9	91.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.
≥ 1200	34.0	80.9	85.8	89.7	91.6	93.0	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.
≥ 1000	34.1	81.7	86.8	91.0	93.0	94.4	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.
≥ 900	34.1	82.3	87.6	91.9	93.9	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.
≥ 800	34.1	82.8	88.1	92.4	94.6	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.
≥ 700	34.3	83.2	88.9	93.2	95.3	97.0	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.
≥ 600	34.3	83.3	89.3	93.8	96.1	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.
≥ 500	34.3	83.6	89.6	94.2	96.7	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 400	34.3	83.6	89.6	94.2	96.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 300	34.3	83.6	89.6	94.2	96.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 200	34.3	83.6	89.6	94.2	96.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 100	34.3	83.6	89.6	94.2	96.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 0	34.3	83.6	89.6	94.2	96.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC FORM JUL 82 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-140 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	28.3	51.0	52.9	54.2	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.
≥ 20000	29.9	56.1	58.2	59.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
≥ 18000	29.9	56.1	58.2	59.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
≥ 16000	29.9	56.1	58.2	59.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
≥ 14000	29.9	56.1	58.2	59.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
≥ 12000	30.7	58.1	60.2	61.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.
≥ 10000	32.2	61.7	64.1	66.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.
≥ 9000	32.2	62.9	65.3	67.2	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.
≥ 8000	33.0	64.8	67.2	69.1	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.
≥ 7000	33.6	66.6	69.0	70.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.
≥ 6000	34.2	67.3	69.9	71.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.
≥ 5000	35.0	68.6	71.3	73.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.
≥ 4500	35.8	70.0	73.1	75.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
≥ 4000	37.6	75.4	78.8	81.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.
≥ 3500	38.3	78.4	81.9	84.7	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.
≥ 3000	39.2	80.9	84.3	87.4	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.
≥ 2500	39.6	82.6	86.0	89.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91
≥ 2000	40.4	84.9	88.7	91.8	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93
≥ 1800	40.4	85.7	89.6	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94
≥ 1500	40.7	86.6	90.9	94.2	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96
≥ 1200	40.7	87.2	91.7	95.0	96.4	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97
≥ 1000	40.9	87.6	92.1	95.7	97.2	98.0	98.1	98.1	98.1	96.1	98.1	98.1	98.1	98.1	98.1	98
≥ 900	40.9	88.1	92.7	96.2	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ 800	40.9	88.2	92.8	96.3	97.9	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98
≥ 700	40.9	88.6	93.1	96.9	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99
≥ 600	40.9	88.6	93.1	96.9	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99
≥ 500	40.9	88.6	93.2	97.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 400	40.9	88.6	93.2	97.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 300	40.9	88.6	93.2	97.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 200	40.9	88.6	93.2	97.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 100	40.9	88.6	93.2	97.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 0	40.9	88.6	93.2	97.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JU (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500- (HOURS (L

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	
NO CEILING	32.1	60.2	62.4	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
≥ 20000	34.8	65.0	67.8	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
≥ 18000	34.8	65.0	67.8	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
≥ 16000	34.8	65.0	67.8	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
≥ 14000	34.8	65.0	67.8	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
≥ 12000	35.8	66.8	69.6	71.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
≥ 10000	36.8	70.2	73.1	74.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
≥ 9000	37.0	71.0	73.9	75.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
≥ 8000	37.6	74.6	77.4	78.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
≥ 7000	38.4	76.1	79.0	80.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
≥ 6000	38.9	76.8	79.7	81.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
≥ 5000	39.1	77.6	80.4	81.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
≥ 4500	39.4	78.7	81.6	83.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
≥ 4000	39.9	81.2	84.4	86.0	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
≥ 3500	40.2	83.0	86.7	88.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
≥ 3000	40.4	85.0	89.3	91.1	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
≥ 2500	41.0	86.8	91.3	93.1	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
≥ 2000	41.3	87.8	92.4	94.2	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	
≥ 1800	41.4	88.0	92.7	94.4	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	
≥ 1500	41.6	88.2	92.9	94.8	97.0	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	
≥ 1200	41.9	88.8	93.4	95.4	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	
≥ 1000	41.9	88.8	93.4	95.4	97.7	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	
≥ 900	41.9	89.2	93.9	95.9	98.1	98.3	98.6	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	
≥ 800	42.0	89.6	94.2	96.2	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	
≥ 700	42.0	89.7	94.3	96.3	98.8	99.0	99.2	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	
≥ 600	42.0	89.7	94.3	96.3	98.9	99.1	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	
≥ 500	42.0	89.7	94.3	96.3	98.9	99.1	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	
≥ 400	42.0	89.7	94.3	96.4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
≥ 300	42.0	89.7	94.3	96.4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
≥ 200	42.0	89.7	94.3	96.4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
≥ 100	42.0	89.7	94.3	96.4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
≥ 0	42.0	89.7	94.3	96.4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2 (HOURS (L.S.T.

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥
NO CEILING	29.3	62.7	65.2	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68
≥ 20000	29.9	66.3	69.9	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73
≥ 18000	29.9	66.6	70.1	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73
≥ 16000	29.9	66.6	70.1	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73
≥ 14000	30.1	66.9	70.4	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73
≥ 12000	30.8	68.3	71.9	74.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75
≥ 10000	32.0	71.3	75.1	77.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79
≥ 9000	32.6	72.2	76.0	78.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80
≥ 8000	33.6	75.6	79.4	82.2	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83
≥ 7000	34.2	77.0	81.0	83.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85
≥ 6000	34.2	77.2	81.2	84.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85
≥ 5000	34.6	78.4	82.4	85.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86
≥ 4500	34.7	79.9	84.0	87.1	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88
≥ 4000	35.2	81.7	86.3	89.6	91.0	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91
≥ 3500	35.4	83.3	88.1	91.4	93.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93
≥ 3000	35.6	84.9	90.1	93.6	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95
≥ 2500	35.7	85.1	90.6	94.0	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96
≥ 2000	36.1	86.2	91.9	95.4	97.1	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97
≥ 1800	36.1	86.2	91.9	95.4	97.1	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98
≥ 1500	36.1	86.2	92.1	95.7	97.3	97.9	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98
≥ 1200	36.1	86.3	92.2	95.8	97.4	98.0	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98
≥ 1000	36.1	86.3	92.4	96.0	97.7	98.2	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ 900	36.1	86.3	92.4	96.0	97.7	98.2	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ 800	36.1	86.3	92.6	96.1	98.1	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99
≥ 700	36.1	86.4	92.8	96.3	98.4	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99
≥ 600	36.1	86.4	92.9	96.4	98.6	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99
≥ 500	36.1	86.4	92.9	96.6	98.8	99.3	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	9
≥ 400	36.1	86.4	92.9	96.6	98.9	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	10
≥ 300	36.1	86.4	92.9	96.6	98.9	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	10
≥ 200	36.1	86.4	92.9	96.6	98.9	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	10
≥ 100	36.1	86.4	92.9	96.6	98.9	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	10
≥ 0	36.1	86.4	92.9	96.6	98.9	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	10

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2 (HOURS (L

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	
NO CEILING	22.7	63.9	67.6	69.6	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	7
≥ 20000	23.2	66.9	71.6	73.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	7
≥ 18000	23.2	66.9	71.6	73.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	7
≥ 16000	23.2	66.9	71.6	73.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	7
≥ 14000	23.2	67.0	71.7	73.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	7
≥ 12000	23.9	68.4	73.3	75.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	7
≥ 10000	24.3	70.3	75.4	77.8	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	7
≥ 9000	24.7	70.9	76.0	78.3	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	8
≥ 8000	25.4	73.8	79.2	81.8	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	8
≥ 7000	25.8	75.1	80.6	83.1	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	8
≥ 6000	25.8	76.1	81.7	84.2	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	8
≥ 5000	25.8	77.4	83.1	85.8	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	8
≥ 4500	25.8	78.3	84.0	86.7	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	8
≥ 4000	26.8	81.3	87.3	90.3	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	9
≥ 3500	26.8	82.7	88.9	92.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	9
≥ 3000	27.0	83.8	90.2	93.3	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	9
≥ 2500	27.0	84.6	91.2	94.3	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	
≥ 2000	27.0	84.8	91.6	94.7	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	
≥ 1800	27.1	85.0	91.8	94.9	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	
≥ 1500	27.1	85.0	91.8	95.1	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	
≥ 1200	27.1	85.0	91.9	95.2	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	
≥ 1000	27.1	85.1	92.1	95.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	
≥ 900	27.1	85.1	92.1	95.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	
≥ 800	27.1	85.1	92.1	95.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	
≥ 700	27.1	85.1	92.1	95.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	
≥ 600	27.1	85.2	92.2	95.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	
≥ 500	27.1	85.4	92.4	95.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	
≥ 400	27.1	85.4	92.4	96.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	
≥ 300	27.1	85.4	92.4	96.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	
≥ 200	27.1	85.4	92.4	96.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	
≥ 100	27.1	85.4	92.4	96.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	
≥ 0	27.1	85.4	92.4	96.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	23.9	55.7	59.7	62.0	63.3	63.7	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.
≥ 20000	24.6	59.0	63.6	66.2	67.9	68.3	68.8	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.
≥ 18000	24.6	59.1	63.7	66.2	67.9	68.4	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.
≥ 16000	24.6	59.1	63.7	66.2	67.9	68.4	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.
≥ 14000	24.6	59.3	63.8	66.4	68.	68.6	69.1	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.
≥ 12000	25.1	60.5	65.2	67.8	69.6	70.0	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.
≥ 10000	26.1	63.3	68.3	71.2	73.0	73.5	74.1	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.
≥ 9000	26.4	64.2	69.2	72.1	74.0	74.5	75.1	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.
≥ 8000	27.0	66.7	71.8	74.8	76.8	77.3	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.
≥ 7000	27.4	67.9	73.1	76.0	78.0	78.6	79.2	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.
≥ 6000	27.7	68.7	74.0	77.0	79.0	79.5	80.1	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.
≥ 5000	28.0	69.8	75.2	78.2	80.2	80.8	81.4	81.6	81.7	81.7	81.8	81.8	81.9	81.9	81.
≥ 4500	28.2	71.0	76.5	79.6	81.7	82.3	82.9	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.
≥ 4000	28.8	73.6	79.6	82.9	85.1	85.8	86.5	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.
≥ 3500	29.0	75.1	81.2	84.6	87.0	87.7	88.3	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.
≥ 3000	29.2	76.3	82.5	86.2	88.7	89.5	90.2	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.
≥ 2500	29.4	77.2	83.6	87.2	89.8	90.5	91.2	91.6	91.6	91.7	91.8	91.9	91.9	91.9	91.
≥ 2000	29.7	78.1	84.6	88.4	91.1	91.8	92.5	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.
≥ 1800	29.8	78.5	85.1	88.9	91.6	92.3	93.1	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.
≥ 1500	29.9	79.0	85.8	89.8	92.6	93.4	94.2	94.5	94.6	94.8	94.9	94.9	94.9	94.9	95.
≥ 1200	30.0	79.6	86.5	90.6	93.4	94.2	95.0	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.
≥ 1000	30.1	79.9	87.0	91.3	94.2	95.0	95.8	96.2	96.3	96.4	96.5	96.6	96.6	96.6	96.
≥ 900	30.1	80.2	87.3	91.6	94.5	95.4	96.2	96.6	96.7	96.8	97.0	97.0	97.0	97.0	97.
≥ 800	30.1	80.4	87.5	91.8	94.9	95.8	96.6	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.
≥ 700	30.2	80.6	87.8	92.2	95.3	96.2	97.1	97.5	97.6	97.7	97.9	97.9	97.9	97.9	98.
≥ 600	30.2	80.6	87.9	92.4	95.6	96.6	97.4	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.
≥ 500	30.2	80.8	88.2	92.7	96.0	97.0	97.9	98.4	98.5	98.6	98.8	98.8	98.9	98.9	98.
≥ 400	30.2	80.9	88.3	92.9	96.3	97.3	98.3	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.
≥ 300	30.2	80.9	88.3	92.9	96.4	97.4	98.3	98.8	99.0	99.2	99.4	99.4	99.5	99.5	99.
≥ 200	30.2	80.9	88.3	92.9	96.4	97.4	98.4	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.
≥ 100	30.2	80.9	88.3	92.9	96.4	97.4	98.4	98.9	99.0	99.3	99.5	99.5	99.6	99.6	99.
≥ 0	30.2	80.9	88.3	92.9	96.4	97.4	98.4	98.9	99.0	99.3	99.5	99.5	99.6	99.6	99.

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBI

724240 (STATION) FT KNOX/GOODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) J (MO)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	9.8	60.9	65.8	71.5	72.7	72.8	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	10.2	63.8	69.0	74.7	76.0	76.1	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	10.2	63.8	69.0	74.7	76.0	76.1	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	10.2	63.8	69.0	74.7	76.0	76.1	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	10.2	64.0	69.2	74.9	76.3	76.5	77.1	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	10.4	65.5	70.8	76.5	77.8	78.0	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	10.8	67.7	73.5	79.2	80.6	80.8	81.4	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2
≥ 9000	11.0	68.4	74.2	80.0	81.5	81.6	82.3	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0
≥ 8000	11.4	71.4	77.8	84.0	86.0	86.1	86.9	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 7000	11.4	71.8	78.8	85.3	87.3	87.4	88.2	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9
≥ 6000	11.9	73.0	80.0	86.5	88.5	88.6	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1
≥ 5000	11.9	73.7	80.9	87.5	89.7	89.8	90.5	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 4500	11.9	74.5	81.7	88.5	91.0	91.1	91.8	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6
≥ 4000	12.0	76.0	83.2	90.1	92.9	93.0	93.8	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 3500	12.3	76.9	84.4	91.3	94.1	94.2	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 3000	12.4	78.4	86.0	93.0	95.8	95.9	96.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 2500	12.4	78.9	86.6	93.5	96.3	96.5	97.2	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 2000	12.4	79.2	86.9	93.9	96.7	96.8	97.5	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4
≥ 1800	12.4	79.4	87.0	94.0	96.8	96.9	97.6	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5
≥ 1500	12.4	79.4	87.0	94.0	96.8	96.9	97.6	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5
≥ 1200	12.4	79.5	87.1	94.1	97.0	97.1	97.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7
≥ 1000	12.4	79.5	87.1	94.1	97.0	97.1	97.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7
≥ 900	12.4	79.5	87.1	94.1	97.0	97.1	97.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7
≥ 800	12.4	79.5	87.1	94.1	97.0	97.1	97.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7
≥ 700	12.4	79.6	87.2	94.2	97.1	97.2	98.	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8
≥ 600	12.4	79.7	87.3	94.3	97.2	97.3	98.1	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9
≥ 500	12.4	79.7	87.3	94.3	97.4	97.5	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.2
≥ 400	12.4	79.7	87.3	94.3	97.4	97.5	98.5	98.9	99.1	99.1	99.2	99.2	99.4	99.4	99.4
≥ 300	12.4	79.8	87.5	94.6	97.7	97.8	98.8	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7
≥ 200	12.4	79.8	87.5	94.6	97.7	97.8	98.8	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7
≥ 100	12.4	79.8	87.5	94.6	97.7	97.8	98.8	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7
≥ 0	12.4	79.8	87.5	94.6	97.7	97.8	98.8	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JU (MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300- (HOURS (

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	7.2	49.4	55.3	61.3	64.9	65.6	67.8	68.6	68.6	69.1	69.1	69.1	69.2	69.4	69.4
≥ 20000	8.1	52.3	58.6	65.2	69.4	70.0	72.3	73.0	73.2	73.5	73.5	73.5	73.7	73.8	73.8
≥ 18000	8.1	52.3	58.6	65.2	69.4	70.0	72.3	73.0	73.2	73.5	73.5	73.5	73.7	73.8	73.8
≥ 16000	8.1	52.3	58.6	65.2	69.4	70.0	72.3	73.0	73.2	73.5	73.5	73.5	73.7	73.8	73.8
≥ 14000	8.1	52.5	58.8	65.4	69.6	70.2	72.5	73.2	73.4	73.8	73.8	73.8	73.9	74.0	74.0
≥ 12000	8.5	54.1	60.4	67.0	71.2	71.8	74.1	74.8	75.1	75.4	75.4	75.4	75.5	75.6	75.6
≥ 10000	8.7	56.5	63.2	70.2	74.4	75.1	77.3	78.1	78.3	78.6	78.6	78.6	78.7	78.8	78.8
≥ 9000	9.0	58.0	64.8	71.8	76.1	76.8	79.1	79.9	80.1	80.4	80.4	80.4	80.5	80.6	80.6
≥ 8000	9.0	60.9	68.4	76.0	80.6	81.3	83.8	84.6	84.8	85.3	85.3	85.3	85.4	85.5	85.5
≥ 7000	9.1	61.6	69.5	77.3	81.9	82.6	85.1	85.9	86.1	86.6	86.6	86.6	86.7	86.8	86.8
≥ 6000	9.2	61.8	69.8	77.6	82.3	82.9	85.4	86.2	86.5	86.9	86.9	86.9	87.0	87.1	87.1
≥ 5000	9.6	62.9	71.2	79.1	83.9	84.5	87.0	87.8	88.1	88.5	88.5	88.5	88.6	88.7	88.7
≥ 4500	9.7	63.2	71.6	79.6	84.3	84.9	87.4	88.3	88.5	88.9	88.9	88.9	89.0	89.1	89.1
≥ 4000	9.7	64.9	73.7	81.6	86.5	87.1	89.6	90.5	90.8	91.2	91.2	91.2	91.3	91.4	91.4
≥ 3500	9.7	65.5	74.6	82.8	87.6	88.4	90.9	91.8	92.0	92.5	92.5	92.5	92.6	92.7	92.7
≥ 3000	9.7	65.9	75.3	83.4	88.7	89.5	92.2	93.1	93.3	93.9	93.9	93.9	94.0	94.1	94.3
≥ 2500	9.7	66.0	75.5	83.7	88.9	89.7	92.4	93.3	93.5	94.1	94.1	94.1	94.2	94.3	94.5
≥ 2000	9.8	66.5	76.0	84.3	89.6	90.3	93.0	94.0	94.2	94.7	94.7	94.7	94.8	94.9	95.2
≥ 1800	9.8	66.8	76.3	84.6	90.0	90.8	93.4	94.4	94.6	95.2	95.2	95.2	95.3	95.4	95.6
≥ 1500	9.8	66.8	76.3	84.6	90.0	90.8	93.4	94.5	94.7	95.3	95.3	95.3	95.4	95.5	95.7
≥ 1200	9.8	67.1	76.7	85.1	90.4	91.2	94.0	95.1	95.3	95.8	95.8	95.8	95.9	96.0	96.2
≥ 1000	9.8	67.1	76.7	85.1	90.4	91.2	94.1	95.2	95.4	95.9	95.9	95.9	96.0	96.1	96.3
≥ 900	9.8	67.2	76.9	85.3	90.6	91.4	94.3	95.4	95.6	96.1	96.1	96.1	96.2	96.3	96.6
≥ 800	9.8	67.3	77.0	85.5	90.9	91.7	94.6	95.7	96.1	96.7	96.7	96.7	96.8	96.9	97.1
≥ 700	9.8	67.3	77.1	85.6	91.1	92.0	94.9	96.0	96.5	97.0	97.0	97.0	97.1	97.2	97.4
≥ 600	9.8	67.3	77.2	85.7	91.2	92.2	95.2	96.2	96.7	97.2	97.2	97.2	97.3	97.4	97.6
≥ 500	9.8	67.3	77.2	85.7	91.2	92.2	95.2	96.2	96.8	97.4	97.4	97.4	97.5	97.6	97.8
≥ 400	9.8	67.3	77.2	85.7	91.4	92.4	95.4	96.5	97.0	97.6	97.6	97.6	97.7	97.8	98.1
≥ 300	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.1	98.2	98.7
≥ 200	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.3	98.4	99.0
≥ 100	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.3	98.4	99.0
≥ 0	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.3	98.4	99.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0
HOURS (L.S.

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥
NO CEILING	10.8	41.9	48.1	52.8	57.7	59.4	61.4	62.0	62.5	62.7	62.8	62.8	62.8	62.9	62.9	6
≥ 20000	11.3	45.3	52.4	57.5	63.2	64.9	67.0	67.6	68.1	68.3	68.4	68.4	68.4	68.5	68.5	6
≥ 18000	11.3	45.3	52.4	57.5	63.2	64.9	67.0	67.6	68.1	68.3	68.4	68.4	68.4	68.5	68.5	6
≥ 16000	11.3	45.3	52.4	57.5	63.2	64.9	67.0	67.6	68.1	68.3	68.4	68.4	68.4	68.5	68.5	6
≥ 14000	11.3	45.7	52.8	58.0	63.7	65.4	67.4	68.1	68.5	68.7	68.8	68.8	68.8	68.9	68.9	6
≥ 12000	11.8	47.1	54.6	60.0	65.8	67.5	69.6	70.2	70.6	70.9	71.0	71.0	71.0	71.1	71.1	7
≥ 10000	12.9	50.6	58.6	64.3	70.6	72.6	75.3	76.0	76.7	76.9	77.0	77.0	77.0	77.1	77.1	7
≥ 9000	12.9	51.5	59.5	65.2	71.5	73.4	76.1	76.9	77.5	77.7	77.8	77.8	77.8	78.0	78.0	7
≥ 8000	13.0	54.1	62.3	68.3	75.2	77.1	80.1	80.9	81.6	81.9	82.0	82.0	82.0	82.2	82.2	8
≥ 7000	13.4	55.1	63.3	69.4	76.3	78.3	81.3	82.0	82.8	83.1	83.2	83.2	83.2	83.3	83.3	8
≥ 6000	13.9	55.6	63.9	70.2	77.3	79.2	82.4	83.1	83.9	84.2	84.3	84.3	84.3	84.4	84.4	8
≥ 5000	14.3	56.9	65.3	71.9	79.2	81.3	84.4	85.2	85.9	86.2	86.3	86.3	86.3	86.5	86.5	8
≥ 4500	14.3	57.0	65.4	72.2	79.9	82.0	85.4	86.1	86.9	87.2	87.3	87.3	87.3	87.4	87.4	8
≥ 4000	14.6	58.1	66.5	73.3	81.2	83.5	87.0	87.8	88.6	88.9	89.0	89.0	89.0	89.1	89.1	8
≥ 3500	14.7	58.8	67.4	74.4	82.3	84.6	88.1	89.0	89.8	90.1	90.2	90.2	90.2	90.3	90.3	9
≥ 3000	15.1	59.6	68.3	75.5	83.3	85.7	89.2	90.2	91.1	91.4	91.5	91.5	91.5	91.6	91.6	9
≥ 2500	15.1	59.8	68.5	75.7	83.5	85.9	89.5	90.4	91.3	91.6	91.7	91.7	91.7	91.8	91.8	9
≥ 2000	15.2	60.2	69.0	76.3	84.3	86.7	90.2	91.2	92.0	92.4	92.5	92.5	92.5	92.6	92.6	9
≥ 1800	15.2	60.3	69.1	76.5	84.4	86.8	90.3	91.3	92.2	92.5	92.6	92.6	92.6	92.7	92.7	9
≥ 1500	15.3	60.4	69.2	76.7	84.6	87.1	90.8	91.7	92.6	92.9	93.0	93.0	93.0	93.1	93.1	9
≥ 1200	15.4	60.9	69.7	77.1	85.2	87.6	91.4	92.4	93.2	93.5	93.7	93.7	93.7	93.8	93.8	9
≥ 1000	15.4	61.0	69.9	77.3	85.4	88.0	91.9	93.0	93.9	94.2	94.3	94.3	94.3	94.4	94.4	9
≥ 900	15.5	61.2	70.2	77.7	85.8	88.4	92.4	93.4	94.3	94.6	94.7	94.7	94.7	94.8	94.8	9
≥ 800	15.5	61.3	70.5	78.2	86.2	88.9	92.9	94.0	94.8	95.2	95.4	95.4	95.4	95.5	95.5	9
≥ 700	15.5	61.5	70.9	78.5	86.7	89.6	93.5	94.6	95.5	95.8	96.0	96.0	96.0	96.1	96.1	9
≥ 600	15.6	61.9	71.3	79.1	87.5	90.4	94.6	95.7	96.8	97.1	97.4	97.4	97.4	97.5	97.5	9
≥ 500	15.6	61.9	71.3	79.1	87.7	90.6	95.1	96.3	97.4	97.8	98.2	98.2	98.3	98.4	98.4	9
≥ 400	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.1	98.4	98.4	98.5	98.6	98.6	9
≥ 300	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.2	9
≥ 200	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.4	9
≥ 100	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.5	10
≥ 0	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.5	10

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

0900-1 (HOURS (L.S.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	
NO CEILING	19.7	54.0	58.5	61.3	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	6
≥ 20000	20.4	58.5	63.2	66.3	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	6
≥ 18000	20.4	58.5	63.2	66.3	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	6
≥ 16000	20.4	58.6	63.3	66.5	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	6
≥ 14000	20.4	59.0	63.8	66.9	69.0	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	6
≥ 12000	21.1	61.3	66.3	69.5	71.8	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	7
≥ 10000	22.3	65.7	71.0	74.1	76.9	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	7
≥ 9000	22.8	67.0	72.4	75.5	78.3	78.5	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	7
≥ 8000	23.2	68.9	74.5	77.7	80.5	80.8	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	8
≥ 7000	23.4	70.3	75.9	79.1	81.9	82.2	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	8
≥ 6000	24.2	71.2	76.8	80.0	82.8	83.0	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	8
≥ 5000	24.2	72.6	78.3	81.5	84.3	84.5	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	8
≥ 4500	24.2	72.6	78.3	81.5	84.3	84.5	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	8
≥ 4000	24.4	73.3	79.2	82.7	85.5	85.8	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	8
≥ 3500	24.6	74.2	80.3	83.8	86.8	87.2	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	8
≥ 3000	24.7	75.5	81.8	85.3	88.3	88.8	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	8
≥ 2500	25.3	76.3	82.8	86.2	89.2	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	9
≥ 2000	25.4	77.1	83.7	87.1	90.1	90.6	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	9
≥ 1800	25.7	78.1	84.6	88.1	91.1	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	9
≥ 1500	25.9	79.4	86.5	89.9	93.1	93.7	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	9
≥ 1200	25.9	80.1	87.4	91.0	94.5	95.2	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	9
≥ 1000	26.0	80.3	87.6	91.2	94.9	95.7	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	9
≥ 900	26.0	80.4	87.7	91.4	95.3	96.1	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	9
≥ 800	26.0	80.6	88.2	92.0	95.9	96.8	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	9
≥ 700	26.0	81.0	88.5	92.4	96.6	97.4	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 600	26.1	81.2	88.8	92.7	96.9	97.7	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	9
≥ 500	26.1	81.2	88.9	92.8	97.2	98.2	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	9
≥ 400	26.1	81.2	89.0	93.0	97.4	98.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	9
≥ 300	26.1	81.2	89.0	93.0	97.5	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 200	26.1	81.2	89.0	93.0	97.5	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 100	26.1	81.2	89.0	93.0	97.5	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 0	26.1	81.2	89.0	93.0	97.5	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅝	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	
NO CEILING	24.9	57.7	60.9	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	6
≥ 20000	26.3	63.7	67.1	67.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	6
≥ 18000	26.3	63.9	67.3	67.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	6
≥ 16000	26.3	63.9	67.3	67.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	6
≥ 14000	26.9	64.4	67.8	68.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	6
≥ 12000	27.3	65.9	69.6	70.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	7
≥ 10000	29.0	69.6	73.7	74.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	7
≥ 9000	29.4	70.1	74.2	74.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	7
≥ 8000	30.3	72.5	76.9	77.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	7
≥ 7000	30.8	73.5	78.0	78.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	8
≥ 6000	31.3	74.2	78.7	79.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	8
≥ 5000	31.6	75.1	80.3	81.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	8
≥ 4500	31.8	75.7	81.0	81.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	8
≥ 4000	32.9	79.4	85.1	86.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	8
≥ 3500	33.4	80.6	86.8	87.8	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	8
≥ 3000	34.3	83.2	89.5	90.5	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	9
≥ 2500	35.4	85.5	92.2	93.2	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	9
≥ 2000	35.8	86.3	93.2	94.4	96.0	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	9
≥ 1800	36.1	87.4	94.3	95.5	97.1	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	9
≥ 1500	36.1	87.8	94.8	96.0	97.6	97.8	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	9
≥ 1200	36.1	88.0	95.1	96.2	97.8	98.1	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	9
≥ 1000	36.1	88.3	95.5	96.7	98.3	98.5	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	9
≥ 900	36.1	88.3	95.5	96.7	98.4	98.6	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	9
≥ 800	36.1	88.3	95.5	96.7	98.4	98.6	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	9
≥ 700	36.1	88.3	95.5	96.7	98.4	98.6	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	9
≥ 600	36.1	88.3	95.5	96.7	98.5	98.7	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	9
≥ 500	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	9
≥ 400	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	9
≥ 300	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	9
≥ 200	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	9
≥ 100	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	9
≥ 0	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	1

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JU (MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500- (HOURS (L

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	26.0	60.1	62.0	63.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	27.4	65.7	68.3	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	27.4	65.7	68.3	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	27.4	65.7	68.3	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	28.0	66.5	69.0	70.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	28.3	68.3	70.9	72.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	29.7	72.7	75.7	77.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	30.1	73.8	76.9	78.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	30.8	76.6	79.9	81.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	31.4	78.6	81.9	83.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	31.7	79.0	82.4	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	32.6	80.5	84.1	85.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	32.6	81.0	84.6	86.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	33.1	83.4	87.2	88.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	33.3	85.5	89.7	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	33.7	87.1	92.2	94.3	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	33.9	88.3	93.3	95.5	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	34.0	88.6	93.8	96.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	34.0	88.8	94.1	96.5	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	34.4	89.4	94.6	97.0	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	34.4	89.4	94.6	97.0	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	34.4	89.6	95.1	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	34.4	89.6	95.1	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	34.4	89.6	95.1	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	34.4	89.6	95.1	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	34.4	89.6	95.1	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	34.4	89.6	95.1	97.4	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	34.4	89.6	95.1	97.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	34.4	89.6	95.1	97.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	34.4	89.6	95.1	97.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	34.4	89.6	95.1	97.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	34.4	89.6	95.1	97.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-20 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.2	63.2	65.9	68.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.
≥ 20000	23.8	67.5	70.8	73.8	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.
≥ 18000	23.8	67.6	70.9	73.9	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.
≥ 16000	23.8	67.6	70.9	73.9	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.
≥ 14000	23.9	68.0	71.2	74.2	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.
≥ 12000	23.9	69.6	73.3	76.5	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.
≥ 10000	25.4	75.6	79.7	82.8	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.
≥ 9000	26.1	77.5	81.6	84.7	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.
≥ 8000	26.6	80.2	84.7	88.2	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.
≥ 7000	26.9	82.0	86.8	90.4	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.
≥ 6000	26.9	82.6	87.3	91.0	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.
≥ 5000	27.2	83.5	88.3	91.9	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.
≥ 4500	27.3	84.8	90.0	93.7	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.
≥ 4000	27.4	86.0	91.4	95.3	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.
≥ 3500	27.4	86.3	91.7	95.6	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.
≥ 3000	27.5	86.9	92.9	97.0	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
≥ 2500	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 2000	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1800	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1500	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1200	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1000	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 900	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 800	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 700	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 600	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 500	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 400	27.5	87.2	93.3	97.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300	27.5	87.2	93.3	97.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 200	27.5	87.2	93.3	97.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100	27.5	87.2	93.3	97.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 0	27.5	87.2	93.3	97.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2 (HOURS (L

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	
NO CEILING	15.2	65.5	69.0	72.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	7
≥ 20000	15.2	68.3	72.2	75.8	77.0	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	7
≥ 18000	15.2	68.7	72.6	76.2	77.4	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	7
≥ 16000	15.2	68.7	72.6	76.2	77.4	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	7
≥ 14000	15.2	68.9	72.8	76.5	77.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	7
≥ 12000	15.4	69.9	73.9	77.5	78.7	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	7
≥ 10000	15.8	72.7	77.1	80.9	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	8
≥ 9000	15.8	73.5	78.3	82.3	83.4	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	8
≥ 8000	16.2	76.2	81.6	86.1	87.5	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	8
≥ 7000	16.2	77.5	83.2	87.8	89.4	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	8
≥ 6000	16.3	78.8	84.5	89.1	90.6	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	9
≥ 5000	16.3	80.5	86.2	90.9	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	9
≥ 4500	16.6	81.8	87.5	92.2	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	9
≥ 4000	16.7	83.2	89.0	93.8	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	9
≥ 3500	16.7	84.0	90.2	94.9	96.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	9
≥ 3000	16.7	84.8	91.3	96.2	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	9
≥ 2500	16.7	84.9	91.5	96.7	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	9
≥ 2000	16.7	85.2	91.7	96.9	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	9
≥ 1800	16.7	85.3	91.8	97.0	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	9
≥ 1500	16.7	85.4	91.9	97.1	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	9
≥ 1200	16.7	85.4	91.9	97.2	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	9
≥ 1000	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 900	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 800	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 700	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 600	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 500	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 400	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 300	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 200	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 100	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 0	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JU (MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

AL (HOURS (L

CEILING (FEET)	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	17.1	56.6	60.7	64.1	66.0	66.3	67.0	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	17.8	60.6	65.2	68.8	71.1	71.5	72.2	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.7
≥ 18000	17.8	60.7	65.3	68.9	71.2	71.6	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.8
≥ 16000	17.8	60.7	65.3	68.9	71.2	71.6	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.8
≥ 14000	18.0	61.1	65.7	69.3	71.6	72.0	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 12000	18.3	62.7	67.5	71.2	73.5	73.9	74.6	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1
≥ 10000	19.3	66.4	71.6	75.4	77.9	78.3	79.1	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	19.6	67.5	72.7	76.6	79.1	79.5	80.3	80.6	80.8	80.8	80.8	80.8	80.9	80.9	80.9
≥ 8000	20.1	70.1	75.8	79.9	82.7	83.0	84.0	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	20.3	71.3	77.2	81.5	84.2	84.6	85.5	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1
≥ 6000	20.7	72.0	77.9	82.2	85.0	85.4	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9
≥ 5000	21.0	73.2	79.3	83.7	86.6	87.0	87.9	88.2	88.3	88.4	88.4	88.4	88.5	88.5	88.5
≥ 4500	21.0	73.8	80.0	84.5	87.4	87.8	88.8	89.0	89.2	89.3	89.3	89.3	89.3	89.4	89.4
≥ 4000	21.4	75.6	81.9	86.5	89.5	89.9	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	21.5	76.5	83.1	87.8	90.9	91.4	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0
≥ 3000	21.7	77.7	84.7	89.4	92.6	93.1	94.2	94.5	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥ 2500	22.0	78.4	85.5	90.2	93.5	94.0	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8
≥ 2000	22.1	78.8	86.0	90.8	94.1	94.6	95.7	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.5
≥ 1800	22.2	79.2	86.3	91.2	94.4	95.0	96.1	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.9
≥ 1500	22.3	79.5	86.7	91.6	94.9	95.5	96.6	96.9	97.1	97.3	97.3	97.3	97.3	97.4	97.4
≥ 1200	22.3	79.7	87.0	91.9	95.2	95.8	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8
≥ 1000	22.3	79.8	87.2	92.1	95.5	96.1	97.3	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1
≥ 900	22.3	79.9	87.2	92.2	95.6	96.2	97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.3
≥ 800	22.3	79.9	87.4	92.3	95.8	96.4	97.7	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5
≥ 700	22.3	80.0	87.5	92.4	95.9	96.6	97.9	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.8
≥ 600	22.3	80.1	87.6	92.6	96.1	96.8	98.1	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0
≥ 500	22.3	80.1	87.6	92.6	96.2	97.0	98.3	98.7	99.0	99.1	99.2	99.2	99.3	99.3	99.3
≥ 400	22.3	80.1	87.6	92.6	96.3	97.1	98.5	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.5
≥ 300	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.7
≥ 200	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8
≥ 100	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8
≥ 0	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

72424C (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0 (HOURS (L.

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	
NO CEILING	10.5	63.2	67.0	69.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	7
≥ 20000	10.9	65.2	69.8	73.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	7
≥ 18000	10.9	65.2	69.8	73.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	7
≥ 16000	10.9	65.2	69.8	73.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	7
≥ 14000	11.0	65.3	69.9	73.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	7
≥ 12000	11.0	66.8	72.1	75.6	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	7
≥ 10000	11.0	69.2	75.5	79.0	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	8
≥ 9000	11.3	70.4	76.6	80.2	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	8
≥ 8000	11.4	72.2	79.0	82.8	86.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	8
≥ 7000	11.4	72.8	79.5	83.3	87.3	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	8
≥ 6000	11.6	74.0	80.7	84.5	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	8
≥ 5000	11.7	74.4	81.2	84.9	88.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	8
≥ 4500	11.7	75.2	82.0	85.8	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	9
≥ 4000	12.1	76.9	84.6	88.4	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	9
≥ 3500	12.3	77.4	85.1	88.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	9
≥ 3000	12.3	78.0	86.4	90.4	94.5	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	9
≥ 2500	12.3	78.3	86.7	90.7	94.9	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	9
≥ 2000	12.4	78.8	87.3	91.4	95.6	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	9
≥ 1800	12.4	78.8	87.3	91.4	95.6	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	9
≥ 1500	12.6	79.1	87.7	91.8	96.1	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	9
≥ 1200	12.6	79.2	87.8	92.0	96.3	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	9
≥ 1000	12.6	79.3	87.9	92.1	96.6	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	9
≥ 900	12.6	79.3	87.9	92.1	96.9	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	9
≥ 800	12.6	79.3	87.9	92.1	96.9	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	9
≥ 700	12.6	79.5	88.3	92.7	97.5	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 600	12.6	79.5	88.3	92.7	97.5	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 500	12.6	79.7	88.4	92.8	97.6	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	9
≥ 400	12.6	79.7	88.4	92.8	97.6	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	9
≥ 300	12.6	79.7	88.6	93.0	97.8	98.6	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	9
≥ 200	12.6	79.7	88.6	93.0	97.8	98.6	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	9
≥ 100	12.6	79.7	88.6	93.0	98.0	98.7	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	1
≥ 0	12.6	79.7	88.6	93.0	98.0	98.7	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥
NO CEILING	8.0	52.5	59.6	64.8	69.0	70.6	72.0	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72
≥ 20000	8.2	53.9	61.4	66.7	71.5	73.1	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75
≥ 18000	8.2	53.9	61.4	66.7	71.5	73.1	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75
≥ 16000	8.2	53.9	61.4	66.7	71.5	73.1	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75
≥ 14000	8.3	54.1	61.6	67.0	71.7	73.3	74.7	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75
≥ 12000	8.4	55.1	63.0	68.4	73.4	75.0	76.4	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77
≥ 10000	8.7	59.2	67.4	73.2	78.5	80.1	81.5	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82
≥ 9000	8.8	59.4	67.7	73.6	79.0	80.6	82.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82
≥ 8000	8.9	60.4	68.8	74.9	80.3	81.9	83.3	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84
≥ 7000	9.0	60.8	69.5	75.8	81.2	82.9	84.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85
≥ 6000	9.4	61.2	70.4	76.7	82.1	83.9	85.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86
≥ 5000	9.4	61.9	71.3	77.6	83.1	84.9	86.3	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87
≥ 4500	9.4	62.5	72.0	78.6	84.1	85.9	87.3	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88
≥ 4000	9.4	63.3	73.1	79.8	85.5	87.4	88.8	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89
≥ 3500	9.4	63.6	73.5	80.3	86.0	87.9	89.3	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90
≥ 3000	9.6	64.0	74.1	81.5	87.6	89.6	91.3	92.2	92.5	92.5	92.5	92.5	92.6	92.6	9
≥ 2500	9.7	64.4	74.4	81.8	87.9	89.9	91.7	92.7	92.9	92.9	92.9	92.9	93.0	93.0	9
≥ 2000	9.7	64.5	74.7	82.2	88.6	90.5	92.6	93.6	93.9	93.9	93.9	93.9	94.0	94.0	9
≥ 1800	9.8	64.6	74.8	82.3	88.7	90.6	92.8	94.0	94.2	94.2	94.2	94.2	94.3	94.3	9
≥ 1500	9.8	64.7	74.9	82.5	89.2	91.2	93.3	94.5	94.7	94.7	94.7	94.7	94.8	94.8	9
≥ 1200	9.9	65.1	75.6	83.1	90.0	91.9	94.1	95.3	95.5	95.5	95.5	95.5	95.6	95.6	9
≥ 1000	9.9	65.6	76.0	83.5	90.4	92.4	94.5	95.7	95.9	95.9	95.9	95.9	96.0	96.0	9
≥ 900	9.9	65.7	76.1	83.6	90.5	92.5	94.6	95.8	96.0	96.0	96.0	96.0	96.1	96.1	9
≥ 800	9.9	65.9	76.3	83.9	90.7	92.7	94.9	96.1	96.3	96.3	96.3	96.3	96.4	96.4	9
≥ 700	9.9	66.1	76.5	84.1	91.0	92.9	95.2	96.3	96.6	96.6	96.6	96.6	96.7	96.7	9
≥ 600	9.9	66.1	76.5	84.1	91.0	92.9	95.3	96.4	96.7	96.7	96.7	96.7	96.8	96.8	9
≥ 500	9.9	66.2	76.6	84.4	91.3	93.2	95.7	96.9	97.1	97.1	97.1	97.1	97.2	97.2	9
≥ 400	9.9	66.2	76.6	84.8	91.7	93.6	96.1	97.6	97.8	97.8	97.8	97.8	98.0	98.0	9
≥ 300	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98.3	98.5	98.6	98.6	98.6	98.7	98.7	9
≥ 200	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98.3	98.5	98.6	98.6	98.6	99.0	99.0	9
≥ 100	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98.3	98.5	98.6	98.6	98.6	99.0	99.0	9
≥ 0	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98.3	98.5	98.6	98.6	98.6	99.0	99.0	9

TOTAL NUMBER OF OBSERVATIONS ____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

724240 (STATION) FT KNOX/GOODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

060 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	11.2	38.5	45.4	51.5	57.1	59.7	62.8	63.7	64.0	64.1	64.2	64.4	64.5	64.5	64.
≥ 20000	11.5	40.3	47.4	54.1	60.0	62.6	65.8	66.8	67.3	67.5	67.6	67.8	68.0	68.0	68.
≥ 18000	11.5	40.3	47.4	54.1	60.0	62.6	65.8	66.8	67.3	67.5	67.6	67.8	68.0	68.0	68.
≥ 16000	11.5	40.3	47.4	54.1	60.0	62.6	65.8	66.8	67.3	67.5	67.6	67.8	68.0	68.0	68.
≥ 14000	11.5	40.5	47.6	54.3	60.2	62.8	66.0	67.0	67.5	67.7	67.8	68.1	68.2	68.2	68.
≥ 12000	12.6	42.6	50.1	57.0	63.1	65.9	69.2	70.2	70.8	71.0	71.1	71.3	71.4	71.4	71.
≥ 10000	13.5	44.7	52.7	59.9	67.1	70.1	73.8	74.8	75.4	75.7	76.1	76.3	76.5	76.5	76.
≥ 9000	13.7	46.2	54.3	61.8	69.1	72.2	76.2	77.3	77.8	78.2	78.6	78.8	78.9	78.9	78.
≥ 8000	13.8	47.0	55.4	63.1	70.5	73.7	77.8	78.9	79.5	79.9	80.3	80.5	80.6	80.6	80.
≥ 7000	14.2	47.8	56.2	64.2	71.6	74.7	78.9	80.0	80.5	81.0	81.4	81.6	81.7	81.7	81.
≥ 6000	14.2	48.0	56.5	64.4	71.9	75.1	79.2	80.3	80.9	81.3	81.7	81.9	82.0	82.0	82.
≥ 5000	14.3	48.3	56.9	64.8	72.5	75.6	79.8	80.9	81.4	81.8	82.3	82.5	82.6	82.6	82.
≥ 4500	14.3	48.9	57.6	65.6	73.2	76.3	80.5	81.6	82.2	82.6	83.0	83.2	83.3	83.3	83.
≥ 4000	14.5	50.0	58.7	66.7	74.4	77.6	81.8	82.9	83.4	83.9	84.3	84.5	84.6	84.6	84.
≥ 3500	14.6	50.5	59.4	67.3	75.3	78.6	82.9	84.0	84.6	85.1	85.5	85.7	85.8	85.8	85.
≥ 3000	14.6	51.6	60.5	69.0	77.2	80.5	84.9	86.0	86.7	87.1	87.6	87.8	88.0	88.0	88.
≥ 2500	14.7	51.7	60.6	69.1	77.3	80.6	85.2	86.3	87.0	87.4	88.0	88.2	88.3	88.3	88.
≥ 2000	14.7	51.9	61.0	69.6	77.8	81.2	85.8	87.0	87.6	88.1	88.6	88.8	88.9	88.9	88.
≥ 1800	14.8	52.0	61.2	69.8	78.1	81.4	86.0	87.2	87.8	88.3	88.8	89.0	89.1	89.1	89.
≥ 1500	14.9	52.4	61.6	70.2	78.6	81.9	86.6	87.7	88.4	88.9	89.5	89.7	89.8	89.8	89.
≥ 1200	15.4	53.5	62.8	71.5	80.2	83.5	88.2	89.4	90.0	90.5	91.1	91.3	91.4	91.4	91.
≥ 1000	15.4	53.8	63.1	71.9	80.6	84.0	88.8	90.0	90.6	91.2	91.7	91.9	92.0	92.0	92
≥ 900	15.4	53.9	63.3	72.2	80.9	84.2	89.	90.2	90.9	91.4	91.9	92.2	92.3	92.3	92
≥ 800	15.4	54.4	63.9	72.8	81.7	85.1	89.9	91.1	91.7	92.3	92.8	93.0	93.1	93.1	93
≥ 700	15.4	54.5	64.0	73.0	81.9	85.3	90.8	91.9	92.6	93.1	93.8	94.0	94.1	94.1	94
≥ 600	15.4	54.6	64.3	73.4	82.4	85.9	91.5	92.8	93.4	94.0	94.6	94.8	94.9	94.9	94
≥ 500	15.4	54.7	64.5	74.1	83.4	87.1	92.7	94.2	94.8	95.4	96.0	96.2	96.3	96.3	96
≥ 400	15.4	54.7	64.6	74.3	83.8	87.5	93.3	94.8	95.5	96.1	97.1	97.3	97.5	97.5	97
≥ 300	15.4	54.7	64.6	74.3	83.8	87.6	93.5	95.2	95.9	96.8	97.7	98.1	98.5	98.5	98
≥ 200	15.4	54.7	64.6	74.3	83.8	87.6	93.7	95.3	96.0	96.9	97.8	98.2	98.7	98.8	98
≥ 100	15.4	54.7	64.6	74.3	83.8	87.6	93.7	95.3	96.0	96.9	97.8	98.2	98.8	98.9	99
≥ 0	15.4	54.7	64.6	74.3	83.8	87.6	93.7	95.3	96.0	96.9	97.8	98.2	98.8	98.9	99

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

090 (HOU

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	20.4	52.4	56.5	60.8	61.6	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.
≥ 20000	21.5	56.2	60.5	64.8	65.7	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.
≥ 18000	21.5	56.3	60.6	64.9	65.8	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.
≥ 16000	21.5	56.3	60.6	64.9	65.8	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.
≥ 14000	21.7	56.7	61.0	65.3	66.1	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.
≥ 12000	23.3	59.1	63.5	68.0	68.8	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.
≥ 10000	23.8	61.9	67.2	72.0	73.0	73.4	73.4	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.
≥ 9000	24.1	62.8	68.1	73.1	74.2	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.
≥ 8000	24.5	64.4	70.3	75.4	76.6	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.
≥ 7000	24.7	64.9	70.9	75.9	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.
≥ 6000	24.7	65.1	71.0	76.0	77.2	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.
≥ 5000	24.9	65.5	71.4	76.6	77.7	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.
≥ 4500	24.9	66.0	71.9	77.1	78.3	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.
≥ 4000	25.1	67.4	73.4	78.6	79.9	80.3	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80
≥ 3500	25.4	68.1	74.2	79.6	81.0	81.4	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81
≥ 3000	25.8	69.9	76.2	81.9	84.0	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84
≥ 2500	26.2	70.3	76.8	82.5	84.5	84.9	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85
≥ 2000	26.2	70.9	77.4	83.2	85.5	86.0	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86
≥ 1800	26.7	71.9	78.5	84.3	86.6	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87
≥ 1500	26.8	72.8	79.5	85.3	87.6	88.2	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88
≥ 1200	26.8	74.3	81.4	87.4	89.9	90.4	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90
≥ 1000	26.8	75.2	82.5	88.7	91.2	91.7	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92
≥ 900	26.8	75.6	83.1	89.7	92.4	92.9	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93
≥ 800	26.8	75.9	84.1	91.0	93.8	94.4	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95
≥ 700	26.8	76.0	84.2	91.1	94.0	94.7	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95
≥ 600	26.8	76.1	84.4	91.4	94.5	95.6	96.3	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96
≥ 500	26.8	76.2	84.8	91.9	95.2	96.2	97.2	97.6	97.8	97.8	98.1	98.1	98.1	98.1	98
≥ 400	26.8	76.2	84.8	91.9	95.3	96.6	97.7	98.4	98.6	99.1	99.5	99.5	99.5	99.5	99
≥ 300	26.8	76.2	84.8	91.9	95.3	96.8	98.1	98.7	99.4	99.7	100.0	100.0	100.0	100.0	100
≥ 200	26.8	76.2	84.8	91.9	95.3	96.8	98.1	98.7	99.4	99.7	100.0	100.0	100.0	100.0	100
≥ 100	26.8	76.2	84.8	91.9	95.3	96.8	98.1	98.7	99.4	99.7	100.0	100.0	100.0	100.0	100
≥ 0	26.8	76.2	84.8	91.9	95.3	96.8	98.1	98.7	99.4	99.7	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS ____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 (MO)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥
NO CEILING	25.4	54.4	59.4	61.5	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62
≥ 20000	27.0	58.5	63.4	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
≥ 18000	27.0	58.5	63.4	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
≥ 16000	27.0	58.5	63.4	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
≥ 14000	27.3	58.8	63.8	66.0	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66
≥ 12000	28.3	61.1	66.0	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68
≥ 10000	28.8	64.2	69.4	71.9	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72
≥ 9000	29.1	65.2	70.3	72.9	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73
≥ 8000	29.2	66.5	71.6	74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74
≥ 7000	29.2	66.7	71.8	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75
≥ 6000	29.4	67.0	72.3	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75
≥ 5000	29.9	68.3	73.7	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77
≥ 4500	30.0	68.7	74.2	77.0	77.3	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77
≥ 4000	30.2	71.6	77.4	80.2	80.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81
≥ 3500	31.3	74.7	80.8	83.7	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84
≥ 3000	32.9	79.6	85.6	88.8	89.6	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90
≥ 2500	32.9	80.5	86.6	89.8	90.5	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91
≥ 2000	33.2	81.8	88.1	91.4	92.5	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.3	93.3	9
≥ 1800	33.2	82.5	88.7	92.0	93.1	93.4	93.7	93.8	93.8	93.8	93.8	93.8	94.0	94.0	9
≥ 1500	33.7	83.5	89.8	93.1	94.3	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.2	95.2	9
≥ 1200	33.7	84.6	91.0	94.4	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.6	96.6	9
≥ 1000	33.8	85.4	91.9	95.6	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.0	9
≥ 900	33.8	85.5	92.0	95.9	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.3	9
≥ 800	33.8	85.5	92.0	95.9	97.4	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.4	98.4	9
≥ 700	33.9	85.7	92.3	96.1	97.6	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	9
≥ 600	33.9	85.7	92.3	96.1	97.7	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.9	98.9	9
≥ 500	33.9	85.7	92.3	96.2	98.0	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	9
≥ 400	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	10
≥ 300	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	10
≥ 200	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	10
≥ 100	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	10
≥ 0	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	10

TOTAL NUMBER OF OBSERVATIONS ____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥
NO CEILING	28.4	58.0	61.9	63.9	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	6
≥ 20000	30.1	62.6	67.0	68.9	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	7
≥ 18000	30.2	62.7	67.1	69.0	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	7
≥ 16000	30.2	62.7	67.1	69.0	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	7
≥ 14000	30.4	63.0	67.4	69.4	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	7
≥ 12000	32.0	66.1	70.5	72.5	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	7
≥ 10000	33.0	70.4	75.2	77.2	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	7
≥ 9000	33.8	72.6	77.3	79.4	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	8
≥ 8000	33.9	74.2	78.9	81.1	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	8
≥ 7000	34.1	74.9	79.7	81.8	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	8
≥ 6000	34.3	75.4	80.1	82.3	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	8
≥ 5000	34.5	75.9	80.8	82.9	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	8
≥ 4500	34.7	76.2	81.1	83.2	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	8
≥ 4000	35.8	79.1	84.2	86.3	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	8
≥ 3500	35.9	80.4	85.7	88.0	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	8
≥ 3000	36.9	84.8	90.3	92.8	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	9
≥ 2500	37.1	85.7	91.4	94.1	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	9
≥ 2000	37.4	86.5	92.4	95.1	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	9
≥ 1800	37.4	86.6	92.5	95.2	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	9
≥ 1500	37.6	86.9	92.9	95.6	96.8	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	9
≥ 1200	37.6	87.3	93.4	96.1	97.5	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	9
≥ 1000	37.7	87.4	93.7	96.5	98.0	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	9
≥ 900	37.8	87.6	93.9	96.7	98.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	9
≥ 800	37.8	87.6	93.9	96.7	98.3	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	9
≥ 700	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	9
≥ 600	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	9
≥ 500	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	9
≥ 400	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	9
≥ 300	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	1
≥ 200	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	1
≥ 100	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	1
≥ 0	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) A (MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	23.7	62.9	67.8	69.9	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	24.5	66.7	72.4	74.6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	24.5	66.7	72.4	74.6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	24.5	66.7	72.4	74.6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	24.9	67.2	72.9	75.2	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	26.9	70.1	75.9	78.2	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	27.4	73.3	79.2	81.6	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	27.8	74.6	80.5	82.9	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	28.2	77.2	83.4	85.9	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	28.2	78.2	84.4	86.9	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	28.3	79.0	85.3	87.7	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	28.3	79.7	85.9	88.4	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	28.3	79.9	86.2	88.7	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	28.4	81.8	88.3	91.0	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	28.4	82.3	88.7	91.5	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	28.9	83.7	90.8	94.0	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	28.9	83.8	91.1	94.4	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	28.9	83.9	91.2	94.5	97.5	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 1800	28.9	83.9	91.2	94.5	97.5	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 1500	28.9	83.9	91.3	94.6	97.7	98.1	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 1200	28.9	84.0	91.5	94.8	98.0	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.3
≥ 1000	28.9	84.2	91.7	95.1	98.2	98.5	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 900	28.9	84.2	91.7	95.1	98.2	98.5	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 800	28.9	84.2	91.7	95.1	98.2	98.5	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 700	28.9	84.2	91.7	95.1	98.2	98.5	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 600	28.9	84.3	91.8	95.2	98.3	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	28.9	84.3	91.8	95.2	98.3	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 400	28.9	84.3	91.8	95.2	98.4	98.7	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	28.9	84.3	91.8	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	28.9	84.3	91.8	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	28.9	84.3	91.8	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	28.9	84.3	91.8	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) 210 (HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	12.2	64.1	69.0	70.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.
≥ 20000	12.9	67.0	72.5	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 18000	12.9	67.0	72.5	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 16000	12.9	67.0	72.5	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 14000	12.9	67.0	72.5	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 12000	13.9	70.2	75.7	77.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.
≥ 10000	14.0	73.7	79.8	81.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.
≥ 9000	14.5	74.6	80.8	82.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 8000	14.9	77.7	84.9	87.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 7000	15.1	78.7	85.9	88.0	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.
≥ 6000	15.1	79.7	86.9	89.0	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.
≥ 5000	15.1	80.0	87.3	89.5	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.
≥ 4500	15.1	80.9	88.3	90.5	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.
≥ 4000	15.2	82.0	89.6	91.8	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.
≥ 3500	15.4	82.9	90.4	92.8	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.
≥ 3000	15.4	83.3	91.1	93.8	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.
≥ 2500	15.5	83.9	91.7	94.4	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.
≥ 2000	15.5	83.9	91.8	94.5	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.
≥ 1800	15.5	83.9	91.8	94.5	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.
≥ 1500	15.6	84.0	91.9	94.6	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.
≥ 1200	15.6	84.0	91.9	94.6	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.
≥ 1000	15.6	84.2	92.2	94.8	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.
≥ 900	15.6	84.4	92.5	95.2	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.
≥ 800	15.6	84.4	92.5	95.2	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.
≥ 700	15.6	84.6	92.7	95.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.
≥ 600	15.6	84.6	92.7	95.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.
≥ 500	15.6	84.6	92.7	95.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.
≥ 400	15.6	84.6	92.7	95.4	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.
≥ 300	15.6	84.6	92.8	95.5	98.4	98.6	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.
≥ 200	15.6	84.6	92.8	95.5	98.4	98.6	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.
≥ 100	15.6	84.6	92.8	95.5	98.5	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.
≥ 0	15.6	84.6	92.8	95.5	98.5	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) A (MO

A (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	17.5	55.7	60.8	64.1	66.4	67.1	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0
≥ 20000	18.3	58.8	64.3	67.8	70.4	71.1	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 18000	18.3	58.8	64.3	67.9	70.4	71.1	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 16000	18.3	58.8	64.3	67.9	70.4	71.1	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 14000	18.5	59.1	64.6	68.1	70.6	71.3	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	19.5	61.4	67.1	70.7	73.3	74.0	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	20.0	64.6	70.8	74.6	77.5	78.2	78.9	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4
≥ 9000	20.4	65.7	72.0	75.8	78.7	79.5	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7
≥ 8000	20.6	67.5	74.1	78.1	81.0	81.9	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 7000	20.7	68.1	74.8	78.8	81.8	82.7	83.4	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9
≥ 6000	20.9	68.7	75.4	79.5	82.5	83.3	84.1	84.3	84.4	84.4	84.5	84.5	84.6	84.6	84.6
≥ 5000	21.0	69.2	76.0	80.1	83.2	84.1	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3
≥ 4500	21.1	69.8	76.7	80.8	83.9	84.8	85.5	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0
≥ 4000	21.3	71.5	78.7	82.8	86.0	86.9	87.7	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2
≥ 3500	21.6	72.5	79.7	84.0	87.2	88.2	89.0	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5
≥ 3000	22.0	74.4	81.9	86.5	90.0	90.9	91.9	92.1	92.3	92.3	92.4	92.4	92.5	92.5	92.5
≥ 2500	22.2	74.8	82.4	87.1	90.6	91.6	92.5	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2
≥ 2000	22.3	75.3	83.0	87.7	91.4	92.4	93.4	93.7	93.8	93.9	94.0	94.0	94.1	94.1	94.1
≥ 1800	22.3	75.5	83.2	88.0	91.6	92.6	93.7	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.4
≥ 1500	22.5	75.9	83.7	88.5	92.2	93.2	94.3	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1200	22.6	76.5	84.4	89.3	93.1	94.1	95.2	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1000	22.6	76.9	84.9	89.8	93.7	94.7	95.8	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6
≥ 900	22.6	77.0	85.1	90.1	94.0	95.0	96.2	96.6	96.7	96.8	96.9	96.9	97.0	97.0	97.0
≥ 800	22.6	77.2	85.3	90.3	94.4	95.4	96.6	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3
≥ 700	22.6	77.3	85.5	90.5	94.6	95.6	96.9	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7
≥ 600	22.6	77.3	85.5	90.6	94.7	95.9	97.2	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.0
≥ 500	22.6	77.4	85.6	90.8	95.0	96.2	97.6	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5
≥ 400	22.6	77.4	85.7	90.9	95.2	96.4	97.9	98.4	98.6	98.7	98.9	98.9	99.0	99.0	99.0
≥ 300	22.6	77.4	85.7	91.0	95.3	96.5	98.1	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.5
≥ 200	22.6	77.4	85.7	91.0	95.3	96.5	98.1	98.7	99.0	99.2	99.4	99.4	99.6	99.6	99.6
≥ 100	22.6	77.4	85.7	91.0	95.3	96.5	98.1	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7
≥ 0	22.6	77.4	85.7	91.0	95.3	96.5	98.1	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) S (MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	16.6	56.9	61.7	65.7	67.0	67.4	68.4	69.3	69.3	69.6	69.7	69.7	69.7	69.8	69.8
≥ 20000	17.1	58.3	63.7	68.3	69.7	70.1	71.1	72.0	72.0	72.2	72.3	72.3	72.3	72.4	72.4
≥ 18000	17.1	58.3	63.7	68.3	69.7	70.1	71.1	72.0	72.0	72.2	72.3	72.3	72.3	72.4	72.4
≥ 16000	17.1	58.3	63.7	68.3	69.7	70.1	71.1	72.0	72.0	72.2	72.3	72.3	72.3	72.4	72.4
≥ 14000	17.2	58.3	63.7	68.3	69.7	70.1	71.1	72.0	72.0	72.2	72.3	72.3	72.3	72.4	72.4
≥ 12000	17.3	59.2	64.6	69.3	70.7	71.1	72.1	73.0	73.0	73.2	73.3	73.3	73.3	73.4	73.4
≥ 10000	17.7	62.3	67.8	73.0	74.4	74.9	75.9	76.8	76.8	77.0	77.1	77.1	77.1	77.2	77.2
≥ 9000	17.7	62.8	68.2	73.6	75.0	75.4	76.4	77.3	77.3	77.6	77.7	77.7	77.7	77.8	77.8
≥ 8000	17.7	65.0	70.7	76.4	77.9	78.3	79.3	80.2	80.2	80.4	80.7	80.7	80.7	80.8	80.9
≥ 7000	17.9	66.7	72.4	78.3	79.9	80.3	81.3	82.3	82.3	82.6	82.8	82.8	82.8	82.9	83.0
≥ 6000	18.2	68.1	74.3	80.2	81.8	82.2	83.2	84.2	84.2	84.4	84.7	84.7	84.7	84.8	84.9
≥ 5000	18.3	69.3	75.7	81.6	83.1	83.7	84.7	85.7	85.7	85.9	86.1	86.1	86.1	86.2	86.3
≥ 4500	18.3	70.0	76.4	82.3	83.9	84.6	85.6	86.6	86.6	86.8	87.0	87.0	87.0	87.1	87.2
≥ 4000	18.4	71.9	78.3	84.2	85.8	86.6	87.6	88.6	88.6	88.8	89.0	89.0	89.0	89.1	89.2
≥ 3500	18.6	72.8	79.3	85.6	87.1	87.9	89.0	90.0	90.0	90.2	90.4	90.4	90.4	90.6	90.7
≥ 3000	18.6	73.2	79.9	86.1	87.7	88.4	89.6	90.6	90.6	90.8	91.0	91.0	91.0	91.1	91.2
≥ 2500	18.7	73.8	80.6	86.9	88.7	89.4	90.6	91.6	91.6	91.8	92.0	92.0	92.0	92.1	92.2
≥ 2000	18.8	74.3	81.1	87.6	89.4	90.2	91.4	92.4	92.4	92.7	92.9	92.9	92.9	93.0	93.1
≥ 1800	18.8	74.6	81.3	87.8	89.7	90.4	91.7	92.7	92.7	92.9	93.1	93.1	93.1	93.2	93.3
≥ 1500	18.8	74.8	81.7	88.1	90.0	90.8	92.0	93.0	93.0	93.2	93.4	93.4	93.4	93.6	93.7
≥ 1200	18.8	74.8	82.1	88.7	90.6	91.3	92.6	93.6	93.6	93.8	94.0	94.0	94.0	94.1	94.2
≥ 1000	18.8	75.0	82.3	89.0	91.0	91.8	93.0	94.0	94.0	94.2	94.4	94.4	94.4	94.6	94.7
≥ 900	18.8	75.4	82.8	89.4	91.6	92.3	93.6	94.6	94.6	94.8	95.0	95.0	95.0	95.1	95.2
≥ 800	18.8	75.6	82.9	89.7	91.8	92.6	93.8	94.8	94.8	95.0	95.2	95.2	95.2	95.3	95.4
≥ 700	18.8	75.8	83.1	89.9	92.1	92.9	94.1	95.1	95.1	95.3	95.6	95.6	95.6	95.7	95.8
≥ 600	18.8	75.9	83.2	90.3	92.7	93.7	95.0	96.0	96.0	96.2	96.4	96.4	96.4	96.6	96.7
≥ 500	18.8	75.9	83.4	90.7	93.2	94.3	95.7	96.7	96.7	96.9	97.1	97.1	97.1	97.2	97.3
≥ 400	18.8	76.0	83.7	91.2	94.1	95.2	96.7	97.7	97.7	97.9	98.1	98.1	98.1	98.2	98.3
≥ 300	18.8	76.0	83.7	91.6	94.6	95.7	97.4	98.6	98.6	98.8	99.0	99.0	99.1	99.2	99.3
≥ 200	18.8	76.0	83.7	91.6	94.6	95.7	97.4	98.8	98.8	99.0	99.2	99.2	99.3	99.4	99.5
≥ 100	18.8	76.0	83.7	91.6	94.6	95.7	97.4	98.8	98.8	99.0	99.2	99.2	99.3	99.4	99.5
≥ 0	18.8	76.0	83.7	91.6	94.6	95.7	97.4	98.8	98.8	99.0	99.2	99.2	99.3	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SE (MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300- (HOURS (

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	10.9	46.7	52.4	55.2	58.1	59.7	61.2	62.3	62.4	62.9	63.3	63.4	63.6	63.8	63.9
≥ 20000	11.7	48.0	53.9	57.7	60.7	62.2	63.9	65.0	65.1	65.6	66.0	66.1	66.2	66.4	66.6
≥ 18000	11.0	48.1	54.0	57.8	60.8	62.3	64.0	65.1	65.2	65.7	66.1	66.2	66.3	66.6	66.7
≥ 16000	11.0	48.1	54.0	57.8	60.8	62.3	64.0	65.1	65.2	65.7	66.1	66.2	66.3	66.6	66.7
≥ 14000	11.0	48.3	54.2	58.0	61.0	62.6	64.2	65.3	65.4	65.9	66.3	66.4	66.6	66.8	66.9
≥ 12000	11.0	48.8	54.7	58.6	61.7	63.2	65.0	66.1	66.2	66.7	67.1	67.2	67.3	67.6	67.7
≥ 10000	11.2	52.4	58.7	63.0	66.4	68.0	69.8	70.9	71.0	71.4	71.9	72.0	72.1	72.3	72.4
≥ 9000	11.2	52.9	59.1	63.4	66.9	68.4	70.2	71.3	71.4	71.9	72.3	72.4	72.6	72.8	72.9
≥ 8000	11.2	54.4	61.1	65.9	69.4	71.0	72.8	73.9	74.0	74.4	74.9	75.0	75.1	75.3	75.6
≥ 7000	11.4	55.1	62.1	66.9	70.7	72.2	74.1	75.6	75.7	76.1	76.6	76.7	76.8	77.0	77.2
≥ 6000	11.8	57.1	64.7	69.7	73.4	75.0	76.9	78.3	78.4	78.9	79.3	79.4	79.6	79.8	80.0
≥ 5000	11.9	57.8	65.3	70.6	74.3	75.9	77.8	79.2	79.3	79.8	80.2	80.3	80.4	80.7	80.9
≥ 4500	11.9	58.2	65.9	71.1	74.9	76.4	78.3	79.8	79.9	80.3	80.8	80.9	81.0	81.2	81.4
≥ 4000	12.0	59.4	67.7	73.1	76.9	78.4	80.4	81.9	82.0	82.4	82.9	83.0	83.1	83.3	83.6
≥ 3500	12.0	60.4	69.0	74.4	78.3	80.0	82.0	83.4	83.6	84.0	84.4	84.6	84.7	84.9	85.1
≥ 3000	12.3	61.9	70.6	76.1	80.2	82.0	84.0	85.4	85.6	86.0	86.4	86.6	86.7	86.9	87.1
≥ 2500	12.3	62.4	71.1	76.8	80.9	82.7	84.7	86.1	86.2	86.7	87.1	87.2	87.3	87.6	87.8
≥ 2000	12.3	62.6	71.2	77.0	81.1	83.0	85.0	86.4	86.6	87.0	87.4	87.6	87.7	87.9	88.1
≥ 1800	12.3	62.8	71.4	77.2	81.3	83.2	85.2	86.7	86.8	87.2	87.7	87.8	87.9	88.1	88.3
≥ 1500	12.3	63.2	71.9	77.7	81.8	83.7	85.7	87.1	87.2	87.7	88.1	88.2	88.4	88.7	88.9
≥ 1200	12.3	64.0	72.7	78.7	82.9	84.9	86.9	88.3	88.4	88.9	89.3	89.4	89.7	89.9	90.1
≥ 1000	12.3	64.7	73.4	79.6	84.0	86.0	88.0	89.4	89.6	90.0	90.4	90.6	90.8	91.0	91.2
≥ 900	12.3	65.1	74.0	80.1	84.6	86.6	88.6	90.0	90.1	90.6	91.0	91.1	91.3	91.6	91.8
≥ 800	12.3	65.2	74.2	80.4	84.9	86.9	88.9	90.3	90.4	90.9	91.3	91.4	91.7	91.9	92.1
≥ 700	12.3	65.6	74.6	80.9	85.3	87.3	89.6	91.0	91.1	91.6	92.0	92.1	92.3	92.6	92.8
≥ 600	12.3	66.0	75.0	81.4	86.3	88.4	90.9	92.3	92.6	93.0	93.4	93.6	93.8	94.0	94.2
≥ 500	12.3	66.2	75.2	81.9	86.9	89.0	91.4	92.9	93.1	93.6	94.0	94.1	94.3	94.6	94.8
≥ 400	12.3	66.4	75.4	82.3	87.6	89.7	92.2	93.7	93.9	94.3	94.8	94.9	95.1	95.3	95.6
≥ 300	12.3	66.4	75.4	82.4	88.0	90.1	92.9	94.7	94.9	95.4	95.9	96.1	96.3	96.6	96.8
≥ 200	12.3	66.4	75.4	82.4	88.0	90.1	93.0	95.0	95.2	96.0	96.7	96.9	97.6	97.8	98.1
≥ 100	12.3	66.4	75.4	82.4	88.0	90.1	93.0	95.0	95.2	96.0	96.8	97.0	97.7	97.9	98.2
≥ 0	12.3	66.4	75.4	82.4	88.0	90.1	93.0	95.0	95.2	96.0	96.8	97.0	97.7	97.9	98.2

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

060 (HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	10.0	32.0	36.0	40.6	46.1	47.6	50.2	50.7	51.1	51.6	52.1	52.2	52.7	52.8	53.
≥ 20000	10.3	33.6	37.9	42.8	48.8	50.4	53.1	53.6	54.0	54.6	55.1	55.2	55.9	56.0	56.
≥ 18000	10.3	33.7	38.0	42.9	48.9	50.6	53.2	53.7	54.1	54.7	55.2	55.3	56.0	56.1	56.
≥ 16000	10.3	33.7	38.0	42.9	48.9	50.6	53.2	53.7	54.1	54.7	55.2	55.3	56.0	56.1	56.
≥ 14000	10.4	34.1	38.7	43.6	49.6	51.2	53.9	54.3	54.8	55.3	55.9	56.0	56.7	56.8	57.
≥ 12000	10.7	35.1	39.9	44.9	51.1	52.8	55.4	55.9	56.3	56.9	57.4	57.6	58.3	58.4	58.
≥ 10000	11.0	38.1	43.1	48.6	55.2	57.0	59.8	60.6	61.0	61.7	62.3	62.4	63.2	63.3	63.
≥ 9000	11.1	39.4	44.7	50.1	56.8	58.6	61.3	62.1	62.6	63.2	63.9	64.0	64.8	64.9	65.
≥ 8000	11.2	41.0	47.0	53.0	60.2	62.0	64.9	65.7	66.1	66.8	67.4	67.6	68.3	68.4	68.
≥ 7000	11.4	41.6	47.9	54.3	62.1	63.9	67.0	67.9	68.3	69.0	69.7	69.8	70.6	70.7	71.
≥ 6000	12.0	43.0	49.8	56.3	64.2	66.0	69.3	70.2	70.7	71.3	72.0	72.1	72.9	73.0	73.
≥ 5000	12.4	45.0	51.8	58.4	66.4	68.2	71.6	72.4	72.9	73.6	74.2	74.3	75.1	75.2	75.
≥ 4500	12.4	45.1	51.9	58.8	66.8	68.6	71.9	72.8	73.2	73.9	74.6	74.7	75.4	75.6	76.
≥ 4000	12.4	45.7	52.8	59.9	68.0	70.0	73.7	74.6	75.0	75.9	76.7	76.8	77.6	77.7	78.
≥ 3500	12.6	46.3	53.7	60.8	68.9	70.9	74.7	75.6	76.0	76.9	77.7	77.8	78.7	78.8	79.
≥ 3000	12.7	47.4	55.4	62.8	71.0	73.1	77.0	77.9	78.3	79.2	80.0	80.1	81.0	81.1	81.
≥ 2500	12.8	48.2	56.2	63.8	72.3	74.7	78.7	79.6	80.0	81.0	81.8	81.9	82.8	82.9	83.
≥ 2000	12.8	48.9	57.0	64.7	73.2	75.6	79.9	80.8	81.2	82.2	83.0	83.1	84.0	84.1	84.
≥ 1800	12.9	49.1	57.3	65.2	73.8	76.3	80.7	81.7	82.1	83.1	83.9	84.0	84.9	85.0	85.
≥ 1500	12.9	49.4	57.8	65.8	74.3	76.9	81.2	82.2	82.7	83.7	84.4	84.6	85.4	85.6	86.
≥ 1200	12.9	49.9	58.3	66.7	75.4	78.0	82.3	83.3	83.8	84.8	85.6	85.7	86.6	86.7	87.
≥ 1000	13.0	50.7	59.4	67.9	77.1	79.7	84.0	85.0	85.6	86.6	87.3	87.4	88.3	88.4	88.
≥ 900	13.0	50.9	59.8	68.2	77.6	80.1	84.7	85.7	86.2	87.2	88.0	88.1	89.0	89.1	89.
≥ 800	13.0	51.2	60.3	68.8	78.1	80.7	85.2	86.2	86.8	87.8	88.6	88.7	89.6	89.7	90.
≥ 700	13.1	52.0	61.2	69.8	79.2	81.8	86.4	87.4	88.0	89.0	89.8	89.9	90.8	90.9	91.
≥ 600	13.1	52.2	61.7	70.3	79.9	82.4	87.3	88.4	89.1	90.1	91.0	91.1	92.2	92.3	92.
≥ 500	13.2	52.6	62.3	71.1	81.0	83.8	88.8	89.9	90.7	91.8	92.7	92.8	93.9	94.0	94.
≥ 400	13.3	52.8	62.6	71.7	81.7	84.4	89.6	90.8	91.6	93.0	93.9	94.1	95.4	95.6	96.
≥ 300	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.3	92.2	93.7	94.8	94.9	96.4	96.7	97.
≥ 200	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.6	92.4	94.1	95.1	95.4	97.3	97.6	98.
≥ 100	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.6	92.4	94.1	95.1	95.4	97.3	97.6	98.
≥ 0	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.6	92.4	94.1	95.1	95.4	97.3	97.6	98.

TOTAL NUMBER OF OBSERVATIONS _____

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

09 (HO

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥
NO CEILING	21.0	49.7	53.1	55.6	56.4	57.3	57.3	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57
≥ 20000	21.4	51.0	54.6	57.2	58.3	59.2	59.2	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59
≥ 18000	21.4	51.0	54.6	57.2	58.3	59.2	59.2	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59
≥ 16000	21.4	51.0	54.6	57.2	58.3	59.2	59.2	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59
≥ 14000	21.4	51.1	54.7	57.3	58.4	59.3	59.3	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59
≥ 12000	21.8	52.3	56.0	58.8	60.1	61.0	61.0	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61
≥ 10000	22.8	55.6	59.4	62.4	63.8	64.7	64.7	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65
≥ 9000	23.4	57.6	61.4	64.4	65.8	66.7	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67
≥ 8000	23.9	59.7	63.9	67.3	69.1	70.0	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70
≥ 7000	23.9	60.3	64.6	68.2	70.2	71.1	71.2	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71
≥ 6000	23.9	61.2	65.4	69.2	71.2	72.1	72.2	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72
≥ 5000	24.2	62.6	66.8	70.6	72.7	73.6	73.7	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74
≥ 4500	24.4	63.4	67.8	72.0	74.2	75.1	75.2	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75
≥ 4000	24.4	64.7	69.4	73.9	76.6	77.4	77.8	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78
≥ 3500	24.7	65.7	70.7	75.1	78.0	78.9	79.2	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79
≥ 3000	25.0	67.1	72.7	77.6	80.6	81.6	82.0	82.4	82.7	82.7	82.7	82.8	82.8	82.8	8
≥ 2500	25.4	68.9	74.6	79.8	82.9	83.9	84.3	84.8	85.0	85.0	85.0	85.1	85.1	85.1	8
≥ 2000	25.9	70.4	76.2	81.4	84.8	85.8	86.2	86.7	86.9	86.9	86.9	87.0	87.0	87.0	8
≥ 1800	25.9	71.4	77.1	82.4	85.8	86.8	87.2	87.7	87.9	87.9	87.9	88.0	88.0	88.0	8
≥ 1500	26.0	73.1	79.1	84.4	88.0	89.1	89.8	90.2	90.4	90.4	90.4	90.6	90.6	90.6	9
≥ 1200	26.2	74.1	80.4	86.0	89.9	91.0	91.7	92.1	92.3	92.3	92.3	92.4	92.4	92.4	9
≥ 1000	26.3	75.1	81.7	87.2	91.3	92.4	93.3	93.8	94.0	94.0	94.0	94.1	94.1	94.1	9
≥ 900	26.4	75.6	82.1	87.7	91.8	92.9	93.9	94.3	94.6	94.6	94.6	94.7	94.7	94.7	9
≥ 800	26.4	75.9	82.4	88.1	92.3	93.4	94.4	94.9	95.1	95.1	95.1	95.2	95.3	95.3	9
≥ 700	26.6	76.0	82.6	88.3	93.0	94.1	95.1	95.6	95.8	95.8	95.8	95.9	96.0	96.0	9
≥ 600	26.7	76.2	82.8	88.8	93.6	94.8	95.9	96.3	96.6	96.6	96.6	96.7	96.8	96.8	9
≥ 500	26.7	76.2	83.1	89.2	94.3	96.1	97.3	97.9	98.1	98.1	98.1	98.2	98.3	98.3	9
≥ 400	26.8	76.4	83.3	89.4	94.6	96.4	97.8	98.6	98.8	99.1	99.2	99.3	99.4	99.4	9
≥ 300	26.8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	9
≥ 200	26.8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	9
≥ 100	26.8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	9
≥ 0	26.8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	9

TOTAL NUMBER OF OBSERVATIONS ____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) 12(

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥
NO CEILING	27.1	54.3	56.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57
≥ 20000	28.0	58.0	59.8	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62
≥ 18000	28.0	58.0	59.8	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62
≥ 16000	28.0	58.0	59.8	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62
≥ 14000	28.0	58.4	60.2	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62
≥ 12000	28.4	59.7	61.6	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63
≥ 10000	30.4	63.3	65.2	66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67
≥ 9000	30.8	64.1	66.0	67.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68
≥ 8000	31.1	67.1	69.1	70.7	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	7
≥ 7000	31.3	67.9	69.9	71.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	7
≥ 6000	31.8	68.7	70.7	72.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	7
≥ 5000	31.8	69.2	71.3	73.3	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	7
≥ 4500	32.4	70.3	72.6	74.8	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	7
≥ 4000	32.9	72.0	74.7	77.0	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	7
≥ 3500	33.0	73.3	76.1	78.6	80.1	80.1	8 .1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	8
≥ 3000	33.2	75.3	78.6	81.2	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	8
≥ 2500	34.2	78.8	82.3	85.1	86.9	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	8
≥ 2000	34.8	82.3	86.1	89.1	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	9
≥ 1800	34.9	82.9	86.8	90.0	91.8	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
≥ 1500	34.8	83.9	87.8	91.0	92.8	92.8	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
≥ 1200	34.8	84.8	88.8	92.1	94.0	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
≥ 1000	34.8	84.9	89.1	92.7	94.7	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
≥ 900	34.8	84.9	89.1	92.9	95.2	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
≥ 800	34.8	84.9	89.2	93.0	95.9	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
≥ 700	34.8	85.1	89.4	93.3	96.3	96.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 600	34.8	85.2	89.6	93.8	96.9	97.4	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 500	34.8	85.3	89.7	94.1	97.4	98.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 400	34.8	85.4	89.8	94.2	97.6	98.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 300	34.8	85.4	89.8	94.2	97.6	98.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200	34.8	85.4	89.8	94.2	97.6	98.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100	34.8	85.4	89.8	94.2	97.6	98.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	34.8	85.4	89.8	94.2	97.6	98.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

150 (HOU

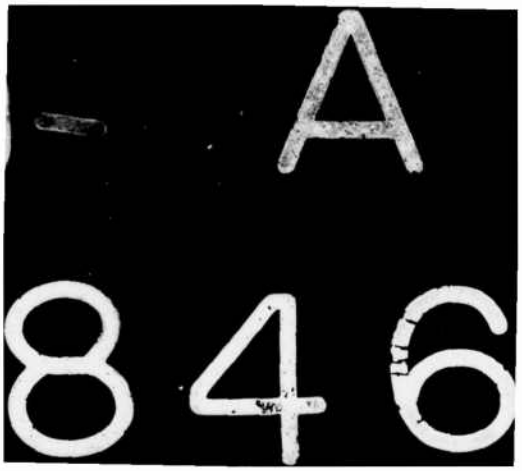
CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	32.3	55.0	57.2	58.9	58.9	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.
≥ 20000	34.3	60.1	62.3	64.2	64.2	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.
≥ 18000	34.3	60.1	62.3	64.2	64.2	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.
≥ 16000	34.3	60.1	62.3	64.2	64.2	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.
≥ 14000	34.3	60.8	63.0	64.9	64.9	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.
≥ 12000	34.6	61.9	64.2	66.1	66.1	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.
≥ 10000	35.4	65.6	68.0	69.9	70.1	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.
≥ 9000	35.6	66.2	68.7	70.6	70.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.
≥ 8000	36.3	70.1	73.4	75.6	75.8	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.
≥ 7000	37.3	72.2	75.8	78.0	78.2	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.
≥ 6000	37.9	73.9	77.6	79.8	80.0	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.
≥ 5000	38.2	74.9	78.6	80.8	81.0	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.
≥ 4500	38.3	75.6	79.2	81.4	81.8	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.
≥ 4000	38.6	77.8	81.7	84.6	84.9	85.1	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.
≥ 3500	39.0	79.7	83.8	86.7	87.1	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.
≥ 3000	39.6	80.9	85.1	88.1	88.7	88.9	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 2500	39.8	82.0	86.4	89.7	90.2	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.
≥ 2000	40.0	83.1	87.6	90.9	91.6	91.8	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.
≥ 1800	40.0	83.1	87.6	90.9	91.6	91.8	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.
≥ 1500	40.0	84.0	88.7	92.1	92.8	93.0	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.
≥ 1200	40.0	84.3	89.3	92.9	93.6	93.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.
≥ 1000	40.0	84.6	90.0	93.6	94.3	94.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.
≥ 900	40.0	84.7	90.3	93.9	94.9	95.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.
≥ 800	40.0	85.0	91.0	94.8	95.9	96.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.
≥ 700	40.0	85.1	91.1	95.0	96.3	96.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.
≥ 600	40.0	85.3	91.3	95.4	97.0	97.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.
≥ 500	40.0	85.3	91.3	95.4	97.0	97.3	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.
≥ 400	40.0	85.3	91.4	95.7	97.3	97.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 300	40.0	85.3	91.4	95.7	97.3	97.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 200	40.0	85.3	91.4	95.7	97.3	97.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100	40.0	85.3	91.4	95.7	97.3	97.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 0	40.0	85.3	91.4	95.7	97.3	97.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS _____

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

AD-A118 462 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT KNOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUL 82
UNCLASSIFIED USAFETAC/DS-82/042 SBI-AD-E850 201 NL

3 OF 6
AD A
118482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846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.6	59.9	63.1	66.1	66.2	66.8	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	25.3	63.8	67.4	70.7	70.9	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	25.3	63.8	67.4	70.7	70.9	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	25.3	63.8	67.4	70.7	70.9	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	25.3	64.0	67.7	71.0	71.2	71.8	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	25.6	65.0	68.7	72.0	72.2	72.8	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	25.7	67.9	71.8	75.3	75.7	76.2	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	25.7	68.4	72.3	75.9	76.2	76.8	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	26.0	71.0	75.3	79.0	79.3	79.9	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	26.8	74.1	78.7	82.3	82.7	83.2	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	27.4	75.7	80.2	84.1	84.6	85.1	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	27.6	76.6	81.1	85.0	85.4	86.0	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	27.8	77.7	82.4	86.3	86.8	87.3	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	27.8	78.7	83.4	87.7	88.1	88.8	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	27.9	79.4	84.3	88.7	89.1	89.8	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	28.2	80.7	85.6	89.9	90.3	91.1	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	28.4	81.0	86.0	90.6	91.1	91.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	28.4	81.4	86.7	91.3	92.0	92.8	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	28.4	81.8	87.0	91.7	92.3	93.1	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	28.6	82.1	87.6	92.2	93.0	93.8	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	28.6	82.1	87.9	92.6	93.3	94.1	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	28.6	82.3	88.1	92.8	93.6	94.3	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	28.7	82.7	88.7	93.3	94.6	95.3	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	28.7	82.7	88.8	93.6	95.0	95.8	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	28.7	82.7	89.0	93.8	95.2	96.0	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	28.7	82.8	89.2	94.2	95.7	96.4	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	28.7	82.8	89.3	94.3	95.8	96.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	28.7	82.8	89.4	94.4	95.9	96.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	28.7	82.8	89.4	94.4	96.0	96.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	28.7	82.8	89.4	94.4	96.0	96.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	28.7	82.8	89.4	94.4	96.0	96.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	28.7	82.8	89.4	94.4	96.0	96.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.1	62.6	65.2	68.4	69.3	69.8	70.2	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	19.4	64.3	67.6	71.2	72.1	72.6	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	19.4	64.3	67.6	71.2	72.1	72.6	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	19.4	64.3	67.6	71.2	72.1	72.6	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	19.4	64.3	67.6	71.2	72.1	72.6	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	19.8	65.4	68.7	72.3	73.2	73.7	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	19.9	69.0	72.2	76.0	76.9	77.3	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	19.9	69.2	72.4	76.2	77.1	77.6	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	20.1	71.6	75.0	79.3	80.2	80.7	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	20.6	73.7	77.7	82.0	82.9	83.3	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	20.9	74.7	79.0	83.3	84.2	84.7	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	20.9	75.6	79.9	84.2	85.1	85.6	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	21.1	76.2	80.6	85.0	85.9	86.3	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	21.1	77.3	81.7	86.3	87.2	87.7	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	21.2	78.6	82.9	87.7	88.6	89.0	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	21.6	79.7	84.0	89.3	90.3	90.8	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	21.6	80.1	84.8	90.6	91.6	92.0	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	21.6	80.3	85.0	90.8	91.8	92.2	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	21.6	80.3	85.0	90.8	91.8	92.2	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	21.6	80.9	85.6	91.3	92.3	92.8	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	21.6	81.3	86.0	91.8	92.8	93.2	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	21.6	81.6	86.2	92.1	93.3	93.8	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	21.6	81.8	86.4	92.4	94.0	94.6	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	21.6	82.0	86.7	92.7	94.2	94.8	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	21.6	82.0	86.7	92.7	94.3	94.9	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	21.6	82.1	86.8	92.8	94.6	95.1	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	21.6	82.3	87.1	93.4	95.6	96.1	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	21.6	82.3	87.1	93.9	96.6	97.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	21.6	82.3	87.2	94.1	97.1	97.7	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	21.6	82.3	87.2	94.1	97.1	97.7	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	21.6	82.3	87.2	94.1	97.1	97.7	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0
≥ 0	21.6	82.3	87.2	94.1	97.1	97.7	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.2	52.1	55.6	58.4	59.9	60.6	61.4	61.8	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.7
≥ 20000	20.9	54.6	58.4	61.7	63.3	64.1	64.9	65.3	65.4	65.6	65.7	65.7	65.8	65.9	66.0	66.2
≥ 18000	20.9	54.7	58.4	61.7	63.4	64.1	64.9	65.3	65.4	65.6	65.7	65.8	65.9	65.9	66.0	66.2
≥ 16000	20.9	54.7	58.4	61.7	63.4	64.1	64.9	65.3	65.4	65.6	65.7	65.8	65.9	65.9	66.0	66.2
≥ 14000	20.9	54.9	58.7	62.0	63.7	64.4	65.2	65.6	65.7	65.9	66.0	66.1	66.2	66.2	66.3	66.5
≥ 12000	21.1	55.9	59.8	63.1	64.9	65.6	66.4	66.8	66.9	67.1	67.2	67.3	67.4	67.4	67.5	67.8
≥ 10000	21.8	59.3	63.3	66.9	68.8	69.5	70.4	70.8	70.9	71.1	71.3	71.3	71.4	71.5	71.5	71.8
≥ 9000	21.9	60.1	64.1	67.7	69.6	70.3	71.2	71.7	71.8	72.0	72.1	72.2	72.3	72.3	72.4	72.6
≥ 8000	22.2	62.5	66.9	70.9	72.9	73.7	74.6	75.0	75.2	75.3	75.5	75.5	75.6	75.7	75.8	76.0
≥ 7000	22.6	63.9	68.6	72.7	74.9	75.7	76.6	77.1	77.3	77.4	77.6	77.6	77.8	77.8	77.9	78.2
≥ 6000	23.0	65.3	70.2	74.4	76.6	77.3	78.3	78.9	79.0	79.2	79.3	79.4	79.5	79.5	79.6	79.9
≥ 5000	23.2	66.4	71.3	75.6	77.8	78.6	79.6	80.1	80.2	80.4	80.5	80.6	80.7	80.8	80.8	81.1
≥ 4500	23.3	67.1	72.1	76.5	78.8	79.6	80.6	81.1	81.2	81.4	81.6	81.6	81.7	81.8	81.9	82.1
≥ 4000	23.5	68.4	73.7	78.3	80.7	81.6	82.7	83.3	83.4	83.6	83.8	83.8	83.9	84.0	84.1	84.3
≥ 3500	23.6	69.5	75.0	79.7	82.2	83.0	84.2	84.7	84.8	85.0	85.2	85.3	85.4	85.4	85.5	85.8
≥ 3000	23.9	70.8	76.5	81.4	84.0	84.8	86.1	86.6	86.8	87.0	87.2	87.2	87.3	87.4	87.5	87.7
≥ 2500	24.2	71.9	77.8	82.9	85.6	86.5	87.7	88.3	88.5	88.7	88.9	88.9	89.0	89.1	89.2	89.4
≥ 2000	24.3	72.9	78.8	84.1	86.8	87.8	89.1	89.7	89.8	90.0	90.2	90.3	90.4	90.4	90.5	90.8
≥ 1800	24.3	73.3	79.2	84.5	87.3	88.2	89.5	90.1	90.3	90.5	90.7	90.7	90.8	90.9	91.0	91.2
≥ 1500	24.4	73.9	80.0	85.3	88.1	89.1	90.5	91.1	91.2	91.4	91.6	91.7	91.8	91.9	92.0	92.2
≥ 1200	24.4	74.4	80.7	86.2	89.1	90.0	91.4	92.0	92.2	92.4	92.6	92.6	92.8	92.8	92.9	93.2
≥ 1000	24.4	74.8	81.3	86.8	89.9	90.9	92.4	93.0	93.1	93.3	93.5	93.6	93.7	93.8	93.8	94.1
≥ 900	24.4	75.1	81.7	87.3	90.5	91.5	93.1	93.7	93.8	94.0	94.2	94.3	94.4	94.4	94.5	94.8
≥ 800	24.4	75.3	81.9	87.6	91.0	92.1	93.7	94.3	94.5	94.7	94.8	94.9	95.0	95.1	95.2	95.4
≥ 700	24.5	75.5	82.2	88.0	91.5	92.5	94.3	94.9	95.0	95.3	95.4	95.5	95.6	95.7	95.8	96.0
≥ 600	24.5	75.7	82.4	88.4	92.1	93.2	95.1	95.8	96.0	96.2	96.4	96.4	96.6	96.7	96.8	97.0
≥ 500	24.5	75.8	82.7	88.8	92.7	93.9	95.9	96.6	96.8	97.0	97.2	97.3	97.5	97.5	97.6	97.9
≥ 400	24.5	75.9	82.8	89.1	93.2	94.4	96.6	97.3	97.5	97.8	98.0	98.1	98.3	98.3	98.4	98.7
≥ 300	24.5	75.9	82.9	89.2	93.4	94.6	96.9	97.8	98.0	98.3	98.5	98.6	98.9	98.9	99.1	99.3
≥ 200	24.5	75.9	82.9	89.2	93.4	94.6	96.9	97.9	98.1	98.5	98.7	98.8	99.2	99.3	99.4	99.7
≥ 100	24.5	75.9	82.9	89.2	93.4	94.6	96.9	97.9	98.1	98.5	98.8	98.8	99.2	99.3	99.5	99.9
≥ 0	24.5	75.9	82.9	89.2	93.4	94.6	96.9	97.9	98.1	98.5	98.8	98.8	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.7	64.4	65.3	65.7	66.3	66.5	66.8	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.4
≥ 20000	21.9	66.1	67.0	67.4	68.1	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	69.1
≥ 18000	21.9	66.1	67.0	67.4	68.1	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	69.1
≥ 16000	21.9	66.1	67.0	67.4	68.1	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	69.1
≥ 14000	22.0	66.5	67.3	67.7	68.4	68.5	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.5
≥ 12000	22.6	67.6	68.5	68.9	69.6	69.7	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.6
≥ 10000	23.1	69.8	70.9	71.3	71.9	72.0	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	73.0
≥ 9000	23.1	70.3	71.4	71.8	72.5	72.6	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.5
≥ 8000	23.4	72.4	73.4	74.3	74.9	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	76.1
≥ 7000	23.7	74.0	75.1	75.9	76.6	76.8	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.7
≥ 6000	24.0	75.2	76.6	77.4	78.1	78.3	78.6	78.7	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.4
≥ 5000	24.3	76.9	78.4	79.4	80.1	80.3	80.6	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.4
≥ 4500	24.6	78.0	79.6	80.5	81.3	81.5	81.8	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.6
≥ 4000	24.7	80.1	81.7	82.9	84.1	84.4	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.2	85.5
≥ 3500	24.9	81.1	82.7	83.9	85.1	85.4	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.5
≥ 3000	24.9	81.8	83.6	85.1	86.2	86.6	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.6
≥ 2500	25.2	82.6	84.6	86.0	87.2	87.5	87.8	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.3	88.6
≥ 2000	25.2	83.2	85.4	86.9	88.1	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.5
≥ 1800	25.4	83.8	86.0	87.6	89.0	89.4	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.4
≥ 1500	25.4	84.6	87.0	89.1	90.5	90.9	91.2	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.9
≥ 1200	25.4	85.1	87.7	90.0	91.4	91.7	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.8
≥ 1000	25.4	85.7	88.5	90.8	92.2	92.7	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.8
≥ 900	25.5	85.9	88.8	91.1	92.5	93.0	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.8	94.1
≥ 800	25.5	86.1	89.0	91.5	92.9	93.5	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.8
≥ 700	25.5	86.2	89.2	92.2	93.5	94.3	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.8	96.1
≥ 600	25.5	86.8	89.8	92.7	94.3	95.1	95.8	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.9
≥ 500	25.5	86.8	89.8	93.2	95.2	95.9	97.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.8
≥ 400	25.5	86.9	90.0	93.4	95.4	96.1	97.5	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.5
≥ 300	25.5	86.9	90.0	93.5	95.6	96.3	97.8	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.9
≥ 200	25.5	86.9	90.0	93.5	95.6	96.3	97.8	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.9
≥ 100	25.5	86.9	90.0	93.5	95.6	96.3	97.8	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.9
≥ 0	25.5	86.9	90.0	93.5	95.6	96.3	97.8	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72240	FT KNOX/GODMAN AAF KY	65-70,75-78	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.1	61.7	63.9	65.1	66.6	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	68.1
≥ 20000	19.1	63.1	65.3	66.5	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69.5
≥ 18000	19.1	63.1	65.3	66.5	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69.5
≥ 16000	19.1	63.1	65.3	66.5	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69.5
≥ 14000	19.1	63.1	65.3	66.5	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69.5
≥ 12000	19.5	64.0	66.1	67.3	68.8	68.9	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	70.3
≥ 10000	19.8	65.5	67.8	69.2	70.8	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	72.4
≥ 9000	19.8	66.1	68.5	69.9	71.4	71.6	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	73.0
≥ 8000	20.2	68.1	70.6	72.4	73.9	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	75.5
≥ 7000	20.6	69.9	72.5	74.2	75.7	75.9	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	77.3
≥ 6000	20.9	70.8	73.7	75.4	76.9	77.1	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	78.5
≥ 5000	21.2	71.6	74.7	76.5	78.1	78.3	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	79.9
≥ 4500	21.5	72.4	75.5	77.2	78.8	79.0	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	80.6
≥ 4000	21.5	73.5	77.1	78.9	80.5	80.8	81.1	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	82.5
≥ 3500	21.5	74.3	78.0	79.8	81.4	81.6	81.9	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	83.3
≥ 3000	21.5	75.2	78.8	80.8	82.4	82.7	83.1	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	84.6
≥ 2500	21.5	76.2	79.9	81.8	83.5	83.9	84.4	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.9
≥ 2000	21.5	77.2	80.9	83.2	85.2	85.5	86.1	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	87.7
≥ 1800	21.7	77.8	81.6	84.0	85.9	86.3	87.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	88.6
≥ 1500	21.7	78.9	82.7	85.3	87.2	87.6	88.3	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.9
≥ 1200	21.7	79.1	83.1	85.7	87.6	88.1	88.7	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	90.3
≥ 1000	21.7	79.7	83.9	86.5	88.4	89.0	89.7	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	91.3
≥ 900	21.7	80.1	84.4	87.3	89.2	89.9	90.6	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	92.3
≥ 800	21.7	80.4	84.8	88.1	90.3	91.0	91.9	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.5
≥ 700	21.7	80.8	85.2	88.6	91.0	91.6	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	94.3
≥ 600	21.7	81.1	85.6	89.4	91.8	92.5	93.5	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	95.4
≥ 500	21.7	81.1	85.8	89.7	92.2	92.8	94.3	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	96.1
≥ 400	21.7	81.4	86.3	90.3	92.9	93.7	95.8	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	98.0
≥ 300	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.0	97.3	97.7	97.7	97.7	97.8	97.8	97.8	98.8
≥ 200	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.1	97.5	98.0	98.1	98.1	98.2	98.2	98.2	99.2
≥ 100	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.1	97.5	98.0	98.1	98.1	98.2	98.2	98.2	99.4
≥ 0	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.1	97.5	98.0	98.1	98.1	98.2	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GOODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.2	48.6	51.6	54.3	56.2	56.9	57.6	58.0	58.4	58.5	58.5	58.5	58.5	58.6	58.7	59.1
≥ 20000	17.6	51.3	54.5	57.3	59.2	60.0	60.8	61.1	61.5	61.6	61.6	61.6	61.6	61.7	61.8	62.3
≥ 18000	17.6	51.3	54.5	57.4	59.4	60.1	60.9	61.2	61.6	61.7	61.7	61.7	61.7	61.8	61.9	62.4
≥ 16000	17.6	51.3	54.5	57.4	59.4	60.1	60.9	61.2	61.6	61.7	61.7	61.7	61.7	61.8	61.9	62.4
≥ 14000	17.6	51.5	54.7	57.6	59.6	60.3	61.1	61.4	61.8	61.9	61.9	61.9	61.9	62.0	62.2	62.6
≥ 12000	18.4	53.2	56.5	59.4	61.3	62.0	62.8	63.1	63.5	63.7	63.7	63.7	63.7	63.8	63.9	64.3
≥ 10000	18.8	54.5	58.0	61.0	63.0	63.8	64.5	64.8	65.3	65.4	65.4	65.4	65.4	65.5	65.6	66.0
≥ 9000	19.0	54.9	58.5	61.5	63.5	64.3	65.1	65.4	65.8	65.9	65.9	65.9	65.9	66.0	66.1	66.6
≥ 8000	19.7	57.7	61.6	64.6	66.7	67.4	68.2	68.5	68.9	69.0	69.0	69.0	69.0	69.1	69.2	69.7
≥ 7000	20.1	59.1	63.1	66.1	68.2	68.9	69.7	70.0	70.4	70.5	70.5	70.5	70.5	70.6	70.8	71.2
≥ 6000	20.2	59.8	63.8	67.1	69.5	70.2	71.0	71.3	71.7	71.8	71.8	71.8	71.8	71.9	72.0	72.5
≥ 5000	20.3	61.1	65.1	68.5	71.0	71.8	72.6	72.9	73.3	73.4	73.4	73.4	73.4	73.5	73.7	74.1
≥ 4500	20.4	62.0	66.1	69.6	72.4	73.2	74.0	74.3	74.7	74.8	74.8	74.8	74.8	74.9	75.1	75.5
≥ 4000	20.8	63.4	67.7	71.2	74.0	74.8	75.8	76.2	76.7	76.8	76.8	76.8	76.8	76.9	77.0	77.5
≥ 3500	20.9	64.5	69.0	72.5	75.4	76.2	77.3	77.7	78.2	78.3	78.3	78.3	78.3	78.4	78.5	79.0
≥ 3000	20.9	65.4	70.1	73.9	77.0	78.0	79.2	79.7	80.1	80.2	80.2	80.2	80.2	80.3	80.4	81.0
≥ 2500	21.2	66.6	71.3	75.1	78.3	79.2	80.5	81.0	81.4	81.5	81.5	81.5	81.5	81.6	81.7	82.3
≥ 2000	21.4	67.6	72.5	76.6	79.8	80.8	82.0	82.5	82.9	83.0	83.0	83.0	83.0	83.1	83.2	83.8
≥ 1800	21.5	68.5	73.3	77.4	80.8	81.7	83.0	83.4	83.9	84.0	84.0	84.0	84.0	84.1	84.2	84.7
≥ 1500	21.7	69.4	74.2	78.3	81.6	82.7	84.1	84.5	84.9	85.1	85.1	85.1	85.1	85.2	85.3	85.8
≥ 1200	21.7	69.9	74.8	78.9	82.5	83.7	85.2	85.6	86.0	86.1	86.1	86.1	86.1	86.2	86.3	86.9
≥ 1000	21.7	70.5	75.6	79.9	83.5	84.7	86.3	86.8	87.2	87.3	87.3	87.3	87.3	87.4	87.5	88.1
≥ 900	21.8	71.1	76.2	80.9	84.7	86.0	87.7	88.2	88.6	88.7	88.7	88.7	88.7	88.8	88.9	89.5
≥ 800	21.8	71.8	77.2	82.0	86.0	87.6	89.4	89.8	90.2	90.3	90.3	90.3	90.3	90.4	90.5	91.1
≥ 700	21.8	72.3	77.7	83.1	87.2	88.9	90.8	91.2	91.6	91.7	91.7	91.7	91.7	91.8	91.9	92.5
≥ 600	21.8	72.6	78.2	83.8	88.1	89.8	91.7	92.3	92.7	92.8	92.8	92.8	92.8	92.9	93.0	93.5
≥ 500	21.9	72.8	78.4	84.0	88.4	90.2	92.5	93.1	93.8	93.9	94.0	94.0	94.0	94.1	94.3	94.8
≥ 400	21.9	73.0	78.6	84.2	89.2	91.2	93.5	94.3	94.9	95.2	95.3	95.3	95.3	95.4	95.6	96.1
≥ 300	21.9	73.2	78.8	84.4	89.6	91.6	94.6	95.8	96.6	96.8	97.0	97.0	97.0	97.1	97.5	98.1
≥ 200	21.9	73.2	78.8	84.4	89.6	91.6	94.6	95.8	96.6	96.8	97.0	97.0	97.1	97.4	97.8	98.7
≥ 100	21.9	73.2	78.8	84.4	89.6	91.6	94.6	95.8	96.6	96.8	97.1	97.1	97.2	97.5	98.0	99.1
≥ 0	21.9	73.2	78.8	84.4	89.6	91.6	94.6	95.8	96.6	96.8	97.1	97.1	97.3	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.5	56.6	57.2	56.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 20000	32.7	59.4	60.1	61.1	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 18000	32.7	59.4	60.1	61.1	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 16000	32.7	59.4	60.1	61.1	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 14000	32.9	60.1	60.9	61.8	62.0	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
≥ 12000	33.1	61.2	61.9	62.9	63.1	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7
≥ 10000	34.3	64.1	64.8	66.0	66.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9
≥ 9000	34.5	65.2	65.9	67.1	67.4	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0
≥ 8000	35.5	67.6	68.6	69.8	70.1	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 7000	36.3	69.0	70.0	71.2	71.5	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2
≥ 6000	36.8	70.0	71.1	72.4	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
≥ 5000	36.9	71.5	72.6	73.9	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1
≥ 4500	37.3	72.7	73.8	75.1	75.6	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 4000	37.8	74.2	75.5	77.0	77.6	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 3500	38.2	75.4	76.9	78.4	79.0	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 3000	38.5	76.3	78.0	79.5	80.1	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 2500	38.8	77.8	79.5	81.2	81.9	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
≥ 2000	39.6	80.0	81.7	83.5	84.4	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
≥ 1800	39.8	80.3	82.0	83.9	84.8	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 1500	40.3	81.8	83.7	85.5	86.7	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 1200	40.4	82.9	84.9	86.8	88.2	88.6	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4
≥ 1000	40.5	83.7	86.0	88.2	89.7	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 900	40.5	84.1	86.8	89.2	90.9	91.5	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 800	40.5	84.5	87.3	90.1	91.7	92.4	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5
≥ 700	40.5	84.7	87.5	90.6	92.6	93.4	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6
≥ 600	40.5	84.9	87.7	91.3	93.7	94.5	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9
≥ 500	40.5	85.3	88.2	91.7	94.3	95.3	96.1	96.3	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9
≥ 400	40.5	85.6	88.5	92.3	95.3	96.3	97.6	98.5	98.6	98.7	98.8	98.9	99.0	99.0	99.1	99.2
≥ 300	40.5	85.6	88.5	92.3	95.3	96.3	97.6	98.6	98.7	98.8	98.9	99.0	99.2	99.2	99.4	99.5
≥ 200	40.5	85.6	88.5	92.3	95.3	96.3	97.6	98.6	98.7	98.8	98.9	99.0	99.2	99.4	99.5	99.7
≥ 100	40.5	85.6	88.5	92.3	95.3	96.3	97.6	98.6	98.7	98.8	99.0	99.1	99.4	99.5	99.6	99.9
≥ 0	40.5	85.6	88.5	92.3	95.3	96.3	97.6	98.6	98.7	98.8	99.0	99.1	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 55 0-14 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.2	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	39.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	39.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	39.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	39.8	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	40.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	42.0	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	42.3	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	44.3	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	45.1	68.8	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	45.5	69.8	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	70.4
≥ 5000	45.6	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	45.9	71.6	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	48.1	75.7	76.1	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	49.1	78.0	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	50.4	81.2	81.6	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	51.2	84.3	84.7	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	52.9	87.4	88.0	88.8	89.1	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	53.0	88.0	88.5	89.4	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	53.1	88.8	89.9	90.8	91.2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	53.2	90.3	91.6	92.5	93.0	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	53.2	91.0	92.8	93.8	94.4	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	53.2	91.1	93.2	94.2	94.9	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	53.2	91.2	93.3	94.4	95.4	95.6	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	53.2	91.2	93.5	94.6	95.7	96.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	53.2	91.3	94.0	95.2	96.3	96.9	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	53.2	91.3	94.2	95.4	96.7	97.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	53.2	91.3	94.2	95.6	97.0	97.5	98.7	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	53.2	91.3	94.2	95.6	97.0	97.5	98.8	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.2	91.3	94.2	95.6	97.0	97.5	98.8	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.2	91.3	94.2	95.6	97.0	97.5	98.8	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.2	91.3	94.2	95.6	97.0	97.5	98.8	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.1	56.1	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	43.2	59.2	59.2	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000	43.2	59.2	59.2	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	43.2	59.2	59.2	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	43.8	60.1	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	45.6	62.3	62.3	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	46.8	64.8	64.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	46.9	65.5	65.5	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
≥ 8000	48.7	68.7	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	49.8	71.4	71.7	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	50.0	72.4	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	50.4	73.4	73.8	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	51.4	75.4	75.7	76.1	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	52.9	78.8	79.2	79.8	80.4	80.4	80.5	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	53.4	80.4	80.9	81.4	82.0	82.0	82.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	54.6	83.8	84.3	84.8	85.5	85.5	85.6	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	55.4	86.2	86.9	87.4	88.1	88.1	88.2	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	56.0	88.2	88.9	89.6	90.2	90.2	90.3	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	56.1	89.0	89.8	90.4	91.2	91.2	91.3	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	56.1	89.9	91.0	91.6	92.4	92.4	92.6	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	56.1	90.9	92.2	92.9	93.9	93.9	94.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	56.1	91.3	92.6	93.3	94.5	94.5	94.8	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	56.1	91.4	92.9	93.8	95.1	95.1	95.4	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	56.1	91.6	93.1	94.1	95.5	95.5	96.1	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	56.1	91.8	93.5	94.5	95.9	95.9	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	56.1	91.9	93.7	94.6	96.1	96.2	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	56.1	92.0	93.9	95.1	96.9	97.0	98.5	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	56.1	92.3	94.1	95.3	97.3	97.4	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	56.1	92.3	94.1	95.3	97.3	97.4	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.1	92.3	94.1	95.3	97.3	97.4	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.1	92.3	94.1	95.3	97.3	97.4	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.1	92.3	94.1	95.3	97.3	97.4	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.9	59.7	60.0	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	33.4	62.5	62.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	33.4	62.5	62.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	33.4	62.5	62.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	33.8	62.9	63.2	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	34.2	64.6	65.1	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
≥ 10000	34.7	67.3	67.8	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	34.8	67.8	68.5	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	36.0	70.9	71.5	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	36.6	73.1	73.8	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	37.7	75.9	76.6	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	38.3	77.4	78.3	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
≥ 4500	38.7	78.7	79.6	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	40.2	83.8	84.9	85.4	85.7	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	40.2	84.3	85.5	85.9	86.2	86.3	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	40.9	86.8	88.0	88.5	88.9	89.0	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	41.1	88.3	89.7	90.4	90.9	91.0	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	41.2	89.1	90.6	91.5	91.9	92.0	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	41.2	89.5	91.2	92.0	92.5	92.6	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	41.2	89.8	91.5	92.4	93.0	93.2	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	41.2	90.2	92.2	93.2	93.9	94.1	94.8	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	41.2	90.4	92.4	93.4	94.1	94.4	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	41.2	90.5	92.6	93.7	94.3	94.6	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	41.2	90.6	92.8	94.0	94.8	95.2	96.2	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	41.2	90.6	92.8	94.0	94.9	95.3	96.7	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	41.2	90.6	92.8	94.1	95.3	95.8	97.0	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	41.2	91.0	93.2	94.6	95.9	96.5	97.6	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	41.2	91.0	93.2	94.7	96.6	97.2	98.7	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	41.2	91.0	93.2	94.7	96.6	97.3	98.8	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	41.2	91.0	93.2	94.7	96.6	97.3	98.8	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	41.2	91.0	93.2	94.7	96.6	97.3	98.8	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	41.2	91.0	93.2	94.7	96.6	97.3	98.8	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.5	64.7	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	27.6	66.0	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	27.6	66.0	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	27.6	66.0	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	27.6	66.1	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	28.0	67.4	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	28.5	69.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	28.6	70.9	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	29.2	73.0	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	29.5	74.4	75.5	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	30.0	77.5	78.8	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
≥ 5000	30.9	80.1	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	31.0	81.0	82.7	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	31.1	83.4	85.3	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	31.3	84.5	86.5	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	31.5	87.6	89.7	90.6	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	31.7	88.4	90.4	91.4	91.8	91.8	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	31.7	88.9	91.1	92.2	92.6	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	31.7	89.1	91.3	92.5	92.9	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	31.8	89.8	92.0	93.4	94.0	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	31.8	89.8	92.0	93.4	94.0	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	31.8	89.9	92.3	93.8	94.4	94.5	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	31.8	90.0	92.4	94.0	94.6	94.7	95.1	95.3	95.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	31.8	90.1	92.6	94.2	95.1	95.2	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	31.8	90.4	93.0	94.9	95.8	95.9	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	31.8	90.6	93.3	95.3	96.2	96.3	96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	31.8	90.6	93.5	95.6	96.8	97.0	97.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	31.8	90.6	93.5	95.6	96.9	97.1	97.8	98.8	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	31.8	90.6	93.5	95.6	96.9	97.1	98.0	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 200	31.8	90.6	93.5	95.6	96.9	97.1	98.0	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100	31.8	90.6	93.5	95.6	96.9	97.1	98.0	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 0	31.8	90.6	93.5	95.6	96.9	97.1	98.0	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.5	58.3	59.3	60.0	60.7	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.4
≥ 20000	29.4	60.7	61.7	62.5	63.1	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.9
≥ 18000	29.4	60.7	61.7	62.5	63.1	63.3	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.9
≥ 16000	29.4	60.7	61.7	62.5	63.1	63.3	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.9
≥ 14000	29.6	61.1	62.1	62.9	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.3
≥ 12000	30.2	62.5	63.5	64.3	65.0	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.7
≥ 10000	31.0	64.8	66.0	66.9	67.5	67.7	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.3
≥ 9000	31.1	65.6	66.8	67.6	68.3	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.1
≥ 8000	32.1	68.2	69.5	70.5	71.2	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	72.0
≥ 7000	32.7	70.0	71.4	72.4	73.0	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.8
≥ 6000	33.1	71.4	72.9	74.0	74.7	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.6
≥ 5000	33.5	72.8	74.4	75.6	76.4	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 4500	33.9	74.0	75.6	76.8	77.6	77.8	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.5
≥ 4000	34.6	76.6	78.5	79.7	80.7	80.9	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.8
≥ 3500	34.9	77.8	79.7	81.0	82.0	82.2	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9	83.1
≥ 3000	35.4	79.8	81.8	83.2	84.2	84.5	84.8	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.5
≥ 2500	35.8	81.3	83.4	84.9	85.9	86.2	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.2
≥ 2000	36.2	82.7	84.9	86.5	87.7	88.0	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.1
≥ 1800	36.3	83.3	85.5	87.2	88.4	88.7	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.8
≥ 1500	36.4	84.1	86.5	88.3	89.6	89.9	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	91.1
≥ 1200	36.5	84.8	87.3	89.2	90.6	90.9	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.2
≥ 1000	36.5	85.3	88.0	89.9	91.4	91.9	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.2
≥ 900	36.5	85.5	88.4	90.5	92.0	92.5	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.9
≥ 800	36.5	85.8	88.8	91.0	92.7	93.2	94.1	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.9
≥ 700	36.5	86.0	89.1	91.6	93.3	94.0	95.0	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.8
≥ 600	36.5	86.2	89.4	92.0	94.0	94.6	95.7	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.7
≥ 500	36.5	86.4	89.6	92.4	94.5	95.2	96.5	97.0	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.8
≥ 400	36.5	86.5	89.8	92.7	95.1	95.8	97.3	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.9
≥ 300	36.5	86.5	89.8	92.7	95.2	95.9	97.6	98.4	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.5
≥ 200	36.5	86.5	89.8	92.7	95.2	95.9	97.6	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.7
≥ 100	36.5	86.5	89.8	92.7	95.2	95.9	97.6	98.4	98.8	99.0	99.1	99.2	99.2	99.3	99.4	99.7
≥ 0	36.5	86.5	89.8	92.7	95.2	95.9	97.6	98.4	98.8	99.0	99.1	99.2	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.6	45.3	46.5	47.0	47.1	47.2	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.5	47.6	47.6
≥ 20000	19.9	45.8	47.1	47.5	47.6	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.2	48.3	48.3
≥ 18000	19.9	45.8	47.1	47.5	47.6	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.2	48.3	48.3
≥ 16000	19.9	45.8	47.1	47.5	47.6	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.2	48.3	48.3
≥ 14000	19.9	45.8	47.1	47.5	47.6	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.2	48.3	48.3
≥ 12000	21.2	47.9	49.2	49.7	49.8	50.0	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.3	50.5	50.5
≥ 10000	22.6	51.5	52.8	53.3	53.4	53.7	53.7	53.7	53.7	53.9	53.9	53.9	53.9	54.1	54.2	54.2
≥ 9000	22.9	52.0	53.4	53.8	53.9	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.6	54.7	54.7
≥ 8000	23.0	55.1	56.5	57.1	57.3	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	58.0	58.1	58.1
≥ 7000	23.2	57.3	58.8	59.3	59.6	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.2	60.4	60.4
≥ 6000	23.6	59.3	60.8	61.4	61.6	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.3	62.4	62.4
≥ 5000	24.9	62.5	64.1	64.8	65.0	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.7	65.8	65.8
≥ 4500	25.8	64.8	66.3	67.0	67.6	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.2	68.4	68.4
≥ 4000	26.8	69.9	71.5	72.4	73.4	73.8	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.2	74.3	74.3
≥ 3500	26.9	71.3	72.9	73.8	74.8	75.1	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.6	75.7	75.7
≥ 3000	27.1	73.2	74.9	75.8	76.9	77.3	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.8	77.9	77.9
≥ 2500	27.6	75.9	77.9	78.8	80.0	80.3	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.9	81.0	81.0
≥ 2000	27.7	77.6	80.1	81.1	82.4	82.8	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.3	83.4	83.4
≥ 1800	27.9	78.7	81.3	82.3	83.8	84.1	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.7	84.8	84.8
≥ 1500	27.9	80.2	83.0	84.0	85.6	85.9	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.7	86.8	86.8
≥ 1200	28.0	81.5	84.6	85.8	87.4	87.7	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.5	88.6	88.6
≥ 1000	28.0	82.5	85.7	86.9	88.6	89.0	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.2	90.2
≥ 900	28.4	83.9	87.2	88.5	90.3	90.7	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.9	92.0	92.0
≥ 800	28.4	84.5	88.0	89.3	91.1	91.6	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.9	93.0	93.0
≥ 700	28.4	84.8	88.3	89.6	91.9	92.3	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.7	93.8	93.8
≥ 600	28.4	85.1	88.6	90.2	92.7	93.1	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.6	94.7	94.7
≥ 500	28.4	85.6	89.1	90.7	93.6	94.0	95.0	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.7	95.7
≥ 400	28.4	85.7	89.3	91.0	94.1	94.9	96.1	96.5	96.7	97.0	97.0	97.0	97.0	97.1	97.2	97.2
≥ 300	28.4	85.7	89.3	91.0	94.3	95.0	96.2	96.7	97.1	97.3	97.3	97.3	97.3	97.5	97.6	97.6
≥ 200	28.4	85.7	89.3	91.0	94.3	95.0	96.2	97.1	97.4	97.6	97.9	98.0	98.1	98.3	98.5	98.9
≥ 100	28.4	85.7	89.3	91.0	94.3	95.0	96.3	97.2	97.5	97.7	98.0	98.1	98.5	98.8	99.0	99.3
≥ 0	28.4	85.7	89.3	91.0	94.3	95.0	96.3	97.2	97.5	97.7	98.0	98.1	98.5	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GOODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.8	41.3	43.8	44.3	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.7	45.0	45.0	45.2
≥ 20000	19.8	42.7	45.2	45.6	45.8	45.8	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.4	46.4	46.5
≥ 18000	19.9	42.8	45.3	45.7	45.9	45.9	46.	46.1	46.1	46.2	46.2	46.2	46.2	46.5	46.5	46.6
≥ 16000	19.9	42.8	45.3	45.7	45.9	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.5	46.5	46.6
≥ 14000	19.9	42.8	45.3	45.7	45.9	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.5	46.5	46.6
≥ 12000	20.4	44.3	46.7	47.3	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	48.1	48.1	48.2
≥ 10000	22.3	48.1	50.8	51.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.5	52.5	52.6
≥ 9000	22.5	49.0	51.7	52.6	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.4	53.4	53.5
≥ 8000	22.9	52.3	55.0	55.9	56.3	56.3	56.6	56.6	56.6	56.8	56.8	56.8	56.8	57.1	57.1	57.2
≥ 7000	22.9	54.2	56.9	57.8	58.2	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7	59.0	59.0	59.1
≥ 6000	23.2	56.1	58.8	59.7	60.1	60.1	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.9	60.9	61.0
≥ 5000	24.2	58.9	62.3	63.2	63.9	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.6	64.6	64.8
≥ 4500	24.7	60.7	64.1	65.3	66.1	66.1	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.9	66.9	67.0
≥ 4000	26.0	64.8	68.6	70.2	70.9	70.9	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.8	71.8	72.0
≥ 3500	27.0	67.3	71.2	72.7	73.5	73.5	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.7	74.7	74.8
≥ 3000	27.4	70.4	74.2	75.8	76.7	76.7	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.8	77.8	77.9
≥ 2500	27.7	71.4	75.6	77.1	78.2	78.2	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.3	79.3	79.4
≥ 2000	28.5	75.2	79.5	81.3	82.5	82.5	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.7	83.7	83.8
≥ 1800	28.6	76.1	80.4	82.2	83.4	83.4	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.6	84.6	84.7
≥ 1500	28.7	77.8	82.1	83.9	85.1	85.1	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.6	86.6	86.7
≥ 1200	28.7	78.5	82.9	85.0	86.4	86.4	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.8	87.8	88.0
≥ 1000	28.7	79.8	84.5	86.8	88.2	88.2	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.9	89.9	90.0
≥ 900	28.7	81.0	85.8	88.2	89.5	89.5	90.5	90.7	90.8	90.9	90.9	90.9	90.9	91.2	91.2	91.3
≥ 800	28.7	81.4	86.4	88.7	90.2	90.2	91.2	91.3	91.4	91.6	91.6	91.7	91.7	92.0	92.0	92.1
≥ 700	28.7	81.9	86.8	89.3	91.0	91.0	92.0	92.1	92.2	92.3	92.3	92.5	92.5	92.8	92.8	92.9
≥ 600	28.7	82.0	86.9	89.5	91.4	91.6	92.6	92.8	92.9	93.1	93.1	93.2	93.2	93.6	93.6	93.7
≥ 500	28.7	82.4	87.5	90.2	92.3	92.6	93.8	94.1	94.4	94.7	94.8	94.9	94.9	95.3	95.3	95.4
≥ 400	28.7	82.5	87.7	90.4	92.7	93.1	94.5	95.4	95.6	95.9	96.2	96.3	96.3	96.6	96.6	96.7
≥ 300	28.7	82.5	87.7	90.4	92.9	93.6	95.0	95.9	96.2	96.5	96.7	96.8	96.8	97.2	97.2	97.3
≥ 200	28.7	82.5	87.8	90.5	93.0	93.7	95.4	96.4	96.6	97.0	97.2	97.3	97.3	97.7	98.0	98.2
≥ 100	28.7	82.5	87.8	90.5	93.0	93.7	95.4	96.6	96.8	97.2	97.5	97.6	98.0	98.5	99.1	99.4
≥ 0	28.7	82.5	87.8	90.5	93.0	93.7	95.4	96.6	96.8	97.2	97.5	97.6	98.0	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.7	33.4	35.6	37.1	38.7	39.0	39.4	39.6	39.7	40.3	40.6	40.6	40.6	40.6	40.8	40.8
≥ 20000	15.4	34.7	37.0	38.7	40.2	40.6	41.0	41.2	41.3	42.0	42.2	42.2	42.2	42.4	42.6	42.6
≥ 18000	15.5	34.8	37.1	38.8	40.3	40.7	41.1	41.3	41.5	42.1	42.4	42.4	42.4	42.5	42.7	42.7
≥ 16000	15.5	34.8	37.1	38.8	40.3	40.7	41.1	41.3	41.5	42.1	42.4	42.4	42.4	42.5	42.7	42.7
≥ 14000	15.8	35.2	37.4	39.1	40.7	41.0	41.5	41.7	41.8	42.5	42.7	42.7	42.7	42.8	43.0	43.0
≥ 12000	16.7	36.6	39.0	40.7	42.2	42.6	43.0	43.4	43.5	44.2	44.4	44.4	44.4	44.5	44.7	44.7
≥ 10000	18.1	39.8	42.5	44.5	46.3	46.6	47.1	47.5	47.6	48.3	48.5	48.5	48.5	48.7	48.9	48.9
≥ 9000	18.3	40.8	43.5	45.5	47.3	47.6	48.1	48.5	48.7	49.3	49.6	49.6	49.6	49.7	49.9	49.9
≥ 8000	19.6	44.3	47.2	49.4	51.6	51.9	52.4	52.8	52.9	53.6	53.8	53.8	53.8	53.9	54.2	54.2
≥ 7000	20.0	46.0	48.9	51.2	53.5	53.8	54.3	54.7	54.8	55.5	55.7	55.7	55.7	55.8	56.1	56.1
≥ 6000	20.7	47.3	50.2	52.6	55.1	55.4	55.8	56.3	56.4	57.1	57.3	57.3	57.3	57.4	57.6	57.6
≥ 5000	22.1	50.4	53.7	56.4	58.9	59.2	59.7	60.3	60.4	61.1	61.3	61.3	61.3	61.5	61.7	61.7
≥ 4500	22.9	53.3	56.7	59.6	62.5	62.8	63.3	63.9	64.0	64.7	64.9	64.9	64.9	65.1	65.3	65.3
≥ 4000	23.9	56.3	60.0	62.8	65.7	66.1	66.6	67.3	67.4	68.1	68.3	68.3	68.3	68.4	68.7	68.7
≥ 3500	25.4	59.4	63.1	66.0	69.2	69.6	70.1	70.8	70.9	71.6	71.8	71.8	71.8	71.9	72.1	72.1
≥ 3000	25.6	61.0	64.8	67.8	71.2	71.6	72.1	72.8	72.9	73.6	73.8	73.8	73.8	73.9	74.2	74.2
≥ 2500	26.9	63.1	67.1	70.1	73.8	74.2	74.8	75.5	75.6	76.3	76.5	76.5	76.5	76.6	76.9	76.9
≥ 2000	27.4	67.1	71.1	74.2	77.9	78.2	79.1	79.8	79.9	80.7	80.9	80.9	80.9	81.0	81.2	81.2
≥ 1800	27.4	68.0	72.1	75.2	78.9	79.2	80.1	80.8	80.9	81.7	81.9	81.9	81.9	82.0	82.2	82.2
≥ 1500	27.6	70.0	74.3	77.3	81.1	81.5	82.6	83.3	83.4	84.3	84.5	84.5	84.5	84.6	84.8	84.8
≥ 1200	27.8	71.2	75.6	78.8	82.6	82.9	84.2	84.8	84.9	85.8	86.1	86.1	86.1	86.2	86.4	86.4
≥ 1000	27.9	72.1	76.7	80.1	83.9	84.3	85.7	86.5	86.6	87.5	87.8	87.8	87.8	87.9	88.1	88.1
≥ 900	27.9	72.7	77.4	80.8	84.6	84.9	86.5	87.3	87.4	88.3	88.5	88.5	88.5	88.7	88.9	88.9
≥ 800	27.9	73.1	78.0	81.3	85.2	85.5	87.3	88.1	88.2	89.1	89.3	89.3	89.4	89.6	89.8	89.9
≥ 700	27.9	73.8	78.8	82.6	86.6	87.1	89.0	89.8	89.9	90.8	91.0	91.0	91.1	91.2	91.5	91.7
≥ 600	27.9	73.8	79.0	82.9	87.1	88.1	90.1	91.0	91.1	92.0	92.2	92.2	92.4	92.5	92.7	92.9
≥ 500	27.9	74.0	79.7	83.8	88.2	89.3	91.5	92.5	92.9	93.8	94.0	94.0	94.2	94.3	94.5	94.7
≥ 400	27.9	74.0	79.9	84.2	89.2	90.4	92.8	94.2	94.6	95.5	95.8	95.8	96.1	96.2	96.4	96.7
≥ 300	27.9	74.0	79.9	84.2	89.2	90.4	92.8	94.4	94.9	96.4	96.7	96.7	97.0	97.1	97.3	97.6
≥ 200	27.9	74.0	79.9	84.2	89.3	90.6	93.0	94.6	95.3	96.9	97.3	97.4	97.8	98.0	98.2	98.7
≥ 100	27.9	74.0	79.9	84.2	89.3	90.6	93.0	94.7	95.4	97.0	97.8	97.9	98.3	98.5	98.8	99.6
≥ 0	27.9	74.0	79.9	84.2	89.3	90.6	93.0	94.7	95.4	97.0	97.8	97.9	98.3	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.9	37.8	39.6	40.9	41.8	42.0	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.6
≥ 20000	22.8	39.6	41.9	43.1	44.	44.2	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	45.0
≥ 18000	22.8	39.7	42.0	43.2	44.1	44.3	44.7	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1
≥ 16000	22.8	39.7	42.0	43.2	44.1	44.3	44.7	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1
≥ 14000	22.8	39.7	42.0	43.2	44.1	44.3	44.7	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1
≥ 12000	23.1	40.5	42.8	44.1	45.1	45.3	45.7	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	46.1
≥ 10000	24.8	44.3	46.7	48.0	49.0	49.3	49.6	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.3
≥ 9000	25.3	45.8	48.1	49.5	50.5	50.7	51.1	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.7
≥ 8000	26.6	48.1	50.6	52.0	53.2	53.4	53.8	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.4
≥ 7000	27.8	51.0	53.6	55.0	56.2	56.5	56.8	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.5
≥ 6000	28.2	51.9	54.7	56.0	57.2	57.5	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.5
≥ 5000	29.0	54.2	57.4	58.7	59.9	60.2	60.5	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.2
≥ 4500	30.1	56.5	59.7	61.3	62.6	62.9	63.2	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.9
≥ 4000	31.6	58.6	61.8	63.9	65.4	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.7
≥ 3500	32.8	60.4	63.6	65.7	67.3	67.6	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.8
≥ 3000	34.0	63.0	66.4	68.5	70.3	70.5	71.0	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.7
≥ 2500	35.1	65.8	69.4	71.6	73.5	73.7	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	75.0
≥ 2000	36.7	69.6	73.3	75.9	77.9	78.1	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.5
≥ 1800	36.8	70.3	74.1	76.7	78.7	78.9	79.8	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.5
≥ 1500	37.4	72.4	76.5	79.3	81.7	81.9	82.9	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.6
≥ 1200	37.6	74.9	79.1	82.0	84.4	84.6	85.7	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 1000	37.9	76.2	80.5	83.5	85.9	86.1	87.3	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 900	37.9	77.0	81.4	84.7	87.2	87.5	88.8	89.1	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.8
≥ 800	38.0	77.1	81.6	85.4	87.9	88.3	89.7	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	91.0
≥ 700	38.4	78.0	82.7	86.6	89.5	89.9	91.4	92.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.7
≥ 600	38.4	78.5	83.2	87.1	90.1	90.6	92.5	93.3	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.9
≥ 500	38.4	78.6	83.3	87.5	90.8	91.4	93.5	94.5	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.4
≥ 400	38.4	78.7	83.4	87.7	91.6	92.1	94.8	96.0	96.4	96.5	96.7	97.0	97.0	97.0	97.0	97.3
≥ 300	38.4	78.7	83.4	87.7	91.7	92.3	94.9	96.2	97.0	97.5	97.9	98.1	98.1	98.2	98.2	98.8
≥ 200	38.4	78.7	83.4	87.7	91.7	92.3	95.1	96.4	97.2	97.9	98.2	98.4	98.5	98.7	98.7	99.4
≥ 100	38.4	78.7	83.4	87.7	91.7	92.3	95.1	96.4	97.2	97.9	98.2	98.4	98.5	98.7	98.9	99.7
≥ 0	38.4	78.7	83.4	87.7	91.7	92.3	95.1	96.4	97.2	97.9	98.2	98.4	98.5	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC FORM JUL 82 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724243 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.7	42.6	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	29.1	45.7	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 18000	29.1	45.8	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 16000	29.2	45.9	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 14000	29.2	46.0	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	29.9	47.2	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 10000	30.8	50.6	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	31.8	52.1	52.4	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 8000	33.4	55.3	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	33.9	56.6	57.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000	34.[illegible]	57.0	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 5000	34.6	58.9	59.6	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
≥ 4500	35.4	60.4	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	37.[illegible]	63.2	64.3	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
≥ 3500	39.1	66.5	67.6	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3000	40.4	69.1	70.6	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 2500	42.3	72.2	73.8	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2000	44.2	76.8	78.6	79.5	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	44.7	78.6	80.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1500	45.6	81.1	83.6	84.7	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	45.8	82.8	85.7	87.1	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	45.8	83.5	86.5	88.0	88.2	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	45.9	84.4	87.7	89.4	89.9	90.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	46.0	85.4	88.8	90.6	91.	91.5	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	46.0	85.6	89.3	91.2	92.0	92.2	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	46.1	86.3	90.1	92.2	93.1	93.5	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	46.1	86.6	90.8	93.3	94.5	94.8	96.0	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	46.1	86.7	90.9	93.5	95.5	96.0	97.5	98.3	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 300	46.1	86.7	90.9	93.5	95.5	96.0	97.5	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.3
≥ 200	46.1	86.7	90.9	93.5	95.5	96.0	97.6	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.7	99.8
≥ 100	46.1	86.7	90.9	93.5	95.5	96.0	97.6	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.9	100.0
≥ 0	46.1	86.7	90.9	93.5	95.5	96.0	97.6	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72424	FT KNOX/GODMAN AAF KY	65-70,75-78	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.1	42.8	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	31.1	46.7	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	31.1	47.0	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	31.1	47.0	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	31.1	47.1	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	32.7	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000	33.6	51.1	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 9000	34.0	51.9	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	35.1	55.7	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 7000	35.5	57.3	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	36.2	59.1	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	36.9	60.9	61.8	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
≥ 4500	37.9	62.7	63.6	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	40.8	67.9	68.8	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	41.9	70.6	71.6	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	42.8	72.7	73.9	74.8	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	44.2	75.1	76.5	77.5	77.8	77.8	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	44.9	79.6	81.1	82.1	82.5	82.5	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	45.3	80.7	82.2	83.5	84.0	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	45.8	82.1	84.2	85.7	86.3	86.3	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	46.2	84.9	86.9	88.5	89.2	89.2	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	46.2	85.3	87.9	89.6	90.2	90.3	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	46.2	86.0	88.5	90.6	91.3	91.6	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	46.2	86.3	89.1	91.6	92.4	92.6	93.3	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	46.2	86.3	89.2	91.8	93.0	93.4	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	46.2	86.5	89.6	92.5	93.9	94.4	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	46.3	86.9	90.0	93.3	95.2	95.6	96.5	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	46.3	87.0	90.1	93.5	95.6	96.3	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	46.3	87.0	90.1	93.5	95.6	96.3	97.6	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.3
≥ 200	46.3	87.0	90.1	93.5	95.6	96.3	97.6	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.9
≥ 100	46.3	87.0	90.1	93.5	95.6	96.3	97.6	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	100.0
≥ 0	46.3	87.0	90.1	93.5	95.6	96.3	97.6	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 890

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.4	44.1	45.7	45.8	46.0	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	20.3	46.4	47.9	48.2	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.8	48.8
≥ 18000	20.3	46.4	47.9	48.2	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 16000	20.3	46.4	47.9	48.2	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	20.3	46.4	47.9	48.2	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000	21.2	48.7	50.3	50.5	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	22.3	51.8	53.4	53.6	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	22.7	52.3	53.9	54.1	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	23.3	54.2	55.9	56.1	56.3	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	24.2	57.2	59.0	59.2	59.5	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	25.0	59.4	61.1	61.4	61.6	61.9	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000	25.4	62.5	64.5	64.7	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	26.8	64.7	66.7	67.0	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	29.3	70.4	72.5	72.7	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	30.2	72.2	74.2	74.5	74.7	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	30.7	74.2	76.5	76.7	77.0	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	31.1	76.9	79.5	79.8	80.2	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	32.3	80.0	82.6	83.0	83.4	83.8	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	32.3	80.4	83.1	83.5	84.0	84.3	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	32.4	81.6	84.3	85.1	85.9	86.5	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	32.7	83.8	86.8	87.6	88.4	88.9	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	33.3	84.8	87.9	88.8	89.9	90.5	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	33.3	84.9	88.1	89.0	90.3	90.9	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	33.3	85.7	89.4	90.3	91.6	92.4	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	33.3	85.7	89.7	90.6	91.9	92.9	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	33.3	85.9	90.3	91.3	92.6	93.7	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	33.3	86.1	90.6	91.7	93.2	94.3	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	33.3	86.2	90.7	91.8	93.4	94.5	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	33.3	86.3	90.9	92.5	94.3	95.4	97.2	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	33.3	86.3	90.9	92.5	94.3	95.4	97.3	98.5	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	33.3	86.3	90.9	92.5	94.3	95.4	97.3	98.5	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	33.3	86.3	90.9	92.5	94.3	95.4	97.3	98.5	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 893

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.4	44.0	45.6	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6
≥ 20000	18.7	45.0	46.8	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
≥ 18000	18.7	45.0	46.8	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
≥ 16000	18.7	45.0	46.8	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
≥ 14000	18.7	45.0	46.8	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
≥ 12000	19.4	47.3	49.1	49.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.5	50.5
≥ 10000	20.8	51.5	53.3	54.1	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
≥ 9000	21.2	52.3	54.2	55.0	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
≥ 8000	21.5	55.0	56.9	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 7000	22.3	58.4	60.4	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 6000	22.5	59.8	61.8	62.7	62.8	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 5000	23.5	62.5	64.6	65.5	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3
≥ 4500	24.7	66.2	68.5	69.4	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.3
≥ 4000	26.5	70.2	72.4	73.4	73.9	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.5
≥ 3500	26.5	71.1	73.3	74.5	75.0	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7
≥ 3000	26.6	73.3	75.9	77.1	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.3
≥ 2500	26.8	75.9	78.7	80.0	80.4	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1
≥ 2000	27.5	78.6	81.5	83.2	84.1	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 1800	27.6	79.1	82.2	83.9	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.8
≥ 1500	27.9	80.3	83.9	85.7	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7
≥ 1200	27.9	81.9	85.5	87.3	88.4	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3
≥ 1000	28.3	82.9	86.5	88.3	89.6	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5
≥ 900	28.5	83.6	87.5	89.3	90.8	91.4	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.1
≥ 800	28.6	84.3	88.7	90.7	92.1	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.5
≥ 700	28.6	84.8	89.3	91.4	92.9	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.4
≥ 600	28.6	85.1	89.6	91.8	93.2	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.9
≥ 500	28.6	85.8	90.4	92.7	94.5	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3
≥ 400	28.6	85.8	90.5	93.1	95.0	95.8	96.4	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	97.0
≥ 300	28.6	85.9	90.7	93.2	95.3	96.1	96.8	97.3	97.5	97.7	97.9	98.1	98.2	98.2	98.2	98.3
≥ 200	28.6	85.9	90.7	93.2	95.3	96.1	96.8	97.7	98.2	98.5	98.6	98.9	99.0	99.0	99.0	99.2
≥ 100	28.6	85.9	90.7	93.2	95.3	96.1	96.8	97.7	98.2	98.5	98.8	99.0	99.2	99.2	99.2	99.7
≥ 0	28.6	85.9	90.7	93.2	95.3	96.1	96.8	97.7	98.2	98.5	98.8	99.0	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 888

USAF ETAC FORM JUL 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.2	41.4	42.9	43.5	44.0	44.1	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.5	44.5	44.5
≥ 20000	22.1	43.3	44.9	45.6	46.0	46.2	46.3	46.3	46.4	46.5	46.5	46.5	46.5	46.6	46.6	46.7
≥ 18000	22.2	43.4	45.0	45.7	46.1	46.3	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.7	46.7	46.8
≥ 16000	22.2	43.4	45.0	45.7	46.1	46.3	46.4	46.4	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.8
≥ 14000	22.2	43.5	45.1	45.7	46.2	46.3	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.8	46.8	46.9
≥ 12000	23.1	45.2	46.8	47.5	48.0	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.6	48.6	48.7
≥ 10000	24.4	48.6	50.3	51.1	51.5	51.7	51.9	51.9	52.0	52.1	52.1	52.1	52.2	52.2	52.3	52.3
≥ 9000	24.8	49.5	51.2	52.0	52.5	52.7	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.2	53.2	53.3
≥ 8000	25.6	52.5	54.3	55.1	55.7	55.9	56.0	56.1	56.2	56.3	56.3	56.3	56.4	56.4	56.5	56.5
≥ 7000	26.2	54.7	56.6	57.4	58.0	58.2	58.4	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.8	58.8
≥ 6000	26.7	56.2	58.1	59.0	59.6	59.8	59.9	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.4
≥ 5000	27.6	58.9	61.0	61.9	62.6	62.8	62.9	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.4	63.4
≥ 4500	28.5	61.1	63.4	64.4	65.2	65.4	65.6	65.7	65.7	65.9	65.9	65.9	65.9	66.0	66.0	66.1
≥ 4000	30.3	65.2	67.5	68.7	69.6	69.8	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.5
≥ 3500	31.2	67.3	69.7	70.9	71.9	72.1	72.3	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.9
≥ 3000	31.8	69.6	72.2	73.5	74.5	74.7	75.0	75.2	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.6
≥ 2500	32.7	72.0	74.8	76.2	77.3	77.5	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.3	78.3	78.4
≥ 2000	33.7	75.6	78.5	80.0	81.3	81.5	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.4	82.5	82.5
≥ 1800	33.8	76.5	79.5	81.1	82.5	82.7	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.7
≥ 1500	34.2	78.2	81.5	83.2	84.7	85.0	85.5	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.1	86.1
≥ 1200	34.3	79.9	83.4	85.3	86.8	87.0	87.6	87.8	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.3
≥ 1000	34.5	80.9	84.5	86.5	88.1	88.4	89.1	89.4	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.9
≥ 900	34.6	81.7	85.5	87.6	89.2	89.6	90.4	90.7	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.2
≥ 800	34.6	82.2	86.2	88.5	90.2	90.6	91.5	91.8	91.9	92.1	92.2	92.2	92.2	92.3	92.3	92.4
≥ 700	34.7	82.6	86.8	89.2	91.1	91.6	92.6	92.9	93.0	93.1	93.2	93.2	93.2	93.3	93.4	93.4
≥ 600	34.7	82.9	87.2	89.7	91.8	92.4	93.5	94.0	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.6
≥ 500	34.7	83.3	87.7	90.4	92.8	93.4	94.7	95.3	95.5	95.7	95.8	95.8	95.8	95.9	95.9	96.0
≥ 400	34.7	83.3	87.8	90.6	93.4	94.2	95.7	96.5	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.4
≥ 300	34.7	83.4	87.9	90.7	93.6	94.4	96.0	96.9	97.3	97.8	97.9	98.0	98.0	98.1	98.2	98.4
≥ 200	34.7	83.4	87.9	90.8	93.6	94.4	96.1	97.2	97.7	98.3	98.5	98.6	98.7	98.8	98.9	99.2
≥ 100	34.7	83.4	87.9	90.8	93.6	94.4	96.2	97.3	97.8	98.3	98.6	98.7	98.9	99.0	99.3	99.7
≥ 0	34.7	83.4	87.9	90.8	93.6	94.4	96.2	97.3	97.8	98.3	98.6	98.7	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7117

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅝	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.9	45.7	45.8	45.8	46.0	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 12000	20.7	48.9	49.1	49.1	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000	21.1	50.8	51.1	51.2	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	21.3	51.4	51.7	51.8	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 8000	22.0	53.2	53.5	53.6	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 7000	22.5	55.3	55.6	55.7	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 6000	23.2	58.0	58.2	58.3	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	23.8	59.2	59.5	59.8	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4500	24.0	60.5	60.7	61.1	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4000	24.3	62.9	63.1	63.5	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500	25.1	64.9	65.2	65.7	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	26.5	68.1	68.5	69.1	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500	27.6	71.4	71.9	72.5	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000	28.4	75.4	75.9	76.5	77.4	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1800	28.4	77.5	78.3	79.0	79.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	28.7	79.5	80.7	81.6	82.4	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	29.0	81.2	82.4	83.4	84.4	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	29.0	82.3	83.7	84.9	85.9	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 900	29.0	82.8	84.7	86.1	87.2	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 800	29.0	83.6	85.4	87.2	88.3	88.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	29.0	84.4	86.8	88.6	89.8	90.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600	29.0	84.8	87.5	90.0	91.2	92.0	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	29.0	85.9	88.7	91.3	93.1	94.0	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	29.0	85.9	89.1	91.8	94.0	95.0	96.7	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	29.0	85.9	89.1	91.8	94.2	95.2	97.1	97.4	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	29.0	85.9	89.1	91.8	94.2	95.2	97.4	97.7	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.1
≥ 100	29.0	85.9	89.1	91.8	94.2	95.2	97.4	97.7	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.5
≥ 0	29.0	85.9	89.1	91.8	94.2	95.2	97.4	97.7	98.5	98.6	98.9	98.9	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72424	FT KNOX/GODMAN AAF KY	65-70, 75-78	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.7	43.5	44.0	44.2	44.8	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.7
≥ 20000	17.7	44.4	44.9	45.0	45.7	45.8	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 18000	17.7	44.4	44.9	45.0	45.7	45.8	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 16000	17.7	44.4	44.9	45.0	45.7	45.8	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 14000	17.7	44.4	44.9	45.0	45.7	45.8	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 12000	18.2	45.4	45.9	46.0	46.7	46.8	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5
≥ 10000	18.9	47.7	48.4	48.6	49.2	49.3	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1
≥ 9000	19.2	48.6	49.3	49.4	50.1	50.2	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9
≥ 8000	19.6	50.8	51.7	51.8	52.5	52.6	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 7000	19.9	51.6	52.5	52.6	53.2	53.3	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
≥ 6000	20.3	52.3	53.2	53.3	54.0	54.1	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
≥ 5000	20.4	53.7	55.0	55.1	55.8	56.0	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9
≥ 4500	21.5	56.9	58.2	58.4	59.1	59.2	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 4000	22.1	58.5	59.9	60.0	61.4	61.5	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
≥ 3500	23.0	60.8	62.1	62.3	63.6	63.8	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 3000	23.8	63.4	64.8	65.0	66.7	66.8	67.2	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8
≥ 2500	24.9	67.2	68.7	69.1	70.8	70.9	71.3	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 2000	26.2	70.6	72.1	72.6	74.3	74.5	74.8	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 1800	26.2	72.1	74.2	74.7	76.5	76.6	77.0	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 1500	26.5	74.0	76.2	77.0	78.9	79.2	79.9	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 1200	26.5	77.6	80.0	81.0	82.9	83.3	83.9	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.2
≥ 1000	26.5	79.1	81.8	83.1	85.0	85.4	86.2	86.9	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.5
≥ 900	26.5	79.7	83.0	84.4	86.3	86.8	87.5	88.3	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.9
≥ 800	26.5	80.3	83.6	85.3	87.3	87.8	88.6	89.4	89.6	89.7	89.9	89.9	89.9	89.9	89.9	90.1
≥ 700	26.5	80.8	84.4	86.4	88.4	89.1	89.8	90.7	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.3
≥ 600	26.5	81.0	84.9	87.9	89.9	90.6	91.3	92.2	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.8
≥ 500	26.5	81.6	85.7	89.2	91.6	92.3	93.3	94.3	94.5	94.6	94.8	94.8	94.8	94.8	94.8	95.0
≥ 400	26.5	82.4	86.7	90.4	93.0	93.7	95.2	96.5	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.2
≥ 300	26.5	82.4	86.7	90.7	93.6	94.3	95.8	97.2	97.4	97.5	98.0	98.0	98.0	98.0	98.0	98.4
≥ 200	26.5	82.4	86.7	90.7	93.7	94.6	96.5	97.9	98.2	98.5	99.0	99.0	99.0	99.0	99.0	99.5
≥ 100	26.5	82.4	86.7	90.7	93.7	94.6	96.5	97.9	98.2	98.5	99.0	99.0	99.1	99.1	99.1	99.6
≥ 0	26.5	82.4	86.7	90.7	93.7	94.6	96.5	97.9	98.2	98.5	99.0	99.0	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 795

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.8	35.1	36.6	38.0	38.4	38.4	38.8	38.8	38.8	38.8	38.9	38.9	39.0	39.0	39.0	39.0
≥ 20000	15.1	37.0	38.6	39.9	40.4	40.4	40.8	40.8	40.8	40.8	41.0	41.0	41.1	41.1	41.1	41.1
≥ 18000	15.2	37.1	38.7	40.0	40.5	40.5	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3
≥ 16000	15.2	37.1	38.7	40.0	40.5	40.5	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3
≥ 14000	15.2	37.1	38.7	40.0	40.5	40.5	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3
≥ 12000	15.9	38.8	40.4	41.9	42.3	42.3	42.9	42.9	42.9	42.9	43.0	43.0	43.1	43.1	43.1	43.1
≥ 10000	16.7	41.1	42.7	44.5	45.1	45.1	45.8	45.9	45.9	45.9	46.0	46.0	46.1	46.1	46.1	46.1
≥ 9000	17.3	42.2	43.8	45.7	46.2	46.2	46.9	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.3
≥ 8000	18.0	43.8	45.5	47.6	48.3	48.3	49.0	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.3
≥ 7000	18.6	45.2	46.9	49.0	49.7	49.7	50.3	50.5	50.5	50.5	50.6	50.6	50.7	50.7	50.7	50.7
≥ 6000	18.9	46.0	47.7	49.8	50.5	50.5	51.1	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.5
≥ 5000	19.3	47.8	49.5	51.6	52.4	52.4	53.1	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4
≥ 4500	19.9	49.9	52.1	54.1	54.9	54.9	55.6	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9
≥ 4000	20.5	51.4	53.5	55.6	56.6	56.6	57.4	57.6	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8
≥ 3500	21.1	54.0	56.4	58.5	59.5	59.5	60.3	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6
≥ 3000	21.2	55.9	58.5	60.8	62.1	62.2	63.4	63.5	63.5	63.7	63.8	63.8	64.0	64.0	64.0	64.0
≥ 2500	21.9	58.8	61.3	63.7	65.2	65.3	66.5	66.6	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.0
≥ 2000	23.7	64.0	66.9	69.6	71.2	71.3	72.7	72.9	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5
≥ 1800	24.0	65.6	68.5	71.3	73.0	73.1	74.5	74.7	74.7	75.1	75.2	75.2	75.3	75.3	75.3	75.3
≥ 1500	24.6	68.6	71.9	74.7	76.7	76.8	78.3	78.5	78.5	78.8	78.9	78.9	79.1	79.1	79.1	79.1
≥ 1200	25.1	71.5	74.9	78.3	80.4	80.5	82.0	82.3	82.3	82.6	82.7	82.7	82.8	82.8	82.8	82.8
≥ 1000	25.3	73.1	77.6	81.6	83.9	84.0	85.5	85.8	85.9	86.3	86.4	86.4	86.5	86.5	86.5	86.5
≥ 900	25.3	73.9	78.8	83.0	85.4	85.5	87.0	87.3	87.4	87.8	87.9	87.9	88.0	88.0	88.0	88.0
≥ 800	25.3	74.4	79.4	83.6	86.6	86.7	88.3	88.9	89.0	89.4	89.5	89.5	89.6	89.6	89.6	89.6
≥ 700	25.3	75.1	80.7	85.4	88.6	88.8	90.5	91.1	91.2	91.5	91.6	91.6	91.8	91.8	91.8	91.8
≥ 600	25.3	75.5	81.2	86.0	89.4	89.7	91.5	92.1	92.2	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 500	25.3	75.7	81.7	86.6	90.5	90.8	93.2	93.8	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 400	25.3	76.0	82.0	87.2	91.3	91.6	94.5	95.7	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 300	25.3	76.2	82.3	87.4	91.6	92.2	95.5	96.7	97.1	97.8	97.9	97.9	98.1	98.1	98.1	98.2
≥ 200	25.3	76.2	82.3	87.4	91.8	92.3	95.7	97.4	97.9	99.0	99.1	99.1	99.2	99.3	99.3	99.4
≥ 100	25.3	76.2	82.3	87.4	91.8	92.3	95.7	97.4	97.9	99.0	99.1	99.1	99.2	99.3	99.3	99.4
≥ 0	25.3	76.2	82.3	87.4	91.8	92.3	95.7	97.4	97.9	99.0	99.2	99.2	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.2	38.3	39.1	39.7	40.0	40.2	40.4	40.4	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6
≥ 20000	24.1	39.9	40.8	41.3	41.7	41.9	42.0	42.0	42.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2
≥ 18000	24.2	40.0	40.9	41.4	41.8	42.0	42.1	42.1	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3
≥ 16000	24.2	40.1	41.0	41.6	41.9	42.1	42.2	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4
≥ 14000	24.3	40.2	41.1	41.7	42.0	42.2	42.3	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5
≥ 12000	24.8	41.9	42.8	43.3	43.6	43.9	44.0	44.0	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2
≥ 10000	25.8	44.8	45.9	46.5	46.8	47.0	47.1	47.3	47.4	47.5	47.5	47.6	47.7	47.7	47.7	47.7
≥ 9000	26.3	46.2	47.3	47.8	48.1	48.4	48.5	48.6	48.7	48.8	48.8	48.9	49.0	49.0	49.0	49.0
≥ 8000	27.4	48.4	49.5	50.2	50.5	50.8	50.9	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.4	51.4
≥ 7000	28.2	50.2	51.3	52.1	52.4	52.6	52.7	52.9	53.0	53.1	53.1	53.2	53.3	53.3	53.3	53.3
≥ 6000	28.4	51.2	52.3	53.3	53.7	53.9	54.2	54.3	54.4	54.5	54.5	54.6	54.7	54.7	54.7	54.7
≥ 5000	28.8	52.7	53.8	54.8	55.4	55.6	55.8	55.9	56.0	56.1	56.1	56.3	56.4	56.4	56.4	56.4
≥ 4500	29.5	54.6	55.8	56.9	57.5	57.7	57.9	58.0	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4
≥ 4000	29.9	56.4	57.6	58.7	59.3	59.6	60.0	60.1	60.2	60.3	60.3	60.4	60.5	60.5	60.5	60.5
≥ 3500	30.5	57.8	59.2	60.3	61.0	61.3	61.6	61.7	61.8	62.0	62.0	62.1	62.2	62.2	62.2	62.2
≥ 3000	31.0	59.3	60.7	61.8	62.6	63.0	63.4	63.5	63.6	63.7	63.7	63.8	63.9	63.9	63.9	63.9
≥ 2500	32.8	61.8	63.6	64.8	65.7	66.2	66.8	66.9	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3
≥ 2000	34.2	67.2	69.2	70.5	71.5	72.1	73.5	73.6	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1
≥ 1800	34.5	68.5	70.6	72.0	73.0	73.7	75.1	75.2	75.3	75.7	75.7	75.8	75.9	75.9	75.9	75.9
≥ 1500	36.1	72.4	74.7	76.2	77.3	78.2	80.2	80.3	80.4	80.7	80.7	80.8	80.9	80.9	80.9	80.9
≥ 1200	36.4	74.9	77.9	79.5	80.6	81.6	83.6	83.7	83.8	84.1	84.1	84.2	84.3	84.3	84.3	84.3
≥ 1000	36.8	76.0	79.4	81.3	82.8	83.9	86.2	86.3	86.4	86.7	86.7	86.8	87.0	87.0	87.0	87.0
≥ 900	37.0	77.0	80.6	82.8	84.4	85.5	87.8	87.9	88.2	88.5	88.5	88.6	88.7	88.7	88.7	88.7
≥ 800	37.1	77.2	81.5	83.7	85.6	86.7	89.5	89.7	89.9	90.2	90.2	90.4	90.5	90.5	90.5	90.5
≥ 700	37.1	77.3	81.7	84.5	86.7	87.8	90.7	90.9	91.1	91.4	91.4	91.6	91.7	91.7	91.7	91.7
≥ 600	37.1	77.7	82.6	85.4	88.2	89.3	92.1	92.3	92.8	93.1	93.1	93.2	93.4	93.4	93.4	93.4
≥ 500	37.1	78.0	83.0	86.2	89.1	90.5	93.4	93.8	94.5	95.0	95.2	95.3	95.5	95.5	95.5	95.5
≥ 400	37.1	78.2	83.7	87.1	90.2	91.7	95.2	95.8	96.6	97.3	97.5	97.6	97.8	97.8	97.8	97.8
≥ 300	37.1	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.5	98.2	98.5	98.6	98.8	98.8	98.8	98.8
≥ 200	37.1	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.6	98.9	99.1	99.2	99.6	99.6	99.7	99.7
≥ 100	37.1	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.6	98.9	99.1	99.2	99.6	99.6	99.8	99.8
≥ 0	37.1	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.6	98.9	99.1	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 912

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72424 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70, 75-78 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.4	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 16000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 14000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 12000	32.6	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 10000	33.6	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 9000	34.4	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	36.6	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 7000	37.7	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	37.8	56.0	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
≥ 5000	37.9	57.3	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	58.0
≥ 4500	38.6	58.8	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4000	39.0	60.4	60.9	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 3500	39.4	61.6	62.1	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2
≥ 3000	40.0	62.7	63.3	63.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 2500	41.4	65.7	66.2	67.1	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 2000	44.0	71.4	71.9	72.8	73.7	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 1800	44.8	74.1	74.8	75.7	76.5	77.0	77.3	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 1500	46.3	78.3	78.9	79.9	80.9	81.4	81.9	82.1	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.5
≥ 1200	46.7	80.7	81.8	82.9	84.2	84.9	85.5	85.7	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 1000	47.0	82.6	84.2	85.3	86.7	87.5	88.3	88.5	88.5	88.7	88.8	88.8	89.0	89.0	89.0	89.0
≥ 900	47.0	83.3	85.1	86.2	87.6	88.4	89.1	89.4	89.4	89.6	89.7	89.7	89.9	89.9	89.9	89.9
≥ 800	47.0	84.0	86.0	87.2	88.6	89.5	90.4	90.6	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.1
≥ 700	47.0	84.2	86.4	87.6	89.4	90.4	91.4	91.7	91.8	92.0	92.1	92.1	92.3	92.3	92.3	92.3
≥ 600	47.1	84.8	87.4	88.8	90.6	91.6	92.9	93.1	93.2	93.5	93.9	93.9	94.1	94.1	94.1	94.1
≥ 500	47.4	85.3	87.9	89.7	91.6	93.1	94.6	95.0	95.1	95.5	95.9	95.9	96.2	96.2	96.2	96.2
≥ 400	47.4	85.4	88.0	89.8	91.8	93.4	95.5	95.9	96.1	96.8	97.3	97.3	97.6	97.6	97.6	97.6
≥ 300	47.4	85.5	88.2	89.9	91.9	93.5	96.1	96.5	96.9	97.8	98.4	98.4	98.7	98.7	98.7	98.7
≥ 200	47.4	85.6	88.3	90.0	92.0	93.6	96.3	96.8	97.3	98.5	99.0	99.0	99.7	99.8	99.8	99.8
≥ 100	47.4	85.6	88.3	90.0	92.0	93.6	96.3	96.8	97.3	98.5	99.1	99.1	99.8	99.9	99.9	99.9
≥ 0	47.4	85.6	88.3	90.0	92.0	93.6	96.3	96.8	97.3	98.5	99.2	99.2	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.2	42.0	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	42.3
≥ 20000	31.4	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	31.4	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	31.4	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	31.8	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	32.6	47.3	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 10000	34.0	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000	35.3	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 8000	37.2	55.4	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	38.4	58.0	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	38.9	58.6	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000	39.1	60.0	60.8	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	40.2	62.0	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	40.5	63.8	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	41.1	64.9	65.9	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	42.0	67.3	68.4	68.7	68.9	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 2500	43.1	70.6	71.8	72.1	72.7	72.8	72.8	72.8	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2000	44.8	75.4	76.8	77.4	77.9	78.0	78.0	78.2	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	45.1	77.2	78.9	79.5	80.0	80.1	80.1	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	45.8	79.9	82.1	82.7	83.2	83.3	83.4	83.5	83.5	83.6	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	46.2	81.6	84.3	84.9	85.5	85.6	85.8	85.9	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	46.2	83.4	86.5	87.3	87.9	88.4	88.6	88.7	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	46.2	83.5	86.6	87.5	88.5	88.9	89.2	89.6	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	46.2	84.3	87.5	88.6	89.7	90.1	90.6	90.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	46.2	84.3	87.6	88.8	90.0	90.5	91.2	91.5	91.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1
≥ 600	46.3	84.7	88.1	89.8	91.2	91.7	92.6	93.1	93.4	93.5	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	46.3	84.9	88.4	90.2	92.0	92.6	94.3	94.7	95.1	95.2	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	46.3	85.0	88.5	90.3	92.3	93.1	95.1	95.6	96.2	96.4	97.0	97.0	97.1	97.1	97.1	97.1
≥ 300	46.3	85.0	88.5	90.3	92.3	93.1	95.3	95.9	96.9	97.3	98.0	98.0	98.6	98.8	98.8	98.8
≥ 200	46.3	85.0	88.5	90.3	92.3	93.1	95.4	96.3	97.3	97.6	98.4	98.7	99.3	99.6	99.6	99.6
≥ 100	46.3	85.0	88.5	90.3	92.3	93.1	95.4	96.3	97.3	97.6	98.4	98.7	99.5	99.7	99.8	99.9
≥ 0	46.3	85.0	88.5	90.3	92.3	93.1	95.4	96.3	97.3	97.6	98.4	98.7	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 911

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.4	45.2	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	27.2	47.4	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	27.2	47.4	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	27.2	47.4	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	27.5	47.8	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 12000	28.7	50.8	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	29.4	53.7	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 9000	29.9	54.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	30.3	57.1	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	31.5	59.7	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	32.0	61.1	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
≥ 5000	32.3	62.2	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	33.2	64.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4000	33.5	66.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500	34.2	67.2	68.2	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
≥ 3000	34.5	69.8	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	35.9	74.1	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	36.7	77.5	79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1800	36.8	78.6	80.4	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1500	36.9	81.2	83.4	84.1	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	37.0	83.2	85.4	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	37.0	83.6	85.9	87.1	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	37.0	84.2	86.9	88.5	89.7	89.7	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	37.0	84.4	87.4	89.1	90.4	90.4	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	37.0	84.4	87.4	89.2	90.9	90.9	91.0	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	37.0	85.1	88.2	90.4	92.2	92.2	92.4	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	37.0	85.1	88.4	90.9	92.9	93.0	93.2	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	37.0	85.2	88.5	91.4	94.2	94.4	94.7	95.4	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300	37.0	85.2	88.5	91.4	94.2	94.4	94.9	96.1	96.2	96.9	97.7	97.7	98.2	98.2	98.2	98.2
≥ 200	37.0	85.2	88.5	91.4	94.2	94.4	94.9	96.2	96.5	97.1	98.4	98.4	99.0	99.2	99.4	99.4
≥ 100	37.0	85.2	88.5	91.4	94.2	94.4	94.9	96.2	96.5	97.1	98.4	98.4	99.1	99.4	99.6	99.6
≥ 0	37.0	85.2	88.5	91.4	94.2	94.4	94.9	96.2	96.5	97.1	98.4	98.4	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	23.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	23.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000	23.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	23.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	24.6	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	25.6	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	25.9	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 8000	26.7	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	56.8	56.8
≥ 7000	27.5	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	28.5	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	29.0	63.5	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500	29.3	64.6	64.8	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
≥ 4000	29.4	66.3	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	30.0	67.2	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	31.7	70.1	70.7	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2500	32.4	74.4	75.0	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	32.8	78.2	79.3	79.7	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	33.0	79.1	80.5	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	33.0	81.7	83.3	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	33.0	83.9	86.1	86.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	33.0	85.3	87.5	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	33.0	85.6	87.8	88.8	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	33.0	85.9	88.7	89.9	91.1	91.1	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	33.0	86.4	89.5	90.6	92.1	92.1	92.1	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4
≥ 600	33.0	87.3	90.5	92.1	94.3	94.3	94.3	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	33.0	87.5	91.1	92.9	95.2	95.2	95.3	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	33.0	87.5	91.3	93.0	95.4	95.4	95.6	96.5	96.7	96.8	97.1	97.1	97.2	97.2	97.2	97.2
≥ 300	33.0	87.5	91.3	93.0	95.4	95.6	95.8	97.0	97.5	98.0	98.4	98.4	98.5	98.7	98.7	98.7
≥ 200	33.0	87.5	91.3	93.0	95.4	95.6	95.8	97.2	97.8	98.4	98.7	98.9	99.0	99.4	99.5	99.6
≥ 100	33.0	87.5	91.3	93.0	95.4	95.6	95.8	97.2	97.8	98.4	98.7	98.9	99.0	99.4	99.5	99.6
≥ 0	33.0	87.5	91.3	93.0	95.4	95.6	95.8	97.2	97.8	98.4	98.7	98.9	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 789

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.2	42.0	42.4	42.7	42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2
≥ 20000	24.0	44.1	44.6	45.0	45.2	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000	24.1	44.2	44.7	45.0	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5
≥ 16000	24.1	44.2	44.7	45.0	45.2	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000	24.2	44.4	44.9	45.2	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
≥ 12000	24.9	46.1	46.7	47.0	47.2	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	25.8	48.8	49.4	49.8	50.0	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 9000	26.4	49.8	50.4	50.8	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
≥ 8000	27.5	52.2	52.9	53.3	53.6	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 7000	28.3	54.3	55.0	55.5	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
≥ 6000	28.7	55.4	56.1	56.6	56.9	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000	29.1	56.9	57.8	58.3	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1
≥ 4500	29.7	58.8	59.7	60.3	60.6	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000	30.2	60.6	61.5	62.1	62.6	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 3500	30.8	62.1	63.2	63.9	64.4	64.5	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9
≥ 3000	31.6	64.4	65.6	66.3	67.1	67.2	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7
≥ 2500	32.7	67.8	69.0	69.9	70.7	70.9	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5
≥ 2000	34.1	72.3	73.8	74.7	75.7	75.9	76.3	76.5	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8
≥ 1800	34.4	73.9	75.6	76.6	77.6	77.8	78.3	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1500	35.0	76.9	78.8	79.9	81.0	81.3	81.9	82.1	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1200	35.3	79.2	81.5	82.8	84.0	84.4	85.	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	35.4	80.6	83.2	84.8	86.1	86.6	87.3	87.5	87.6	87.7	87.9	87.9	88.0	88.0	88.0	88.0
≥ 900	35.4	81.2	84.1	85.8	87.3	87.8	88.6	88.8	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.
≥ 800	35.5	81.7	84.9	86.8	88.4	88.9	89.8	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.
≥ 700	35.5	82.0	85.5	87.6	89.4	90.0	91.0	91.3	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.
≥ 600	35.5	82.5	86.2	88.7	90.8	91.4	92.5	92.8	93.0	93.2	93.4	93.4	93.5	93.5	93.5	93.
≥ 500	35.5	82.9	86.8	89.5	91.9	92.6	94.1	94.6	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.
≥ 400	35.5	83.1	87.2	90.0	92.7	93.5	95.3	96.0	96.3	96.7	97.0	97.0	97.2	97.2	97.2	97.
≥ 300	35.5	83.1	87.2	90.1	92.9	93.7	95.7	96.7	97.2	97.7	98.1	98.1	98.4	98.4	98.4	98.
≥ 200	35.5	83.1	87.2	90.1	92.9	93.7	95.9	97.0	97.6	98.3	98.8	98.9	99.2	99.4	99.4	99.
≥ 100	35.5	83.1	87.2	90.1	92.9	93.7	95.9	97.0	97.6	98.3	98.8	98.9	99.3	99.4	99.5	99.
≥ 0	35.5	83.1	87.2	90.1	92.9	93.7	95.9	97.0	97.6	98.3	98.9	98.9	99.4	99.5	99.6	100.

TOTAL NUMBER OF OBSERVATIONS 67

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	28.1			13.3						11.1	47.5	6.2	890
	03-05	27.7			10.7						11.0	50.6	6.4	889
	06-08	16.1			15.6						13.4	54.9	7.2	905
	09-11	11.1			19.9						16.8	52.1	7.3	915
	12-14	12.0			16.9						20.8	50.3	7.4	915
	15-17	11.5			18.4						19.2	50.9	7.4	915
	18-20	17.6			16.6						15.4	50.5	6.9	905
	21-23	26.0			13.1						11.8	49.1	6.4	900
TOTALS		18.8			15.6						14.9	50.7	6.9	7234

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (PERIOD) | FEB (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	33.2			13.9						8.1	44.7	5.6	761
	03-05	30.4			12.5						8.5	48.6	6.0	761
	06-08	19.0			20.3						15.2	45.5	6.5	842
	09-11	13.2			20.9						20.0	45.9	7.0	846
	12-14	12.0			20.3						20.5	47.3	7.2	844
	15-17	12.0			21.9						19.6	46.5	7.1	845
	18-20	16.4			22.0						15.4	46.2	6.7	845
	21-23	26.7			16.4						12.2	44.7	6.1	846
TOTALS		20.4			18.5						14.9	46.2	6.5	6590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	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	30.1			16.3						11.6	42.0	5.7	836
	03-05	27.4			16.2						10.4	46.0	6.0	833
	06-08	16.8			21.5						12.1	49.6	6.7	925
	09-11	13.4			19.0						19.8	47.7	7.1	930
	12-14	8.9			20.7						24.0	46.4	7.4	929
	15-17	6.4			22.3						24.2	47.1	7.6	928
	18-20	11.2			23.9						19.5	45.5	7.0	930
	21-23	24.8			22.4						10.4	42.4	5.8	930
TOTALS		17.4			20.3						16.5	45.8	6.7	7241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	33.3			15.0						12.7	39.1	5.5	809
	03-05	30.1			15.3						14.1	40.5	5.8	810
	06-08	18.1			18.6						20.5	42.8	6.7	899
	09-11	14.1			20.7						23.6	41.7	6.9	900
	12-14	9.3			24.1						26.1	40.4	7.1	899
	15-17	8.6			23.8						27.0	40.6	7.2	899
	18-20	13.3			21.9						23.6	41.2	6.9	899
	21-23	26.4			20.5						13.8	39.2	5.8	897
TOTALS		19.2			20.0						20.2	40.7	6.5	7012

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) MAY (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	34.0			19.3						14.5	32.2	5.1	827
	03-05	28.5			20.9						16.5	34.2	5.5	857
	06-08	19.6			22.5						18.6	39.2	6.3	923
	09-11	15.6			25.6						21.6	37.1	6.4	921
	12-14	9.3			28.0						29.6	33.1	6.8	925
	15-17	9.4			27.1						29.7	33.8	6.9	926
	18-20	13.7			30.9						21.5	33.9	6.3	926
	21-23	26.7			25.9						16.2	31.3	5.4	896
TOTALS		19.6			25.0						21.0	34.4	6.1	7201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240 | FT KNOX/GODMAN AAF KY | 65-70,75-78 | JUN

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	31.8			25.0						17.8	25.4	4.9	897
	03-05	21.8			29.9						19.8	28.6	5.5	891
	06-08	13.0			27.0						25.8	34.2	6.5	889
	09-11	12.0			26.3						25.7	36.0	6.7	892
	12-14	3.2			32.9						34.9	28.9	7.0	896
	15-17	3.6			38.6						31.0	26.9	6.6	900
	18-20	13.6			30.5						27.3	28.5	6.2	894
	21-23	27.0			29.5						19.9	23.6	5.0	893
TOTALS		15.8			30.0						25.3	29.0	6.1	7152

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	34.7			29.1						15.7	20.5	4.3	920
	03-05	24.0			34.8						19.1	22.1	5.0	915
	06-08	12.3			33.2						24.3	30.1	6.2	916
	09-11	8.5			34.1						29.7	27.7	6.5	929
	12-14	2.2			38.1						36.9	22.9	6.8	930
	15-17	4.1			38.9						34.6	22.3	6.5	927
	18-20	9.4			41.2						26.1	23.4	5.9	928
	21-23	22.6			36.7						18.8	21.9	5.0	921
TOTALS		14.7			35.8						25.7	23.9	5.8	7386

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — PERIOD
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	38.3			24.2						16.1	21.4	4.3	925
	03-05	32.0			29.1						17.9	21.0	4.6	925
	06-08	15.9			33.6						23.8	26.7	5.8	925
	09-11	12.2			35.1						26.2	26.6	6.1	929
	12-14	2.4			41.5						30.5	25.6	6.6	927
	15-17	4.5			40.0						30.6	24.9	6.4	928
	18-20	12.4			38.9						23.4	25.3	5.8	930
	21-23	27.9			32.2						19.0	21.0	4.8	926
TOTALS		18.2			34.3						23.4	24.1	5.6	7415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	41.6			21.5						11.8	25.1	4.2	883
	03-05	36.1			22.6						13.1	28.2	4.7	872
	06-08	20.2			23.9						21.9	33.9	6.1	875
	09-11	17.6			27.4						22.7	32.3	6.1	891
	12-14	9.7			33.8						26.8	29.7	6.4	899
	15-17	12.6			31.1						28.9	27.4	6.3	900
	18-20	24.5			30.4						20.2	24.8	5.2	894
	21-23	35.8			26.4						15.6	22.2	4.4	889
TOTALS		24.8			27.1						20.1	28.0	5.4	7103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72424D | FT KNOX/GODMAN AAF KY | 65-70,75-78 | OCT
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	46.2			16.8						11.9	25.1	4.1	927
	03-05	45.6			18.0						8.4	28.0	4.1	928
	06-08	28.2			21.7						18.1	32.0	5.5	927
	09-11	25.1			22.3						19.2	33.3	5.7	927
	12-14	19.9			23.8						23.7	32.6	6.1	929
	15-17	19.3			27.1						23.6	30.0	5.9	929
	18-20	25.9			27.4						18.2	28.5	5.3	930
	21-23	39.4			22.6						10.3	27.7	4.4	930
TOTALS		31.2			22.5						16.7	29.7	5.1	7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (PERIOD) | NOV (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	26.9			15.0						11.1	47.0	6.1	888
	03-05	28.6			11.8						13.7	45.8	6.2	888
	06-08	15.9			18.0						20.0	46.1	6.9	885
	09-11	12.1			20.9						21.6	45.4	7.1	890
	12-14	12.1			18.2						24.2	45.4	7.3	889
	15-17	11.7			18.1						26.3	43.9	7.3	890
	18-20	15.6			21.6						15.8	47.0	6.8	893
	21-23	24.8			14.8						12.5	48.0	6.4	888
TOTALS		18.5			17.3						18.2	46.1	6.8	7111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	23.0			16.3						12.7	48.0	6.4	796
	03-05	24.8			15.1						11.1	49.1	6.4	795
	06-08	16.1			17.2						14.1	52.6	7.0	874
	09-11	9.0			20.1						18.6	52.4	7.5	911
	12-14	7.6			22.1						18.6	51.6	7.5	912
	15-17	7.1			24.7						19.4	48.7	7.4	911
	18-20	15.8			22.9						13.6	47.7	6.7	799
	21-23	22.6			16.5						12.2	48.7	6.5	787
TOTALS		15.8			19.4						15.0	49.9	6.9	6785

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-79 (PERIOD) | ALL (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	18.8			15.6						14.9	50.7	6.9	7234
FEB		20.4			18.5						14.9	46.2	6.5	6590
MAR		17.4			20.3						16.5	45.8	6.7	7241
APR		19.2			20.0						20.2	40.7	6.5	7012
MAY		19.6			25.0						21.0	34.4	6.1	7201
JUN		15.8			30.0						25.3	29.0	6.1	7152
JUL		14.7			35.8						25.7	23.9	5.8	7386
AUG		18.2			34.3						23.4	24.1	5.6	7415
SEP		24.8			27.1						20.1	28.0	5.4	7103
OCT		31.2			22.5						16.7	29.7	5.1	7427
NOV		18.5			17.3						18.2	46.1	6.8	7111
DEC		15.8			19.4						15.0	49.9	6.9	6785
TOTALS		19.5			23.8						19.3	37.4	6.2	85657

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

74-29964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

72424D FT KNOX/GODMAN AAF KY 45-81

STATION STATION NAME YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 100						.1	.6	.2	.4				.1
≥ 95						3.6	5.2	4.6	1.7				1.3
≥ 90					1.8	17.8	28.0	25.4	9.8	.3			7.1
≥ 85			.1	2.6	14.4	46.1	65.4	57.1	27.3	3.5			18.4
≥ 80			1.4	13.2	37.0	73.8	89.9	83.8	49.9	15.4	.8		31.0
≥ 75	.1	.2	5.1	25.8	56.9	89.5	97.1	96.0	70.2	32.5	3.2		40.4
≥ 70	.6	1.3	12.1	42.0	73.7	96.8	99.5	99.4	87.6	50.4	11.0	.5	48.6
≥ 65	3.6	5.3	22.1	59.6	86.7	98.8	100.0	100.0	96.4	66.2	22.3	3.8	56.1
≥ 60	8.9	13.3	36.9	74.7	95.4	99.7			98.7	80.3	36.6	11.4	63.7
≥ 55	16.7	23.3	48.6	85.3	98.5	100.0			99.5	90.6	50.7	22.8	70.3
≥ 50	26.5	36.3	60.9	92.7	99.4				99.9	96.5	66.1	34.2	76.5
≥ 45	37.4	48.4	73.8	96.5	100.0				100.0	99.5	77.6	49.2	82.3
≥ 40	52.2	64.0	86.1	99.7						99.9	88.5	63.6	88.1
≥ 35	64.9	76.4	94.7	99.9						100.0	95.0	79.6	92.7
≥ 30	79.0	87.2	98.1	100.0							98.4	91.3	96.3
≥ 25	89.4	94.2	99.6								99.4	96.7	98.3
≥ 20	94.9	97.9	99.8								99.6	98.7	99.3
≥ 15	98.2	99.4	100.0								100.0	99.8	99.8
≥ 10	99.2	99.9										99.9	99.9
≥ 5	99.9	100.0										100.0	100.0
≥ 0	100.0												100.0
MEAN	40.5	44.3	53.9	66.6	75.1	83.1	86.2	85.3	79.0	68.7	54.5	44.5	65.1
S.D.	13.170	12.574	12.703	10.803	8.758	6.870	5.504	5.840	8.225	9.991	11.884	11.522	19.142
TOTAL OBS	1095	1006	1106	1085	1141	1110	1144	1140	1097	1136	1096	1121	13277

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

724240 FT KNOX/GODMAN AAF KY 45-81

STATION STATION NAME YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 80							.2	.1					.0
≥ 75					.3	2.7	4.8	2.6	.3				.9
≥ 70				.1	1.1	17.8	40.6	31.2	10.1	.4			8.6
≥ 65				2.5	11.3	50.2	74.0	65.8	28.3	2.7	.4		20.0
≥ 60	.2	.1	1.9	10.6	33.0	74.8	91.7	86.3	49.4	11.2	1.9	.2	30.7
≥ 55	1.0	.4	5.2	24.3	55.2	91.3	98.9	96.8	69.8	23.7	6.9	1.4	40.2
≥ 50	2.6	2.2	11.8	37.1	74.8	97.8	100.0	99.7	87.5	41.5	13.9	3.7	48.4
≥ 45	5.4	6.4	19.2	53.2	87.9	99.6		100.0	96.3	59.8	23.4	8.9	55.7
≥ 40	10.9	12.9	32.8	72.2	95.9	99.9			99.5	79.5	37.6	16.1	63.8
≥ 35	20.2	26.5	49.3	89.6	99.5	100.0			100.0	92.0	56.2	28.4	72.4
≥ 33	24.9	32.0	58.1	93.5	99.8					95.5	66.6	35.2	76.0
≥ 30	37.2	44.5	70.9	97.8	100.0					98.2	78.6	46.9	81.6
≥ 25	54.6	62.6	86.4	100.0						99.9	90.3	68.2	88.8
≥ 20	68.8	76.6	94.6							100.0	96.8	83.4	93.5
≥ 15	80.4	85.2	98.4								98.6	91.6	96.3
≥ 10	88.3	91.9	99.2								99.6	96.0	98.0
≥ 5	93.2	96.4	99.7								99.8	97.8	98.9
≥ 0	96.6	98.9	99.8								99.9	99.2	99.5
≥ -5	98.6	99.9	100.0								100.0	100.0	99.9
≥ -10	99.5												99.9
≥ -15	99.9												100.0
≥ -20	100.0	100.0											100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	24.8	27.1	35.5	46.3	54.9	63.6	67.4	66.1	59.1	47.4	37.2	29.0	46.5
S.D.	12.759	11.575	10.738	9.642	8.103	6.425	5.039	5.513	7.966	9.182	10.461	11.011	17.632
TOTAL OBS.	1095	1006	1106	1085	1141	1110	1144	1140	1097	1136	1096	1121	13277

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

724240 FT KNOX/GODMAN AAF KY 45-81

STATION STATION NAME YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 90							.1						.0
≥ 85						2.1	3.9	1.9	.5				.7
≥ 80					.8	15.8	29.4	25.5	7.5	.2			6.7
≥ 75				1.8	10.9	48.3	73.3	63.1	27.2	2.1			19.3
≥ 70			.7	10.5	31.7	75.3	93.6	88.8	49.3	9.2	.9		30.6
≥ 65	.2	.1	4.6	23.4	57.6	92.1	99.0	97.7	72.9	26.8	4.5	.2	40.6
≥ 60	1.2	.6	11.3	40.3	76.5	98.2	100.0	99.9	90.1	46.7	10.5	1.4	48.8
≥ 55	3.7	5.2	20.5	56.7	89.1	99.7		100.0	96.6	64.1	21.7	5.4	56.0
≥ 50	9.0	12.4	34.0	75.6	97.3	100.0			99.7	81.8	36.6	12.7	63.9
≥ 45	17.4	22.3	49.9	88.6	99.4				100.0	94.4	54.9	23.6	71.5
≥ 40	28.5	38.4	64.8	96.8	100.0					98.7	71.9	39.3	78.7
≥ 35	44.9	57.6	82.2	99.8						99.9	87.0	58.1	86.1
≥ 30	62.2	71.4	93.1	100.0						100.0	94.4	76.3	91.7
≥ 25	76.0	83.7	97.5								98.3	89.2	95.5
≥ 20	86.5	91.5	99.2								99.2	95.2	97.7
≥ 15	92.1	95.7	99.6								99.8	97.6	98.8
≥ 10	96.8	98.8	100.0									99.4	99.6
≥ 5	98.5	99.9									100.0	99.9	99.9
≥ 0	99.6											100.0	100.0
≥ -5	100.0	100.0											100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	32.8	35.9	44.9	56.6	65.2	73.6	77.0	75.8	69.2	58.2	46.0	37.0	56.0
S D	12.336	11.438	11.071	9.516	7.727	6.035	4.697	5.041	7.418	8.802	10.526	10.671	18.051
TOTAL OBS	1095	1006	1106	1085	1141	1110	1144	1140	1097	1136	1096	1121	13277

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72424 FT KNOX/GODMAN AAF KY 45-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45			84	83	89	95	97	99	95	81	80	59	
46	72*	63 *		86	82	94	95	92*	92	85	80	68	
47	69	60	68	80	88	92	93	98	95	87	65	63	98
48	61	72	80	85	86	95	97	98	92	79	74	66	98
49	70	68	77	79	92	95	96	95	88	85	76	68	96
50	75	66	72	82	91	92	89	88	86	85	81	69	92
51	67	69	69	86	91	97	93	96	93	89	68	71	97
52	68	66	80	89	90	98	104	97	93	89	76	65	104
53	64	62	73	81	93	100	99	100	101	89	74	68	101
54	60	71	71	85	91	99	104	97	102	90	74	60	104
55	63	68	76	87	88	90	96	95	95	83	80	65	96
56	60	64	76	84	89	93	96	95	94	85	77	69	96
57	65	68	74	86	88	93	93	96	97	79	68	63	97
58	52	65	56	83	87	91	92	94	90	81	80	60	94
59	67	68	78	84	92	93	95	93	90	90	78	65	95
60	68	62	77	87	86	94	92	95	95	84	74	64	95
61	58	69	74	79	83	92	93	93	91	84	83	68	93
62	66	78	77	86	90	90	92	101	91	84	67	66	101
63	62	60	80	86	91	97	95	96	90	89	71	58	97
64	66	55	71	79	88	92	93	98	94	78	73	67	98
65	63	67	67	86	89	90	97	98	90	83	73	66	98
66	62	63	75	77	85	93	97	89	88	76	69	65	97
67	70	66	81	83	87	96	85	85	85	85	63	70	96
68	60	61	78	82	85	92	93	94	87	82	80	57	94
69	58	57	74	81*	88	92*	96	93	87	85	65	55	* 96
70	66	63	67	86	88	90	95*	94	91	81	71	72	95
71	63	70	75	83	85	95	92	92	87	86	79	70	95
72	70	78	79	82	87	90	94	95	93	76*	77*	65	95
73	* 65	63	76*	78	83	90	94*	95*	95*	87*	73*	63	* 95
74	* 66*	68*	81*	82*	86	89	91	90	86	80	81*	63	91
MEAN													
S.D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 45-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV.	DEC.	ALL MONTHS
75	* 72	64	76	84	90	89	93	91	92	85*	78*	69	93
76	* 59	74	82	86	84	88	96	90	84	79	61*	62	96
77	* 40	71	82	85	88	91	95	92	92	79	76*	61	95
78	* 61	38	82	83	89	95	94	93	91	83	78*	63	95
79	* 46	63	76	78	85	89	87	93	87	82	69*	64	93
80	* 57	57	63	84	84	95	100	96*	94*	86*	76*	67	100
81	* 63*	70	85	83*	81	89*	92	90*	84*	80*	75*	60	* 92
MEAN	64.6	65.0	75.2	83.4	87.8	92.8	94.5	94.2	91.3	83.5	73.9	65.1	97.0
S.D.	5.016	7.286	6.075	2.870	2.872	3.041	3.822	3.546	4.230	3.894	5.901	4.463	3.082
TOTAL OBS	1095	1006	1106	1085	1141	1110	1144	1140	1097	1136	1096	1121	13277

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72424 FT KNOX/GODMAN AAF KY 45-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			27	30	35	43	56	53	52	33	22	3	
46	8*	8	*	34	42	46	58	48*	41	36	24	17	
47	10	3	6	32	35	51	50	66	41	38	15	20	3
48	-1	8	15	33	46	50	55	52	50	26	25	7	-1
49	8	10	16	33	43	56	62	55	36	35	20	15	8
50	22	11	14	27	44	50	58	51	37	40	-2	8	-2
51	7	-17	22	29	42	54	56	58	40	34	12	1	-17
52	7	25	21	34	43	57	57	55	46	26	19	18	7
53	19	16	25	29	47	55	58	57	46	33	22	3	3
54	0	19	17	28	34	48	60	56	46	29	22	19	0
55	5	3	12	30	46	48	68	54	50	31	10	7	3
56	13	19	23	29	43	42	58	50	42	37	17	22	13
57	3	20	21	28	35	58	59	56	47	30	22	5	3
58	10	-5	25	31	38	52	64	53	47	34	10	3	-5
59	-4	12	22	35	39	53	58	61	47	33	12	22	-4
60	13	14	-3	27	36	51	59	62	52	31	23	-3	-3
61	-5	9	28	27	37	50	57	57	44	30	20	3	-5
62	-7	5	17	28	49	54	51	54	42	25	27	-5	-7
63	-18	-2	25	32	32	54	54	56	37	32	25	-5	-18
64	3	11	17	26	43	47	55	46	40	28	9	2	2
65	-9	-4	17	32	45	55	56	47	37	30	18	19	-9
66	-12	1	14	26	30	39	55	52	41	31	17	9	-12
67	4	-5	15	35	35	54	51	50	37	31	21	11	-5
68	-2	4	16	36	34	48	52	50	47	28	23	10	-2
69	3	17	13	36*	40	45*	61	57	46	29	18	19	3
70	-6	-2	17	32	40	55	57*	56	44	32	12	12	-6
71	5	-2	21	30	36	58	55	57	48	39	21	15	-2
72	-8	6	20	25	42	43	53	54	44	29*	22*	7	-8
73	* 10	9	29*	29	39	55	59*	55*	45*	36*	26*	11	9
74	* 16*	13*	18*	31*	39	52	57	57	39	29	25*	19	* 13
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 45-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	* 10	14	18	26	46	52	55	59	41	34*	24*	10	* 10
76	* -3	5	24	31	34	53	56	55	40	25	5*	-1	* -3
77	* -14	2	19	33	39	48	60	57	50	33	16*	2	* -14
78	* -3	1	1	36	34	52	59	58	50	33	28*	15	* -3
79	* -3	1	15	28	37	51	55	54	47	31	25*	14	* -3
80	* 13	6	5	33	36	47	59	65*	50*	31*	26*	13	5
81	* 4*	2	27	36*	42	56*	58	56*	43*	21*	26*	11	* 2
MEAN	2.5	6.5	17.7	30.7	39.3	50.9	56.9	55.1	44.0	31.6	18.2	9.5	-2.2
S.D.	9.354	8.906	7.334	3.337	4.896	4.656	3.584	4.481	4.733	3.758	6.847	8.322	7.426
TOTAL OBS	1095	1006	1106	1085	1141	1110	1144	1140	1097	1136	1096	1121	13277

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 65			.2															2	2		
[illegible] / 63			.1															1	1		
[illegible] / 61		.2			.2													4	4	3	
[illegible] / 59		.1	.5		.1													6	6	2	3
[illegible] / 57		.1	.5		.1													6	6	1	2
5[illegible] / 55		.8	.7		.2	.2												17	17	6	1
[illegible] / 53		.7		.1	.2													9	9	18	6
[illegible] / 51		.7			.2													8	8	8	15
[illegible] / 49		.7	.2		.3													11	11	7	9
[illegible] / 47		.7		.1	.5													11	11	12	11
[illegible] / 45		.7	.1	.1	.1													9	9	9	3
[illegible] / 43		.9	.6	.3														16	16	10	4
[illegible] / 41		1.6	.9	.9	.5	.5												38	38	19	14
[illegible] / 39		2.6	.9	.3	.3													37	37	23	12
[illegible] / 37		1.2	.8		.3													21	21	37	20
[illegible] / 35		1.8	.6	.3	.1													25	25	19	24
[illegible] / 33		2.3	1.0	.7	.3													38	38	36	27
[illegible] / 31	.2	3.3	1.8	.2														49	49	36	28
[illegible] / 29	.1	2.8	2.8															51	52	45	38
[illegible] / 27	.7	6.4	2.1	.1														83	85	57	27
[illegible] / 25	.8	5.1	1.4															64	64	99	30
[illegible] / 23		3.3	.8															36	36	63	37
[illegible] / 21	.3	3.8	.3															40	40	43	57
[illegible] / 19	.6	4.2	.6															47	49	37	74
[illegible] / 17	.5	6.6	.6															67	67	61	60
[illegible] / 15	.1	3.3	.3															33	33	56	45
[illegible] / 13	.1	2.3	.2															23	23	26	52
[illegible] / 11	.3	1.4	.1															16	16	23	42
[illegible] / 9	.1	2.4	.2															24	24	18	41
[illegible] / 7	.1	1.4																13	14	23	42
[illegible] / 5	.2	1.5																15	15	14	27
[illegible] / 3	.1	1.9																18	18	23	1
[illegible] / 1	.1	1.1																11	11	11	1
[illegible] / -1	1.8	.2																18	18	20	1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,76-79 JA
STATION STATION NAME YEARS MONTH

 0000-[illegible]
HOURS (L.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	De
-[illegible] / -3	.3	.5																7	7	8	
-[illegible] / -5	.1																	1	1	2	
-[illegible] / -7	.6																	5	5	5	
-[illegible] / -9	.2																	2	2	2	
-[illegible]0/-11	.1																	1	1	1	
-1[illegible]/-13	.2																	2	2	2	
-1[illegible]/-15																					
-1[illegible]/-17																					
-[illegible]/-19																					
-2[illegible]/-23																					
-2[illegible]/-25																					
TOTAL	7.	866.	318.	3	3.3	3.6	.7												891		
																		885		885	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	4850927	64661	73.1	11.966	885						
Dry Bulb	791915	23415	26.3	14.086	891	3.8	66.0				
Wet Bulb	675235	21427	24.2	13.304	885	4.2	70.9				
Dew Point	504320	16446	18.6	14.993	885	10.9	77.1				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72524[illegible] FT KNOX/GODMAN AAF KY 65-70,76-79 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0
HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 59		.2	.3		.2													7	7		
[illegible] / 57	.1	.5	.1	.1	.1													8	8	3	
5[illegible] / 55		.3	.3		.1													7	7	7	
[illegible]4 / 53		.7	.6	.3														14	14	8	
[illegible] / 51		.6			.2													7	7	11	
5 / 49		.5	.5		.6													13	13	13	
[illegible] / 47		1.7	.1		.3													13	13	4	
4 / 45		.3	.1	.5														8	8	13	
[illegible]4 / 43		.7	.7															12	12	8	
[illegible]2 / 41		2.5	.3	.6	.1	.3												34	34	17	
4 / 39		3.1	.3	.5	.3													37	37	34	
3[illegible] / 37		1.8	.3	.1														20	20	29	
3[illegible] / 35		1.8	1.0	.6														30	30	23	
3[illegible] / 33		2.3	1.5	.8	.1													41	41	31	
[illegible]2 / 31		3.2	.9	.5														40	40	33	
[illegible] / 29	.2	4.2	1.7															54	54	50	
2[illegible] / 27	.6	4.3	1.4															55	57	61	
2[illegible] / 25	.9	6.6	.6															71	72	63	
2[illegible] / 23	.5	4.2	1.0															50	50	74	
[illegible]2 / 21	.5	3.4	.3															37	37	49	
2[illegible] / 19	.7	4.4	.3															48	49	40	
1[illegible] / 17	.5	3.6																36	37	46	
1[illegible] / 15	.9	3.2	.1															37	38	41	
1[illegible] / 13	.3	3.3	.2															34	34	36	
1 / 11	.6	2.9	.1															32	32	32	
[illegible] / 9	.1	1.2																14	14	27	
[illegible] / 7	.1	2.5																23	23	20	
[illegible] / 5	.8	2.3																27	27	28	
[illegible] / 3	.2	.8																9	9	13	
[illegible] / 1	.2	1.7																17	17	15	
/ -1	1.7	1.0																24	24	21	
- / -3	.3	.2																9	9	18	
-[illegible] / -5	.6																	5	5	5	
- / -7	.1																	6	6	6	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,76-79 — YEARS
JAN — MONTH

0300-0 — HOURS (L. S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL De
-[illegible]/ -9																					
[illegible]0/-11	.2																2	2	2	
-1 /-13	.3																3	3	3	
-1[illegible]/-15	.1																1	1	1	
-[illegible]/-19																				
-[illegible]/-21																				
-2/-23																				
-[illegible]/-25																				
TOTAL	11.[illegible]	69.0	12.9	3.8	2.1	.3											885	891	885	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	T
Rel. Hum.	5103163	66433	75.1	11.472	885							
Dry Bulb	735877	22175	24.9	14.378	891	5.2	66.8					
Wet Bulb	635993	20429	23.1	13.638	885	5.9	71.9					
Dew Point	488175	15845	17.9	15.209	885	11.9	77.6					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 FT KNOX/GODMAN AAF KY 65-70,76-79 JA
STATION STATION NAME YEARS MON

 0600-
HOURS (L

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
[illegible] / 59			.3																3	3	
[illegible] / 57		.7	.2	.3															11	11	
58 / 55		.1	.7																7	7	9
[illegible]4 / 53		.6	.2	.1															8	8	5
[illegible]2 / 51	.1	.6	.4	.1	.2														13	13	13
50 / 49		.7	.6	.3															14	14	10
[illegible] / 47		.7	.4		.3														13	13	11
[illegible] / 45		1.2	.3																14	14	15
[illegible]4 / 43		1.0	.6			.1													15	15	17
[illegible]2 / 41		2.6	.7		.6														34	34	20
40 / 39	.1	1.8	.2	.3	.2														24	24	29
38 / 37	.3	1.1	.7	.3															22	22	18
[illegible] / 35		2.6	.7	.1															30	30	13
34 / 33	.2	2.7	1.2	.6															42	42	46
[illegible]2 / 31	.4	3.2	1.1																43	43	39
30 / 29	.1	5.0	1.1																56	56	42
28 / 27	.2	3.4	.8																40	40	63
[illegible] / 25	.2	5.4	.9																59	60	46
24 / 23	.4	4.6	1.3																57	59	62
22 / 21	.9	4.2	1.0																55	55	73
[illegible] / 19	.7	3.8	.2																42	43	43
18 / 17	.7	4.4	.1																47	49	51
16 / 15	.4	2.4	.1																27	27	38
[illegible] / 13	.3	3.0																	30	30	23
12 / 11	.9	3.1	.3																39	39	36
[illegible] / 9	.3	2.1																	22	22	35
[illegible] / 7	.2	1.0																	11	11	17
[illegible] / 5	.9	2.2																	28	29	28
[illegible] / 3	.6	1.7																	20	20	20
2 / 1	.9	1.8																	24	24	25
[illegible] / -1	.9	.3																	11	11	11
-[illegible] / -3	1.6	.6																	19	19	20
-[illegible] / -5	.3	.2																	5	5	7
-[illegible] / -7	.6																		5	5	5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 STATION — FT KNOX/GODMAN AAF KY STATION NAME — 65-70,76-79 YEARS — JA MONTH

 0600-0 HOURS (L.

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

Element (X)	* 8 x' * UNIVAC 1100 TIME/SHARING EXECUTIVE -- MULTI-PROCESSOR SYSTEM with Remote Use	36R2D*C
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

PSYCHROMETRIC SUMM

STATION | STATION NAME | YEARS | MON

HOURS IL

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

UNID = B05088 USE PAPI NUMBER = CC INPUT

FILE NAME = LSTFIL5 CREATED AT: 17:47:58 JUL 06, 1982

1234567890 1234567890 1234567890

PSYCHROMETRIC SUMM

STATION _____ STATION NAME _____ YEARS _____ MONTH

HOURS (L.

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	De

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

 0000-02 (HOURS (L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
6/ 65			.2																2	2		
4/ 63			.1																1	1		
2/ 61		.2			.2														4	4	3	
/ 59		.1	.5		.1														6	6	2	
/ 57		.1	.5		.1														6	6	1	
/ 55		.8	.7		.2	.2													17	17	6	
4/ 53		.7		.1	.2														9	9	18	
/ 51		.7			.2														8	8	8	
/ 49		.7	.2		.3														11	11	7	
/ 47		.7		.1	.5														11	11	12	
/ 45		.7	.1	.1	.1														9	9	9	
4/ 43		.9	.6	.3															16	16	10	
2/ 41		1.6	.9	.9	.5	.5													38	38	19	
/ 39		2.6	.9	.3	.3														37	37	23	
7/ 37		1.2	.8		.3														21	21	37	
/ 35		1.8	.6	.3	.1														25	25	19	
3/ 33		2.3	1.0	.7	.3														38	38	36	
2/ 31	.2	3.3	1.8	.2															49	49	36	
7/ 29	.1	2.8	2.8																51	52	45	
2/ 27	.7	6.4	2.1	.1															83	85	57	
/ 25	.8	5.1	1.4																64	64	99	
2/ 23		3.3	.8																36	36	63	
2/ 21	.3	3.8	.3																40	40	43	
0/ 19	.6	4.2	.6																47	49	37	
/ 17	.5	6.6	.6																67	67	61	
/ 15	.1	3.3	.3																33	33	56	
/ 13	.1	2.3	.2																23	23	26	
/ 11	.3	1.4	.1																16	16	23	
0/ 9	.1	2.4	.2																24	24	18	
/ 7	.1	1.4																	13	14	23	
/ 5	.2	1.5																	15	15	14	
/ 3	.1	1.9																	18	18	23	
/ 1	.1	1.1																	11	11	11	
/ -1	1.8	.2																	18	18	20	

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

USAFETAC FORM 0-26-5 (OL A) 82 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,76-79 JAN
STATION STATION NAME YEARS MONTH

 0000-0
HOURS (L. S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
- / -3	.3	.5																7	7	8	
-4/ -5	.1																	1	1	2	
-6/ -7	.6																	5	5	5	
-8/ -9	.2																	2	2	2	
-10/-11	.1																	1	1	1	
-12/-13	.2																	2	2	2	
-14/-15																					
-16/-17																					
-18/-19																					
-22/-23																					
-24/-25																					
TOTAL	7.8	66.3	18.3	3.3	3.6	.7													891		
																		885		885	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T
Rel. Hum.	4850923	64661	73.1	11.966	885							
Dry Bulb	791915	23415	26.3	14.086	891	3.8	66.0					
Wet Bulb	675235	21427	24.2	13.304	885	4.2	70.9					
Dew Point	504320	16446	18.6	14.993	885	10.9	77.1					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAI

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

 0300-05 (HOURS (L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31					
[illegible] / 59		.2	.3		.2													7	7		
58 / 57	.1	.5	.1	.1	.1													8	8	3	
56 / 55		.3	.3		.1													7	7	7	
54 / 53		.7	.6	.3														14	14	8	
52 / 51		.6			.2													7	7	11	
50 / 49		.5	.5		.6													13	13	13	
48 / 47		1.0	.1		.3													13	13	4	
46 / 45		.3	.1	.5														8	8	13	
44 / 43		.7	.7															12	12	8	
42 / 41		2.5	.3	.6	.1	.3												34	34	17	
40 / 39		3.1	.3	.5	.3													37	37	34	
38 / 37		1.8	.3	.1														20	20	29	
36 / 35		1.8	1.0	.6														30	30	23	
34 / 33		2.3	1.5	.8	.1													41	41	31	
32 / 31		3.2	.9	.5														40	40	33	
30 / 29	.2	4.2	1.7															54	54	50	
28 / 27	.6	4.3	1.4															55	57	61	
26 / 25	.9	6.6	.6															71	72	63	
24 / 23	.5	4.2	1.0															50	50	74	
22 / 21	.5	3.4	.3															37	37	49	
20 / 19	.7	4.4	.3															48	49	40	
18 / 17	.5	3.6																36	37	46	
16 / 15	.9	3.2	.1															37	38	41	
14 / 13	.3	3.3	.2															34	34	36	
12 / 11	.6	2.9	.1															32	32	32	
10 / 9	.3	1.2																14	14	27	
8 / 7	.1	2.5																23	23	20	
6 / 5	.8	2.3																27	27	28	
4 / 3	.2	.8																9	9	13	
2 / 1	.2	1.7																17	17	15	
0 / -1	1.7	1.0																24	24	21	
-2 / -3	.8	.2																9	9	18	
-4 / -5	.6																	5	5	5	
-6 / -7	.7																	6	6	6	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

 0300-05 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31					
-- / -9																						
- / -11	.2																		2	2	2	
-1 / -13	.3																		3	3	3	
-1 / -15	.1																		1	1	1	
- / -19																						
- / -21																						
- 2/ -23																						
-24/ -25																						
TOTAL	11.8	69.0	12.9	3.8	2.1	.3													885	891	885	8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	5103163	66433	75.1	11.472	885							
Dry Bulb	735877	22175	24.9	14.378	891	5.2	66.8					
Wet Bulb	635993	20429	23.1	13.638	885	5.9	71.9					
Dew Point	488175	15845	17.9	15.209	885	11.9	77.6					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,76-79 YEARS | JAN MONTH

 0600-0 HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31					
6 / 59			.3																3	3		
58/ 57		.7	.2	.3															11	11		
56/ 55		.1	.7																7	7	9	
54/ 53		.6	.2	.1															8	8	5	
52/ 51	.1	.6	.4	.1	.2														13	13	13	
5 / 49		.7	.6	.3															14	14	10	
48/ 47		.7	.4		.3														13	13	11	
46/ 45		1.2	.3																14	14	15	
44/ 43		1.0	.6			.1													15	15	17	
42/ 41		2.6	.7		.6														34	34	20	
4 / 39	.1	1.8	.2	.3	.2														24	24	29	
38/ 37	.3	1.1	.7	.3															22	22	18	
36/ 35		2.6	.7	.1															30	30	13	
34/ 33	.2	2.7	1.2	.6															42	42	46	
32/ 31	.4	3.2	1.1																43	43	39	
30/ 29	.1	5.0	1.1																56	56	42	
28/ 27	.2	3.4	.8																40	40	63	
26/ 25	.2	5.4	.9																59	60	46	
24/ 23	.4	4.6	1.3																57	59	62	
22/ 21	.9	4.2	1.0																55	55	73	
20/ 19	.7	3.8	.2																42	43	43	
18/ 17	.7	4.4	.1																47	49	51	
16/ 15	.4	2.4	.1																27	27	38	
14/ 13	.3	3.0																	30	30	23	
12/ 11	.9	3.1	.3																39	39	36	
10/ 9	.3	2.1																	22	22	35	
8/ 7	.2	1.0																	11	11	17	
6/ 5	.9	2.2																	28	28	28	
4/ 3	.6	1.7																	20	20	20	
2/ 1	.9	1.8																	24	24	25	
0 / -1	.9	.3																	11	11	11	
-2/ -3	1.6	.6																	19	19	20	
-4/ -5	.3	.2																	5	5	7	
-6/ -7	.6																		5	5	5	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	T
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JA (MONT

 0600- (HOURS (L.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	D
-8/ -9	.6																	5	5	5	
-10/-11	.2																	2	2	2	
-12/-13	.1																	1	1	1	
-14/-15	.3																	3	3	3	
-16/-17																					
-18/-19																					
-20/-21																					
-22/-23																					
-24/-25																					
TOTAL	13.5	68.6	14.2	2.2	1.3	.1													907		
																		901		901	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	• 80 F	• 93 F	T
Rel. Hum.	5362718	68814	76.4	10.936	901							
Dry Bulb	732379	22077	24.3	14.671	907	5.2	67.4					
Wet Bulb	641747	20463	22.7	14.024	901	5.6	71.7					
Dew Point	506209	16065	17.8	15.628	901	13.8	77.6					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,76-79 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0900-110
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 Pt.
[illegible]6/ 65				.1														1	1		
[illegible]4/ 63			.1	.2														3	3		
62/ 61			.2	.3														5	5		
[illegible]0/ 59			.4	.1	.2													7	7	2	
[illegible]8/ 57		.2	.4	.3														9	9	6	
56/ 55	.1	.5	.1															7	7	9	
[illegible]4/ 53	.1	.7	.2	.1	.1	.2												13	13	15	
52/ 51	.1	.8	.9			.3												19	19	8	1
50/ 49	.2	.7	.8				.1											16	16	16	1
[illegible]8/ 47	.1	.1	.5	.2		.3												12	12	13	1
46/ 45		.8	.5	.2	.2													16	16	6	1
[illegible]4/ 43	.1	1.1	1.2	.2	.1	.1												26	26	20	
42/ 41		1.4	.7	.8	.4													30	30	24	1
40/ 39		1.1	1.6	.9	.1													34	34	24	1
38/ 37		2.1	1.0	.3	.3													34	34	31	2
36/ 35		1.1	1.9	.4	.2													33	33	32	2
34/ 33	.5	3.0	1.6	.3	.2													52	52	42	2
32/ 31	.4	2.3	2.2	.5														50	50	54	2
30/ 29	.5	3.4	2.4	.3														61	61	48	4
28/ 27	.2	3.8	2.3	.4	.1													63	63	63	3
26/ 25	.3	3.5	1.3	.2														49	49	61	4
24/ 23		3.7	1.5	.1														49	49	64	4
22/ 21	.2	3.6	1.6															50	50	53	4
20/ 19	.7	3.7	.8	.1														48	48	51	5
18/ 17		2.5	.7															29	29	47	5
16/ 15	.1	3.0	.2															30	30	33	4
14/ 13		2.2	.5															25	25	28	4
12/ 11	.1	1.5	.1															16	16	21	3
10/ 9	.2	2.5	.2															27	27	25	4
8/ 7	.1	3.5																33	33	26	1
6/ 5	.1	1.8																17	17	35	1
4/ 3	.3	1.2																14	14	12	1
2/ 1	.3	.9																11	11	14	2
0/ -1	.8	.1																8	8	11	3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,76-79 J
STATION STATION NAME YEARS MO

 0900
HOURS (

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
-[illegible]/ -3	.3	.2																5	5	6
-[illegible]/ -5	.2	.2																4	4	4
-[illegible]/ -7	.3	.2																5	5	4
-[illegible]/ -9	.1																	1	1	2
-10/-11	.1																	1	1	1
-12/-13	.1																	1	1	1
-14/-15																				
-16/-17																				
-18/-19																				
-20/-21																				
-22/-23																				
TOTAL	7.0	57.3	26.1	6.3	2.1	1.0	.1												914	
																		914		914

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Rel. Hum.	4847629	65425	71.6	13.421	914						
Dry Bulb	879734	25158	27.5	14.321	914	2.5	60.7				
Wet Bulb	747785	23023	25.2	13.559	914	3.0	67.6				
Dew Point	558118	17542	19.2	15.574	914	11.5	75.4				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 FT KNOX/GODMAN AAF KY 65-70,76-79 J
STATION STATION NAME YEARS MO

 1200 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			
7 / 69						.1												1	1	
6 / 67					.3													3	3	
6 / 65				.2	.1	.2												5	5	
4 / 63			.2	.2	.2													6	6	
2 / 61				.2	.1													3	3	1
/ 59			.2	.7	.2													10	10	8
/ 57		.5	.7	.3			.1											15	15	6
/ 55	.1	1.0	.4			.3												17	17	16
/ 53	.1	.5	.3	.1	.5	.4		.1										20	20	20
/ 51		.2	.7		.4	.1	.2											15	15	14
/ 49		.1	.5	.3	.5	.3	.3											20	20	3
/ 47		.3	.2	.2	.2	.8	.2											18	18	8
/ 45		1.4	.3	.4	1.0	.4	.2											35	35	25
4 / 43		.9	.5	1.1	.4	.5	.1											33	33	22
2 / 41		.7	.8	1.4	.9													34	34	19
0 / 39		1.4	1.0	.4	1.0													35	35	32
/ 37	.1	1.3	1.1	2.5	.1	.1												48	48	45
/ 35		1.6	2.1	1.0	.4													47	47	41
/ 33	.3	1.2	1.9	.9	.5													44	44	59
/ 31	.7	2.4	1.9	1.6	.3													63	63	65
/ 29	.2	2.4	3.5	1.6	.1													72	72	49
/ 27	.1	3.1	1.3	1.1														51	51	55
/ 25		2.5	3.5	.9														63	63	81
/ 23		2.1	2.0	.5														42	42	52
/ 21	.1	1.2	2.1	.1														32	32	60
/ 19	.3	1.6	.8	.3														28	28	41
/ 17		2.3	1.0															30	30	39
/ 15		1.7	.8															23	23	29
/ 13		1.3	1.3															24	24	25
/ 11		1.1	.5															15	15	21
/ 9		2.0	.5															23	23	21
/ 7	.1	1.4	.1															15	15	21
/ 5	.2	.9																10	10	11
/ 3		.3																3	3	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMI

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,76-79 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bul
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
/ 1		.4																4	4	
/ -1	.3	.1																4	4	
- / -3																				
-4/ -5		.3																3	3	
-6/ -7		.1																1	1	
-8/ -9																				
-10/-11																				
-12/-13																				
-14/-17																				
-18/-19																				
-20/-21																				
TOTAL	2.7	38.6	30.2	16.3	7.5	3.4	1.2	.1											915	
																		915		91

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	4020080	58824	64.3	16.149	915						
Dry Bulb	1102422	29134	31.8	13.829	915	.8	51.4	.4			
Wet Bulb	881480	25868	28.3	12.818	915	1.1	60.6				
Dew Point	598362	18716	20.5	15.356	915	8.9	75.3				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS)

PAGE 1 1500 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
7[illegible] / 69						.1													1	1	
6[illegible] / 67					.1														1	1	
[illegible]6 / 65			.1	.2	.2														5	5	
[illegible]4 / 63				.3	.2	.1													6	6	
62 / 61			.3	.2		.1													6	6	2
[illegible] / 59		.4	.5		.4														13	13	5
58 / 57		.1	1.2	.2	.1		.3												18	18	14
56 / 55		.4	1.1	.1	.1	.5	.1												22	22	12
54 / 53		.4		.2	.2	.1													9	9	17
52 / 51		.1	.2		.4	.2	.4												13	13	15
5[illegible] / 49		.9	.7	.2	.2	.2	.2												22	22	9
48 / 47		.3	.3	.3	.8	1.3	.3												31	31	14
46 / 45		1.0	.1	.3	.9	.5	.1												27	27	20
44 / 43		.8	.4	.4	.9	.2	.1												26	26	21
42 / 41		.4	1.4	1.1	1.1	.4													41	41	1
4[illegible] / 39		1.3	1.2	1.3	1.0														44	44	3
38 / 37	.4	.2	.9	1.5	.5	.2													35	35	5
36 / 35		.5	2.1	1.1	.7	.1													41	43	3
34 / 33	.2	2.1	1.8	.9	1.0														54	54	5
32 / 31	.4	3.3	3.4	1.3	.9														85	85	6
30 / 29	.3	2.1	2.8	1.8															64	64	6
28 / 27		2.5	2.5	2.1															65	65	5
26 / 25		1.5	3.3	.8															51	51	8
24 / 23		1.9	2.4	.4															43	43	5
22 / 21	.2	.9	1.8	.7															32	32	6
20 / 19		1.4	1.1	.4															27	27	4
18 / 17	.3	1.1	1.9																30	30	2
16 / 15		1.6	1.5																29	29	1
14 / 13		.5	.7																11	11	2
12 / 11	.1	1.3	.3																16	16	2
10 / 9	.1	1.1	.2																13	13	
8 / 7		1.0	.1																10	10	
6 / 5		1.1																	10	10	
4 / 3		.3																	3	3	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,76-79 YEARS | J MO

 1500 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
3 / 1		.4																4	4	3
1 / -1	.2																	2	2	6
-2 / -3		.1																1	1	
-4 / -5		.2																2	2	2
-6 / -7																				1
-8 / -9																				
-10 / -11																				
-12 / -13																				
-14 / -15																				
-16 / -17																				
-18 / -21																				
TOTAL	2.4	31.5	34.4	16.0	9.7	4.3	1.6												915	
																		913		913

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	3819789	57109	62.6	16.476	913						
Dry Bulb	1135668	29824	32.6	13.378	915	.5	50.6	.2			
Wet Bulb	895043	26253	28.8	12.396	913	.9	61.2				
Dew Point	588158	18678	20.5	15.031	913	8.4	75.9				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424 1 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,76-79 — YEARS
J — MO

 1800 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
64/ 63			.2	.1														3	3	
62/ 61			.1	.9														9	9	
60/ 59			.8	.1														8	8	3
58/ 57		.3	.3															6	6	1
56/ 55		.9	.9	.1	.3	.1												21	21	19
54/ 53		.9	.4	.3		.1												16	16	16
52/ 51		.8			.4	.2												13	13	15
50/ 49		.4	.3	.2	.2													11	11	11
48/ 47		.4	.1	.3	.1	.4												13	13	7
46/ 45		.4	.4	.6	.4	.3												20	20	9
44/ 43		1.2	.4	.4	.1	.4												24	24	25
42/ 41		1.0	1.2	1.0	1.3	.2												43	43	13
40/ 39		1.1	.8	.9	.7													31	31	23
38/ 37	.1	1.1	1.4	1.2	.2													37	37	38
36/ 35	.1	.8	2.3	.9														37	39	27
34/ 33	.1	2.0	1.4	.8	.2													41	42	50
32/ 31	.3	3.3	3.9	1.4	.1													82	82	59
30/ 29		2.7	3.5	1.0														65	65	69
28/ 27	.1	3.9	2.8	.8														68	68	62
26/ 25		3.1	2.3	.2														51	51	8
24/ 23		2.8	3.0	.1														53	53	62
22/ 21	.3	1.8	3.1															47	47	51
20/ 19		2.4	2.2															42	42	51
18/ 17		2.2	1.4															33	33	41
16/ 15		2.1	1.1															29	29	31
14/ 13	.2	1.1	.7															18	18	2
12/ 11	.1	1.4	.2															16	16	2
10/ 9		1.7	.1															16	16	1
8/ 7		.8																7	7	1
6/ 5		1.6																14	14	
4/ 3		1.2																11	11	2
2/ 1		.7																6	6	
0/ -1	.4	.2																6	6	
-2/ -3	.1	.1																2	2	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,76-79 JA
STATION STATION NAME YEARS MONT

 1800-
HOURS (L.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	D
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-[illegible]/ -5																				1	
-[illegible]/ -7		.1																1	1	1	
-[illegible]/ -9	.2																	2	2	2	
-10/-11																					
-1[illegible]/-13																					
-16/-17																					
-22/-23																					
TOTAL	2.	24	4.6	35.	7	11.4	4.2	1.9											905		
																		902		902	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	4208224	60270	66.8	14.177	902						
Dry Bulb	969163	27091	29.9	13.229	905	1.1	58.5				
Wet Bulb	793563	24265	26.9	12.501	902	1.2	66.5				
Dew Point	551548	17830	19.8	14.865	902	9.3	76.4				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 STATION — FT KNOX/GODMAN AAF KY STATION NAME — 65-70,76-79 YEARS — JA MON

 2100- HOURS (L

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
64/ 63			.3															3	3	
62/ 61				.2														2	2	
60/ 59			.3	.4														7	7	3
58/ 57		.2	.9															10	10	1
56/ 55		.9	1.0	.1	.2													20	20	13
54/ 53		1.0	.1		.3	.2												15	15	21
52/ 51		.7	.1		.1													8	8	11
50/ 49		.7	.3		.4	.1												14	14	10
48/ 47		.6	.1	.2	.1	.1												10	10	9
46/ 45		.6	.6		.1													11	11	9
44/ 43		.8	.4		.1	.2												14	14	15
42/ 41		1.4	1.1	.4	.9	.3												38	38	14
40/ 39		1.9	1.4	.9	.2													40	40	26
38/ 37		.9	.6	.6	.6													23	23	26
36/ 35		1.2	.9	.8														26	26	28
34/ 33		1.7	2.1	.8														41	41	32
32/ 31	.4	3.0	3.5	.4	.1													67	69	50
30/ 29	.2	3.0	3.9	.1														65	66	52
28/ 27	.4	3.8	3.6	.3														73	73	79
26/ 25	.2	4.9	1.4	.2														61	61	79
24/ 23		3.2	1.8															45	45	77
22/ 21	.1	3.1	1.0															38	38	41
20/ 19	.4	5.2	1.0															60	60	33
18/ 17		3.9	1.3															47	47	69
16/ 15		3.1	.8															35	35	42
14/ 13		1.6	.2															16	16	29
12/ 11	.2	1.8	.3															21	21	26
10/ 9	.1	1.6																15	15	16
8/ 7		1.4																13	13	21
6/ 5		.9																8	8	8
4/ 3		1.7																15	15	14
2/ 1		1.9																17	17	13
0/ -1	1.0	.1																10	10	20
-2/ -3	.1	.1																2	2	2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

 2100-21 (HOURS L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
-6/ -5		.2																2	2	2	
-8/ -7	.2																	2	2	3	
-10/ -9																					
-12/-11	.3																	3	3	3	
-14/-13																					
-16/-15																					
-18/-17																					
-20/-19																					
-22/-21																					
TOTAL	3.9	57.1	29.2	5.6	3.2	1.0													900		
																		897		897	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	T
Rel. Hum.	4616023	63333	70.6	12.694	897							
Dry Bulb	567007	25083	27.9	13.668	900	2.0	63.9					
Wet Bulb	729263	22785	25.4	12.960	897	3.1	70.4					
Dew Point	529951	17249	19.2	14.875	897	9.4	78.3					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72423 FT KNOX/GODMAN AAF KY 65-70,76-79 JA
STATION STATION NAME YEARS MONT

PAGE 1 AL
HOURS (L.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	D
70/ 69						.0												2	2		
68/ 67					.1													4	4		
66/ 65			.0	.1	.0	.0												13	13		
64/ 63			.1	.1	.1	.0												22	22		
62/ 61		.0	.1	.2	.0	.0												29	29	6	
60/ 59		.1	.4	.2	.2													61	61	23	
58/ 57	.0	.3	.5	.2	.0		.1											83	83	32	
56/ 55	.0	.6	.7	.0	.1	.2	.0											118	118	91	
54/ 53	.0	.7	.2	.2	.2	.1		.0										104	104	120	
52/ 51	.0	.5	.3	.0	.3	.1	.1											96	96	95	
50/ 49	.0	.6	.5	.1	.3	.1	.1											121	121	75	
48/ 47	.0	.5	.2	.2	.3	.4	.1											121	121	78	
46/ 45		.8	.3	.3	.3	.2	.0											140	140	108	
44/ 43	.0	.9	.6	.3	.2	.2	.0											166	166	138	
42/ 41		1.4	.9	.8	.7	.2												292	292	139	
40/ 39	.0	1.8	.9	.7	.5													282	282	223	
38/ 37	.1	1.2	.8	.8	.3	.0												240	240	275	
36/ 35	.0	1.4	1.4	.7	.2	.0												269	273	222	
34/ 33	.2	2.1	1.6	.7	.3													353	354	348	
32/ 31	.4	3.0	2.3	.8	.2													479	481	398	
30/ 29	.2	3.2	2.7	.6	.0													488	490	417	
28/ 27	.3	3.9	2.1	.6	.0													498	502	498	
26/ 25	.3	4.1	1.8	.3														469	471	594	
24/ 23	.1	3.2	1.7	.2														375	377	513	
22/ 21	.3	2.7	1.4	.1														331	331	432	
20/ 19	.4	3.3	.9	.1														342	346	336	
18/ 17	.2	3.3	.9															319	322	382	
16/ 15	.2	2.6	.6															243	244	308	
14/ 13	.1	1.9	.5															181	181	223	
12/ 11	.3	1.8	.3															171	171	203	
10/ 9	.2	1.8	.2															154	154	181	
8/ 7	.1	1.6	.0															125	126	162	
6/ 5	.3	1.5																129	129	145	
4/ 3	.2	1.1																93	93	112	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS)

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
[illegible] / 1	.2	1.1																94	94	9
[illegible] / -1	.9	.3																83	83	10
-[illegible] / -3	.4	.2																45	45	5
-[illegible] / -5	.2	.2																22	22	2
-[illegible] / -7	.3	.1																25	25	2
-[illegible] / -9	.1																	10	10	1
-[illegible] /-11	.1																	9	9	
-1[illegible] /-13	.1																	7	7	
-1[illegible] /-15	.1																	4	4	
-[illegible] /-17																				
-[illegible] /-19																				
-[illegible] /-21																				
-[illegible] /-23																				
-[illegible] /-25																				
TOTAL	6.4	54.0	25.2	8.2	4.3	1.6	.4	.0										7212	7238	721

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	36828549	504869	70.[illegible]	14.354	7212						
Dry Bulb	7214165	203957	28.2	14.237	7238	21.1	484.9	.6			
Wet Bulb	6000109	184513	25.6	13.321	7212	24.9	540.5				
Dew Point	4324841	138371	19.2	15.218	7212	84.1	613.5				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424 FT KNOX/GODMAN AAF KY 65-70,75-78 FE
STATION STATION NAME YEARS MONT

 0000-
HOURS (L.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	D
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
66/ 65				.1														1	1		
64/ 63			.4	.1														4	4		
62/ 61			.1	.1														2	2		
60/ 59			.5	.1	.1													6	6	4	
58/ 57			1.0	.8			.1											15	15	3	
56/ 55		.3	.4				.7											10	10	10	
54/ 53		1.0	.1	.8		.3												17	17	11	
52/ 51		.4	.3	.1	.4	.1												10	10	12	
50/ 49		.5	.4		.3	.4												12	12	6	
48/ 47		.4	.3	.3	1.2	.7												21	21	12	
46/ 45		.5		.7	.3	.1												12	12	14	
44/ 43		1.7	.7	.5														22	22	9	
42/ 41		1.4	1.0	1.2	.1													29	29	24	
40/ 39	.1	2.8	1.7	1.3	.1													46	46	38	
38/ 37		2.5	1.7	2.4														50	50	37	
36/ 35		1.6	3.0	1.4	.4													49	49	39	
34/ 33		2.6	2.1	1.7														49	49	38	
32/ 31	.4	2.8	5.0	1.8														76	76	67	
30/ 29		2.9	2.8	.1														44	44	65	
28/ 27	.1	2.6	1.7															34	34	63	
26/ 25		2.8	2.5															40	40	62	
24/ 23		4.3	1.8															47	47	37	
22/ 21	.5	2.1	1.6															32	32	41	
20/ 19	.5	2.5	.7															28	28	35	
18/ 17	.1	2.8	.8															28	28	33	
16/ 15		2.6	.5															24	24	23	
14/ 13		1.7	.1															14	14	26	
12/ 11		1.3																10	10	16	
10/ 9	.1	1.2																10	10	10	
8/ 7	.3	.3																4	4	5	
6/ 5		.5																4	4	3	
4/ 3	.1	.3																3	3	4	
2/ 1	.3	.3																4	4	5	
0/ -1	.7	.1																6	6	6	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72240 FT KNOX/GODMAN AAF KY 65-70,75-78 FE

STATION STATION NAME YEARS MON

 0000-

HOURS (L.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
-4 / -3																				1
-6 / -5																				
-8 / -7																				
-11 / -9																				
-13 / -12																				
TOTAL	3.3	46.7	31.2	13.6	2.9	1.6	.8												763	
																		763		763

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	3861345	53309	69.9	13.397	763						
Dry Bulb	893289	24325	31.9	12.433	763	.7	44.9				
Wet Bulb	739409	22065	28.9	11.531	763	.8	55.7				
Dew Point	526804	17362	22.8	13.148	763	3.6	67.3				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMI

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-77 YEARS

 030 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTA	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bu
[illegible] / 61		.1	.1															2	2	
[illegible] / 59		.1	.4															4	4	
[illegible] / 57		.3	.7	.4														10	10	
5[illegible] / 55		.5	1.0			.1												13	13	
[illegible] / 53		.5	.1			.3												7	7	1
[illegible]2 / 51	.1	.3	.4	.8	.5	.3												18	18	
50 / 49		.3	.3	.3	.4	.7												14	14	
[illegible] / 47			.3	.1	.5	.1												8	8	
4[illegible] / 45		1.4	.3		1.0													21	21	1
[illegible]4 / 43		1.4	.3	.4	.1													17	17	1
[illegible]2 / 41		1.2	.8	.7	.1													21	21	2
40 / 39		4.1	1.2	1.4	.5													55	55	2
3[illegible] / 37		2.6	1.0	1.0														36	36	4
[illegible] / 35		2.2	3.1	.7														46	46	3
3[illegible] / 33		3.0	3.5	.3														52	52	3
[illegible]2 / 31	.1	3.3	3.7	1.0														62	62	6
30 / 29	.1	2.9	4.2															55	55	6
2[illegible] / 27		3.1	1.7															37	37	5
2[illegible] / 25	.3	4.3	1.4															46	46	7
2[illegible] / 23		5.4	2.1															57	57	4
[illegible]2 / 21	.5	2.2	1.0															29	29	4
[illegible] / 19		2.2	.5															21	21	2
1[illegible] / 17	.3	2.6	.4															25	25	2
1[illegible] / 15	.3	2.4	.4															23	23	2
1[illegible] / 13		2.4	.1															19	19	2
1 / 11		1.8																14	14	1
[illegible] / 9	.1	1.6																13	13	1
[illegible] / 7	.3	1.0																10	10	1
[illegible] / 5	.1	.7																6	6	1
[illegible] / 3	.3	.9																9	9	
[illegible] / 1	.1	.1																2	2	
[illegible] / -1	.5																	4	4	
-[illegible] / -3	.4	.1																4	4	
-[illegible] / -5	.3																	2	2	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-77 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry Bulb	W
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			
-8 / -7																				
-6 / -9																				
-1 / -13																				
-1 / -15																				
TOTAL	3.	55.	229.	1 7.1	3.3	1.4												762	762	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	4126633	55263	72.5	12.492	762						
Dry Bulb	820088	23096	30.3	12.560	762	1.1	48.3				
Wet Bulb	691734	21150	27.8	11.729	762	1.1	57.9				
Dew Point	505921	16925	22.2	13.070	762	4.3	66.8				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

72424 FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		
60 / 59		.1	.4	.2														6	6
58 / 57		.7	.2															8	8
56 / 55		.8	.7	.1														14	14
54 / 53		.5	.2	.5														10	10
52 / 51		.2	.1	.5	.5													11	11
50 / 49		.1	.2		.2	.5												9	9
48 / 47		.2	.7		.6	.1												14	14
46 / 45		.9	.1	.1	.4													13	13
44 / 43		2.0	.5	.5	.2													27	27
42 / 41		1.7	.4	.6														22	22
40 / 39	.1	2.5	1.3	1.1	.4													45	45
38 / 37	.2	2.3	1.2	.5														35	35
36 / 35		2.3	2.1	.2														39	39
34 / 33	.5	1.7	3.4	.2														49	49
32 / 31	.2	4.1	3.9	.5														74	74
30 / 29	.1	3.3	3.9	.1														67	67
28 / 27		4.4	3.2															64	64
26 / 25		4.3	.5															40	40
24 / 23	.1	3.9	1.4															46	46
22 / 21		3.6	.4	.1														34	34
20 / 19	.6	3.4	.7															40	40
18 / 17	.4	3.0	.6															33	33
16 / 15	.4	2.4	.1															26	26
14 / 13		2.8	.2															26	26
12 / 11	.4	2.5																24	24
10 / 9		1.5																13	13
8 / 7	.2	1.5																15	15
6 / 5	.2	.9																10	10
4 / 3	.5	.8																11	11
2 / 1	.6	.8																12	12
0 / -1	.2																	2	2
-2 / -3	.1																	1	1
-4 / -5	.5																	4	4
-6 / -7																			

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	T Dry Bulb	T We
-8/ -9																				
-10/-11																				
-12/-13																				
-14/-15																				
TOTAL	5.3	60.1	26.5	5.2	2.3	.6											844	844		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93
Rel. Hum.	4709439	62311	73.8	11.378	844						
Dry Bulb	831098	24222	28.7	12.699	844	.7	53.9				
Wet Bulb	709643	22371	26.4	11.950	844	.9	60.3				
Dew Point	522310	17852	21.2	13.102	844	4.7	69.1				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

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 Bul
69/ 67								.1										1	
64/ 63				.1				.1										2	
62/ 61			.1	.1	.1			.1										4	
60/ 59		.1	.8	.1	.1	.1	.1											12	1
59/ 57	.1	.6	.5	.1	.4	.2	.1											17	1
56/ 55		.4	.4	.5	.2	.4	.2	.1										18	1
54/ 53		.6	.4	.5	.4	.2	.1											18	1
52/ 51		.5	.1	.2		.6												12	1
50/ 49		.4	.6	.5	.6	.4												20	2
48/ 47		.7	.2		.9	.2												18	1
46/ 45		.4	.6	.9	.7	.1												23	2
44/ 43		1.7	.5	.8	.7	.4	.1											35	3
42/ 41		1.4	.7	1.3	.9													37	3
40/ 39	.2	1.8	1.4	1.4	.9													49	4
38/ 37	.1	1.9	2.1	2.7	.4													61	6
36/ 35	.1	1.3	2.0	1.5	.4													45	4
34/ 33		2.6	4.1	2.1	.1													76	7
32/ 31		1.9	2.5	1.4	.2													51	5
30/ 29	.4	3.7	2.8	.2	.2													62	6
28/ 27	.1	2.8	2.7	.4	.1													52	5
26/ 25	.1	2.2	1.5	.4														36	3
24/ 23	.1	1.7	1.2	.6	.1													31	3
22/ 21	.4	1.3	2.0	.2														33	3
20/ 19	.1	2.4	.9															29	2
18/ 17		2.4	1.4															32	3
16/ 15		2.0	.6															22	2
14/ 13		1.3	.2															13	1
12/ 11	.1	.9																9	
10/ 9	.1	.6																6	
8/ 7		.9																8	
6/ 5		.9																8	
4/ 3	.1	.4																4	
2/ 1		.2																2	
0/ -1																			

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 9
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	T Dry Bulb	T We
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			
-4/ -3																				
-6/ -5																				
-8/ -7																				
-10/ -9																				
-14/-11																				
-15																				
TOTAL	2.1	39.8	30.5	16.2	7.6	2.6	.7	.5										846	846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	3965847	56479	66.8	15.203	846						
Dry Bulb	1065913	28159	33.3	12.339	846		39.5	.1			
Wet Bulb	858183	25191	29.8	11.310	846	.1	52.0				
Dew Point	586033	19281	22.8	13.172	846	4.0	67.2				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

724242 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31		
74/ 73										.1								1	1
72/ 71									.1									1	1
70/ 69						.2		.1										3	3
68/ 67			.1		.1	.1			.1									4	4
66/ 65					.1			.2	.5									7	7
64/ 63		.1		.2	.4	.1		.5										11	11
62/ 61		.1	.4	.4	.6	.7	.2	.4		.1								24	24
60/ 59			.5	.2	.8	.2	.2	.1										18	18
58/ 57	.4	.1	.1	.4	.6	.4	.4	.2	.2									23	23
56/ 55		.7	.4	.1	.4	.7	.6	.4										27	27
54/ 53		.2	.2	.1	.6	.2	.5	.5										20	20
52/ 51		.8		.4	.7	.9	.2											26	26
50/ 49		.4	.4	.2	.7	.7	.1	.1										22	22
48/ 47		.2	.5	.1	.8	.7	.6											25	25
46/ 45		.9	.1	.6	1.1	1.7	.2											39	39
44/ 43	.1	1.3	.6	.6	1.2	1.2	.1											43	43
42/ 41		.6	1.3	1.3	1.8	.7	.1											49	49
40/ 39		1.1	1.7	2.1	1.1	.1												51	51
38/ 37		.7	.6	1.4	1.2	.4												36	36
36/ 35		1.1	2.4	1.7	1.1	.5												56	56
34/ 33		2.2	2.5	1.8	.6													60	60
32/ 31	.1	2.4	2.8	2.2	.1	.1												66	66
30/ 29	.1	.9	4.0	1.4	.2	.1												58	58
28/ 27		1.2	2.7	1.2	.6													48	48
26/ 25		.8	1.8	.9	.4													33	33
24/ 23		.4	2.0	.2														22	22
22/ 21		.5	1.3	.2														17	17
20/ 19		.4	2.4	.1														24	24
18/ 17		.4	.9															11	11
16/ 15		.4	.2															5	5
14/ 13		.5	.1															5	5
12/ 11		.2	.1															3	3
10/ 9		.4																3	3
8/ 7		.6																5	5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

724240 (STATION) FT [illegible]OX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	•31	TOTAL D.B./W.B.	TO Dry Bulb	TO Wet
[illegible] / 5																				
[illegible] / 3																				
[illegible] / 1																				
[illegible] / -1																				
-[illegible] / -3																				
-4 / -5																				
-[illegible] / -7																				
-[illegible] / -9																				
-[illegible] / -11																				
TOTAL	•7	19.5	30.0	18.0	15.0	9.8	3.3	2.5	•9	•2									846	
																		846		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	3127800	49230	58.2	17.643	846						
Dry Bulb	1390742	32612	38.5	12.574	846		29.8	.9	.1		
Wet Bulb	1039020	28144	33.3	11.027	846		43.3				
Dew Point	642837	20295	24.0	13.586	846	3.0	63.6				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TO Dry Bulb	TO Wet
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
74/ 73											.1							1	1	
72/ 71							.1			.1								2	2	
70/ 69						.2	.2		.4									7	7	
68/ 67			.1	.1	.1			.1		.6								9	9	
66/ 65			.1	.2				.1	.1									5	5	
64/ 63		.1	.2	.2	.4	.4	.4	.6										19	19	
62/ 61		.1		.2	.6	.7	.1	.5		.2								21	21	
60/ 59		.1	.1	.4	.6	.4	.2	.1	.6	.1								22	22	
58/ 57		.4	.5	.1		.6	.1	.1	.1									16	16	
56/ 55		.2	.2	.4	.2	1.1	.4	.7	.1									28	28	
54/ 53				.1	.4	.6	.6											14	14	
52/ 51		.9	.5	.7	.2	1.2	.4	.1										34	34	
50/ 49		.5	.4	.1	.2	.7	.6	.4										24	24	
48/ 47		.2	.2	.1	.4	1.1	.9	.1										26	26	
46/ 45	.1	1.1	.5	.2	1.7	1.4	.5											46	46	
44/ 43		1.5	.5	.2	1.1	2.1	.2											48	48	
42/ 41		1.1	.9	2.2	2.0	.2	.1											56	56	
40/ 39		.4	1.8	.8	.8	.4												35	35	
38/ 37	.1	.7	1.1	1.2	1.7	.7												46	46	
36/ 35		1.1	1.9	2.5	1.3	.5												61	61	
34/ 33	.1	1.7	1.3	2.8	.7													56	56	
32/ 31	.2	1.9	2.6	2.6	.2	.2												66	66	
30/ 29	.1	1.1	2.7	2.0	.4													53	53	
28/ 27		1.3	2.2	2.4	.6													55	55	
26/ 25		.5	.8	.5	.2													17	17	
24/ 23		.1	2.4	.5														25	25	
22/ 21		.4	1.7	.2														19	19	
20/ 19		.1	1.9															17	17	
18/ 17		.1	.4															4	4	
16/ 15		.1	.1															2	2	
14/ 13		.2	.4															5	5	
12/ 11		.1																1	1	
10/ 9		.1																1	1	
8/ 7		.4																3	3	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	Dry Bulb	W
6 / 5		.2																2	2	
4 / 3																				
2 / 1																				
0 / -1																				
-2 / -3																				
-4 / -5																				
-6 / -7																				
-8 / -9																				
TOTAL	.7	16.7	25.4	20.9	13.7	12.4	4.8	2.8	1.3	1.1	.1							846	846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	2887445	46867	55.4	18.560	846						
Dry Bulb	1472486	33660	39.8	12.557	846		26.8	1.9	.1		
Wet Bulb	1072931	28697	33.9	10.852	846		40.6				
Dew Point	634838	20080	23.7	13.684	846	3.0	63.4				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TO	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet
7[illegible] / 69							.1			.1								2	2	
6[illegible] / 67						.1	.1	.1										3	3	
66 / 65			.1	.1	.1			.2	.1									6	6	
64 / 63			.5	.2	.1	.1			.1									9	9	
62 / 61		.2		.4	.2	.4	.1	.2										13	13	
6[illegible] / 59		.1	.1	.6	.2		.4	.2										14	14	
58 / 57		.4	.4	.4	.5	.1	.6	.4										22	22	
5[illegible] / 55		.5	.1		.2	.5	.1	.5										16	16	
54 / 53		.1	.2	.2	.8	.4	.2											17	17	
52 / 51		.6	.5	.1	.6	.2	.1											18	18	
5[illegible] / 49		.2	.7	.1	.7	.2												17	17	
4[illegible] / 47		.2		.2	.8	.4	.2											16	16	
46 / 45		.7	.7	.4	.7	1.1												30	30	
44 / 43		2.2	.5	.4	.7	.9	.1											41	41	
42 / 41		1.3	.5	1.4	1.7	.6												46	46	
4[illegible] / 39	.5	1.2	1.7	2.2	2.2	.2												68	68	
38 / 37		.9	1.8	1.8	1.1	.2												49	49	
36 / 35	.2	1.1	1.7	1.5	1.1	.1												48	48	
34 / 33		1.3	2.7	2.1	.6													57	57	
32 / 31	.4	1.5	2.2	4.0	.4													72	72	
30 / 29	.1	2.1	2.8	1.9														59	59	
28 / 27		1.2	2.7	1.1														42	42	
26 / 25		2.6	3.5	.9	.1													61	61	
24 / 23	.1	.8	1.9	.8														31	31	
22 / 21			2.0	.4														20	20	
20 / 19	.4	.1	1.9	.1														21	21	
18 / 17		.8	1.3															18	18	
16 / 15		.4	1.1															12	12	
14 / 13		.1	.2															3	3	
12 / 11		.1																1	1	
10 / 9		.1	.1															2	2	
8 / 7		.5																4	4	
6 / 5		.4																3	3	
4 / 3	.1	.4																4	4	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TD
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb / Wet
/ 1		.1																1	1 /
/ -1																			
-/ -3																			
-/ -5																			
-/ -7																			
-/ -9																			
-1 /-13																			
TOTAL	1.8	22.3	31.9	21.4	12.9	5.6	2.1	1.7	.2	.1								846	846 /
																		846	8

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	3310176	50960	60.2	16.872	846						
Dry Bulb	1235624	30628	36.2	12.249	846		35.1	.5			
Wet Bulb	944252	26692	31.6	10.992	846		48.4				
Dew Point	593773	19309	22.8	13.459	846	3.6	65.1				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOT
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet
64/ 63			.6		.1													6	6	
62/ 61		.1	.2	.1	.2													6	6	
60/ 59			.6	.2	.5	.1												12	12	
58/ 57		.2	.2	.1		.2	.7											13	13	
56/ 55		.2		.1	.4	.1	.5	.1										12	12	
54/ 53		.7	.5		.6	.1	.2	.1										19	19	
52/ 51		.5	.4	.1	.2	.4												13	13	
50/ 49		.5	.5	.5	.1	.5												17	17	
48/ 47		.2	.5	.1	1.1	.6												21	21	
46/ 45		.7	.4	.7	.8	.5												26	26	
44/ 43		1.7	.7	.8														27	27	
42/ 41		1.9	.6	.9	.6													34	34	
40/ 39	.4	.7	1.5	1.3	.6													38	38	
38/ 37		2.5	1.4	2.8	.9													65	65	
36/ 35		1.7	1.7	1.4	.9													48	48	
34/ 33		2.5	3.0	2.5	.5													71	71	
32/ 31	.1	2.5	3.8	2.7	.1													78	78	
30/ 29		1.5	4.0	.5														51	51	
28/ 27	.5	1.2	3.0	.1														40	40	
26/ 25		2.6	3.9															55	55	
24/ 23		2.7	2.5															44	44	
22/ 21		2.1	2.0	.1														36	36	
20/ 19	.1	1.8	1.4	.2														30	30	
18/ 17		1.2	1.3															21	21	
16/ 15		1.5	1.1															22	22	
14/ 13		1.8																15	15	
12/ 11		.9																8	8	
10/ 9		.4																3	3	
8/ 7		.1																1	1	
6/ 5		.5																4	4	
4/ 3		.4																3	3	
2/ 1		.7																6	6	
0/ -1	.1																	1	1	
-2/ -3																				

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

72240 FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	Dry Bulb	T We
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			
-4/ -5																			
-6/ -7																			
- / -9																			
-10/-11																			
TOTAL	1.2	35.9	35.6	15.5	7.7	2.5	1.4	.2									846	846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	3769959	55111	65.1	14.590	846						
Dry Bulb	1056441	28115	33.2	12.021	846	.1	41.5				
Wet Bulb	843720	25030	29.6	11.050	846	.4	54.5				
Dew Point	559664	18806	22.2	12.946	846	3.3	67.0				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TD Dry Bulb	TD Wet
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 73										.0	.0								2	2	
[illegible] / 71							.0		.0	.0									3	3	
[illegible] / 69						.1	.0	.0	.0	.0									12	12	
[illegible] / 67			.0	.0	.0	.0	.0	.0	.0	.1									17	17	
[illegible] / 65			.0	.1	.0			.1	.1										19	19	
[illegible] / 63		.0	.2	.1	.1	.1	.0	.2	.0										51	51	
[illegible] / 61		.1	.1	.2	.2	.2	.1	.2		.0									72	72	
[illegible] / 59		.1	.4	.2	.3	.1	.1	.1	.1	.0									94	94	
[illegible] / 57	.1	.3	.4	.3	.2	.2	.3	.1	.0										124	124	
[illegible] / 55		.5	.4	.2	.2	.4	.3	.2	.0										138	138	
[illegible] / 53		.5	.2	.3	.3	.3	.2	.1											122	122	
[illegible] / 51	.0	.5	.3	.4	.4	.5	.1	.0											142	142	
[illegible] / 49		.3	.4	.2	.4	.5	.1	.1											135	135	
[illegible] / 47		.3	.3	.1	.8	.5	.2	.0											149	149	
[illegible] / 45	.1	.8	.3	.5	.8	.6	.1												210	210	
[illegible] / 43	.0	1.7	.5	.5	.5	.6	.1												260	260	
[illegible] / 41		1.3	.8	1.2	.9	.2	.0												294	294	
[illegible] / 39	.2	1.8	1.5	1.5	.8	.1													387	387	
[illegible] / 37	.1	1.7	1.4	1.7	.7	.2													378	378	
[illegible] / 35	.0	1.5	2.2	1.4	.7	.1													392	392	
[illegible] / 33	.1	2.2	2.8	1.7	.3														470	470	
[illegible] / 31	.2	2.5	3.3	2.1	.1	.0													545	545	
[illegible] / 29	.1	2.3	3.4	.8	.1	.0													449	449	
[illegible] / 27	.1	2.2	2.5	.7	.2														372	372	
[illegible] / 25	.0	2.5	2.0	.3	.1														328	328	
[illegible] / 23	.0	2.3	1.9	.3	.0														303	303	
[illegible] / 21	.2	1.5	1.5	.2															220	220	
[illegible] / 19	.2	1.6	1.3	.1															210	210	
[illegible] / 17	.1	1.6	.9																172	172	
[illegible] / 15	.1	1.5	.5																136	136	
[illegible] / 13		1.3	.2																100	100	
[illegible] / 11	.1	1.0	.0																70	70	
[illegible] / 9	.0	.7	.0																51	51	
[illegible] / 7	.1	.7																	50	50	

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

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

AD-A118 462 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT KNOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUL 82

UNCLASSIFIED USAFETAC/DS-82/042 SBI-AD-E850 201 NL

4 OF 6
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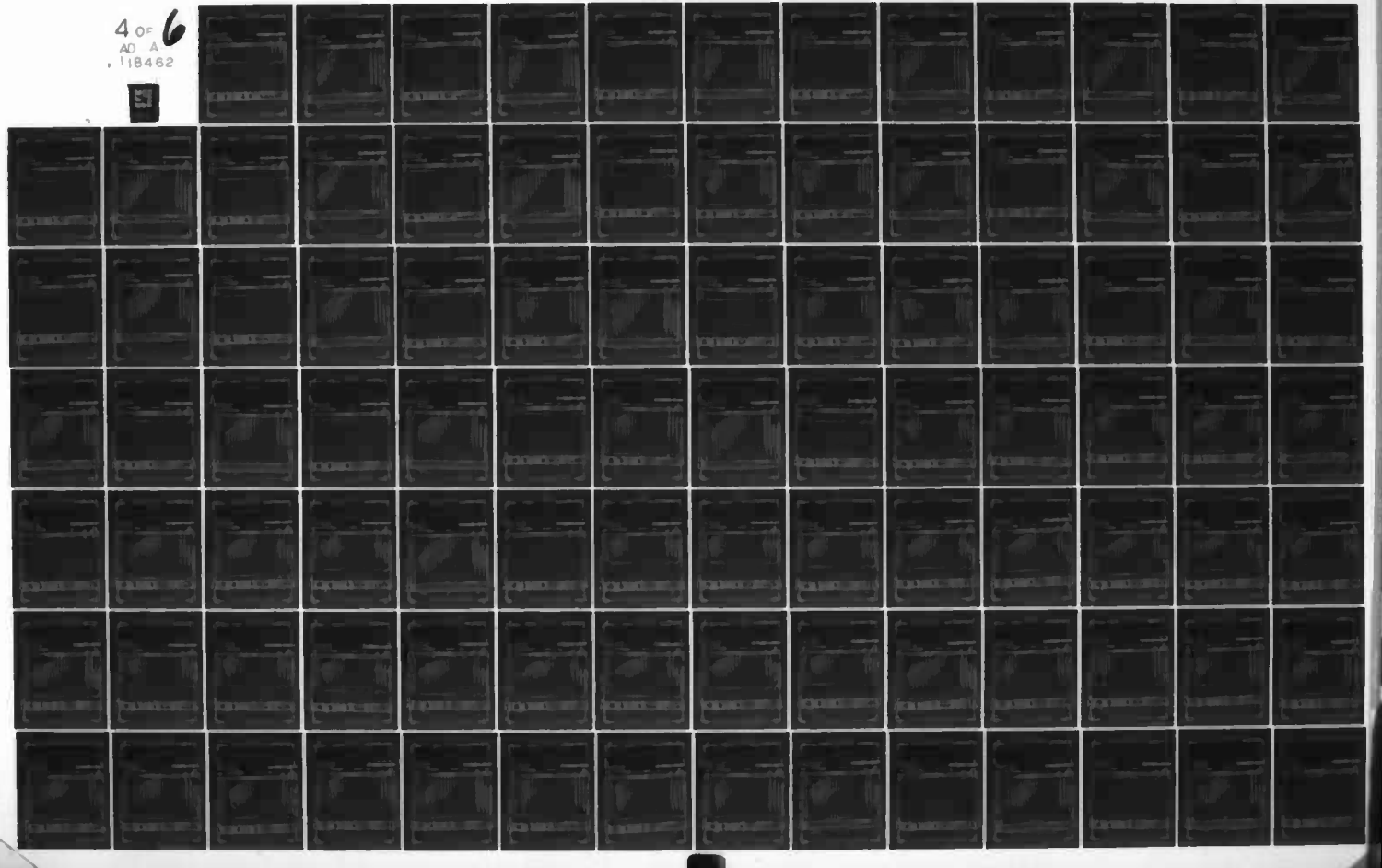

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846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] | FT KNOX/GODMAN AAF KY | 65-70,75-78 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 5	.0	.5																37	37	44	174
[illegible] / 3	.1	.4																34	34	38	136
[illegible] / 1	.1	.3																27	27	36	138
[illegible] / -1	.2	.0																13	13	19	89
-[illegible] / -3	.1	.0																5	5	6	66
-[illegible] / -5	.1																	6	6	6	64
-[illegible] / -7																					26
-[illegible] / -9																					24
-[illegible] / -11																					9
-1[illegible] / -13																					7
-14 / -15																					3
TOTAL	2.3	36.7	30.0	14.9	8.3	4.6	1.7	1.0	.3	.2	.0								6599		6599
																		6599		6599	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	29758644	429530	65.1	16.519	6599							
Dry Bulb	8765681	224817	34.1	12.950	6599	2.4	318.5	3.5	.2			672
Wet Bulb	6898892	199270	30.2	11.559	6599	3.2	411.6					672
Dew Point	4572180	149910	22.7	13.297	6599	29.3	529.4					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-77 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.1	.2										3	3		
[illegible]/ 69						.1	.1											2	2		
[illegible]/ 67							.5											6	6		
[illegible]/ 65					.1	.2	.1	.2	.2									8	8		
[illegible]/ 63					.4	.4	.4											9	9		
[illegible]/ 61		.5	.5	.4	.6	1.0	.1											25	25	2	
[illegible]/ 59		1.1	.6	.4	.4		.1											21	21	11	3
[illegible]/ 57		1.0	1.2		.6	.4	.5											30	30	21	10
[illegible]/ 55		.4	.5	.7	.7	.4	.2	.2										26	26	26	10
[illegible]/ 53	.1	1.2		.7	.4	.5	.2	.2										28	28	36	18
[illegible]/ 51	.1	.7	.8	.4	1.3	.1												29	29	15	25
[illegible]/ 49		1.2		.7	.6	.2												23	23	23	18
[illegible]/ 47		2.2	.6	1.3	1.4	.8												53	53	39	[illegible]9
[illegible]/ 45		1.2	.2	.8	1.1	.8												35	35	27	35
[illegible]/ 43		.8	.7	1.4	1.8	.2												42	42	38	21
[illegible]/ 41		1.4	.2	2.4	1.3													45	45	30	20
4 / 39		2.3	2.4	1.2	1.3													60	60	43	21
[illegible]/ 37		2.0	1.4	1.6	.5													46	46	58	39
[illegible]/ 35		2.3	2.9	1.6	.4													59	59	68	40
[illegible]/ 33	.1	3.5	3.0	1.8														70	70	64	36
[illegible]/ 31		1.8	1.6	1.0														36	36	72	47
[illegible]/ 29	.1	1.7	2.5	.6														41	41	60	54
[illegible]/ 27	.1	2.0	1.8	.1														34	34	46	62
[illegible]/ 25	.2	1.9	2.3	.4														40	40	46	59
[illegible]/ 23		3.1	1.1															35	35	34	54
[illegible]/ 21		1.6	.2															15	15	40	54
[illegible]/ 19		1.0	.2															10	10	22	37
[illegible]/ 17		.7																6	6	11	41
[illegible]/ 15																				5	47
[illegible]/ 13																					30
[illegible]/ 11																					19
[illegible]/ 9																					7
[illegible]/ 7																					8
[illegible]/ 5																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240	FT KNOX/GODMAN AAF KY	65-70,75-77	MAR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.8	35.4	24.7	17.8	13.0	5.5	1.6	1.2										837	837	837	837

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4080239	56897	68.0	15.945	837							
Dry Bulb	1500797	34031	40.7	11.838	837		24.1	1.2				93
Wet Bulb	1209148	30544	36.5	10.634	837		37.3					93
Dew Point	886192	25284	30.2	12.101	837		58.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-77 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1											1	1		
68/ 67				.1														1	1		
66/ 65				.5	.1	.5	.1											10	10		
64/ 63					1.0	.4												11	11		
62/ 61		.4	.6	.2	.6	.4												18	18	2	
60/ 59		1.0	.7	.4	.6													22	22	9	4
58/ 57		.5	.7	.1	.1	.5												16	16	18	7
56/ 55		1.4	1.1	.5	.5	.2	.2	.1										34	34	26	11
54/ 53		1.2	.8	.6	.6	.4												30	30	29	17
52/ 51		.8	.2	.1	1.0	.4												21	21	26	21
50/ 49		1.4	.1	.8	.5	.1												25	25	19	31
48/ 47		1.6	.5	1.2	.5													31	31	26	15
46/ 45	.1	1.6	.1	1.3	.8	.1												34	34	30	27
44/ 43		1.0	.6	1.2	1.6	.2												38	38	36	31
42/ 41		1.2	1.2	1.3	1.4													43	43	24	12
40/ 39		2.3	2.0	2.2	.7													60	60	32	18
38/ 37	.4	2.2	1.8	1.2	.1													47	47	54	30
36/ 35		1.8	3.0	1.2	.6													55	55	64	38
34/ 33		4.2	2.7	.7														64	64	60	34
32/ 31		3.5	2.0	1.3														57	57	79	42
30/ 29		2.4	1.4	.1														33	33	65	63
28/ 27		3.6	1.4	.1														43	43	49	70
26/ 25		2.5	2.0															38	38	45	59
24/ 23		3.2	.2	.1														30	30	33	41
22/ 21		3.7	.4															34	34	40	64
20/ 19	.4	2.5																24	24	38	44
18/ 17		1.2																10	10	19	39
16/ 15		.7																6	6	10	42
14/ 13		.1																1	1	4	34
12/ 11																					17
10/ 9																					20
8/ 7																					5
6/ 5																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-77 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.8	45.8	23.8	15.3	10.6	3.1	.5	.1										837	837	837	837

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4435177	59723	71.4	14.415	837							
Dry Bulb	1378504	32434	38.8	12.064	837		30.7	.2				93
Wet Bulb	1142235	29515	35.3	11.016	837		42.4					93
Dew Point	865840	24908	29.8	12.209	837		60.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68 / 67			.1															1	1		
66 / 65			.2		.4	.3												9	9		
64 / 63					.6	.4												11	11	1	
62 / 61		.2	.8	.1	.8	.2												19	19	3	
60 / 59		.6	1.3	.2	.3	.2												25	25	4	5
58 / 57		.6	.6	.5	.6	.5	.1											29	29	19	7
56 / 55	.2	1.0	.2	.3	.3	.6	.2											27	27	35	11
54 / 53		1.0	.8	.2	.4	.3												25	25	23	23
52 / 51	.1	1.0	.8	.5	.6	.3												31	31	25	25
50 / 49	.2	1.1	.3	.9	.4	.3												30	30	31	17
48 / 47		1.5	.4	.8	.6	.2												33	33	23	21
46 / 45	.1	1.1	.5	1.3	.8	.4												39	39	38	41
44 / 43	.2	.8	.5	1.5	.8	.2												37	37	31	24
42 / 41	.1	1.5	1.4	1.5	.4	.1												47	47	28	13
40 / 39	.1	1.6	2.3	2.0	.4													60	60	47	17
38 / 37	.1	3.0	2.2	1.2	.2													62	62	62	37
36 / 35		2.3	2.6	1.1	.1													56	56	64	39
34 / 33		5.1	3.2	.1														78	78	70	40
32 / 31		4.6	2.3	.8	.1													72	72	99	65
30 / 29		2.3	2.6	.3														48	48	68	86
28 / 27		2.8	1.5	.2														42	42	49	88
26 / 25	.2	2.3	1.0															32	32	57	55
24 / 23		3.2	1.1															40	40	34	54
22 / 21	.1	2.0	.5															25	25	37	52
20 / 19	.3	2.7	.2															30	30	30	42
18 / 17	.1	.8	.1															9	9	35	40
16 / 15	.1	.4																5	5	7	36
14 / 13		.3																3	3	3	36
12 / 11		.2																2	2	2	19
10 / 9																				2	20
8 / 7																					7
6 / 5																					5
4 / 3	.1																	1	1	1	2
2 / 1	.2																	2	2	2	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ -1																					1
- / -3																					2
TOTAL	2.	44	3.9	27.	41	3.5	8.2	4.3	.3									930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5041656	67196	72.3	14.168	930							
Dry Bulb	1511632	35774	38.5	12.078	930		31.1	.1				93
Wet Bulb	1258660	32644	35.1	11.020	930		42.6					93
Dew Point	963602	27726	29.8	12.144	930	.3	61.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75							.1	.1										2	2		
74/ 73							.2			.3								5	5		
72/ 71					.2		.2	.2	.4									10	10		
70/ 69			.1	.1	.1	.5	.7	.4		.1								16	16		
68/ 67			.2	.1	.4	.4	.4	.4	.1	.1								21	21		
66/ 65			.2	.3	.6	.5	.1	.2			.1							20	20	1	
64/ 63		.1	.1	.1		.6	.5	.2	.1									17	17	9	1
62/ 61		.2	.5	.1	.4	.3	.6	.3	.1	.1								26	26	8	4
60/ 59		.9	.4	.2	.4	1.0	.8	.2	.1	.1								38	38	21	5
58/ 57		.6	.4	.3	.9	.9	.5		.2									34	34	32	9
56/ 55	.1	.5	.3	.2	1.2	.8	.3	.3										35	35	34	25
54/ 53		1.1	1.0	.5	1.2	1.0	.6	.2										52	52	20	17
52/ 51		.2	1.1	.3	1.2	1.0	.6	.2										43	43	33	20
50/ 49		1.6	.9	.5	.5	.9	.1											42	42	55	14
48/ 47		.5	.2	.6	1.3	.4	.3											32	32	47	35
46/ 45		1.0	.8	1.1	1.2	.5	.1											43	43	37	34
44/ 43		1.3	1.1	.9	1.1	.6	.2											48	48	51	31
42/ 41		1.0	1.3	1.6	1.6	.3												54	54	43	48
40/ 39		1.3	2.6	1.6	.8	.3												61	61	62	24
38/ 37	.1	1.4	1.3	1.4	.8	.3												49	49	53	42
36/ 35		1.1	1.7	1.6	.4	.1												46	46	70	50
34/ 33		4.9	1.6	1.5	.2													77	77	62	38
32/ 31		2.3	1.0	1.5	.2													46	46	91	55
30/ 29		1.6	1.4	.5														33	33	50	100
28/ 27		1.0	1.1	.5														24	24	38	60
26/ 25		.8	1.3	.5														24	24	41	57
24/ 23		.5	1.1															15	15	27	31
22/ 21		.4	.5															9	9	21	38
20/ 19		.2	.1															3	3	15	42
18/ 17		.1																1	1	3	37
16/ 15		.1																1	1	3	32
14/ 13		.1																1	1		24
12/ 11		.1																1	1	1	15
10/ 9																				1	18

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 7		.1																1	1		15
/ 5																				1	8
/ 1																					1
TOTAL		.2	25.1	22.0	16.3	14.7	10.5	6.2	2.9	1.1	.8	.1							930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3927355	58091	62.5	17.934	930							
Dry Bulb	2012096	41612	44.7	12.716	930		15.9	5.4	.7			93
Wet Bulb	1538301	36447	39.2	10.878	930		29.2					93
Dew Point	1073113	29361	31.6	12.543	930		53.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 81									.1			.1							2	2		
[illegible] / 79							.1		.1	.2		.1							5	5		
78 / 77								.1	.4	.1	.1	.1							8	8		
76 / 75						.1	.2		.6		.2								11	11		
74 / 73					.1	.2	.1	.1	.6	.1	.8								19	19		
72 / 71				.3	.2	.1	1.4	.3	.5	.3	.1								31	31		
70 / 69					.4		.9	.5	.2			.1							20	20		
68 / 67					.3	.2	.5	1.0		.4									23	23	1	
66 / 65					.4	.4	.8	.5	.9	.2	.6								36	36	7	
64 / 63			.3	.5	.3	.3	.6	.6	1.0	.2	.2								39	39	9	
62 / 61		.1	.4	.2	.2	.3	.8	1.3	.3	.3									37	37	18	4
60 / 59		.2	.3	.6	.2	.4	.6	.6	.6										35	35	27	3
58 / 57	.1	.6	.4	.3	.2	.5	1.1		.4										35	35	41	10
56 / 55	.2	.3	.3	.3	.4	1.0	.6	.5	.1										36	36	36	22
54 / 53		.6	.6	.2	.6	.9	1.3	.4	.1										45	45	49	19
52 / 51		.3	1.0	.9	.5	.4	1.1	.5											44	44	27	24
50 / 49		1.0	.5	.6	.6	1.6	.9	.1											50	50	50	35
48 / 47	.1	.8	1.4	.5	1.2	1.0	.4	.3											53	53	66	30
46 / 45		.2	.9	.9	.9	1.0	1.0	.1											45	45	55	36
44 / 43		.2	.8	.9	.9	1.1	.2												37	37	45	25
42 / 41		1.3	.9	1.5	1.6	.5	.2												56	56	53	37
40 / 39		.4	2.0	.5	1.5	.5													47	47	66	42
38 / 37		.5	.9	1.2	1.2	.1													36	36	49	46
36 / 35		1.7	1.1	.9	.4	.1													39	39	68	41
34 / 33		2.7	.8	1.5	.5														51	51	63	41
32 / 31		1.1	1.5	.3	.2														29	29	69	67
30 / 29		.6	1.0	1.1	.2														27	27	37	78
28 / 27		.5	.5	.4															14	14	31	46
26 / 25		.3	.8	.1															11	11	23	49
24 / 23		.1	.5																6	6	22	31
22 / 21			.1																1	1	13	43
20 / 19		.1	.1																2	2	3	51
18 / 17																					2	45
16 / 15																						27

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1[illegible] / 13																					23
1 / 11																					19
[illegible] / 9																					16
- / 7																					13
[illegible] / 5																					4
. / 1																					2
/ -1																					1
TOTAL	.4	13.9	17.1	13.9	13.3	10.9	12.8	7.2	6.1	1.9	2.0	.4							930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	3066790	50132	53.9	19.805	930							
Dry Bulb	2473893	46305	49.8	13.462	930		9.0	11.9	4.5	.5		93
Wet Bulb	1742628	39016	42.0	10.672	930		20.0	.1				93
Dew Point	1098150	29686	31.9	12.731	930	.1	51.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 81									.1		.2	.1	.3					7	7		
/ 79									.3	.2								5	5		
7[illegible] / 77								.3	.2	.2		.1						8	8		
76 / 75							.1	.3	.8	.1	.1							13	13		
74 / 73						.5	.2	.6	.6	.5	.3	.1						28	28		
72 / 71					.2	.2	.4	.3	.3	.1	.2	.3						20	20		
[illegible] / 69				.1	.2	.3	.4	.6	.5	.4	.1							26	26		
6[illegible] / 67			.2			.5	.5	1.1	.8	.3								32	32		
66 / 65				.2	.2	.2	.2	.8	.4	.4	.4							27	27	3	
64 / 63			.2	.5	.1	.1	.4	1.2	1.5	1.0	.4							51	51	19	
62 / 61		.1		.8	.2	.2	.5	1.5	.6	.5								42	42	15	3
[illegible] / 59		.3	1.0	.4	.1	.2	.4	.2	.9									33	33	33	
58 / 57	.2	.2	.5	.4	.2	1.1	.4	.8	.4									40	40	29	12
56 / 55		.3	.2	.1	.4	.5	.8	.8	.2									31	31	45	19
54 / 53	.3	.6		.9	.8	.6	1.0	1.1	.5									54	54	44	24
52 / 51		.2	.4	1.0	.6	.8	1.5	1.0	.1									52	52	43	33
50 / 49		.5	.2	.4	.8	1.5	.8	.4										43	43	32	25
48 / 47		.9	.4	.5	1.5	.6	1.3	.1										50	50	66	24
46 / 45		.8	.5	.9	1.2	1.3	1.1											53	53	58	20
44 / 43		.3	.9	1.0	.9	.9	.2											38	38	58	28
42 / 41		.6	.3	.4	1.2	1.1	.4											38	38	51	41
40 / 39		.3	1.4	.3	1.6	.8												41	41	71	36
38 / 37		.6	.9	1.1	1.0	.3												36	36	49	44
36 / 35		1.8	1.5	.4	.4	.3												42	42	63	43
34 / 33	.1	2.0	1.0	1.7	.2													47	47	65	28
32 / 31		.6	1.2	.5	.2	.1												25	25	60	80
30 / 29		.6	.3	.9	.2													19	19	38	62
28 / 27		.6	.5	.4														15	15	35	57
26 / 25		.5	.6															11	11	16	41
24 / 23		.2																2	2	24	45
22 / 21		.1																1	1	10	51
20 / 19																				1	49
18 / 17																					49
16 / 15																					42

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1[illegible] / 13																					16
1 / 11																					20
[illegible] / 9																					14
[illegible] / 7																					14
[illegible] / 5																					7
/ -1																					2
- / -3																					1
TOTAL	.6	12.6	12.4	13.0	12.3	12.3	10.8	11.1	8.4	3.9	1.8	.6	.3					930			930
																	930		930		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2766906	47014	50.6	20.495	930							
Dry Bulb	2590390	47462	51.0	13.455	930		7.3	13.9	6.1	1.0		93
Wet Bulb	1768761	39379	42.3	10.444	930		18.4					93
Dew Point	1054310	28990	31.2	12.734	930	.3	55.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424D STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | MAR 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
8 / 79												.1	.1					2	2		
78/ 77										.1								1	1		
76/ 75								.1	.2		.1	.1						5	5		
74/ 73						.2	.2	.3	.1									8	8		
72/ 71						.3	.2	.1		.3	.1							10	10		
7 / 69					.1		.4	.8	.1	.1	.1							15	15		
68/ 67			.1		.1	.3	.5	.3	.4	.2								19	19		
66/ 65		.1	.1	.1	.4	.1	.9	.5	.1									22	22		
64/ 63		.1		.6	.4	.4	.9	.3	.4									30	30	5	
62/ 61		.1	.6	.6	.2	.9	.5	.6	.2									36	36	10	2
60/ 59		.3	.3	.2	.5	.8	1.0	.8	.2	.2								40	40	15	1
58/ 57	.2	.5	.6	.4	.4	.2	.9	.5	.2									38	38	32	9
56/ 55		.6	.8	.1	.5	1.0	1.1	.6	.4									48	48	31	14
54/ 53		.5	.2	.4	.6	.9	1.3	.3	.1									41	41	45	25
52/ 51		.4	.3	.4	.4	1.1	.6	.3										34	34	42	17
50/ 49		.8	.9	1.0	.8	1.6	1.3	.1										59	59	32	26
48/ 47		1.2	.3	.2	1.6	1.4	1.2											55	55	42	23
46/ 45		.5	.3	1.6	1.5	1.3	.2											51	51	62	29
44/ 43		1.4	1.2	1.1	1.2	1.5												59	59	41	28
42/ 41		.3	1.1	1.3	2.0	.8	.1											52	52	60	39
4 / 39		.3	1.1	.8	1.0	.8												36	36	79	37
38/ 37	.1	.4	.9	1.3	1.2	.2												38	38	56	38
36/ 35		2.0	2.0	1.7	1.0	.1												64	64	68	27
34/ 33		2.4	1.3	1.4	.2	.1												50	50	60	44
32/ 31		.6	.5	1.0	.2													22	22	69	71
3 / 29		1.6	1.0	1.1														34	34	58	77
28/ 27	.1	.5	1.7	.6	.1													29	29	35	60
26/ 25		1.1	1.0	.3														22	22	31	44
24/ 23		.2	.3															5	5	33	51
22/ 21			.1															1	1	15	51
2 / 19		.3	.1															4	4	6	53
18/ 17																				3	43
16/ 15																					43
14/ 13																					25

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					23
10/ 9																					10
8/ 7																					11
6/ 5																					4
4/ 3																					1
2/ 1																					4
TOTAL	.4	16.6	16.9	16.3	14.6	13.9	11.3	5.8	2.6	1.0	.3	.2	.1					930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3263377	52089	56.0	19.296	930							
Dry Bulb	2192764	43660	46.9	12.411	930		11.7	6.0	1.6	.1		93
Wet Bulb	1585337	37203	40.0	10.223	930		25.0					93
Dew Point	1006298	28378	30.5	12.292	930		57.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 71					.1	.1		.3										5	5		
70 / 69					.1	.3	.1	.1	.1	.1	.1							9	9		
68 / 67						.3	.3	.1	.5									12	12		
66 / 65					.1	.3	.6	.2										12	12		
64 / 63				.2	.2	.2	.2		.1									9	9	2	
62 / 61		.5	.2	1.0	.3	.5	.4											28	28	1	
60 / 59		.8	.8	.2	.6	.8	.5	.3										37	37	11	1
58 / 57		.9	.8	.1	.6	.5	.6											33	33	25	13
56 / 55		.9	.2	.6	.6	.6	.3											31	31	28	6
54 / 53	.1	.6	.3	.9	1.2	.9	1.0	.1										47	47	38	29
52 / 51	.3	.5	.6	.1	1.2	1.1	.4											40	40	30	21
50 / 49		.9	.4	.4	.9	.8	.5	.1										37	37	30	15
48 / 47		1.1	.9	.3	1.1	1.3	.2											45	45	44	19
46 / 45		1.1	.8	.9	1.5	1.3												51	51	44	32
44 / 43	.1	1.2	.9	1.8	1.2	.6												54	54	42	30
42 / 41		1.1	2.2	1.7	1.3	.2												60	60	50	33
40 / 39		1.2	1.8	1.6	2.0	.1												63	63	48	36
38 / 37		.6	1.3	1.7	1.6	.2												51	51	86	31
36 / 35		2.7	2.3	1.8	.2													65	65	59	36
34 / 33		3.8	1.4	1.7														64	64	79	55
32 / 31		.5	2.0	1.1	.1													35	35	63	73
30 / 29	.1	1.0	1.8	.8														34	34	51	62
28 / 27	.1	1.9	1.8	.5														41	41	49	66
26 / 25		1.6	2.0	.1														35	35	39	47
24 / 23		.8	1.1															17	17	48	52
22 / 21		.4	.5															9	9	23	54
20 / 19																				12	56
18 / 17		.1	.1															2	2	3	51
16 / 15		.3																3	3	3	39
14 / 13		.1																1	1	1	32
12 / 11																				1	13
10 / 9																					14
8 / 7																					7
6 / 5																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 3																				2
-/ 1																				4
TOTAL	.3	24.	52	4.2	17.	6	15.	1	10.2	5.4	1.3	.8	.1	.1				930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3955492	58418	62.8	17.545	930							
Dry Bulb	1853890	40064	43.1	11.736	930		17.7	2.6				93
Wet Bulb	1430178	35210	37.9	10.225	930		31.3					93
Dew Point	985632	28150	30.3	11.991	930		57.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 81									.0		.0	.0	.0					9	9		
[illegible] / 79							.[illegible]		.1	.1		.0	.0					12	12		
7[illegible] / 77								.1	.1	.1	.0	.0						17	17		
[illegible] / 75						.0	.1	.1	.2	.0	.1	.0						31	31		
[illegible]4 / 73					.0	.1	.1	.1	.2	.1	.1	.0						60	60		
[illegible] / 71				.0	.1	.1	.3	.2	.2	.1	.1	.0						80	80		
[illegible] / 69			.0	.0	.1	.2	.3	.3	.1	.1	.0	.0						88	88		
6[illegible] / 67			.1	.0	.1	.3	.3	.4	.2	.1								115	115	1	
[illegible]6 / 65		.0	.1	.2	.3	.3	.4	.3	.2	.1	.2							144	144	11	
[illegible]4 / 63		.0	.1	.3	.4	.4	.3	.3	.4	.2	.1							177	177	45	1
[illegible]2 / 61		.3	.5	.4	.4	.5	.4	.5	.2	.1								231	231	59	13
[illegible] / 59		.6	.7	.3	.4	.4	.4	.3	.2	.0								251	251	131	22
[illegible] / 57	.1	.6	.6	.3	.5	.6	.5	.2	.2									255	255	217	77
5[illegible] / 55	.1	.7	.4	.4	.6	.6	.5	.3	.1									268	268	261	118
[illegible]4 / 53	.1	.9	.5	.6	.7	.7	.7	.3	.1									322	322	264	172
[illegible]2 / 51	.1	.5	.7	.5	.9	.6	.6	.3	.0									294	294	241	186
50 / 49	.[illegible]	1.0	.4	.7	.6	.9	.5	.1										309	309	272	181
[illegible] / 47	.[illegible]	1.2	.6	.7	1.2	.7	.4	.1										352	352	355	186
[illegible] / 45	.[illegible]	.9	.5	1.1	1.1	.9	.3	.0										351	351	351	254
[illegible]4 / 43	.[illegible]	.9	.8	1.2	1.1	.7	.1											353	353	342	218
[illegible]2 / 41	.[illegible]	1.0	1.1	1.5	1.4	.4	.1											395	395	339	243
[illegible] / 39	.[illegible]	1.2	1.9	1.3	1.2	.3												428	428	448	231
3[illegible] / 37	.1	1.3	1.3	1.3	.8	.2												365	365	467	307
[illegible] / 35		2.0	2.1	1.3	.4	.1												426	426	524	314
3[illegible] / 33	.[illegible]	3.6	1.8	1.3	.2	.0												501	501	523	316
[illegible]2 / 31		1.9	1.5	.9	.1	.0												322	322	622	500
[illegible] / 29	.[illegible]	1.5	1.5	.7	.1													269	269	427	582
2[illegible] / 27	.[illegible]	1.6	1.3	.4	.[illegible]													242	242	332	509
[illegible] / 25	.1	1.4	1.4	.2														213	213	298	411
2[illegible] / 23		1.4	.7	.0														150	150	255	359
[illegible]2 / 21	.[illegible]	1.0	.3															95	95	199	407
[illegible] / 19	.1	.8	.1															73	73	127	374
1[illegible] / 17	.[illegible]	.3	.0															28	28	76	345
1[illegible] / 15	.[illegible]	.2																15	15	28	308

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72624[illegible] | FT KNOX/GODMAN AAF KY | 65-70,75-78 | MAR
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14 / 13		.1																6	6	8	220
12 / 11		.0																3	3	4	145
10 / 9																				3	119
8 / 7		.0																1	1		80
6 / 5																				1	33
4 / 3	.0																	1	1	1	5
2 / 1	.0																	2	2	2	11
0 / -1																					4
- / -3																					3
TOTAL	.8	26.9	21.0	15.5	12.8	8.9	6.2	3.8	2.4	1.0	.6	.2	.1						7254		7254
																		7254		7254	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	30536992	449560	62.0	19.208	7254							
Dry Bulb	15513966	321342	44.3	13.279	7254		145.6	42.3	13.2	1.6		744
Wet Bulb	11675248	279958	38.6	10.956	7254		244.4	.1				744
Dew Point	7933137	222463	30.7	12.368	7254	.7	452.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-77 YEARS | APR 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	.1	.1		.1	.1													4	4	1	1
72/ 71	.1		.2	.1	.1		.2											7	7	2	2
70/ 69			.1	.4	.1	.7	.1											12	12		
68/ 67	.1			.4	.4	.7	.5		.1									18	18	5	1
66/ 65	.2	.4	.1	1.6	.6	2.0	.6	.1										46	46	8	3
64/ 63	.1	1.1	1.5	1.2	1.1	1.9	.6	.1										62	62	4	8
62/ 61	.1	1.1	3.8	1.0	1.1	1.1	.2											69	69	23	8
60/ 59	.1	1.2	1.1	1.0	1.9	1.1	.4	.1										56	56	52	17
58/ 57	.1	1.1	1.2	1.0	1.4	1.1	.1	.1										50	50	66	34
56/ 55		.7	.5	.9	.9	.9	.2											33	33	46	50
54/ 53		.5	1.1	.7	.6	1.1	.1											34	34	65	29
52/ 51		.4	1.4	.6	2.2	1.1												46	46	40	31
50/ 49		.7	1.0	1.4	1.1	.7												40	40	43	30
48/ 47	.2	.7	1.4	1.4	.2	.7												36	38	42	53
46/ 45		1.9	1.9	2.1	.7	.4												56	56	32	42
44/ 43		1.2	2.8	1.6	1.2	.1												57	57	66	43
42/ 41		2.6	2.2	2.0	1.0													63	63	63	53
40/ 39		.4	3.0	2.0	1.4													54	54	64	29
38/ 37		.4	1.1	2.0	.2													30	30	53	54
36/ 35		.2	1.2	1.1														21	21	43	66
34/ 33		.2	.7	.4														11	11	45	40
32/ 31				.1														1	1	37	45
30/ 29			.1															1	1	5	39
28/ 27		.1																1	1	3	28
26/ 25																				2	34
24/ 23																					31
22/ 21																					24
20/ 19																					10
18/ 17																					5
TOTAL	1.4	15.2	26.5	23.0	16.4	13.7	3.2	.5	.1										810		810
																		810		810	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3768667	53899	66.5	15.004	810							
Dry Bulb	2275653	42171	52.1	9.951	810		.3	4.6	.4			90
Wet Bulb	1834526	37782	46.6	9.447	810		5.2	.9	.1			90
Dew Point	1444359	32941	40.7	11.377	810		24.0	.4	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
APR — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 69	.4		.2	.2		.9												14	14	3	3
68 / 67			.1	.2	.1	.4	.1											8	8		
66 / 65		.6		1.2	.1	.5				.1								21	21	6	1
64 / 63		1.0	.7	1.0	.6	1.0												35	35	5	6
62 / 61	.1	2.5	1.7	.9	2.1	.7	.1	.2										68	68	17	6
60 / 59	.1	1.8	2.2	1.6	1.0	.5	.5											63	63	44	14
58 / 57	.5	1.1	1.6	2.1	1.8	1.1	.1											68	68	54	39
56 / 55	.2	.9	1.0	1.0	.7	.6												36	36	46	37
54 / 53	.1	.7	1.2	1.0	.9	.1	.1											34	34	55	37
52 / 51		.5	.9		.5	.2												17	17	50	32
50 / 49		1.2	1.0	1.1	1.5	.7												45	45	38	34
48 / 47	.1	1.5	1.5	2.1	1.0	.1	.1											52	52	46	39
46 / 45		1.8	1.0	1.6	.9	.5												47	47	32	52
44 / 43	.1	1.7	2.7	1.5	.7	.1												56	56	46	37
42 / 41		2.0	3.2	1.4														53	53	60	43
40 / 39	.1	2.1	3.3	1.0	.5													57	57	64	35
38 / 37		1.6	2.8	1.5	.2													50	50	64	49
36 / 35		.9	2.6	1.5														40	40	54	53
34 / 33		.9	2.1	.7														30	30	34	55
32 / 31		.4	.7	.1														10	10	52	53
30 / 29			.4															3	3	28	39
28 / 27		.1	.2															3	3	6	40
26 / 25		.1																1	1	5	35
24 / 23																				2	22
22 / 21																					24
20 / 19																					14
18 / 17																					7
16 / 15																					3
14 / 13																					2
TOTAL	1.8	23.4	31.3	21.7	12.7	7.5	1.1	.2		.1									811		811
																		811		811	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4194674	57154	70.51	14.352	811							
Dry Bulb	2076802	40202	49.61	10.181	811		1.9	2.4				90
Wet Bulb	1723986	36550	45.1	9.735	811		10.3	.3				90
Dew Point	1396276	32348	39.91	11.441	811		26.5	.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.2	.1			.1											4	4		
72/ 71		.1		.3	.3													7	7	1	
70/ 69		.1	.2		.1	.7		.1										11	11	3	3
68/ 67			.3	.8	.8	.4	.2	.1	.1									25	25	3	1
66/ 65		.2	.3	1.1	.7	.6	.3	.1	.2									32	32	6	1
64/ 63		.7	.8	1.2	.7	1.3	.1	.3										46	46	9	7
62/ 61	.1	2.2	1.0	.9	1.3	.3	.6	.1										59	59	23	7
60/ 59	.1	1.7	1.8	1.0	1.3	.6	.1	.2										61	61	53	24
58/ 57	.4	1.9	1.3	1.1	.8	.8	.2	.1										60	60	53	45
56/ 55	.1	.9	1.2	1.0	1.0	.8	.1											46	46	60	33
54/ 53		.4	1.1	.7	1.6	.9	.2											44	44	47	45
52/ 51		.9	2.0	.8	1.3	.8	.3											55	55	50	31
50/ 49		1.4	.7	2.1	1.7	.4												57	57	42	42
48/ 47		.9	1.6	2.8	.9	.2												57	57	57	32
46/ 45		1.2	1.9	2.4	1.1	.2												62	62	52	65
44/ 43	.2	.9	2.2	2.3	.7	.2												59	59	75	36
42/ 41	.1	1.6	1.7	2.1	.4		.1											54	54	74	33
40/ 39		.8	2.7	.8	.1													39	39	60	63
38/ 37		1.9	3.1	.7														51	51	63	43
36/ 35		.4	1.4	1.4														30	30	59	78
34/ 33		.2	1.6	.6														21	21	43	54
32/ 31		.3	.7	.3														12	12	26	64
30/ 29			.3															3	3	21	56
28/ 27			.2															2	2	11	48
26/ 25		.1	.2															3	3	5	29
24/ 23																				4	11
22/ 21																					21
20/ 19																					10
18/ 17																					10
16/ 15																					3
14/ 13																					3
12/ 11																					1
10/ 9																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	18.9	28.6	24.6	14.8	8.2	2.4	1.1	.3									900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4398245	61489	68.3	14.812	900							
Dry Bulb	2414597	45721	50.8	10.112	900		2.0	4.7	.4			90
Wet Bulb	1969588	41212	45.8	9.576	900		6.7	.7				90
Dew Point	1568700	36164	40.2	11.337	900		25.7	.4				90

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

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

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY — 65-70,75-78 — APR

STATION — STATION NAME — YEARS — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 81					.2			.1	.1									4	4		
[illegible]/ 79				.2					.6		.3							10	10		
7[illegible]/ 77				.1		.1	.3	.4	.9	.3								20	20		
76/ 75			.1		.1	.4	.7	.3	.9	.4								27	27		
74/ 73				.2	.4	.9	.2	1.0	.2	.2								29	29	4	
[illegible]2/ 71				.1	.8	.8	.7	.9	1.1	.4	.1							44	44	2	2
[illegible]/ 69			.2	.1	1.0	.9	.6	1.4	.4	.2	.2							46	46		4
[illegible]/ 67			.7	.7	1.2	1.7	.7	.6	.6	.1	.1							56	56	6	
[illegible]6/ 65		.1	1.2	.9	.7	.7	.9	1.1	.4	.3								57	57	22	
[illegible]4/ 63		1.0	1.2	.8	.3	.6	.7	.7	.2									49	49	38	8
[illegible]2/ 61	.1	.3	1.0	.4	.3	1.1	1.3	.9	.4									58	58	61	17
[illegible]0/ 59	.1	.6	1.1	.6	.6	.8	.9	.7	.1									48	48	74	34
[illegible]8/ 57		.6	.9	.4	.8	1.0	1.0	.7	.1									49	49	70	46
56/ 55		.3	1.1	1.0	1.1	1.9	1.7	.2										66	66	47	44
[illegible]4/ 53		.6	.2	.8	1.4	1.3	.7	.3										48	48	56	38
[illegible]2/ 51		.9	1.0	.3	2.0	1.0	.8											54	54	47	47
5[illegible]/ 49		.6	1.2	1.4	1.3	1.3	.4											57	57	60	39
[illegible]8/ 47			.9	1.2	1.7	1.1		.1										45	45	68	45
[illegible]6/ 45		.7	.4	1.7	1.9	.3		.1										46	46	65	51
[illegible]4/ 43		.4	.8	.4	.7	.3												24	24	77	44
[illegible]2/ 41		.1	.2	.8	.3	.2												15	15	49	53
4[illegible]/ 39		.2	.6	.6	.6	.1												18	18	54	40
3[illegible]/ 37		.6	1.0	.2	.4													20	20	36	46
[illegible]6/ 35		.2	.3	.1	.1													7	7	21	63
34/ 33				.1														1	1	26	60
[illegible]2/ 31				.2														2	2	8	41
3[illegible]/ 29																				5	56
2[illegible]/ 27																				3	39
[illegible]6/ 25																				1	28
24/ 23																					17
[illegible]2/ 21																					11
[illegible]0/ 19																					6
[illegible]8/ 17																					11
[illegible]6/ 15																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424C	FT KNOX/GODMAN AAF KY	65-70,75-78	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
14/ 13																					4
1 / 11																					3
1 / 9																					1
TOTAL	.2	7.6	14.2	13.4	18.0	16.6	11.4	9.6	6.1	2.1	.8								900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3092106	50358	56.0	17.471	900							
Dry Bulb	3176645	52595	58.4	10.707	900		.2	23.6	9.0	1.0		90
Wet Bulb	2332872	45062	50.1	9.235	900		1.7	1.2	.4			90
Dew Point	1678115	37399	41.6	11.745	900		21.9	.6				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]6/ 85						.3			.1		.1	.1						6	6		
[illegible]4/ 83					.1	.2			.3	.3	.2	.2						13	13		
[illegible]2/ 81								.2	.8	1.2	1.4	.6						38	38		
[illegible]0/ 79								.6	1.2	1.2	.8		.1					35	35		
78/ 77						.1	.2	.4	.4	.8	2.1	.6		.1				43	43		
76/ 75						.1	.1	.9	.3	1.2	1.2	.6	.2					42	42	4	
[illegible]4/ 73				.3	.1	.7	.2	.6	1.1	.7	.7	.1						40	40	2	1
72/ 71			.1	.3	.7	.4	.9	.9	1.1	.9	.2							50	50		2
[illegible]/ 69			.3	.6	1.1	.6	.3	.9	.7	.7	.1							47	47	4	3
[illegible]/ 67			.9	.6	1.0	.6	.8	1.3	1.0	1.2	.1							67	67	14	
[illegible]6/ 65		.8	.7	.8	.4	.6	.7	.8	1.4	.4								59	59	37	
[illegible]4/ 63		.1	.8	.2	.1	.4	1.1	.6	1.6	.4	.1							49	49	70	11
[illegible]2/ 61		.9	.6	.4	.7	1.0	1.0	1.4	1.3	.2								68	68	79	21
[illegible]0/ 59		.7	.7	.7	.7	.6	1.6	1.2	.7									60	60	74	31
[illegible]8/ 57		.1	1.0		.3	1.2	1.7	.4	.1									44	44	59	40
56/ 55		.7	.3	.4	.1	.8	2.0	.3										42	42	59	57
[illegible]4/ 53			.2	.2	.4	1.2	1.1	.4										33	33	71	34
[illegible]2/ 51		.3	.3	.4	.1	1.6	1.1	.4										39	39	52	38
50/ 49		.1	.6	.8	.8	.6	.8											32	32	56	40
[illegible]/ 47		.3	.3	1.0	.8	.1	.3											26	26	63	54
[illegible]/ 45		.4	.3	.7	.4	.1	.2											20	20	70	70
[illegible]4/ 43		.2	.8	.3	.2	.6												19	19	54	43
[illegible]2/ 41		.3	.3	.4	.1	.2												13	13	42	41
[illegible]/ 39		.1	.4	.6	.1	.1												12	12	42	38
[illegible]/ 37			.2															2	2	18	41
[illegible]/ 35																				17	58
[illegible]/ 33		.1																1	1	8	50
[illegible]/ 31																				4	71
[illegible]/ 29																				1	40
[illegible]/ 27																					31
[illegible]/ 25																					28
[illegible]/ 23																					13
[illegible]/ 21																					18
[illegible]/ 19																					13

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 17																					5
14/ 15																					6
12/ 11																					2
TOTAL		5.2	8.9	8.8	8.6	12.1	15.1	10.9	13.4	10.7	4.9	1.2	.2					900		900	
																	900		900		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	Total
Ref. Hum.	2390591	43269	48.1	18.580	900							
Dry Bulb	3762902	57330	63.7	11.111	900			38.1	21.7	7.6		9
Wet Bulb	2559351	47331	52.6	8.838	900		.5	2.4	.6			9
Dew Point	1704359	37717	41.9	11.731	900		22.7	.6	.1			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
APR — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1			.2	.3	.1						7	7		
84/ 83					.2		.2	.2	.2	.2	.2	1.3	.2					26	26		
82/ 81				.1			.2	.1	.7	.3	2.1	.8						39	39		
80/ 79						.1		.6	.7	.7	1.4	.2	.1					34	34		
78/ 77						.1	.3	.2	.4	1.8	1.0	.2						37	37		
76/ 75					.2	.3	.8	.2	1.0	1.4	1.2	.6						52	52	3	
74/ 73				.1	.1	.9	.7	.4	1.0	.6	.6	.6						44	44	2	3
72/ 71			.3	.3	.8	1.0	.3	.6	.8	.3	.1							41	41	1	
70/ 69			.1	.8	.9	.9	.6	.8	.7	1.2	.4	.2						59	59	5	
68/ 67		.1	.7	.1	.9	.4	.8	1.3	2.0	1.1	.2							69	69	15	4
66/ 65		.2	.8	.8	.8	.9	.7	.8	1.4	1.0	.2							68	68	34	3
64/ 63		.6	.2	1.3	.3	.6	.7	1.4	2.0	.4								68	68	68	11
62/ 61		.1	.6	.7	.6	.2	1.3	1.4	1.2	.1								56	56	77	26
60/ 59		1.0	.6	.2	.3	.2	2.1	1.3	.2	.1								55	55	78	20
58/ 57		.4	.4	.2	.3	.2	.7	.8	.1									29	29	76	32
56/ 55		.2	.1	.6	.2	.9	1.8	1.0										43	43	63	64
54/ 53			.2	.4	.1	2.0	.9	1.2	.1									45	45	57	43
52/ 51		.3	.3	.9	.9	.3	1.0	.3										37	37	55	21
50/ 49		.1	.3	1.0	.4	.2	.2	.2										23	23	70	42
48/ 47		.2	.2	.4	.7													14	14	73	52
46/ 45		.3	.2	.3	.2	.1	.4											15	15	60	59
44/ 43		.3	.3	.6	.2	.4												17	17	53	53
42/ 41		.4	.4	.3	.4													15	15	45	41
40/ 39		.2	.4	.1														6	6	29	36
38/ 37			.1															1	1	14	52
36/ 35																				15	71
34/ 33																				7	52
32/ 31																					56
30/ 29																					50
28/ 27																					28
26/ 25																					26
24/ 23																					14
22/ 21																					21
20/ 19																					6

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | APR MONTH

1500-170 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
18/ 17																						
16/ 15																						
14/ 13																						
12/ 11																						
TOTAL		4.6	6.4	9.3	8.7	9.9	13.8	13.0	12.6	9.6	7.9	4.0	.3						900	900	900	90

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tota
Rel. Hum.	2239208	41600	46.2	18.759	900							
Dry Bulb	3887988	58356	64.8	10.765	900			40.8	23.9	8.8		
Wet Bulb	2595566	47732	53.0	8.442	900			2.6	.5			
Dew Point	1691438	37586	41.8	11.638	900		21.5	.7	.3			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 APR
STATION STATION NAME YEARS MONTH

 1800-200[illegible]
HOURS (L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
[illegible]/ 81							.1		.1	.2	.2	.1						7	7		
[illegible]/ 79				.1		.2		.1	.1	.9	.2	.2						17	17		
7[illegible]/ 77			.2		.1	.2	.1	.2	.6	.8	.1							21	21		
76/ 75						.1	.4	.7	.9	1.1	.2							31	31	1	
74/ 73			.1	.1	.1	1.1	.3	1.0	1.2	.2	.2							40	40	2	
72/ 71					.2	.8	.4	1.4	1.0	.3								38	38	3	
[illegible]/ 69		.3	.2	.6	1.0	.8	.8	1.6	.6	.6	.3							60	60	2	
6[illegible]/ 67			.1	.2	1.3	.2	1.4	1.1	.7	.4	.1							51	51	7	
66/ 65		.1	1.2	1.2	.4	1.1	.9	1.3	.6	.4								66	66	11	
64/ 63		1.2	.6	1.3	.4	.9	1.0	1.0	1.3	.1								71	71	33	
62/ 61	.1	.3	1.3	.4	.6	.3	.9	1.1	.9									54	54	74	
[illegible]/ 59		1.0	1.7	.7	.3	.9	2.3	1.2	.4									77	77	71	
58/ 57		.4	1.0	.1	.6	1.0	1.4	1.1	.3									54	54	83	
5[illegible]/ 55		.1	.9	.4	.3	1.4	1.2	.8										47	47	65	
[illegible]/ 53			.7	.6	1.1	.9	1.1	.6										44	44	69	
[illegible]/ 51		.2	.4	1.1	1.4	1.8	.7	.1										52	52	42	
5[illegible]/ 49		.2	1.1	1.3	.8	.9	.7	.2										47	47	54	
[illegible]/ 47		.7	.2	.9	.8	1.1	.2											35	35	73	
4[illegible]/ 45		.3	.8	1.4	.4	.2	.1											30	30	89	
[illegible]/ 43		.8	.1	.9	.1	.2												19	19	53	
[illegible]/ 41		.4	.1	.6	.4	.2												16	16	67	
[illegible]/ 39		.3	.2	.4	.4													13	13	37	
3[illegible]/ 37		.4		.1	.1													6	6	27	
3[illegible]/ 35			.2	.1														4	4	17	
3[illegible]/ 33																				14	
32/ 31																				5	
[illegible]/ 29																				1	
2[illegible]/ 27																					
26/ 25																					
24/ 23																					
[illegible]2/ 21																					
2[illegible]/ 19																					
1[illegible]/ 17																					
1[illegible]/ 15																					

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
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
14/ 13																					2
TOTAL	.1	7.0	11.3	12.7	11.1	14.4	14.2	13.6	8.7	5.1	1.4	.3						900	900	900	900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2818402	47518	52.8	18.556	900							
Dry Bulb	3381019	54403	60.4	10.142	900			26.5	11.6	1.7		90
Wet Bulb	2406289	45905	51.0	8.495	900		.6	1.5	.3			90
Dew Point	1673071	37433	41.6	11.367	900		20.7	.6	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

72524C STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | APR MONTH

 2100-230 HOURS (L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
78/ 77				• 2	• 1			• 1										4	4		
76/ 75		• 1	• 2		• 1	• 1	• 1											6	6		
74/ 73				• 2	• 2		• 1	• 3										8	8	4	
72/ 71				• 1	• 7	• 3	1.0	• 2	• 1									22	22	2	
70/ 69			• 2	• 2	• 4	• 9	1.7	• 4	• 1									36	36		
68/ 67		• 3	• 1	• 3	• 6	• 6	1.7	• 8	• 2									41	41	6	
66/ 65			• 8	1.1	• 4	2.0	1.0	• 8		• 1								56	56	7	
64/ 63	• 4	1.1	1.4	1.6	• 6	1.4	1.6	• 3										76	76	22	1
62/ 61	• 3	• 9	1.7	1.2	1.3	1.6	1.2	• 2										76	76	32	
60/ 59		1.3	• 8	1.0	• 6	• 8	1.2	• 7										57	57	58	2
58/ 57		1.0	1.0	• 6	• 9	1.7	• 8	• 2										55	55	73	4
56/ 55		• 2	• 9	1.0	1.0	1.4	1.7	• 1										57	57	71	4
54/ 53		• 2	1.1	• 9	• 9	1.0	• 9											45	45	65	
52/ 51		• 7	1.3	• 9	2.1	1.1	• 7											61	61	50	
50/ 49		• 4	1.0	1.8	• 8	• 8	• 1											44	44	50	
48/ 47		• 6	• 9	2.4	1.8	1.1	• 2											63	63	62	
46/ 45		1.1	1.1	2.4	• 6	1.1												57	57	68	
44/ 43	• 1	1.1	1.2	1.6	1.7	• 1												52	52	79	
42/ 41		• 9	• 7	1.0	• 7	• 1												30	30	65	
40/ 39		• 4	• 4	• 7	• 2	• 1												17	17	65	
38/ 37		• 4	• 8	1.2	• 1													23	23	43	
36/ 35			• 7	• 4														10	10	34	
34/ 33			• 2	• 1														3	3	17	
32/ 31																				19	
30/ 29																				7	
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
TOTAL	• 9	10.9	16.6	21.0	15.7	16.2	13.9	4.2	• 4	• 1								899	899	899	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	• 73 F	• 80 F	• 93 F	Tota
Rel. Hum.	3587290	54816	61.0	16.515	899							
Dry Bulb	2855981	49929	55.5	9.614	899			11.7	1.8			
Wet Bulb	2197998	43740	48.7	8.821	899		2.6	1.2	• 4			
Dew Point	1651439	37225	41.4	11.071	899		20.5	• 7				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
APR — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
86/ 85						.0	.0		.0	.0	.1	.0						13	13		
84/ 83					.0	.0	.0	.0	.1	.1	.1	.2	.0					39	39		
82/ 81				.0	.0		.0	.1	.2	.2	.5	.2						88	88		
80/ 79				.0		.0		.2	.3	.4	.4	.1	.0					96	96		
78/ 77			.0	.0	.0	.1	.2	.2	.3	.6	.2	.0	.0					125	125		
76/ 75		.0	.0		.1	.1	.4	.2	.5	.5	.3	.1						158	158	8	
74/ 73	.0	.0	.0	.2	.1	.5	.2	.4	.5	.2	.2	.1						169	169	15	6
72/ 71	.0	.0	.1	.2	.5	.4	.5	.5	.5	.3	.1							209	209	11	11
70/ 69	.0	.1	.2	.4	.6	.8	.5	.7	.3	.3	.1	.0						285	285	17	15
68/ 67	.0	.1	.4	.4	.8	.6	.8	.7	.6	.4	.1							335	335	56	11
66/ 65	.0	.3	.7	1.1	.5	1.0	.6	.6	.5	.3	.0							405	405	131	15
64/ 63	.1	.8	.9	1.1	.5	1.0	.7	.6	.7	.1	.0							456	456	249	71
62/ 61	.1	1.1	1.4	.7	1.0	.8	.9	.7	.5	.0								508	508	386	102
60/ 59	.1	1.2	1.2	.8	.8	.7	1.2	.7	.2	.0								477	477	504	192
58/ 57	.1	.8	1.1	.7	.8	1.0	.8	.4	.1									40	409	534	314
56/ 55	.0	.5	.8	.8	.7	1.1	1.1	.3										370	370	457	389
54/ 53	.0	.3	.7	.7	.9	1.1	.7	.3	.0									327	327	485	293
52/ 51		.5	1.0	.6	1.3	1.0	.6	.1										361	361	386	266
50/ 49		.6	.9	1.4	1.0	.7	.3	.1										345	345	413	314
48/ 47	.0	.6	.9	1.5	1.0	.6	.1	.0										330	330	484	393
46/ 45		1.0	.9	1.6	.8	.4	.1	.0										333	333	468	419
44/ 43	.1	.8	1.3	1.1	.7	.3												303	303	503	382
42/ 41	.0	1.0	1.1	1.1	.4	.1	.0											259	259	465	371
40/ 39	.0	.5	1.3	.7	.4	.0												216	216	415	323
38/ 37		.7	1.1	.7	.1													183	183	318	404
36/ 35		.2	.8	.6	.0													112	112	260	535
34/ 33		.2	.6	.2														67	67	194	409
32/ 31		.1	.2	.1														25	25	151	430
30/ 29			.1															7	7	68	362
28/ 27		.0	.1															6	6	23	272
26/ 25		.0	.0															4	4	13	236
24/ 23																				6	149
22/ 21																					161
20/ 19																					72

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
19 / 17																					52
16 / 15																					28
14 / 13																					14
12 / 11																					7
10 / 9																					2
TOTAL	.7	11.4	17.7	16.7	13.2	12.4	9.6	6.8	5.3	3.5	1.9	.7	.1					7020		7020	
																	7020		7020		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	26489183	410103	58.4	18.990	7020							
Dry Bulb	23831587	400707	57.1	11.688	7020		4.3	155.6	70.6	19.6		720
Wet Bulb	17620176	345314	49.2	9.505	7020		26.8	11.0	2.4			720
Dew Point	12807757	288813	41.1	11.483	7020		183.1	4.4	.6			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] | FT KNOX/GODMAN AAF KY | 65-70,75-77 | MAY

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7[illegible]/ 77			.1	.1														2	2		
76/ 75		.1			.1													2	2		
74/ 73				.2	.2	.5												8	8	3	1
72/ 71		.1	.5	1.1	.2	.4												19	19		1
7[illegible]/ 69		.7	.8	2.3	.8													39	39	2	2
6[illegible]/ 67	.4	2.0	2.0	3.1	1.1	.2	.2	.1										77	77	25	11
66/ 65	.4	2.2	3.9	2.4	1.3	.4	.5											91	91	38	29
64/ 63	.1	2.2	3.4	2.2	1.2	.4												78	79	66	24
62/ 61	.4	2.8	2.9	3.2	1.3	1.0	.4	.1										100	102	94	44
60/ 59	.1	4.5	2.3	1.9	1.0	.4	.1	.1										86	86	83	80
58/ 57	.1	1.3	3.1	1.1	.7	.4	.1											57	57	89	102
56/ 55		2.4	1.6	1.0	1.0	.5	.2											55	55	83	68
54/ 53	.2	1.9	1.1	1.3	.2	.4												43	43	72	56
52/ 51	.1	1.7	1.3	.4	.2	.4												34	34	50	72
50/ 49		1.8	.8	1.0	.7	.2												38	38	49	53
48/ 47		1.6	.6	1.0	.5													30	30	36	61
46/ 45		1.3	1.2	.6	.5	.4												33	33	32	32
44/ 43		.8	.4	.5	.1													15	15	35	38
42/ 41		.8	.7	.1														14	14	33	39
40/ 39			.2															2	2	16	21
38/ 37		.2	.2															4	4	12	26
36/ 35		.1																1	1	9	23
34/ 33			.2															2	2	1	5
32/ 31			.1															1	1		23
30/ 29																				2	9
28/ 27																				1	4
26/ 25																					1
24/ 23																					3
22/ 21																					2
20/ 19																					1
TOTAL	1.9	28.6	27.6	23.5	11.3	5.3	1.6	.4										831	834	831	831

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4930551	63059	75.9	13.237	831							
Dry Bulb	2970295	49331	59.1	7.929	834		.1	16.4	1.3			9[illegible]
Wet Bulb	2553241	45593	54.9	7.898	831		.3	3.4	.3			9[illegible]
Dew Point	2252714	42546	51.2	9.468	831		4.8	1.7	.1			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77			.1															1	1		
76/ 75		.1																1	1		
74/ 73	.1																	1	1	3	3
72/ 71			.1	.8	.3													11	11		
70/ 69		.2	1.2	1.5	.1													26	26		
68/ 67	.1	1.2	2.6	1.2	.3	.2												48	48	10	2
66/ 65	.5	1.6	4.4	2.4	.5													81	81	40	21
64/ 63	.5	1.7	4.8	3.2	.3	.1	.1											93	96	49	33
62/ 61		2.3	3.4	1.0	.8	.2	.1											68	68	74	38
60/ 59	.3	3.5	3.2	.8	.8	.6	.1											81	81	95	64
58/ 57	.2	3.0	3.7	1.3	.8	.2	.1	.1										82	82	90	101
56/ 55		3.1	3.4	1.5	.9		.2											79	79	71	82
54/ 53		2.0	2.1	.5	.3													42	42	65	54
52/ 51	.1	1.9	1.6	.2	1.0	.3												45	45	69	73
50/ 49		2.3	1.5	.5	.1	.1												39	39	52	54
48/ 47		3.2	1.0	.8	.6													49	49	52	51
46/ 45		.9	.7	.7	.7	.1												27	27	42	54
44/ 43		1.9	2.1	.1	.2	.2												39	39	38	38
42/ 41	.1	1.3	.3	.2	.1													18	18	33	52
40/ 39		.8	.7	.1														14	14	37	21
38/ 37		.5																4	4	15	23
36/ 35		.7	.3															9	9	12	30
34/ 33		.1																1	1	10	15
32/ 31				.1														1	1	2	19
30/ 29			.2															2	2		11
28/ 27																				2	11
26/ 25																				1	3
24/ 23																					4
22/ 21																					3
20/ 19																					1
18/ 17																					1
TOTAL	2.0	32.4	37.5	17.1	8.1	2.2	.7	.1											865		962
																		862		862	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5436483	67659	78.5	12.091	862							
Dry Bulb	2861351	49221	56.9	8.370	865		.3	9.5	.3			93
Wet Bulb	2502945	45889	53.2	8.349	862		.5	1.4	.3			93
Dew Point	2238632	43122	50.0	9.725	862		5.7	.5	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 79			.1		.1													2	2		
78/ 77			.1	.1	.2	.2	.1											7	7		
76/ 75		.2	.2	.2	.9	.1												15	15	1	
74/ 73	.1	.1	.3	.5	.6	.5	.4											25	25	5	5
72/ 71		.4	1.0	1.3	1.0	.6	.6											46	46	5	2
70/ 69	.1	.3	1.9	3.8	1.0	.3	.3	.1										73	73	18	7
68/ 67	.1	.5	2.8	1.9	1.1	.6	.3											69	69	30	15
66/ 65	.2	.8	4.5	2.3	.4	.6	.2		.1									85	85	51	22
64/ 63		.8	3.0	2.4	1.5	.8	.2											80	80	100	32
62/ 61		2.0	3.5	.8	.9	.4	.2											72	72	70	67
60/ 59	.1	1.9	3.5	1.4	1.0	.5	.1											79	79	91	100
58/ 57	.1	1.3	2.3	1.5	1.0	1.0	.3											69	69	86	82
56/ 55		1.8	1.9	1.1	.8	.3		.1										56	56	72	77
54/ 53		1.0	1.6	1.0	.6	.3												42	42	68	60
52/ 51	.2	1.0	2.2	1.1	.3	.3												47	47	54	53
50/ 49		1.4	1.0	1.2	.4													37	37	51	64
48/ 47		1.9	1.6	.9	.3	.1												45	45	61	53
46/ 45		1.0	1.5	.8	.2	.1												33	33	48	57
44/ 43		.4	.9	.4	.3	.1												20	20	35	43
42/ 41		.4	.4	.1	.1	.1												11	11	31	43
40/ 39		.1	.4															5	5	20	31
38/ 37		.1	.1															2	2	16	33
36/ 35		.1	.2		.1													4	4	4	21
34/ 33		.1	.1	.1														3	3	6	20
32/ 31																				2	12
30/ 29																				1	10
28/ 27																				1	8
26/ 25																					3
24/ 23																					2
22/ 21																					2
18/ 17																					1
16/ 15																					1
14/ 13																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.	0	17.	8	35.	22.	8	12.	8	7.	2	2.	9	. 2	. 1				927	927	927	927

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	5195657	68355	73.7	12.951	927							
Dry Bulb	3399220	55530	59.9	8.867	927			23.8	4.9			93
Wet Bulb	2885018	51108	55.1	8.525	927		.4	5.9	.6			93
Dew Point	2516245	47405	51.1	9.970	927		4.0	2.9	.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]8/ 87							.2											2	2		
[illegible]6/ 85						.1	.3	.2	.1									7	7		
[illegible]4/ 83					.1	.4	.5	.9	.2	.1	.1							22	22		
[illegible] / 81					.3	.6	.9	1.5	.3	.6	.1							41	41		
[illegible] / 79			.2	.2	.5	1.3	1.9	1.7	.9	.4	.1							68	68		
7 / 77		.1		.3	1.1	1.6	1.5	.8	.8	.1								58	58		
[illegible]6/ 75			.3	.4	2.6	1.7	.8	.9	.9	.2								72	72	9	
[illegible]4/ 73			.1	1.4	1.6	1.4	1.[illegible]	.5	.9	.2								66	66	15	3
[illegible]2/ 71		.1	.2	1.6	2.3	.6	1.[illegible]	1.2	.4	.2								71	71	27	5
[illegible]0/ 69			1.1	1.2	.6	1.3	.8	.4	.5	.1	.1							57	57	49	16
6[illegible] / 67			1.2	1.3	.9	1.3	1.3	1.0	.4									68	68	100	21
[illegible]6/ 65		.4	1.2	1.2	1.0	1.3	.5	.8	.8									66	66	88	31
[illegible]4/ 63	.2	.3	.4	1.0	.9	1.1	1.4	.5	.1									55	55	90	81
[illegible]2/ 61		1.3	2.2	.6	.5	.9	1.0	.6	.1									67	67	58	71
[illegible]0/ 59	.1	.9	1.4	.6	.6	.9	.5	.3	.1									51	51	82	95
[illegible]8/ 57		1.0	.4	.6	1.0	.5	.5	.1	.1									40	40	82	70
5[illegible] / 55		.5	.3	.2	.9	.6	.4	.1										29	29	64	68
[illegible]4/ 53		.1	.3	.6	.5	.6	.3	.1										25	25	56	46
[illegible]2/ 51		.3	.6	.4	.3	.3	.1											20	20	48	60
5[illegible] / 49		.1	.6	.3	.3	.3	.1	.1										19	19	38	52
[illegible]6/ 47		.9	.2		.2		.1											13	13	43	45
[illegible]4/ 45		.1	.2	.3														6	6	33	36
[illegible]4/ 43			.1	.1			.1											3	3	19	46
[illegible]2/ 41			.1															1	1	11	41
[illegible] / 39																				11	38
3[illegible] / 37																				1	18
3[illegible]/ 35																				2	23
3[illegible]/ 33																					19
[illegible]2/ 31																				1	15
3[illegible] / 29																					12
2[illegible]/ 27																					5
2[illegible]/ 25																					3
[illegible]2/ 21																					2
[illegible] / 19																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) MAY (MONTH)

 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
14/ 13																					2
1 / 11																					1
TOTAL	.3	6.	11.	41	2.6	16.	3	17.0	15.	3	11.8	6.6	2.0	.4				927	927	927	927

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3495718	54950	59.3	16.046	927							
Dry Bulb	4366673	63025	68.0	9.394	927			53.4	33.7	10.6		93
Wet Bulb	3304288	54818	59.1	8.2 4	927		.1	20.1	2.4			93
Dew Point	2641152	48504	52.3	10.559	927		4.2	4.5	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

724247 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
MAY — MONTH

1200-14 — HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
90/ 89								.1		.1								2	2		
88/ 87							.2	.4	.2	.3	.2							13	13		
86/ 85						.1	.6	1.1	1.8	1.3	.5		.6					57	57		
84/ 83						.2	1.0	2.7	3.2	1.0	.9	.6	.1					90	90		
82/ 81					.2	.4	2.0	2.2	2.0	1.4	.4							81	81		
/ 79					.3	1.0	1.2	1.1	.8	1.0	.3							52	52		
78/ 77			.1	.1	.8	.9	1.2	.9	.4	.8	.3							50	50		
76/ 75				.3	1.8	.9	1.3	1.5	1.2	1.6	.3							83	83	7	
74/ 73			.1	.8	.8	1.4	1.1	1.1	1.2	.5	.4							66	68	15	
72/ 71		.1	.2	1.5	.8	.3	.9	1.1	.6	.5	.2							58	58	43	
70/ 69			.5	.5	1.4	.1	1.3	1.3	.6	.2	.2							58	58	97	
68/ 67		.2	.5	1.0	.6	.8	.2	1.2	1.2	.1								54	54	112	
66/ 65	.2	.4	.4	1.4	.4	.6	.8	1.5	.4	.1								59	59	81	
64/ 63		.3	1.1	.4	.1	.3	.5	.8	.4	.2								39	39	88	
62/ 61		1.0	.3	.5	.1	.5	.2	1.0	.2									36	36	75	
60/ 59		.9	.5	.9	.1	.3	.4	.6	.1									36	36	77	
58/ 57		.5	.4	.3	.5	1.1	1.1	.3	.1									41	41	79	
56/ 55		.1	.4		.5	.4	.4											18	18	48	
54/ 53		.1	.5	.2	.1	.1	.1											11	11	51	
52/ 51			.2	.1		.1	.1	.2										7	7	41	
50/ 49		.2	.3					.1										6	6	33	
48/ 47		.1	.3			.1												5	5	37	
46/ 45				.2	.1													3	3	24	
44/ 43																				9	
42/ 41																				3	
40/ 39																				6	
38/ 37																				1	
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	T
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
72/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
TOTAL	.2	4.0	6.1	8.3	8.7	9.7	14.7	19.1	14.7	9.2	3.9	.6	.8					927	927	927	927

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2735997	47931	51.7	16.682	927							9
Dry Bulb	4941138	67106	72.4	9.485	927			66.8	49.8	27.5		9
Wet Bulb	3489951	56423	60.9	7.755	927			27.5	2.2			9
Dew Point	2643742	48536	52.4	10.520	927		4.3	3.4	.1			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72524 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
MAY — MONTH

1500-1 — HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
[illegible] / 89									.2	.2								4	4		
88/ 87							.2	.4	.4	.5	.6							21	21		
86/ 85						.1	.3	1.5	2.2	1.4	.5	.2	.2					60	60		
84/ 83					.2	.4	1.3	1.2	3.0	1.2	.5	.9	.3					84	84		
82/ 81					.2		1.8	2.9	2.0	1.5	.2	.2						83	83		
80/ 79			.1		.1	1.2	1.0	1.5	.9	1.0	.4							57	57		
78/ 77					.4	.4	1.0	1.2	.9	1.7	.6							58	58		
76/ 75		.1		.2	.9	1.1	1.2	1.4	1.2	.8	.5	.3						71	71	9	
74/ 73		.1		.9	1.4	1.2	1.3	1.3	1.9	.9		.1						84	84	24	
72/ 71			.1	1.2	1.4	.5	.3	.5	1.1	.1	.2							51	51	38	
70/ 69		.1	.4	1.4	1.4	.9	1.2	.5	.8	.3	.3							68	68	77	
68/ 67		.3	1.1	.6	.6	.6	.9	1.2	1.3	.2								64	64	117	
66/ 65		.5	.2	.5	.2		.8	1.1	.5	.2								38	38	93	
64/ 63		.4	.9	.2	.3	.3	.2	.8	.4	.1								34	34	98	
62/ 61		.3	.8	.5	.3	.5	.6	1.4	.4									46	46	89	
60/ 59		1.4	.3	.8		.6	.4	.9										41	41	69	
58/ 57			.3	.4	.5	.5	.4	.3	.1									25	25	69	
56/ 55			.1	.3	.5	.2												11	11	52	
54/ 53		.3	.3				.2	.3										11	11	49	
52/ 51			.3			.1												4	4	37	
50/ 49		.3	.3	.1														7	7	40	
48/ 47			.1	.1														2	2	32	
46/ 45					.1													1	1	20	
44/ 43					.2													2	2	4	
42/ 41																				5	
40/ 39																				3	
38/ 37																				2	
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | MAY MONTH

 1500-1 HOURS (L. S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	12 - 14	15 - 16	17 - 18	19 - 20	21 - 22	22 - 24	25 - 26	27 - 28	29 - 20	≥ 21					
21 / 21 / 19																						
TOTAL		4.0	5.4	7.3	9.0	8.8	13.2	18.4	17.4	10.1	4.1	1.7	.5						927	927		927

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T
Rel. Hum.	2626151	46883	50.6	16.596	927							
Dry Bulb	5023763	67707	73.0	9.209	927			70.7	52.4	28.2		
Wet Bulb	3512723	56637	61.1	7.520	927			26.6	3.3			
Dew Point	2637152	48496	52.3	10.396	927		4.8	3.8	.2			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

?2424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
MAY — MONTH

1800-2 — HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
88/ 87								.1		.1								2	2		
86/ 85								.3	.3	.2								8	8		
84/ 83						.2	.5	.8	.9	.2								24	24		
82/ 81					.2	.4	1.0	1.3	.9	.1	.2							38	38		
80/ 79					.3	1.3	1.7	1.3	.2	.2	.3							50	50		
78/ 77				.4	.5	1.5	2.2	1.1	.3	.3	.1							60	60		
76/ 75		.1	.1	.4	.8	1.0	1.1	1.2	.8	.2		.1						53	53	1	
74/ 73			.8	.4	2.0	1.7	1.4	1.4	1.0	.1	.1							83	83	8	
72/ 71		.1	.5	1.9	1.6	1.1	1.8	1.6	1.1	.1								92	92	26	
70/ 69		.1	1.3	1.5	1.1	1.5	1.1	1.0	.2	.3								75	75	52	
68/ 67		.1	1.3	1.6	1.2	1.6	1.1	.9	.2	.1								75	75	81	
66/ 65		.6	1.9	1.4	.9	.8	1.2	1.0	.3									75	75	95	
64/ 63		.8	1.3	1.0	.8	.1	1.1	.2	.1									49	49	98	
62/ 61		1.3	.6	.5	.6	.9	.6	.6	.3									52	52	92	
60/ 59		1.4	.6	.6	.5	.4	.9	.5	.1									48	48	98	1
58/ 57	.1	.9	.5	.2	1.3	.4	.8	.2										41	41	77	
56/ 55		.2	.5	.3	.3	.2	.8	.1										23	23	62	
54/ 53		.8	.5	.6	.8	.8	.3											35	35	49	
52/ 51		.1	.4	.3	.4	.3	.1	.1										17	17	43	
50/ 49		.1	.4	.1	.1	.1												8	8	40	
48/ 47		.5	.3	.3	.2	.1	.1											15	15	34	
46/ 45		.1																1	1	38	
44/ 43				.1														1	1	16	
42/ 41				.2														2	2	7	
40/ 39																				5	
38/ 37																				3	
36/ 35																				2	
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | M MON

 1800- HOURS (L

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
2 / 19																					
1 / 17																					
TOTAL	.1	7.2	11.3	12.2	13.7	14.5	17.7	13.7	6.7	2.0	.8	.1							927	927	927

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						• 0 F	• 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	3459914	54566	58.9	16.365	927						
Dry Bulb	4393862	63293	68.3	8.867	927			56.2	31.9	10.2	
Wet Bulb	3308772	54926	59.3	7.660	927			16.9	.9		
Dew Point	2635700	48544	52.4	10.054	927		4.5	3.2	.1		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424C STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | MAY MONTH

PAGE 1 | 2100-2 HOURS (L. S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
80/ 79						.2												2	2		
78/ 77					.4	.6	.2											11	11		
76/ 75				.1	1.5	.8	.3											24	24		
74/ 73			.4	.9	1.6	1.3	.1											39	39		
72/ 71		.4	1.0	1.2	2.0	1.2	.4		.1									58	58	1	
70/ 69		.7	1.7	3.2	2.5	.7	.2	.1										81	81	21	
68/ 67		.3	1.9	1.6	2.7	1.6	.3	.1										76	76	41	
66/ 65		.6	3.2	2.1	2.2	1.1	.2	.1										86	86	63	
64/ 63	.1	2.0	3.2	1.9	2.3	1.1	1.0	.1										106	109	107	
62/ 61	.2	2.2	2.7	2.0	1.5	1.3	.6	.1	.1									96	96	78	
60/ 59		2.2	2.6	1.1	.8	.7	.1											67	67	102	
58/ 57		1.0	.6	.8	.9	.8	.1	.1										38	38	104	
56/ 55	.1	1.3	1.9	.2	.8	.7		.1										46	46	75	
54/ 53	.2	1.2	.7	1.0	.6	.8												40	40	56	
52/ 51		.8	1.1	.4	1.5	.7												40	40	60	
50/ 49		.3	1.3	.8	1.2	.2												35	35	37	
48/ 47		.8	.4	.8	.4	.1												23	23	32	
46/ 45		.3	.1	.2	.1	.3												10	10	42	
44/ 43		.4		.2	.1													7	7	31	
42/ 41		.1	.2	.2														5	5	23	
40/ 39			.2															2	2	5	
38/ 37				.1														1	1	7	
36/ 35			.1															1	1	7	
34/ 33																				1	
32/ 31																				1	
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
TOTAL	.7	14.9	23.5	19.0	23.0	14.2	3.7	.8	.2										897		
																		894		894	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	Tota
Rel. Num.	4544884	62506	69.9	13.984	894							
Dry Bulb	3546837	55959	62.4	7.896	897			30.2	7.9	.1		
Wet Bulb	2919868	50636	56.6	7.620	894		.1	6.6				
Dew Point	2495980	46470	52.0	9.493	894		4.0	1.9				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-79 — YEARS
MAY — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31					
9 / 89								.0	.0	.0									6	6		
88/ 87							.1	.1	.1	.1	.1								38	38		
86/ 85						.0	.2	.4	.6	.4	.1	.0	.1						132	132		
84/ 83					.0	.2	.4	.7	.9	.3	.2	.2	.1						220	220		
82/ 81					.1	.2	.7	1.0	.7	.5	.1	.0							243	243		
80/ 79			.1	.0	.2	.6	.7	.7	.3	.3	.2								231	231		
78/ 77		.0	.1	.1	.4	.7	.8	.5	.3	.4	.1								247	247		
76/ 75		.1	.1	.2	1.1	.7	.6	.6	.5	.4	.1	.1							321	321	27	
74/ 73	.0	.0	.2	.7	1.1	1.0	.7	.6	.6	.2	.1	.0							374	374	73	1
72/ 71		.2	.5	1.3	1.2	.6	.7	.6	.4	.1	.1								406	406	140	2
70/ 69	.0	.3	1.1	1.9	1.1	.6	.6	.4	.3	.1	.1								477	477	316	5
68/ 67	.1	.6	1.7	1.5	1.1	.9	.6	.6	.4	.1									531	531	516	12
66/ 65	.2	.9	2.4	1.7	.9	.6	.5	.6	.3	.0									581	581	549	20
64/ 63	.1	1.0	2.2	1.5	.9	.5	.6	.3	.1	.0									534	541	696	41
62/ 61	.1	1.6	2.0	1.1	.7	.7	.5	.5	.2										537	539	630	5
60/ 59	.1	2.0	1.8	1.0	.6	.6	.3	.3	.0										489	489	697	7
58/ 57	.1	1.1	1.4	.8	.8	.6	.4	.2	.0										393	393	676	7
56/ 55	.0	1.2	1.2	.6	.7	.4	.3	.1											317	317	527	5
54/ 53	.1	.9	.9	.7	.4	.4	.1	.1											249	249	466	3
52/ 51	.1	.7	1.0	.4	.5	.3	.0	.0											214	214	402	4
50/ 49		.8	.8	.5	.4	.1	.0	.0											189	189	340	4
48/ 47		1.1	.6	.5	.3	.1	.0												182	182	327	3
46/ 45		.5	.5	.3	.2	.1													114	114	279	3
44/ 43		.4	.4	.2	.1	.0	.0												87	87	187	3
42/ 41	.0	.3	.2	.1	.0	.0													51	51	146	3
40/ 39		.1	.2	.0															23	23	103	2
38/ 37		.1	.0	.0															11	11	57	1
36/ 35		.1	.1		.0														15	15	36	1
34/ 33		.0	.0	.0															6	6	18	1
32/ 31			.0	.0															2	2	6	
30/ 29			.0																2	2	3	
28/ 27																					4	
26/ 25																					1	
24/ 23																						

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

724240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
MAY — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
22/ 21																					14
20/ 19																					9
18/ 17																					4
16/ 15																					2
14/ 13																					1
12/ 11																					1
TOTAL	.7	14.0	19.5	15.2	12.9	10.0	8.9	8.3	5.9	3.0	1.2	.3	.2					7222	7231	7222	7222

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	• 67 F	≥ 73 F	• 80 F	• 93 F	Total
Rel. Hum.	32425345	465909	64.5	18.110	7222							
Dry Bulb	31503139	471169	65.2	10.532	7231		.4	331.9	186.4	78.6		74
Wet Bulb	24476806	416030	57.6	8.412	7222		1.4	110.4	10.3			74
Dew Point	20061307	373623	51.7	10.070	7222		36.3	22.3	1.6			74

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 JUN
STATION STATION NAME YEARS MONTH

 0000-02[illegible]
HOURS (L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew F
[illegible]4/ 83					.2													2	2		
[illegible]2/ 81				.2														2	2		
[illegible]0/ 79				.2	.4													6	6		
7[illegible]/ 77			.3	.7	.6													14	14		
[illegible]6/ 75		.3	.3	1.1	1.4	.6												34	34	5	
[illegible]4/ 73		.6	2.3	3.2	.7	.1												59	59	13	
[illegible]2/ 71	.6	1.3	4.8	3.6	1.3	.2												106	106	25	
[illegible]0/ 69	.6	2.4	6.8	2.7	2.1	.2												133	133	69	
[illegible]8/ 67	.1	2.4	5.9	3.3	1.6	.1												121	121	113	
[illegible]6/ 65	.2	3.0	6.1	2.9	2.0	.2												130	130	129	
[illegible]4/ 63		2.3	3.1	1.4	1.0	.2												73	73	116	1[illegible]
[illegible]2/ 61		2.0	2.7	1.4	.4	.1												60	60	129	1[illegible]
[illegible]0/ 59		2.1	2.3	2.1	.4													63	63	70	1[illegible]
5[illegible]/ 57		.9	2.1	1.1	.2													39	39	72	
5[illegible]/ 55		.7	1.2	.9		.1												26	26	50	
[illegible]4/ 53		.1	.9	.8	.1													17	17	47	
[illegible]2/ 51		.1	.3		.3													7	7	28	
5[illegible]/ 49			.1	.2														3	3	11	
[illegible]8/ 47			.2		.2													4	4	10	
[illegible]6/ 45				.1														1	1	6	
[illegible]4/ 43																				4	
[illegible]2/ 41																					
[illegible]0/ 39																				3	
[illegible]8/ 37																					
[illegible]6/ 35																					
[illegible]2/ 31																					
TOTAL	1.4	18.3	39.2	26.0	13.1	1.9													900		9
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	5593985	70423	78.2	9.640	900							
Dry Bulb	3996790	59734	66.4	5.983	900			47.7	11.7	.8		
Wet Bulb	3507440	55924	62.1	6.008	900			22.5	1.8			
Dew Point	3207826	53362	59.3	6.991	900		.3	12.2	.6			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
JUN — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79				.1	.1													2	2		
78 / 77			.6	.3														8	8		
76 / 75			.6	.8	.4	.1	.2											19	19		
74 / 73		.4	1.2	1.8	.2	.1												34	34	13	1
72 / 71	.6	.4	3.8	1.8	.7													65	65	14	20
70 / 69	.4	3.9	6.4	2.0	.2	.1												113	118	43	18
68 / 67	.4	3.0	7.3	1.7	.9	.1												121	121	95	49
66 / 65	.6	3.4	6.7	1.6	.2													112	112	115	101
64 / 63	.2	4.1	5.0	1.9	.7													107	107	142	99
62 / 61		2.3	4.2	2.1	1.0													87	87	87	112
60 / 59	.1	3.0	2.2	1.4	.1													62	62	102	93
58 / 57		2.8	1.8	.8	.2													50	50	77	102
56 / 55		2.6	2.9	.8														56	56	66	77
54 / 53		.2	1.4	.7	.2													23	23	57	47
52 / 51		.6	1.0	.3	.2													19	19	26	54
50 / 49			.7	.2	.2													10	10	29	41
48 / 47		.1	.1															2	2	15	35
46 / 45		.2																2	2	10	14
44 / 43			.1															1	1	4	14
42 / 41			.1															1	1	2	8
40 / 39		.1																1	1	1	5
38 / 37																				2	4
36 / 35																					1
34 / 33																					5
TOTAL	2.3	27.2	46.1	18.2	5.4	.4	.2												900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6034966	73276	81.4	8.761	900							
Dry Bulb	3760457	57909	64.3	6.186	900			36.7	6.3			90
Wet Bulb	3367623	54767	60.9	6.233	900			16.5	1.3			90
Dew Point	3123874	52640	58.5	7.076	900			8.8	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

72524[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 JUN

STATION STATION NAME YEARS MONTH

 0600-08[illegible]

HOURS (L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
[illegible]4/ 83			.1	.1	.2	.3	.1											8	8		
[illegible]2/ 81			.1	.1	.3	.1	.3	.1	.1									11	11		
[illegible]0/ 79			.1	.2	.9	.7	.2	.2										21	21	1	
78/ 77			.9	1.2	1.4	.8	.6	.1										45	45	2	
[illegible]6/ 75		.2	.8	1.1	1.7	1.1	.2	.1										47	47	7	
74/ 73		.4	1.7	3.8	1.3	.8	.3	.1										76	76	25	
[illegible]2/ 71	.1	1.6	3.6	3.7	1.1	.7	.2											98	98	43	1
[illegible]/ 69	.4	2.4	7.3	3.2	1.3	.7	.3											142	142	65	4
68/ 67	.2	3.1	3.3	2.4	1.6	.4	.6											105	105	134	6
[illegible]6/ 65		1.3	4.9	1.9	1.1	.3												86	86	146	11
[illegible]4/ 63	.1	2.4	2.0	2.2	1.3	.3												76	76	98	12
62/ 61		1.4	2.0	1.1	.9	.2		.1										52	52	93	9
[illegible]0/ 59		2.0	2.2	1.2	.3	.3		.1										56	56	76	9
[illegible]8/ 57		.9	1.1	.8	.1		.1											27	27	55	7
56/ 55		1.2	.9	.6	.2													26	26	53	5
54/ 53		.1	.7	.6	.1	.2												15	15	43	5
[illegible]2/ 51		.1	.3	.1														5	5	19	5
50/ 49			.1	.1	.1													3	3	15	3
46/ 47																				7	2
4[illegible]/ 45				.1														1	1	5	
44/ 43																				2	1
[illegible]2/ 41																				1	
4[illegible]/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
[illegible]2/ 31																					
TOTAL	.9	17.3	32.1	24.6	14.1	7.0	3.0	.9	.1										900		9[illegible]
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	5288922	68190	75.8	11.668	900							
Dry Bulb	4185867	61097	67.9	6.524	900			55.3	20.8	2.9		
Wet Bulb	3599052	56648	62.9	6.104	900			27.7	3.5			
Dew Point	3254843	53737	59.7	7.178	900		.1	13.6	1.0			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
93 / 91							.1	.1		.1								3	3		
91 / 89						.1	.2	.3	.3		.1							10	10		
89 / 87					.1	.4	.8	.7	.3	.2	.4	.2						29	29		
87 / 85					.2	1.2	1.3	1.1	.6	.4	.4							48	48		
85 / 83			.3	.2	.9	1.1	2.2	1.9	1.0	.3	.2							74	74		
83 / 81				.6	1.0	2.8	2.2	1.7	.8		.3							84	84	1	
81 / 79				.6	1.3	3.9	1.6	1.6	1.0	.4	.1							94	94	7	
79 / 77			.8	.7	2.3	1.9	1.6	1.0	.7	.2								82	82	18	
77 / 75			.8	1.0	3.4	1.1	1.3	1.9	1.0	.2								97	97	37	
75 / 73		.1	1.9	1.9	1.3	2.3	1.4	1.3										93	93	65	
73 / 71		.4	2.1	1.6	1.4	1.2	.6	.4	.2									72	72	94	
71 / 69	.2	1.2	1.8	.4	.9	1.2	.8	.6		.2								66	66	142	
69 / 67		.6	1.1	.4	1.6	.3	.6	.7		.1								48	48	128	
67 / 65		.6	1.2	.6	.9	.2	.2	.1	.2									36	36	101	
65 / 63		.2	.8	.6	.6	.1	.1	.2										23	23	76	
63 / 61		.1	.9	.3	.2	.3	.1											18	18	79	
61 / 59		.3	.4		.2	.1												10	10	59	
59 / 57		.2	.4	.1														7	7	37	
57 / 55		.1	.1		.1													3	3	23	
55 / 53		.3																3	3	18	
53 / 51																				8	
51 / 49																				6	
49 / 47																				1	
47 / 45																					
45 / 43																					
43 / 41																					
41 / 39																					
39 / 35																					
35 / 33																					
33 / 31																					
TOTAL	.2	4.2	12.7	8.9	16.6	18.4	15.1	13.6	6.1	2.3	1.7	.2						900	900		90
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3630543	55601	61.8	14.749	900							
Dry Bulb	5194948	68074	75.6	7.152	900			80.0	61.4	30.0		
Wet Bulb	4000130	59764	66.4	5.923	900			49.2	12.8	.3		
Dew Point	3388417	54791	60.9	7.664	900		.1	21.7	3.3	.1		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

72424 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | JUN MONTH

 1200-140 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
96/ 95										.1								1	1		
94/ 93								.1	.3	.2				.1				7	7		
92/ 91							.2	1.3	.6	.6	.6	.1	.2					32	32		
90/ 89						.1	1.1	.9	.9	.8	.7	.7						46	46		
88/ 87						.4	1.7	1.8	2.0	1.4	.6	.1						72	72		
86/ 85			.1			1.1	1.4	2.2	1.2	1.9	.6	.6						82	82		
84/ 83				.1	.1	2.1	2.7	4.3	1.6	1.3	.1	.4						115	115		
82/ 81				.3	1.1	1.8	2.2	1.9	2.0	.8	.4	.2						97	97	1	
80/ 79				.6	1.4	2.3	.8	2.0	2.6	.8	.6							99	99	11	
78/ 77		.1	.3	.8	2.1	.9	.8	2.1	1.2	.9								83	83	35	
76/ 75			.3	1.0	1.7	1.0	1.7	1.0	.8	.6	.1							73	73	48	
74/ 73		.1	1.0	1.3	.7		.9	.7	.3		.1							46	46	93	2
72/ 71		.4	.8	.6	.1	1.0	1.1	.7	.3	.3	.1							49	49	123	4
70/ 69	.1	.4	.6	.8	.6	.7	.2	.7	.2	.1								39	39	143	6
68/ 67		.1	.3	.3	.1	.4		.2	.1									15	15	113	9
66/ 65			1.1	.1	.3			.2										16	16	91	9
64/ 63		.2	.2	.2				.1										7	7	73	9
62/ 61		.2	.1	.2	.3													8	8	69	7
60/ 59		.1	.4	.1														6	6	40	7
58/ 57			.3	.1														4	4	24	6
56/ 55			.3															3	3	13	6
54/ 53																				17	6
52/ 51																				6	1
50/ 49																					2
48/ 47																					2
46/ 45																					1
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JU (MON

 1200- (HOURS (L

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	.1	1.8	6.7	6.6	8.6	11.9	14.8	20.2	14.1	9.8	3.8	2.1	.2	.1				900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	2843105	48845	54.3	14.621	900						
Dry Bulb	5770584	71776	79.8	7.182	900			85.6	75.3	49.3	.8
Wet Bulb	4168978	61036	67.8	5.743	900			56.7	18.8	.2	
Dew Point	3393342	54804	60.9	7.903	900		.1	24.7	3.5	.1	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424 | FT KNOX/GODMAN AAF KY | 65-70, 75-78 | JUN

STATION | STATION NAME | YEARS | MONTH

 1500-1

HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
96/ 95									.3									3	3		
94/ 93								.2	.2	.1	.1	.1						7	7		
92/ 91								.8	.2	.3	.3	.1	.1	.2				19	19		
90/ 89					.1	.2	.7	1.6	.9	1.2	1.1	.6						57	57		
88/ 87						.2	1.2	2.6	2.4	1.6	1.3	.2						86	86		
86/ 85					.1	.1	.8	3.6	2.6	1.0	1.1	.4						87	87		
84/ 83			.1	.1	.6	1.1	1.4	3.1	1.4	1.6	.6	.1						91	91		
82/ 81			.2	.3	1.1	3.0	2.4	3.0	1.4	1.4	.2	.1						120	120	2	
80/ 79		.1	.1	.6	1.8	1.3	1.1	2.3	3.0	1.1	.6	.1						109	109	10	
78/ 77		.3	.2	1.0	1.9	.9	1.4	1.1	1.4	.8	.2							84	84	24	
76/ 75			.2	1.0	.9	1.1	.4	1.9	.6	.3	.2							60	60	44	
74/ 73		.2	.4	1.3	.8	.2	1.0	.6	.8	.2	.2							52	52	95	
72/ 71		.2	1.0	.9	1.1	.4	.3	.3	.2	.4								45	45	149	
70/ 69		.3	.7	.2	.7	.7	.1	.3	.1									28	28	132	
68/ 67		.6	.2	.2	.3	.2	.2		.3									19	19	121	
66/ 65		.2	1.0	.3				.1										15	15	101	
64/ 63				.2														2	2	66	
62/ 61																				69	
60/ 59		.3	.6	.1	.1													10	10	34	
58/ 57		.1																1	1	18	
56/ 55			.4															4	4	20	
54/ 53			.1															1	1	10	
52/ 51																				5	
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
TOTAL		2.4	5.3	6.3	9.4	9.6	11.2	21.4	16.0	10.1	6.0	1.8	.1	.2					900		
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	To
Rel. Hum.	2770841	48093	53.4	14.949	900							
Dry Bulb	5825240	72140	80.2	6.901	900			86.7	77.5	53.2	1.0	
Wet Bulb	4177300	61118	67.9	5.464	900			57.7	17.5	.2		
Dew Point	3377989	54703	60.8	7.684	900			21.7	3.3			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

1800 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93									.1										1	1	
92/ 91							.1		.1	.1									3	3	
90/ 89							.4			.1									5	5	
88/ 87						.7	.3	.8	.3	.4	.2								25	25	
86/ 85					.1	.7	1.2	1.0	.8	.1	.1								36	36	
84/ 83				.1	.2	1.4	2.0	1.8	.8	.3	.2								62	62	
82/ 81			.2	.2	1.2	1.8	3.8	.7	.8	.2									80	80	
80/ 79			.3	.8	1.4	4.0	2.0	2.4	.6	.2	.1								107	107	4
78/ 77			.3	1.9	2.4	2.0	2.3	2.0	.7	.1									106	106	14
76/ 75			.9	1.8	2.7	1.9	.6	1.6	.4	.2									90	90	22
74/ 73		.4	1.3	2.3	2.1	1.9	1.3	.8	.6										97	97	7
72/ 71	.1	.4	1.8	2.0	1.6	1.6	.8	.6	.1										80	80	11
70/ 69	.2	.8	2.0	1.0	1.3	1.1	1.6	.4	.3										79	79	14
68/ 67	.6	.4	1.3	.6	1.7	.6	.2	.1	.1										50	50	12
66/ 65		.3	1.2	.7	.6	.8	.3	.3	.1										39	39	11
64/ 63		.2	.3	.4	.1	.2	.1												13	13	8
62/ 61		.1	.2	.1	.1	.1	.1	.1											8	8	7
60/ 59		.3	.2	.1		.3													9	9	5
58/ 57			.3	.1															4	4	3
56/ 55		.3	.3																6	6	1
54/ 53																					1
52/ 51																					1
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
TOTAL	.9	3.4	10.9	12.1	15.6	19.0	17.2	12.6	5.8	1.9	.7								900	900	9

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	3666029	55979	62.2	14.314	900						
Dry Bulb	5174198	67984	75.5	6.573	900			82.1	61.2	26.1	.1
Wet Bulb	4806593	59843	66.5	5.531	900			49.1	11.0	.1	
Dew Point	3402992	54952	61.1	7.288	900			23.0	2.3		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424? FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

 2100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
86/ 85					.1	.1												2	2	
84/ 83				.3	.4	.1												8	8	
82/ 81				.2	.7	.2	.2											12	12	
80/ 79		.1		.2	1.6	1.0	.2											28	28	
78/ 77		.1	.7	.7	3.3	1.4	.1											57	57	
76/ 75	.2	.8	.7	2.7	3.4	1.7	.3	.1										89	89	1
74/ 73		.6	2.4	4.3	2.3	1.1	.3											100	100	2
72/ 71	.7	1.2	3.2	3.9	2.2	1.0	.4											114	114	5
70/ 69	.6	1.4	5.1	3.4	2.9	1.2	.1	.1										134	134	11
68/ 67	.4	.7	4.6	2.2	1.8	1.6	.3	.1										105	105	13
66/ 65	.4	1.2	2.7	2.4	1.0	1.2	.2	.1										84	84	12
64/ 63		1.6	1.3	1.6	1.7	.6	.2											62	62	12
62/ 61		.7	1.0	1.6	.7	.2												37	37	8
60/ 59		.8	.7	1.2	.4	.2												30	31	6
58/ 57		.1	.3	.4	.2	.1												11	11	5
56/ 55		.3	.9		.6	.3												19	19	4
54/ 53			.3	.1	.1													5	5	3
52/ 51			.1	.1														2	2	1
50/ 49																				1
48/ 47																				
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
38/ 37																				
TOTAL	2.3	9.6	24.0	25.5	23.5	12.1	2.6	.4											900	
																		899		89

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	4940839	65825	73.2	11.614	899						
Dry Bulb	4401989	62715	69.7	5.947	900			64.9	29.6	3.3	
Wet Bulb	3721858	57604	64.1	5.861	899			34.1	4.7		
Dew Point	3336049	54387	60.5	7.141	899			18.0	2.0		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65~70,75~78 YEARS | M

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
96/ 95									.0	.0								4	4	
94/ 93								.0	.1	.0	.0	.0		.0				15	15	
92/ 91							.1	.3	.1	.1	.1	.0	.0	.0				57	57	
90/ 89					.0	.1	.3	.3	.3	.3	.2	.2						118	118	
88/ 87					.0	.2	.5	.7	.6	.5	.3	.1						212	212	
86/ 85			.0		.1	.4	.6	1.0	.6	.4	.3	.1						255	255	
84/ 83			.1	.1	.3	.8	1.1	1.4	.6	.4	.1	.1						360	360	
82/ 81			.1	.3	.7	1.2	1.4	.9	.6	.3	.1	.0						406	406	
80/ 79		.0	.1	.4	1.1	1.7	.7	1.1	.9	.3	.2	.0						466	466	3
78/ 77		.1	.5	.9	1.8	1.0	.8	.8	.5	.3	.0							479	479	9
76/ 75	.0	.2	.6	1.3	2.0	1.1	.6	.8	.3	.2	.0							509	509	17
74/ 73		.4	1.5	2.5	1.2	.8	.7	.4	.2	.0	.0							557	557	40
72/ 71	.3	.8	2.6	2.2	1.2	.8	.4	.3	.1	.1	.0							629	629	61
70/ 69	.3	1.6	3.8	1.7	1.3	.7	.4	.3	.1	.0								739	739	84
68/ 67	.2	1.4	3.0	1.4	1.2	.5	.2	.1	.1	.0								584	584	96
66/ 65	.2	1.3	3.1	1.3	.8	.3	.1	.1	.0									518	518	92
64/ 63	.0	1.4	1.6	1.1	.7	.2	.1	.0										363	363	78
62/ 61		.9	1.4	.9	.5	.1	.0	.0										270	270	68
60/ 59	.0	1.1	1.1	.8	.2	.1		.0										246	247	49
58/ 57		.6	.8	.4	.1	.0	.0											143	143	38
56/ 55		.7	.9	.3	.1	.1												143	143	28
54/ 53		.1	.4	.3	.1	.0												64	64	2
52/ 51		.1	.2	.1	.1													33	33	1
50/ 49			.1	.1	.0													16	16	
48/ 47		.0	.0		.0													6	6	
46/ 45		.0		.0														4	4	
44/ 43			.0															1	1	
42/ 41			.0															1	1	
40/ 39		.0																1	1	
38/ 37																				
36/ 35																				
34/ 33																				
32/ 31																				

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31			
TOTAL	1.0	10.5	22.0	16.0	13.3	10.0	8.0	8.6	5.3	3.0	1.5	.5	.0	.0				7199	7200	7199

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	34769230	486232	67.5	16.368	7199						
Dry Bulb	38310073	521429	72.4	8.723	7200			539.0	343.6	165.6	1.9
Wet Bulb	30548974	466704	64.8	6.380	7199			313.5	71.4	.8	
Dew Point	26485332	433376	60.2	7.420	7199		.6	143.7	16.1	.2	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 JUL
STATION STATION NAME YEARS MONTH

 0000-02
HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81				.2	.1	.3												6	6		
80/ 79		.2	.5	1.7	1.4	.3												39	39		
78/ 77		.5	2.4	2.7	1.3	.3												67	67	2	
76/ 75		1.6	2.4	3.9	1.2	.1												85	85	20	
74/ 73	.5	1.8	5.2	4.8	.6	.2	.2											124	127	76	
72/ 71	.4	3.1	6.5	4.3	1.2	.4												146	148	99	
70/ 69	.1	2.1	6.8	3.0	1.5	.3												128	128	129	
68/ 67	.2	4.0	4.8	2.4	.6	.2												113	116	154	1
66/ 65	.2	2.9	3.0	1.2	.6	.1												75	75	119	1
64/ 63	.1	2.3	2.2	1.4	.1	.2												58	58	123	1
62/ 61	.2	.9	1.3	1.2	.2	.1												36	36	68	
60/ 59		.8	1.1	.2														19	19	47	
58/ 57		.2	.6	.2														10	10	40	
56/ 55		.3	.6	.2														11	11	17	
54/ 53		.1	.4															5	5	20	
52/ 51																				5	
50/ 49																				5	
48/ 47																					
46/ 45																					
TOTAL	1.8	20.9	37.9	27.5	9.0	2.7	.2												930		
																		924		924	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T
Rel. Hum.	6057331	74337	80.5	9.123	924							
Dry Bulb	4603368	65240	70.2	5.366	930			71.6	32.4	2.0		
Wet Bulb	4062834	61080	66.1	5.226	924			48.3	9.9			
Dew Point	3790829	58931	63.8	5.917	924			32.7	4.2			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 JUL
STATION STATION NAME YEARS MONTH

 0300-0[illegible]
HOURS (L. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
[illegible]/ 81					.1													1	1		
[illegible]/ 79		.1		.2	.3													6	6		
7[illegible]/ 77		.1	1.2	1.7	.7													34	34	1	
76/ 75		.9	2.1	3.8	1.5	.1												77	79	2	
74/ 73	.2	2.5	3.5	3.2	.2													88	88	39	
72/ 71	.3	5.1	8.1	1.7	.4													144	145	88	
7[illegible]/ 69	.5	3.8	8.1	2.0		.1												133	137	137	
6[illegible]/ 67	.7	4.0	6.3	1.0	.5	.1												116	116	143	
[illegible]6/ 65	.2	5.7	3.4	2.2	.3	.1												109	109	131	
[illegible]4/ 63		2.4	3.0	1.7														66	66	117	
62/ 61	.2	2.6	2.8	.8														59	59	58	
[illegible]/ 59		2.1	1.4	.3	.1													36	36	70	
[illegible]/ 57		.4	1.5	.5	.2													25	25	68	
5[illegible]/ 55		.3	.5															8	8	24	
[illegible]4/ 53		.8	.4															11	11	12	
[illegible]2/ 51		.4	.2															6	6	21	
5 / 49																				8	
[illegible]/ 47																					
[illegible]/ 45																					
[illegible]4/ 43																					
TOTAL	2.2	31.2	42.5	19.2	4.5	.4												919	926	919	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tot
Rel. Num.	644269[illegible]	76592	83.3	8.037	919							
Dry Bulb	4344047	63217	68.3	5.530	926			60.9	20.9	.2		
Wet Bulb	3899956	59664	64.9	5.363	919			41.5	4.3			
Dew Point	3676844	57878	63.0	5.879	919			28.6	1.5			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 JUL
STATION STATION NAME YEARS MONTH

 0600-0
HOURS (L.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	De
86/ 85			.1	.1	.2	.2												6	6		
84/ 83				.1	.3	.3	.2											9	9		
82/ 81			.3	.6	1.4	.2	.2											26	26	2	
80/ 79			.4	1.6	1.9	1.1	.1											48	48		
78/ 77		.5	1.4	3.1	2.4	.3	.2											74	74	6	
76/ 75		.6	2.8	4.3	2.3	.4	.1											98	98	27	
74/ 73		2.0	6.0	5.7	1.2	.1												140	140	69	
72/ 71		3.8	6.1	4.3	1.5	.4	.1											151	151	121	
70/ 69		2.2	5.8	2.5	1.1	.3	.1	.1										112	112	164	
68/ 67		2.5	3.4	1.2	.5	.4	.1											76	76	151	
66/ 65	.1	1.6	2.8	2.3	.8	.2												72	72	119	
64/ 63		1.3	1.8	1.5	.3	.1												47	47	73	
62/ 61		.6	.9	1.0	.3													26	26	56	
60/ 59		1.2	1.4	.2	.1													27	27	53	
58/ 57		.3	.4	.3	.1													11	11	43	
56/ 55		.5	.1															6	6	27	
54/ 53		.1																1	1	14	
52/ 51																				5	
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
TOTAL	.1	17.3	33.9	28.8	14.4	4.2	1.2	.1										930	930	930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5805687	72941	78.4	9.556	930							
Dry Bulb	4751423	66261	71.2	5.724	930			74.0	40.1	6.9		
Wet Bulb	4158132	61990	66.7	5.304	930			54.0	10.4	.2		
Dew Point	3853320	59606	64.1	5.962	930			36.9	3.7	.1		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) JU (MON

 0900- (HOURS (L

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			
94/ 93								.3										3	3	
92/ 91							.4	.2	.1			.1						8	8	
90/ 89					.2	.3	1.0	1.0	.6		.1							30	30	
88/ 87			.1	.1	.2	1.0	2.3	1.7	.2	.2	.2	.1						57	57	
86/ 85				.1	.5	3.5	2.7	1.6	.5	.2								86	86	
84/ 83				.4	2.3	4.3	2.8	1.7	.8	.1								115	115	1
82/ 81			.3	.6	4.1	3.3	2.2	1.5	1.0	.1								122	122	6
80/ 79			.3	1.7	3.3	2.9	1.3	1.5	.3	.2								108	108	14
78/ 77		.2	.5	1.8	3.3	2.7	1.4	1.1	.5	.1								109	109	46
76/ 75	.1	.2	.9	3.4	1.7	2.4	1.2	.5	.2	.1								100	100	101
74/ 73		.1	1.2	1.8	1.5	1.1	1.2	.5	.1									70	70	177
72/ 71	.1	.4	1.4	1.0	.6	.2	.3	.3										41	41	140
70/ 69		.2	1.2	.2	.8	.9	.3	.1										34	34	122
68/ 67		.3	.1	.8	.2	.4	.5											22	22	109
66/ 65		.1	.1	.3	.3	.3	.1											12	12	86
64/ 63			.4	.1		.2												7	7	40
62/ 61		.3	.1			.1												5	5	37
60/ 59			.1															1	1	25
58/ 57																				15
56/ 55																				7
54/ 53																				4
52/ 51																				
50/ 49																				
48/ 47																				
46/ 45																				
TOTAL	.2	1.9	6.8	12.5	19.1	23.7	17.6	12.2	4.4	1.1	.3	.2							930	
																		930		930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	3809389	58481	62.9	11.917	930						
Dry Bulb	5872861	73693	79.2	6.000	930			90.5	80.8	47.9	.3
Wet Bulb	4580373	65089	70.0	5.179	930			71.6	34.5	1.4	
Dew Point	3982521	60551	65.1	6.572	930			47.4	8.5	.4	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 J
STATION STATION NAME YEARS MO

 1200
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			
98/ 97											.1							1	1	
96/ 95								.2	.2	.3	.2							9	9	
94/ 93							.2	.8	1.5	.5	.2	.1	.1					32	33	
92/ 91							.3	1.8	2.5	1.2	.5	.4						63	63	
90/ 89						.1	1.4	4.3	3.7	1.1	.4	.6						108	108	
88/ 87					.3	.6	2.0	4.0	2.2	.5	.4							94	94	
86/ 85					.8	3.2	2.7	2.2	2.3	1.8	.1							121	121	
84/ 83			.1	.2	1.5	3.6	2.4	2.2	3.1	1.5	.1		.1					137	137	
82/ 81				.8	1.1	1.7	2.5	1.7	.9	1.3	.3	.1						96	96	6
80/ 79			.3	1.2	1.6	2.0	.9	1.6	1.1	.4	.3							88	88	24
78/ 77		.1	.3	.5	1.3	1.1	1.2	1.3	.4	.1	.1							60	60	73
76/ 75		.1	.3	.4	.5	.4	1.0	.9	.4	.1								39	39	174
74/ 73		.1	.5	1.0	.3	.2	.3	.4	.2									29	29	162
72/ 71			.5	.2	.2	.1	.8	.5										22	22	118
70/ 69			.1		.6	.2	.1	.2										12	12	102
68/ 67					.4		.3											7	7	98
66/ 65		.2																2	2	64
64/ 63		.1	.3															4	4	36
62/ 61		.3																3	3	29
60/ 59																				30
58/ 57																				
56/ 55																				
54/ 53																				
52/ 51																				
50/ 49																				
48/ 47																				
46/ 45																				
44/ 43																				
TOTAL		1.0	2.6	4.3	8.7	13.4	16.1	22.1	18.4	9.0	2.9	1.3	.2					927	928	92

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	2856574	50248	54.2	11.979	927						
Dry Bulb	6505282	77488	83.5	6.148	928			92.1	88.0	71.3	4.3
Wet Bulb	4709851	65907	71.1	5.097	927			75.9	44.0	1.5	
Dew Point	3921612	59960	64.7	6.838	927			45.7	8.0		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) J (MO

 1500 (HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97									.1	.1	.1								3	3	
96/ 95									.3	.4	.3								10	10	
94/ 93								.2	2.1	1.3	.6		.1						40	40	
92/ 91							.4	1.4	2.4	3.0	1.0	.7	.2						81	83	
90/ 89				.1	.2	.6	1.2	2.3	2.6	1.4	.8	.8							92	94	
88/ 87				.1	.1	.4	3.0	1.9	2.8	1.8	1.3								107	107	
86/ 85					.5	1.6	1.6	2.2	2.3	1.7	.9								100	100	
84/ 83			.1	.4	1.4	2.4	2.4	2.3	2.3	1.2	.3	.1	.2						121	121	1
82/ 81				.4	1.5	1.6	2.5	1.0	1.2	1.8	.1	.2							96	96	5
80/ 79			.4	.6	1.9	2.2	1.5	1.3	.6	.6	.1	.1							88	88	23
78/ 77		.1	.9	1.3	1.2	1.2	.4	.9	.5	.2	.1								63	63	73
76/ 75		.1	.9	.5	1.0	.3	.2	.5	.5	.2									40	40	147
74/ 73		.5	.6	.8		.4	.1	.2	.2										27	27	157
72/ 71		.2	.6	.4	.4	.3	.9		.1										28	28	132
70/ 69	.1	.2	.2			.4	.2	.1											12	12	127
68/ 67		.2		.1	.2	.1	.2												8	8	104
66/ 65			.2	.2	.2														6	6	51
64/ 63		.2																	2	2	36
62/ 61		.1																	1	1	31
60/ 59			.1																1	1	11
58/ 57																					1
56/ 55																					
54/ 53																					
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
TOTAL	.1	1.7	4.1	5.1	8.7	11.7	14.7	14.3	18.0	13.9	5.6	1.5	.5							930	
																			926		92

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	2665128	49912	53.9	13.748	926						
Dry Bulb	6533159	77721	83.6	6.391	930			92.0	87.2	70.2	5.3
Wet Bulb	4683178	65694	70.9	4.942	926			77.2	40.8	1.5	
Dew Point	3879018	59594	64.4	6.878	926			42.1	7.3	.2	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 JUL
STATION STATION NAME YEARS MONTH

 1800-2
HOURS (L. S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
94/ 93								.1	.1	.1								3	3		
92/ 91							.2	.3	.4	.3								12	12		
90/ 89					.1	.2	.4	1.3	.6	.4	.2							31	32		
88/ 87					.1	.9	1.6	1.5	.5	.3	.1							47	48		
86/ 85				.1	1.0	1.9	2.0	1.1	1.8	.2	.1							77	77		
84/ 83			.2	1.0	1.5	2.8	1.6	1.6	.9	.8								96	96		
82/ 81		.1	.2	.9	1.7	3.2	2.7	1.7	1.0	.2	.1							110	110	2	
80/ 79		.2	.3	2.8	3.7	2.5	1.3	1.1	.9	.1								119	119	14	
78/ 77		.3	1.1	2.5	3.5	1.9	1.7	.9	.1		.1							112	112	47	
76/ 75	.2	.3	1.3	2.7	2.6	1.1	.6	.3	.1	.2								88	89	94	
74/ 73		.9	1.9	2.2	.8	1.8	.9	.2										80	80	141	
72/ 71		.4	2.6	2.0	.6	.5	.4											62	62	152	
70/ 69		.3	1.1	.3	1.0	.4	.3	.4										36	36	136	
68/ 67		.4	.3	.5	.4	.5												21	21	133	
66/ 65		.4	.2	.5	.5	.1	.1											18	18	74	
64/ 63		.1	.4	.1	.3													9	9	47	
62/ 61				.2	.2	.1												5	5	40	
60/ 59																				20	
58/ 57			.1															1	1	18	
56/ 55																				6	
54/ 53																				3	
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
44/ 41																					
TOTAL	.2	3.6	9.8	15.9	18.0	18.1	14.0	10.6	6.5	2.7	.6							927	930	927	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						± 0 F	± 32 F	≥ 67 F	• 73 F	• 80 F	• 93 F	T
Ref. Hum.	3966099	59371	64.0	13.292	927							
Dry Bulb	5800675	73221	78.7	6.210	930			89.7	77.8	43.5	.3	
Wet Bulb	4334516	64670	69.8	4.980	927			72.1	29.9	.5		
Dew Point	3955770	60270	65.0	6.342	927			43.9	8.0			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424[illegible] STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | JU MON

 2100- HOURS (L

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
[illegible]6/ 85					.1	.2													3	3	
[illegible]4/ 83			.1	.5	.5	.6	.2												19	19	
[illegible]2/ 81			.2	1.1	2.6	1.9	.2												56	56	
[illegible] / 79	.1	.2	1.0	2.2	2.8	1.1	.1												69	69	3
7[illegible]/ 77	.1	.2	3.1	2.2	3.7	1.2	.3												100	100	13
[illegible]6/ 75	.1	1.7	2.8	5.4	3.5	1.2	.4	.2											142	143	43
[illegible]4/ 73	.1	2.4	3.9	6.0	1.7	1.5	.3												148	149	113
[illegible]2/ 71		.9	5.6	2.7	2.6	1.0	.2												120	120	117
[illegible] / 69		1.4	4.3	2.5	1.0	.9		.1											94	94	147
6[illegible]/ 67	.1	1.6	2.4	.9	1.2	.2	.1												60	60	154
[illegible]6/ 65		1.2	1.7	2.1	.6	.3	.1												56	56	104
[illegible]4/ 63		.5	.6	1.0	.1	.1													22	22	90
[illegible]2/ 61		.4	.3	1.2	.1														19	19	43
[illegible] / 59		.2	.3	.3	.2														10	10	49
5[illegible]/ 57		.2	.2	.2															6	6	19
5[illegible]/ 55		.1	.1																2	2	18
[illegible]4/ 53																					10
[illegible]2/ 51																					3
5[illegible]/ 49																					
[illegible]2/ 47																					
4[illegible]/ 45																					
TOTAL	.5	11.1	26.8	28.2	20.7	10.3	2.1	.3												928	
																			926		926

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	5346479	69707	75.3	10.351	926						
Dry Bulb	4985644	67834	73.1	5.415	928			81.5	50.0	11.4	
Wet Bulb	4262680	62646	67.7	5.150	926			59.3	17.3		
Dew Point	3903279	59859	64.6	6.049	926			40.4	7.1		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

724240 FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TO
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet
98/ 97									.0	.0	.0							4	4	
96/ 95								.0	.1	.1	.1							19	19	
94/ 93							.0	.2	.5	.2	.1	.0	.0					78	79	
92/ 91							.2	.5	.7	.6	.2	.1	.0					164	166	
90/ 89				.0	.1	.2	.5	1.1	.9	.4	.2	.2						261	264	
88/ 87			.0	.0	.1	.4	1.1	1.1	.7	.4	.3	.0						305	306	
86/ 85			.0	.0	.4	1.3	1.1	.9	.9	.5	.1							393	393	
84/ 83			.1	.3	.9	1.8	1.2	1.0	.9	.4	.1	.0	.0					497	497	
82/ 81		.0	.1	.6	1.6	1.6	1.3	.7	.5	.4	.1	.0						513	513	
80/ 79	.0	.1	.4	1.5	2.1	1.5	.6	.7	.4	.2	.1	.0						565	565	
78/ 77	.0	.3	1.4	2.0	2.2	1.1	.7	.5	.2	.1	.0							619	619	
76/ 75	.1	.7	1.7	3.1	1.8	.8	.4	.3	.2	.1								669	673	
74/ 73	.1	1.3	2.9	3.2	.8	.7	.4	.2	.1									706	710	
72/ 71	.1	1.7	3.9	2.1	1.0	.4	.3	.1	.0									716	717	
70/ 69	.1	1.3	3.4	1.3	.7	.4	.1	.1										561	565	1
68/ 67	.1	1.6	2.2	.9	.5	.3	.2											423	426	1
66/ 65	.1	1.5	1.4	1.1	.4	.1	.0											350	350	
64/ 63	.0	.9	1.1	.7	.1	.1												215	215	
62/ 61	.1	.7	.7	.5	.1	.0												154	154	
60/ 59		.5	.6	.1	.1													94	94	
58/ 57		.1	.4	.2	.0													53	53	
56/ 55		.2	.2	.0														27	27	
54/ 53		.1	.1															17	17	
52/ 51		.1	.0															6	6	
50/ 49																				
48/ 47																				
46/ 45																				
44/ 43																				
42/ 41																				
TOTAL	.6	11.1	20.5	17.7	12.9	10.6	8.2	7.5	5.9	3.3	1.2	.4	.1						7432	
																		7409		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	37149377	511589	69.0	15.693	7409						
Dry Bulb	43396459	564675	76.0	8.146	7432			652.3	481.3	253.4	10.
Wet Bulb	34891520	506740	68.4	5.608	7409			500.2	191.2	5.1	
Dew Point	30963193	476649	64.3	6.348	7409			317.9	48.5	.7	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

 DO
HOU

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOT	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet B
[illegible] / 79			.1	.1	.2													4	4	
7[illegible] / 77		.2	.4	1.2	.8		.1											25	25	
76 / 75		1.1	3.9	4.3	1.0	.6	.2											103	103	
74 / 73	.1	2.9	5.9	5.2	1.5	.6	.3											154	154	
72 / 71		2.3	6.4	3.6	1.0	.6	.1											129	129	
7[illegible] / 69	.2	3.4	5.4	2.2	.8	.2	.1											114	114	1
6[illegible] / 67	.2	3.8	5.2	1.1	1.4	.1	.4											113	113	1
66 / 65		2.6	4.0	1.8	.4													82	82	1
64 / 63	.2	2.2	2.3	1.8	.9													68	68	1
62 / 61	.1	.4	2.5	1.4	.5	.3	.1											50	50	
60 / 59		1.0	1.8	1.1	.1	.2												39	39	
5[illegible] / 57		.3	1.0	.4	.2													18	18	
56 / 55		.9	.5	.1														14	14	
54 / 53		.1	.5	.2														8	8	
52 / 51		.4	.3															7	7	
5[illegible] / 49			.1															1	1	
48 / 47																				
46 / 45																				
44 / 43																				
42 / 41																				
4[illegible] / 39																				
TOTAL	.9	21.5	40.3	24.4	8.7	2.8	1.4												929	
																		929		9

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	5975574	73954	79.6	9.759	929						
Dry Bulb	4418759	63857	68.7	5.628	929			64.3	28.6		
Wet Bulb	3906867	60013	64.6	5.691	929			41.9	3.0		
Dew Point	3620224	57664	62.1	6.644	929			28.1	1.3		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOT Dry Bulb	TOT Wet B
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31			
7 / 77			.1															1	1	
76/ 75		.3	1.2	2.3	.5													40	40	
4/ 73	.1	2.0	5.6	3.1	.4	.5												110	110	
2/ 71	.2	4.6	6.7	2.3	1.4	.2												143	143	
/ 69	.2	5.9	6.3	2.3	.6	.3												145	145	1
6/ 67	.3	3.9	5.6	.6	.2	.4	.4											107	107	1
6/ 65	.2	4.5	3.7	1.2	.2	.4												95	95	1
4/ 63	.1	2.8	3.8	1.4														75	75	1
2/ 61	.4	2.2	2.3	1.0		.1												55	55	
/ 59		1.5	3.2	1.5	.2	.1												61	61	
/ 57		1.8	1.5	.8		.2												40	40	
5/ 55		1.1	.9	.1		.2												21	21	
4/ 53		1.3	.1															13	13	
2/ 51		.5	1.1															15	15	
/ 49		.2	.1															3	3	
/ 47		.3																3	3	
6/ 45																				
4/ 43																				
2/ 41																				
/ 39																				
3/ 37																				
TOTAL	1.6	33.1	42.1	16.5	3.7	2.6	.4												927	
																		927		9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	6376513	76413	82.4	9.164	927						
Dry Bulb	4167442	61918	66.8	5.850	927			54.8	15.1		
Wet Bulb	3756821	58759	63.4	5.907	927			35.9	1.0		
Dew Point	3514657	56739	61.2	6.721	927			22.8	.2		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TO
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet
86/ 85								.2										2	2	
84/ 83					.1			.1										2	2	
82/ 81			.1	.3	.8		.4											15	15	
80/ 79		.1		.5	.5													11	11	
78/ 77		.1	.6	1.7	.5	1.1	.1											39	39	
76/ 75		.6	2.8	2.0	1.1	.3		.2										66	66	
74/ 73		1.9	4.6	4.5	1.1	1.1	.3											126	126	
72/ 71		4.5	5.8	4.0	.6	.4	.1	.1										145	145	
70/ 69	.3	4.6	5.2	1.7	1.0	.4	.2											125	125	1
68/ 67	.8	4.7	3.9	1.7	1.1	.4	.9	.1										126	126	1
66/ 65		1.9	3.2	1.9	.5		.1											72	72	1
64/ 63		2.0	2.2	1.5	.3	.1	.1											58	58	
62/ 61	.2	1.2	2.0	1.2	.5													48	48	
60/ 59		1.0	1.8	1.0		.1												36	36	
58/ 57		1.3	1.1	.9		.1												31	31	
56/ 55		.5	.4	.2														11	11	
54/ 53		.9	.1	.1														10	10	
52/ 51		.1	.4															5	5	
50/ 49			.1															1	1	
48/ 47																				
46/ 45																				
44/ 43																				
42/ 39																				
38/ 37																				
TOTAL	1.3	25.6	34.4	23.4	8.2	4.1	2.3	.8											929	
																		929		9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	5992357	73923	79.6	10.893	929						
Dry Bulb	4441568	63998	68.9	5.945	929			65.8	26.1	2.6	
Wet Bulb	3918707	60101	64.7	5.734	929			42.9	4.7		
Dew Point	3627735	57727	62.1	6.618	929			28.5	1.0		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOT
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet
[illegible]6/ 95												•2						2	2	
[illegible]4/ 93											•4							4	4	
[illegible]2/ 91										•1								1	1	
[illegible]0/ 89								•8	•1	•3	•2							13	13	
[illegible]8/ 87						•3	1•8	•2	•5	•1								28	28	
[illegible]6/ 85				•1	•8	2•5	1•9	•8	•4		•1							61	61	
[illegible]4/ 83				•9	1•3	3•2	1•5	•9	•2		•3							77	77	
[illegible]2/ 81				1•3	2•6	2•8	1•4	1•1	•4	•2								91	91	
[illegible] / 79			•3	2•5	3•8	2•0	1•6	1•6	•2	•2	•1							115	115	
78/ 77		•1	1•0	2•3	3•5	1•9	1•7	•5	•5	•1								109	109	
76/ 75		•2	1•7	2•5	1•6	1•7	1•6	1•3	•5	•1								105	105	
74/ 73		•6	1•7	2•0	1•5	2•3	•9	•9	•1									93	93	1
72/ 71	•1	1•2	2•6	1•2	1•6	1•4	1•8	•6	•1									99	99	1
70/ 69	•3	1•2	1•7	•5	•3	1•3	•5	•1										56	56	1
68/ 67		•5	•4	•3	•8	1•6	•3	•1										38	38	1
[illegible]6/ 65		•6	•3	•3	•6	•4												22	22	
[illegible]4/ 63		•1	•2	•1	•3	•1	•1											9	9	
[illegible]2/ 61				•3		•1												4	4	
[illegible]/ 59				•1														1	1	
58/ 57			•1	•1														2	2	
56/ 55																				
[illegible]4/ 53																				
[illegible]2/ 51																				
5 / 49																				
[illegible]8/ 47																				
44/ 43																				
[illegible]2/ 41																				
4 / 39																				
TOTAL	•4	4•6	10•1	14•5	18•7	21•7	15•3	8•8	3•2	1•2	1•2	•2						930	930	
																		930		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	4026382	59876	64.4	13.583	930						
Dry Bulb	5556318	71660	77.1	6.107	930			89.2	69.9	33.7	.6
Wet Bulb	4382695	63643	68.4	5.430	930			62.8	24.9	.1	
Dew Point	3806977	59133	63.6	7.118	930			36.9	4.7		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU

72240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry Bulb	W
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	12 - 14	15 - 16	17 - 18	19 - 20	21 - 22	22 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
98/ 97												.1	.1					2	2	
96/ 95											.1	.5	.1					7	7	
94/ 93								.2		.2	1.1	.3						17	17	
92/ 91				.1			.1	.4	.8	.9	.2		.1					24	24	
90/ 89						.2	1.3	3.3	1.9	.8	.1	.1						72	72	
88/ 87						1.2	2.5	2.8	2.0	.4	.3	.5						91	91	
86/ 85				.1	.9	2.3	3.1	2.3	1.5	1.4	.3	.2						112	112	
84/ 83			.1	.3	.5	2.3	2.6	1.9	2.3	.3	.4	.1	.1					102	102	
82/ 81			.1	.5	1.9	1.9	2.3	2.2	2.3	1.2	.3							118	118	
80/ 79				.5	1.4	1.9	2.0	1.8	1.2	1.5	.2							99	99	
78/ 77			.2	1.0	1.2	1.8	.9	1.0	2.0	1.0								84	84	
76/ 75		.2	1.3	1.1	1.3	.5	.9	1.7	.4	.3								72	72	
74/ 73		.5	.9	1.8	.4	.4	1.1	.8	.1	.1								57	57	
72/ 71		.4	.9	.3	.1	.1	.6	.6	.1	.1								31	31	
70/ 69	.1	.4	.4	.1	.1	.1	.8	.1	.1									21	21	
68/ 67	.1	.3	.4		.2	.3	.2											15	15	
66/ 65		.2		.1														3	3	
64/ 63					.2													2	2	
62/ 61					.1													1	1	
60/ 59																				
58/ 57																				
56/ 55																				
54/ 53																				
52/ 51																				
50/ 49																				
48/ 47																				
46/ 45																				
44/ 43																				
42/ 39																				
TOTAL	.2	2.2	4.3	6.0	8.4	13.1	18.3	19.1	14.7	8.2	3.1	1.9	.4						930	
																		930		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 92 F
Ref. Num.	3010661	51257	55.1	14.136	930						
Dry Bulb	6224260	75866	81.6	6.172	930			92.4	85.7	60.2	2
Wet Bulb	4543337	64819	69.7	5.249	930			69.6	33.7	.5	
Dew Point	3761957	58741	63.2	7.463	930			37.3	5.8	.1	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424[illegible] FT KNOX/GOODMAN AAF KY 65-70,75-78

STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTA	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bu
[illegible]/ 95											.2	.3						5	5	
94/ 93								.1		.4	1.0	.4						18	18	
[illegible]/ 91							.3	.2	1.1	1.2	.3		.1					30	30	
[illegible]/ 89						.6	1.1	2.9	1.9	.8	.2	.3						73	73	
88/ 87					.4	1.3	3.1	2.9	1.9	.8	.3							100	100	
86/ 85			.1	.1	.4	2.2	3.0	2.9	1.9	2.5	.6	.6						134	134	
84/ 83				.3	.1	1.3	2.3	2.0	2.3	1.3	.6							95	95	
82/ 81			.2	.3	1.2	2.8	1.5	2.2	1.1	1.1	.2							98	98	
[illegible]/ 79				.6	1.0	2.7	2.5	2.2	1.7	1.9	.2							119	119	1
7[illegible]/ 77			.2	1.7	1.5	1.3	1.0	1.7	.9	1.0								86	86	4
76/ 75	.1	.4	1.1	1.0	1.5	.3	.1	2.2	.6	.3	.3							74	74	10
74/ 73		.5	1.4	.5	.3	.1	.6	.6	.1									40	40	16
72/ 71		.1	1.2	.3		.2	.4	.4	.5									30	30	12
[illegible]/ 69	.2		.4		.1	.1	1.0	.1										18	18	11
66/ 67	.1				.1	.3	.1											6	6	13
66/ 65		.3				.1												4	4	5
64/ 63																				7
62/ 61																				3
[illegible]/ 59																				2
58/ 57																				1
5[illegible]/ 55																				
54/ 53																				
52/ 51																				
5[illegible]/ 49																				
4[illegible]/ 47																				
46/ 45																				
44/ 43																				
4[illegible]/ 39																				
3[illegible]/ 37																				
TOTAL	.4	1.4	4.6	4.9	6.7	13.3	17.0	20.4	14.1	11.2	4.1	1.7	.1						930	
																		930		93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	2904690	50318	54.1	14.005	930						
Dry Bulb	6290506	76292	82.0	5.863	930			92.6	87.2	62.6	2.3
Wet Bulb	4553601	64901	69.8	5.127	930			71.2	33.2	.9	
Dew Point	3748934	58640	63.1	7.443	930			36.2	5.5		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 89							.2	.2	.2	.2								8	8	
88 / 87					.1	.2	.4	1.4	.3	.1								24	24	
86 / 85				.2	.5	1.8	1.5	1.0	.4	.1								52	52	
84 / 83			.2	.2	1.1	2.5	1.7	1.2	.9	.1								73	73	
82 / 81				1.1	2.9	2.2	2.0	.6	.5	.3								90	90	
80 / 79			.2	2.8	2.9	2.5	1.3	.9	.8									105	105	5
78 / 77			1.1	1.9	3.2	2.0	1.4	1.0	.4	.1								104	104	16
76 / 75		.4	2.0	4.2	3.1	1.7	1.2	1.7	.4									138	138	56
74 / 73	.2	.6	2.0	2.8	1.7	1.1	1.3	.1	.2									94	94	145
72 / 71		1.0	2.6	2.2	1.2	1.5	.9	.1										87	87	134
70 / 69	.3	.3	1.8	1.8	1.8	1.3	.2	.2										73	73	141
68 / 67		.1	.4	.6	1.0	.8	.5	.1										33	33	125
66 / 65		.5	.1	.6	.4		.2											18	18	81
64 / 63				.3	.5	.4												12	12	71
62 / 61			.1	.4	.3	.4												12	12	64
60 / 59			.2	.2	.3													7	7	31
58 / 57																				17
56 / 55																				1
54 / 53																				1
52 / 51																				
50 / 49																				
48 / 47																				
46 / 45																				
44 / 43																				
TOTAL	.5	3.0	10.9	19.5	21.2	18.4	12.9	8.5	4.2	1.0								930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	4132983	60841	65.4	12.822	930						
Dry Bulb	5465746	71076	76.4	6.023	930			88.1	68.8	31.1	
Wet Bulb	4345593	63377	68.1	5.353	930			62.2	22.2	.2	
Dew Point	3795740	59072	63.5	6.850	930			36.9	4.2		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUI

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	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	D.B./W.B.	Dry Bulb
84/ 83								.1										1	1
82/ 81				.5	.8	.3												15	15
80/ 79		.1	.6	1.7	2.2	1.4	.3	.1										60	60
78/ 77		.3	2.0	4.8	2.9	.8	.9											108	108
76/ 75		.4	3.8	4.2	2.2	.9	.3	.1										110	110
74/ 73		1.7	4.8	5.1	1.4	1.5	.6	.1										142	142
72/ 71		2.5	3.8	2.4	1.5	1.2	.5	.1										111	111
70/ 69	.3	2.0	4.1	3.5	1.3	.9	.2											115	115
68/ 67		1.4	4.3	1.5	2.0	.5	.1	.2										91	91
66/ 65		1.4	2.5	2.2	1.6	.3												74	74
64/ 63		.3	1.2	1.7	.4	.2	.4											40	40
62/ 61		.1	.5	.9	.4	.2												20	20
60/ 59		.2	1.0	.9	.1	.1												21	21
58/ 57		.1	.8	.2	.1													11	11
56/ 55			.2	.9														10	10
54/ 53																			
52/ 51			.1															1	1
50/ 49																			
48/ 47																			
46/ 45																			
44/ 43																			
42/ 41																			
TOTAL	.3	10.6	29.4	30.4	16.9	8.3	3.3	.8										930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	5323581	69649	74.9	10.756	930						
Dry Bulb	4765169	66369	71.4	5.566	930			75.3	43.6	3.9	
Wet Bulb	4081904	61392	66.0	5.610	930			49.4	9.0		
Dew Point	3711729	58411	62.8	6.810	930			34.4	2.6		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOT Dry Bulb	Wet
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
[illegible]8/ 97												.0	.0					2	2	
[illegible]6/ 95											.0	.1	.0					14	14	
[illegible]4/ 93								.0		.1	.3	.1						39	39	
[illegible]2/ 91				.0			.1	.1	.2	.3	.1		.0					55	55	
[illegible] / 89						.1	.3	.9	.5	.3	.1	.1						166	166	
[illegible]8/ 87					.1	.4	1.0	.9	.6	.2	.1	.1						243	243	
[illegible]6/ 85			.0	.1	.3	1.1	1.2	.9	.5	.5	.1	.1						361	361	
[illegible]4/ 83			.0	.2	.4	1.2	1.2	.8	.7	.2	.2	.0	.0					350	350	
[illegible]2/ 81			.1	.5	1.3	1.3	1.0	.8	.5	.3	.1							427	427	
[illegible] / 79		.0	.2	1.1	1.5	1.3	1.0	.8	.5	.5	.1							513	513	
78/ 77		.1	.7	1.8	1.7	1.1	.7	.5	.5	.3								556	556	1
76/ 75	.0	.5	2.2	2.7	1.5	.8	.5	.9	.3	.1	.0							708	708	1
74/ 73	.1	1.4	3.4	3.1	1.0	1.0	.6	.3	.1	.0								816	816	
72/ 71	.0	2.1	3.7	2.0	.9	.7	.6	.3	.1	.0								775	775	
70/ 69	.3	2.2	3.2	1.5	.8	.6	.4	.1	.0									667	667	1
68/ 67	.2	1.8	2.5	.7	.8	.6	.4	.1										529	529	1
66/ 65	.0	1.5	1.7	1.0	.5	.2	.0											370	370	
64/ 63	.0	.9	1.2	.9	.3	.1	.1											264	264	
62/ 61	.1	.5	.9	.6	.2	.1	.0											190	190	
60/ 59		.5	1.0	.6	.1	.1												165	165	
58/ 57		.4	.6	.3	.0	.0												102	102	
56/ 55		.3	.3	.2		.0												56	56	
54/ 53		.3	.1	.0														31	31	
52/ 51		.1	.2															28	28	
50/ 49		.0	.0															5	5	
48/ 47		.0																3	3	
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
38/ 37																				
TOTAL	.7	12.8	22.0	17.5	11.6	10.5	8.9	7.3	4.5	2.7	1.0	.5	.1						7435	
																		7435		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	37742741	516231	69.4	15.985	7435						
Dry Bulb	41329768	551036	74.1	8.122	7435			622.5	425.3	194.2	5.
Wet Bulb	33489525	497005	66.8	5.986	7435			436.1	131.8	1.7	
Dew Point	29587953	466127	62.7	7.005	7435			264.2	25.3	.1	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424C — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70, 75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	Dry Bulb	Wet
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 79					.1														1	1	
78 / 77			.1	.9	.4														13	13	
76 / 75		.2	.7	1.0	.6														22	22	
74 / 73		1.2	1.0	2.2															40	40	
72 / 71	.1	3.8	5.0	1.2	.4	.2	.1												98	98	
70 / 69		2.6	5.9	.9		.4													88	88	
68 / 67		2.0	4.0	.9	.3	.1													66	66	1
66 / 65		1.6	2.9	2.1	1.2														70	70	
64 / 63		2.3	1.9	3.0	.4														69	69	
62 / 61		2.8	2.8	1.9	.1														68	68	
60 / 59	.1	1.7	4.0	1.8	.1														69	69	
58 / 57		1.0	4.2	1.8	1.0														72	72	
56 / 55		1.9	3.3	1.6	.2														63	63	
54 / 53	.2	2.9	2.1	1.4															60	60	
52 / 51	.1	1.4	1.8	.8	.2														39	39	
50 / 49		1.1	1.7	.2															27	27	
48 / 47	.1	.9	.8	.1															17	17	
46 / 45		.2	.3	.1															6	6	
44 / 43		.4	.1																5	5	
42 / 41		.3	.1																4	4	
40 / 39		.3																	3	3	
38 / 37																					
36 / 35																					
TOTAL	.7	28.7	42.7	21.9	5.2	.8	.1													900	
																			900		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	5926500	72590	80.7	8.931	900						
Dry Bulb	3578536	56300	62.6	7.939	900			32.8	7.6		
Wet Bulb	3190096	53120	59.0	7.810	900			21.7	.4		
Dew Point	2933768	50812	56.5	8.505	900			12.3			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TO Dry Bulb	Wet
7[illegible] / 77				.1														1	1	
76 / 75			.4	.8														11	11	
74 / 73		1.1	1.3	1.9		.1												40	40	
72 / 71	.1	2.3	2.2	1.6	.3		.1											60	60	
7[illegible] / 69	.1	4.1	4.4	.7		.3												87	87	
68 / 67		2.9	3.8	.2	.3	.1												66	66	
66 / 65		2.9	4.3	.6	.7													76	76	
64 / 63	.1	2.9	2.8	2.2	.4													76	76	
62 / 61	.1	2.9	3.0	.6														59	59	
[illegible] / 59	.1	2.6	3.9	1.2														70	70	
56 / 57	.3	1.7	3.6	.4														54	54	
56 / 55		3.1	4.2	.8	.3													76	76	
54 / 53	.3	2.8	2.9	1.7														69	69	
52 / 51	.2	2.1	3.0	.2														50	50	
50 / 49	.2	2.1	1.4															34	34	
48 / 47		2.0	1.2	.1														30	30	
46 / 45	.3	1.4	.2															18	18	
44 / 43		.7	.4															10	10	
42 / 41		.3	.3															6	6	
40 / 39		.2																2	2	
38 / 37		.6																5	5	
36 / 35																				
34 / 33																				
TOTAL	2.0	38.7	43.6	13.0	2.1	.6	.1												900	
																		900		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	6262817	74701	83.0	8.341	900						
Dry Bulb	3387174	54716	60.8	8.216	900			26.5	5.2		
Wet Bulb	3062979	52005	57.8	8.029	900			15.6	.2		
Dew Point	2844214	50004	55.6	8.568	900			9.2			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TO Dry Bulb	TO Wet
92 / 91			.1															1	1	
80 / 79				.3														3	3	
78 / 77			.1	.2	.7													9	9	
76 / 75		.1	.6	1.8	.4													26	26	
74 / 73		1.0	1.8	2.4	.1		.1											49	49	
72 / 71	.3	1.7	3.4	1.2	.6		.2											67	67	
70 / 69	.1	2.9	4.3	1.1	.1	.2												79	79	
68 / 67	.1	2.0	3.3	.9	.4	.3												64	64	
66 / 65		2.1	2.9	1.8	.4	.1												66	66	
64 / 63	.1	3.4	2.6	2.1	.6	.1												80	80	
62 / 61		2.0	3.0	1.4	.6	.1												64	64	
60 / 59	.1	3.2	3.8	1.4	.6													82	82	
58 / 57	.1	1.8	3.8	.9	.3													62	62	
56 / 55	.1	2.0	3.0	1.4	.4													63	63	
54 / 53	.1	3.3	1.7	1.6														60	60	
52 / 51	.4	3.0	1.9	.4														52	52	
50 / 49		1.0	1.8															25	25	
48 / 47		1.1	.7															16	16	
46 / 45		1.2	.3															14	14	
44 / 43	.1	.7	.2															9	9	
42 / 41		.4																4	4	
40 / 39		.3																3	3	
38 / 37		.2																2	2	
36 / 35																				
TOTAL	1.7	33.6	39.2	19.1	5.2	.9	.3											900	900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	6052486	73324	81.5	9.356	900						
Dry Bulb	3517253	55777	62.0	8.204	900			29.8	8.8	.1	
Wet Bulb	3141625	52699	58.6	7.883	900			17.9	.7		
Dew Point	2900642	50530	56.1	8.415	900			11.2	.3		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOT
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B.-W.B.	Dry Bulb	Wet
[illegible] / 89									.1									1	1	
[illegible]8 / 87							.2	.2										4	4	
[illegible]6 / 85					.2	.8	.6	.6	.1		.1							21	21	
[illegible]4 / 83				.1	.4	1.7	1.1	.1			.1							32	32	
[illegible] / 81				.1	.4	2.9	.9			.1								40	40	
[illegible] / 79			.2	.8	1.9	1.9	.6	.2	.4									54	54	
7[illegible] / 77			.1	1.4	2.6	.8	1.0	1.1	.4	.1								68	68	
[illegible]6 / 75		.6	1.2	1.8	1.3	1.9	1.2	1.2	.2									85	85	
[illegible]4 / 73		.1	1.1	2.4	1.2	1.1	1.0	.4	.2									69	69	
[illegible]2 / 71			1.7	1.7	1.7	1.3	1.4	.8	.3									80	80	
[illegible] / 69	.1	.4	1.4	1.6	1.2	1.6	1.3	.6	.3									77	77	
6[illegible] / 67	.2	.2	1.0	1.7	1.1	1.2	1.4	.2	.1									65	65	
[illegible]6 / 65		.7	1.2	2.0	1.9	1.2	.7	.3	.1									73	73	
[illegible]4 / 63		1.3	1.3	1.8	1.3	1.2	.8		.1									71	71	
[illegible]2 / 61		.7	.7	1.3	.9	.8	.2	.1										42	42	
[illegible] / 59		.3	1.0	1.3	.9	.7												38	38	
[illegible] / 57		.7	.8	.6	.7	.4												28	28	
5[illegible] / 55		.9	1.0	.1	.6													23	23	
[illegible]4 / 53		.6	.3	.6	.1													14	14	
[illegible]2 / 51		.9		.1														9	9	
5[illegible] / 49				.2														2	2	
[illegible] / 47			.1															1	1	
4[illegible] / 45		.3																3	3	
[illegible]4 / 43																				
[illegible]2 / 41																				
[illegible] / 39																				
3[illegible] / 37																				
[illegible] / 35																				
3[illegible] / 33																				
TOTAL	.3	7.7	13.2	19.6	18.4	19.4	12.4	5.9	2.6	.2	.2								900	
																		900		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F
Rel. Hum.	4042468	58986	65.5	14.013	900						
Dry Bulb	4506326	63250	70.3	8.255	900			59.6	37.4	12.5	
Wet Bulb	3588185	56445	62.7	7.318	900			30.7	8.9		
Dew Point	3058803	51869	57.6	8.791	900			19.4	1.5		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

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 Bu
9[illegible]/ 91								.1	.6	.2								8	
9[illegible]/ 89						.1		1.0	.8	.3	.2							22	2
88/ 87						.7	.9	2.6	.4	.1		.2						44	4
86/ 85					.1	.8	2.0	1.9	.8	.1		.1						52	5
84/ 83				.1	.7	.8	1.8	1.8	.9	.4	.6							63	6
82/ 81				.1	.2	2.0	.8	1.2	1.6	1.0	.4							66	6
80/ 79			.1	.2	.9	2.0	1.4	1.1	1.6	1.2	.1							78	7
78/ 77		.1	.2	.6	1.8	.7	2.0	2.1	1.7	.4	.1							87	8
76/ 75		.6	.6	1.0	1.4	1.0	1.4	1.8	1.4	.8	.1							91	9
74/ 73			.2	1.0	.6	1.2	2.8	1.6	1.0	.2								77	7
72/ 71		.4	.6	.3	.8	1.9	1.3	1.3	1.3	.1								73	7
70/ 69	.1	.1	.7	.8	.4	1.0	1.6	1.2	.4									57	5
68/ 67		.2	.2	.3	1.0	1.0	1.1	.9	.2	.1								46	4
66/ 65			1.9	.9	.3	.9	.9	.9	.2									54	5
64/ 63		.4	.7	.1	.8	.3	.4											25	2
62/ 61				.4	.6		.2	.1										12	1
60/ 59		.2	.2	.2			.2											8	
58/ 57		.6	.1	.4														10	1
56/ 55		.3	.4															7	
54/ 53		.9		.2														10	1
52/ 51			.2	.1	.2													5	
50/ 49			.1	.1														2	
48/ 47																			
46/ 45		.3																3	
44/ 43																			
42/ 41																			
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
TOTAL	.1	4.2	6.2	7.0	9.8	14.3	18.9	19.6	12.9	5.1	1.6	.3							
																		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F
Rel. Hum.	2974244	49976	55.5	14.883	900					
Dry Bulb	5162419	67743	75.3	8.397	900			76.4	58.8	29.8
Wet Bulb	3781798	57994	64.4	7.059	900			36.2	13.7	.1
Dew Point	3038085	51655	57.4	9.034	900			19.7	2.2	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

72240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

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 Bul
92/ 91									.1	.6								6	
90/ 89								1.2	1.1	.4								25	2
88/ 87					.1	.3	.8	1.8	1.4	.2			.2					44	4
86/ 85					.3	.4	1.7	1.8	.9	.2	.3							51	5
84/ 83				.3	.4	1.3	1.2	1.2	.4	.4	.4							53	5
82/ 81				.2	.4	2.6	2.3	1.4	1.1	1.0	.2							84	8
80/ 79				.8	1.2	1.6	1.1	2.1	3.1	.9								97	9
78/ 77		.1	.3	.3	1.1	.7	.9	2.3	2.2	1.1	.1							83	8
76/ 75		.1	.6	.3	1.1	.4	.9	2.1	1.1	.7	.2							68	6
74/ 73		.2	.3	.3	.9	1.4	2.8	2.6	.9	.7								91	9
72/ 71		.3	.4	.9	.6	.3	1.7	1.8	1.2	.1								66	6
70/ 69		.7	.6	.6	.6	1.0	.6	1.0	.7	.4								54	5
68/ 67		.3	.6	1.0	.1	.8	1.6	.8	.2	.1								49	4
66/ 65		.1	1.4	1.7	.4	.9	.4	1.0	.1									55	5
64/ 63		.6	.1		.4	.4	.2	.1										17	1
62/ 61		.2	.1	.6	.6		.4											17	1
60/ 59		.1	.4	.1	.2													8	
58/ 57			.4	.4														8	
56/ 55		.3																3	
54/ 53		.9	.1	.1	.1													11	
52/ 51				.1	.2													3	
50/ 49			.1		.1													2	
48/ 47			.2															2	
46/ 45		.3																3	
44/ 43																			
42/ 41																			
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
TOTAL		4.3	5.8	7.8	9.0	12.2	16.6	21.2	14.7	6.9	1.3		.2					900	9

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Rel. Hum.	2911485	49351	54.8	15.114	900					
Dry Bulb	5184785	67903	75.4	8.281	900			77.1	60.2	32.0
Wet Bulb	3772617	57933	64.4	6.954	900			35.0	13.7	
Dew Point	3014450	51454	57.2	8.997	900			16.6	1.8	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

72424? FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

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 B
9?/ 89									.2									2	
88/ 87							.4	.1										5	
86/ 85						.1	.1	.3										5	
84/ 83					.2	.6	.3											10	
82/ 81				.4	1.4	1.6	1.0	.1	.1									42	
80/ 79			.7	.8	1.6	1.2	.4	.4		.1								47	
78/ 77			.9	1.4	1.9	1.0	.4	.2	.2									55	
76/ 75		.2	1.4	2.7	2.7	.9	1.0	.7	.2									88	
74/ 73		.4	1.9	1.7	1.4	1.0	.7	.2										66	
72/ 71		.2	1.2	2.4	1.7	1.4	1.6	.4										81	
70/ 69		1.1	1.0	1.8	1.7	2.1	.6	.3										77	
68/ 67		.7	1.4	1.3	3.2	1.9	.6	.1	.1									84	
66/ 65		.3	1.8	2.7	2.8	1.1	.4	.1										83	
64/ 63		1.4	1.7	1.9	1.7	1.0	.7											75	
62/ 61		.4	.2	1.3	2.4	.6												45	
60/ 59		.7	1.6	1.6	1.2	.7												51	
58/ 57		.2	1.?	1.0	.3	.2												28	
56/ 55		.3	.?	.8	.4													22	
54/ 53		1.3		.2														14	
52/ 51		.2	.4															6	
50/ 49			.3															3	
48/ 47		.1	.4	.1														6	
46/ 45		.2	.2															4	
44/ 43																			
42/ 41		.1																1	
40/ 39																			
38/ 37																			
36/ 35																			
TOTAL		8.1	17.4	22.1	24.7	15.3	8.2	3.1	.9	.1								900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperatu				
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Rel. Hum.	4302092	61226	68.0	12.343	900					
Dry Bulb	4354189	62185	69.1	8.001	900			56.2	32.0	9.2
Wet Bulb	3539396	56060	62.3	7.267	900			29.9	7.6	
Dew Point	3061328	51940	57.7	8.425	900			17.7	1.3	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	D
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		
8[illegible] / 79				.3	1.2													14	
7[illegible] / 77			.3	1.7	.9	.1												27	
[illegible]6 / 75		.2	1.3	1.4	1.6													41	
74 / 73		1.4	3.4	2.7	.8		.2											77	
7[illegible] / 71		1.2	4.7	3.3	.7	.3	.1											93	
[illegible] / 69		.8	3.6	2.8	.4	.2												70	
6[illegible] / 67		1.0	2.3	1.4	2.6	.3												69	
[illegible]6 / 65		.7	1.8	3.1	2.0	.2												70	
64 / 63		1.8	3.3	3.1	1.4	.1												88	
62 / 61		1.9	2.3	3.0	.9	.3												76	
[illegible] / 59		.1	3.4	2.4	1.3	.6												71	
5[illegible] / 57		.7	3.3	2.1	.9	.1												64	
5[illegible] / 55		.8	2.7	.9	.3													42	
54 / 53		1.9	1.6	.9	.2													41	
[illegible]2 / 51		1.0	1.4	.6														27	
5[illegible] / 49	.1	.2	1.0	.2														14	
[illegible] / 47		.2	.2															4	
4[illegible] / 45		.4	.2															6	
[illegible]4 / 43			.4															4	
[illegible]2 / 41		.2																2	
4[illegible] / 39																			
3[illegible] / 37																			
TOTAL	.1	14.6	37.4	30.0	15.2	2.3	.3											900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperat				
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Rel. Hum.	5337629	68761	76.4	9.678	900					
Dry Bulb	3822725	58245	64.7	7.700	900			39.1	15.9	.[illegible]
Wet Bulb	3309463	54159	60.2	7.484	900			23.1	2.2	
Dew Point	2986367	51295	57.0	8.360	900			15.4	.1	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31		
[illegible] / 91								.0	.1	.1								14	
[illegible] / 89						.0		.3	.3	.1	.0							50	
88 / 87					.0	.1	.3	.6	.2	.0		.0	.0					97	
86 / 85					.1	.3	.5	.6	.2	.0	.1	.0						129	
84 / 83				.1	.2	.5	.6	.4	.2	.1	.1							158	
82 / 81			.0	.1	.3	1.1	.5	.3	.3	.3	.1							233	
[illegible] / 79			.1	.4	.9	.8	.4	.5	.6	.3	.0							294	
78 / 77		.0	.3	.8	1.2	.4	.5	.7	.6	.2	.0							343	
76 / 75		.3	.8	1.3	1.1	.5	.6	.7	.4	.2	.0							432	
74 / 73		.7	1.4	1.8	.6	.6	.9	.6	.3	.1								509	
72 / 71	.1	1.3	2.4	1.6	.8	.7	.8	.5	.4	.0								618	
70 / 69	.1	1.6	2.7	1.3	.6	.9	.5	.4	.2	.1								589	
68 / 67	.0	1.2	2.1	1.0	1.1	.7	.6	.3	.1	.0								509	
66 / 65		1.0	2.3	1.8	1.2	.6	.3	.3	.1									547	
64 / 63	.0	1.8	1.8	1.8	.9	.4	.3	.0	.0									501	
62 / 61	.0	1.4	1.5	1.3	.8	.2	.1	.0										383	
[illegible] / 59	.0	1.1	2.3	1.3	.5	.2	.0											397	
58 / 57	.1	.8	2.2	1.0	.4	.1												326	
56 / 55	.0	1.2	1.9	.7	.3													299	
54 / 53	.1	1.8	1.1	.8	.1													279	
52 / 51	.1	1.1	1.1	.3	.1													191	
50 / 49	.0	.6	.8	.1	.0													109	
48 / 47	.0	.5	.5	.0														76	
46 / 45	.0	.6	.2	.0														57	
44 / 43	.0	.2	.2															28	
42 / 41		.2	.1															17	
40 / 39		.1																8	
38 / 37		.1																7	
36 / 35																			
34 / 33																			
TOTAL	.6	17.5	25.7	17.6	11.2	8.2	7.1	6.2	3.9	1.5	.4	.0	.0					7200	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperatu				
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F
Rel. Hum.	37809721	508915	70.7	15.980	7200					
Dry Bulb	33513397	486119	67.5	9.807	7200			397.5	225.9	84.4
Wet Bulb	27386159	440415	61.2	7.876	7200			210.1	47.4	.1
Dew Point	23837657	409559	56.9	8.666	7200			121.5	7.2	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	Dry
72/ 71			.2	.3	.1													6	
70/ 69		.1	.6		.3													10	
68/ 67		.5	.5	.4	.5													19	
66/ 65		.4	1.5	.2	.3	.1												24	
64/ 63		1.7	2.6	1.1	.3													53	
62/ 61	.3	2.7	1.9	.6	.9	.1												61	
60/ 59	.2	1.7	2.4	1.1	.5													55	
58/ 57	.2	2.0	2.0	1.0	.3	.1												53	
56/ 55		2.3	2.0	1.0	1.0	.3	.2											63	
54/ 53		1.6	1.5	.6	.8	.3	.2											47	
52/ 51		2.2	1.8	1.6	.6	.4												62	
50/ 49		1.3	2.5	1.9	1.0	.2												64	
48/ 47		2.0	2.2	2.4	1.1	.1												72	
46/ 45		2.0	2.6	2.4	.4													69	
44/ 43		1.7	4.4	.9	.5													70	
42/ 41	.2	1.1	3.1	1.3														53	
40/ 39	.2	2.2	3.4	.8														61	
38/ 37		.9	1.4	.8														28	
36/ 35		1.5	1.4	.5														32	
34/ 33		1.0	.9	.2														19	
32/ 31		.2	.2															4	
30/ 29		.4																4	
28/ 27		.1																1	
26/ 25																			
24/ 23																			
22/ 21																			
20/ 19																			
18/ 17																			
TOTAL	1.2	29.7	39.2	19.0	8.7	1.7	.4											930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperatu ≤ 0 F	≤ 32 F	≤ 67 F	• 73 F	• 80 F
Rel. Hum.	5426631	70095	75.4	12.429	930					
Dry Bulb	2468628	47120	50.7	9.350	930		.9	3.5		
Wet Bulb	2128558	43640	46.9	9.324	930		4.8	.6		
Dew Point	1820017	39889	42.9	10.838	930		17.5			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	Dry Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31		
74/ 73				.1														1	1
72/ 71			.1	.1														2	2
70/ 69			.3		.2													5	5
68/ 67		.5	.4	.5	.1													15	15
66/ 65		.4	.3	.4	.1													12	12
64/ 63		1.9	1.5	.5														37	37
62/ 61	.4	3.9	1.5	.6	.5	.1												66	66
60/ 59	.1	1.8	1.7	.8	.4	.2												47	47
58/ 57	.2	1.4	3.7	.3														52	52
56/ 55		3.1	1.5	.2	.4													49	49
54/ 53		2.8	1.7	1.1	1.0	.2												63	63
52/ 51		2.4	1.1	.6	.6	.4												48	48
50/ 49		1.7	2.7	1.1	.8													58	58
48/ 47		1.6	3.1	1.2	.3													58	58
46/ 45		2.0	2.8	2.2	.2													67	67
44/ 43		1.8	4.0	.5														59	59
42/ 41		3.2	4.5	1.3														84	84
40/ 39	.2	2.6	2.6	.5														55	55
38/ 37	.8	2.5	1.8															47	47
36/ 35		3.0	1.7	.1														45	45
34/ 33		1.6	1.2															26	
32/ 31		1.2	.8															18	
30/ 29		.8	.6															13	
28/ 27		.3																3	
26/ 25																			
24/ 23																			
22/ 21																			
20/ 19																			
18/ 17																			
TOTAL	1.7	40.6	39.7	12.3	4.7	1.0												930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F
Rel. Hum.	5872027	73199	78.7	10.913	930					
Dry Bulb	2293621	45299	48.7	9.687	930		3.4	2.3	.1	
Wet Bulb	2021843	42443	45.6	9.557	930		6.5	.3		
Dew Point	1764823	39273	42.2	10.700	930		18.8	.1		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

72424C STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry B
76/ 75				.2														2	
74/ 73				.1														1	
72/ 71			.1	.1	.1													3	
70/ 69			.2	.5	.1													8	
68/ 67			.8	.3	.1													11	
66/ 65		.9	.9	.8	.1													24	
64/ 63		1.3	1.7	.8	.3	.2												40	
62/ 61		3.5	1.1	.8	.3													53	
60/ 59	.3	1.7	1.6	.4	.5	.1												44	
58/ 57	.2	1.2	2.7	.5	.2	.2												47	
56/ 55		1.9	2.6	.4	.4	.1	.1											52	
54/ 53	.2	3.4	1.3	1.3	.8	.2												67	
52/ 51	.1	2.6	1.9	.9	.5	.2												58	
50/ 49	.1	1.6	2.9	1.8	.3													63	
48/ 47		1.8	3.0	1.3	.5													62	
46/ 45		2.4	3.1	1.5	.2													67	
44/ 43		2.3	4.0	1.4														71	
42/ 41		3.1	4.2	.8														75	
40/ 39	.2	2.7	2.7	.4														56	
38/ 37	.6	2.0	1.6	.1														41	
36/ 35	.3	2.6	.9	.2														37	
34/ 33		1.7	.4															20	
32/ 31		1.0	.4															13	
30/ 29		.4	.3															7	
28/ 27		.6																6	
26/ 25		.2																2	
24/ 23																			
22/ 21																			
20/ 19																			
TOTAL	2.2	39.0	38.4	14.6	4.6	1.1	.1											930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F
Rel. Hum.	5847120	73026	78.5	11.025	930					
Dry Bulb	2339315	45779	49.2	9.613	930		2.8	2.5	.3	
Wet Bulb	2054318	42840	46.1	9.333	930		5.2	.4		
Dew Point	1790549	39661	42.6	10.331	930		16.3	.2		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

72240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

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 Bul
82/ 81					.1	.1	.1											3	
80/ 79						.1	.1	.4	.4									10	1
78/ 77					.2	.1	.5	.4										12	1
76/ 75				.1	.4	.8	.3	.1		.1								17	1
74/ 73				.3	.4	.5	.4		.2									18	1
72/ 71				.4	.8	1.0	.5	.5	.2									32	3
70/ 69		.1	.5	1.0	1.1	.9	.3	.8	.2									45	4
68/ 67		.4	.9	1.0	1.2	.5	1.0		.1	.1								48	4
66/ 65		.9	.8	.6	1.3	.6	1.0	.2	.2									52	5
64/ 63		1.1	1.0	.8	.9	.8	.6	.5	.3	.1								56	5
62/ 61	.1	.6	.9	.8	.4	1.1	1.3	.1	.1	.1								51	5
60/ 59	.1	1.1	1.9	.9	1.2	1.3	1.3	.9	.2									82	8
58/ 57	.1	.3	1.6	1.2	1.2	1.3	1.0	.2										64	6
56/ 55		1.3	1.3	1.8	2.0	1.8	.6	.2										85	8
54/ 53	.1	1.2	1.2	1.4	1.9	1.3	.6											72	7
52/ 51		.8	.6	1.3	1.7	.9	.1											50	5
50/ 49	.2	1.0	1.4	2.4	1.7	.6												68	6
48/ 47		.9	.9	1.2	1.3	.2												41	4
46/ 45		1.0	1.6	1.1	1.0	.3												46	4
44/ 43		1.0	.9	.8	.6													30	3
42/ 41		.8	1.0	.6	.4	.1												27	2
40/ 39		.8	.2	.5	.1													15	1
38/ 37					.1													1	
36/ 35			.3															3	
34/ 33		.1																1	
32/ 31		.1																1	
30/ 29																			
28/ 27																			
26/ 25																			
24/ 23																			
22/ 21																			
18/ 17																			
16/ 15																			

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry B
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		
TOTAL	.6	13.2	16.9	18.1	20.1	14.3	9.9	4.4	2.0	.4								930	9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Rel. Hum.	3978966	58800	63.2	16.771	930					
Dry Bulb	3183333	53683	57.7	9.540	930		.1	18.5	6.0	1.1
Wet Bulb	2483745	47395	51.0	8.580	930		.7	2.3	.1	
Dew Point	1940284	41306	44.4	10.665	930		14.1	.4		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME YEARS

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 B
[illegible]6/ 85							.1				.1							2	
[illegible]4/ 83								.2	.1	.3								6	
[illegible]2/ 81						.2	.6	.6	1.3	.8								33	
[illegible] / 79						.3	.4	1.2	.5		.5							28	
78/ 77					.4	.3	1.3	.5	.2	.2	.2							30	
[illegible]6/ 75					.9	.5	.2	.9	.6	1.0	.3							41	
[illegible]4/ 73			.1	.2	.3	1.1	1.7	.5	1.0	.3								49	
[illegible]2/ 71		.1	.1	.4	.3	1.4	1.2	1.6	.4	.3	.2							57	
[illegible] / 69		.1	.1	.8	1.2	1.2	1.2	1.3		.6	.1							61	
66/ 67		.1	.8	.6	.4	.9	.8	1.0	1.3	.3	.1	.1						59	
[illegible]6/ 65		.3	.3	.2	.5	.9	1.2	1.5	1.3	.9								66	
[illegible]4/ 63		.3	.6	.6	.5	1.1	1.6	1.6	.9	.5								73	
[illegible]2/ 61		.5	.3	.2	.4	1.1	.8	1.8	1.2									59	
[illegible] / 59		.3	1.1	.1	.8	1.3	1.4	1.4	.2									61	
56/ 57		.5	.9	1.1	1.[illegible]	1.1	2.4	1.2										75	
54/ 55		.5	1.1	.3	.8	1.2	.9	.4										48	
[illegible]4/ 53		.5	.4	.2	1.0	1.0	.9	.2										39	
[illegible]2/ 51		.6	.2	.4	1.1	1.2	.9											41	
5[illegible]/ 49		.5	.5	1.0	.9	1.8	.1											45	
[illegible]6/ 47		.3	.4	.5	.4	.2												18	
[illegible]4/ 45		.6	.2	.3	.4	.3	.1											19	
[illegible]4/ 43		.4		.5	.1	.3												13	
42/ 41		.3		.4														7	
4 / 39																			
3 / 37																			
36/ 35																			
34/ 33																			
32/ 31																			
3 / 29																			
26/ 27																			
24/ 25																			
24/ 23																			
22/ 21																			
2 / 19																			

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry B
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31		
18/ 17 TOTAL		6.3	7.2	8.1	11.4	17.3	17.6	16.0	9.0	5.3	1.6	.1						930	9

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	•
Rel. Hum.	2768107	48013	51.6	17.648	930						
Dry Bulb	3846629	59109	63.6	9.830	930			36.6	18.9	6.1	
Wet Bulb	2721079	49697	53.4	8.390	930			5.9	.2		
Dew Point	1922629	40957	44.0	11.313	930		17.3	.9			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS

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 B
86/ 85										.2								2	
84/ 83							.1	.1	.3		.1							6	
82/ 81							.2	.5	.8	.3								17	
80/ 79				.1		.1	.1	1.2	.8	.3	.2							26	
78/ 77					.2	.2	1.6	.5	.6	.1	.4							35	
76/ 75			.1	.1	.5	.8	1.3	1.0	1.3	1.2	.5							63	
74/ 73				.5	.8	1.0	1.0	1.1	1.4	.4								57	
72/ 71			.3	.1	.4	.6	1.0	.6	.9	.2	.1							40	
70/ 69			.4	.2	1.1	.5	1.4	1.1	.5	.3	.1							53	
68/ 67		.2	.9	.9	.3	.4	.4	1.3	1.0	1.1	.1							61	
66/ 65		.4	.6	.4	.8	.6	.4	1.5	1.4	.4								62	
64/ 63		.4	.3	.8	.3	.5	1.8	1.1	1.1	.5								64	
62/ 61		.3	.9	.6	.6	1.1	1.2	2.8	.6									76	
60/ 59		.4	.6	.3	.4	.8	1.7	1.7	.4									60	
58/ 57		.9	.3	1.2	.6	.9	1.6	1.1										61	
56/ 55		.4	.3	.5	.8	1.1	1.8	.6										52	
54/ 53		.6	1.0	.6	.6	1.5	1.3	.3										56	
52/ 51		.3	.5	.4	.4	1.1	.8											33	
50/ 49		.3	.3	1.4	1.1	1.2	.4											44	
48/ 47		.9	.4	.4	.6	.6	.1											29	
46/ 45		.3	.4	.4	.6	.4	.1											22	
44/ 43		.3		.2	.2	.1												8	
42/ 41			.1	.2														3	
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
32/ 31																			
30/ 29																			
28/ 27																			
26/ 25																			
24/ 23																			
22/ 21																			
20/ 19																			

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry B
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		
10 / 17 TOTAL		5.9	7.6	9.6	10.5	13.5	18.4	16.6	11.1	5.2	1.6							930	9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Rel. Hum.	2725029	47497	51.1	17.948	930					
Dry Bulb	3827858	58978	63.4	9.713	930			36.0	20.6	3.6
Wet Bulb	2697084	49476	53.2	8.362	930			4.7	.1	
Dew Point	1888390	40522	43.6	11.495	930		19.8	.7		

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

AD-A118 462 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT KNOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUL 82

UNCLASSIFIED USAFETAC/DS-82/042 SBI-AD-E850 201 NL

5 OF 6
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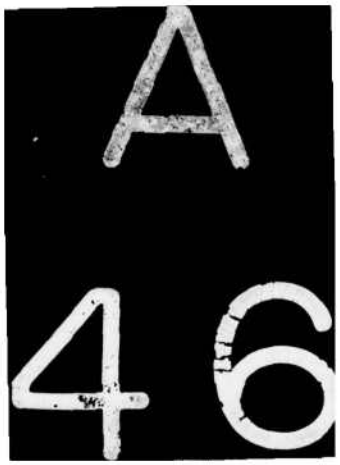
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31					
[illegible] / 79								.1											1	1		
78 / 77							.1												1	1		
[illegible]6 / 75					.3	.4	.2												9	9		
74 / 73				.3	.1	.8	.2	.2											15	15		
72 / 71				.4	1.2	1.0	.3	.1	.2										30	30		
70 / 69		.3	.5	.8	1.7	1.2	.3	.2	.1										48	48	1	
68 / 67		.4	.6	1.9	1.4	.6	.8	.6											60	60	11	3
66 / 65	.1	.3	1.2	1.1	1.3	.8	1.1	.3	.1										58	58	25	7
64 / 63	.1	2.0	.9	1.3	1.2	1.1	.3	.3											67	67	50	15
62 / 61		.4	1.0	1.2	1.0	1.1	.6	.4											53	53	66	24
[illegible] / 59	.1	.8	1.5	1.2	.8	1.5	.4	.3											61	61	50	52
58 / 57		.4	1.1	.8	.8	1.7	1.8	.1											62	62	62	53
56 / 55		1.0	1.3	.9	2.4	1.4	.8	.1											72	72	50	44
54 / 53	.1	.6	1.3	1.2	1.6	1.9	1.1												73	73	69	37
52 / 51	.1	.9	2.4	1.3	1.8	1.1	.3												73	73	46	49
50 / 49	.2	.1	1.5	2.0	1.3	1.8													65	65	65	56
48 / 47		1.2	.8	1.8	2.3	.4													60	60	81	47
46 / 45		.5	1.0	1.6	1.3	.2													43	43	80	49
44 / 43		.4	1.2	.8	1.3														34	34	80	39
42 / 41		.1	.5	1.3	.8														25	25	63	68
40 / 39		.1	.3	.4	.4														12	12	56	39
38 / 37			.3	.4	.1														8	8	36	61
36 / 35																					18	51
34 / 33																					14	66
32 / 31																					6	43
30 / 29																					1	33
28 / 27																						47
26 / 25																						27
24 / 23																						6
22 / 21																						5
20 / 19																						6
18 / 17																						1
16 / 15																						2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.8	9.7	17.3	20.6	22.9	17.0	8.4	2.9	.4									930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3868323	58169	62.5	15.735	930							
Dry Bulb	3091261	52973	57.0	8.919	930			16.4	2.6			93
Wet Bulb	2422638	46778	50.3	8.665	930		.7	1.2				93
Dew Point	1881481	40529	43.6	11.138	930		17.0	.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
OCT — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.1														1	1		
72/ 71				.3	.8	.2	.1											13	13		
70/ 69		.3	.6		.5	.3												17	17		
68/ 67		.3	1.0	1.1	1.1	.1	.2											35	35	4	2
66/ 65		.1	1.9	1.1	.5	.3	.1											38	38	16	4
64/ 63	.2	1.8	1.8	1.3	.3	.5	.1											57	57	31	15
62/ 61	.1	1.3	1.2	2.0	.8	1.2	.2	.2										65	65	48	23
60/ 59	.2	1.9	2.9	1.5	.8	.8	.1											76	76	56	39
58/ 57	.1	1.5	1.6	1.4	.5	.4	.1	.4										57	57	57	49
56/ 55		1.0	1.4	.6	.5	.5	.2											40	40	58	52
54/ 53		.9	1.4	1.2	2.7	.6	.3											66	66	56	52
52/ 51		1.0	2.9	2.3	1.7	.4	.1											78	78	49	41
50/ 49	.1	1.1	1.4	1.8	1.8	.5												63	63	46	38
48/ 47	.3	1.5	1.3	3.0	1.2	.1												69	69	73	53
46/ 45		1.3	1.9	2.8	1.4													69	69	78	58
44/ 43		1.2	3.5	1.1	.9													62	62	60	41
42/ 41		.8	2.5	2.2	.1													51	51	95	48
40/ 39		.6	1.5	1.2														31	31	63	49
38/ 37		.5	.6	1.0	.1													21	21	65	67
36/ 35		.1	.6	.5														12	12	29	71
34/ 33		.2	.6															8	8	25	72
32/ 31			.1															1	1	14	32
30/ 29																				7	40
28/ 27																					43
26/ 25																					22
24/ 23																					10
22/ 21																					6
18/ 17																					3
TOTAL	1.1	17.4	31.0	26.5	15.7	6.1	1.6	.6										930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	4799548	65540	70.5	13.948	930							
Dry Bulb	2691761	49327	53.0	9.013	930		.1	6.6	.1			93
Wet Bulb	2239398	44876	48.3	8.923	930		2.1	.4				93
Dew Point	1847767	40225	43.3	10.779	930		15.6	.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424C STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
86/ 85							.0			.0	.0								4	4		
84/ 83							.0	.0	.1	.0	.0								12	12		
82/ 81					.0	.0	.1	.1	.3	.1									53	53		
80/ 79				.0		.1	.1	.4	.2	.0	.1								65	65		
78/ 77					.1	.1	.4	.2	.1	.0	.1								78	78		
76/ 75			.0	.1	.3	.3	.3	.2	.2	.3	.1								132	132		
74/ 73			.0	.2	.2	.4	.4	.2	.3	.1									142	142	4	
72/ 71		.0	.1	.3	.5	.5	.4	.4	.2	.1	.0								183	183	8	
70/ 69		.1	.4	.4	.8	.5	.4	.4	.1	.1	.0								247	247	43	3
68/ 67		.3	.7	.8	.6	.3	.4	.4	.3	.2	.0	.0							308	308	103	25
66/ 65	.0	.5	.9	.6	.6	.4	.5	.4	.4	.2									336	336	224	66
64/ 63	.0	1.3	1.3	.9	.5	.5	.6	.4	.3	.1									447	447	280	108
62/ 61	.1	1.7	1.1	.9	.6	.7	.5	.7	.2	.0									484	484	397	193
60/ 59	.1	1.2	1.7	.8	.7	.7	.6	.5	.1										486	486	430	310
58/ 57	.1	1.0	1.7	.9	.6	.7	.9	.4											471	471	460	413
56/ 55		1.4	1.4	.7	1.0	.8	.6	.2											461	461	421	352
54/ 53	.1	1.5	1.2	1.0	1.3	.9	.6	.1											483	483	484	351
52/ 51	.0	1.3	1.4	1.1	1.1	.7	.3												443	443	479	444
50/ 49	.1	1.0	1.7	1.7	1.1	.8	.1												470	470	463	350
48/ 47	.0	1.3	1.5	1.5	1.0	.2	.0												409	409	554	342
46/ 45		1.3	1.7	1.5	.7	.2	.0												402	402	582	406
44/ 43		1.1	2.2	.8	.5	.1													347	347	524	368
42/ 41	.0	1.2	2.0	1.0	.2	.0													325	325	549	421
40/ 39	.1	1.1	1.3	.5	.1														230	230	461	467
38/ 37	.2	.7	.7	.3	.0														146	146	376	466
36/ 35	.0	.9	.6	.2															129	129	234	511
34/ 33		.6	.4	.0															74	74	164	480
32/ 31		.3	.2																37	37	106	400
30/ 29		.2	.1																24	24	54	337
28/ 27		.1																	10	10	27	262
26/ 25		.0																	2	2	12	189
24/ 23																					1	85
22/ 21																						51
20/ 19																						22

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 17																					15
1 / 15																					3
TOTAL	.9	20.2	24.7	16.1	12.3	9.0	7.1	5.1	2.8	1.4	.4	.0						7440	7440	7440	7440

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	• 80 F	• 93 F	Total
Rel. Num.	35285751	494339	66.4	18.111	7440							
Dry Bulb	23742416	412268	55.4	10.985	7440		7.3	122.4	48.6	10.8		744
Wet Bulb	18768663	367145	49.3	9.355	7440		20.0	15.8	.4			744
Dew Point	14855940	322362	43.3	10.929	7440		136.4	2.8				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (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
7 / 69			.1															1	1		
6 / 67			.2	.6	.3													10	10		
66/ 65			.3	.1		.2												6	6	2	
64/ 63		.3	.8	.3	.1	.1												15	15	1	3
62/ 61		.8	.6	1.4	.2													26	26	14	1
6 / 59	.2	.3	1.0	.3	.3	.1	.2											23	23	25	12
58/ 57		.9	1.0	.2	2.3	.1												40	40	11	20
56/ 55		1.1	.6	.7	.5	.1												26	26	37	6
54/ 53		1.1	1.1	1.0	.3													32	32	15	37
52/ 51		1.8	2.4	.6	1.0	.5	.1											56	56	31	17
5 / 49		1.0	2.5	.9	1.0	.9												56	56	56	20
45/ 47		1.8	1.6	1.0	.2	.2												43	43	40	38
4 / 45		1.7	1.7	1.9	.5													51	51	45	25
4 / 43		1.8	2.4	1.0	.6	.6												56	56	48	52
42/ 41	.3	1.7	2.3	1.7	.5	.2												59	59	66	44
4 / 39		2.7	1.9	1.5	.2													56	56	61	38
38/ 37	.3	1.6	2.7	.6	.3													49	49	57	44
36/ 35		3.3	2.5	.9	.5													63	63	49	68
34/ 33		2.4	3.6	.6														58	58	77	49
32/ 31		1.4	2.5	.8														41	41	53	39
3 / 29	.3	1.1	2.6	.2														38	38	57	67
28/ 27	.1	1.7	1.4	.3														31	31	42	51
26/ 25		.9	1.0															17	17	36	58
24/ 23		.6	.9															13	13	25	32
22/ 21		.6																5	5	17	25
2 / 19		.8																7	7	6	35
18/ 17		.5																4	4	7	35
16/ 15		.2	.1															3	3	4	25
14/ 13																				3	13
1 / 11		.1																1	1		17
10/ 9		.1																1	1	2	10
8/ 7	.1																	1	1	1	1
6/ 5																					2
4/ 3																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.5	32.2	37.6	16.6	8.8	3.0	.3											888	888	888	888

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4705356	63552	71.6	13.308	888							
Dry Bulb	1740020	38042	42.8	11.151	888		16.4	1.1				90
Wet Bulb	1459931	34751	39.1	10.617	888		25.6					90
Dew Point	1155218	30098	33.9	12.340	888		42.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72524? STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
7 / 69			.2																2	2		
6 / 67		.1		.1															2	2	2	
66 / 65			.1	.7	.1														8	8	1	2
64 / 63		.2	1.0			.3													14	14		1
62 / 61		.9	.5	1.1															22	22	10	
60 / 59		.8	1.6	.3	.2		.2												28	28	23	8
58 / 57	.1	.8	1.2	.2	1.5	.1													35	35	14	24
56 / 55		.7	.3	.7	.3		.1												19	19	38	6
54 / 53	.5	.8	1.8	.9	.3	.2	.2												42	42	14	37
52 / 51		1.2	1.8	.1	.6	.1	.1												35	35	17	21
50 / 49		1.2	1.7	.6	.2	.9													41	41	53	12
48 / 47		3.7	1.4	.7	.2	.1													54	54	41	33
46 / 45		2.5	2.0	1.1	.5	.2													56	56	52	29
44 / 43		2.3	2.9	1.1	.6	.3													64	64	40	51
42 / 41	.1	1.7	1.2	1.0	.2														38	38	55	56
40 / 39	.3	2.9	1.5	.9	.3														53	53	66	29
38 / 37	.2	1.7	2.8	1.4	.3														57	57	53	40
36 / 35	.1	2.9	2.7	1.0															60	60	45	64
34 / 33		4.6	2.1	.3															63	63	70	39
32 / 31	.5	2.5	2.4	.9															55	55	81	40
30 / 29	.3	1.9	2.3	.1															41	41	53	69
28 / 27		1.5	.6																18	18	39	63
26 / 25		2.0	.9	.1															27	27	39	61
24 / 23		1.6	.8																21	21	25	32
22 / 21		.7	.6																11	11	20	24
20 / 19		1.4																	12	12	14	43
18 / 17		.5																	4	4	13	34
16 / 15																					4	26
14 / 13		.3																	3	3		11
12 / 11																					3	12
10 / 9																						11
8 / 7	.1																		1	1	1	2
6 / 5	.2																		2	2	2	2
4 / 3																						4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2 / -1																					2
TOTAL	2.5	41.	33	4.3	13.4	5.4	2.4	.7										888		888	886
																		888		888	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	5000663	65621	73.9	13.066	888							
Dry Bulb	1654424	36976	41.6	11.374	888		19.8	.4				90
Wet Bulb	1409013	34041	38.3	10.832	888		29.8	.2				90
Dew Point	1136808	29810	33.6	12.387	888		44.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
NOV — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
66/ 65			.6	.3	.2														10	10		
64/ 63			.9	.4	.1	.2													15	15		
62/ 61		.2	.3	.3	.1														9	9	8	
60/ 59	.1	.6	1.2	.1	.1	.2													21	21	15	7
58/ 57	.3	1.5	2.0	.7	.4	.1													45	45	21	18
56/ 55	.1	1.7	.8	.1	.7		.1												31	31	40	19
54/ 53	.2	.9	1.6	1.2	.6	.1	.1												42	42	27	33
52/ 51		.9	.8	.4	.2	.1	.4												26	26	19	27
50/ 49		1.2	1.9	.6	.1	.4													38	38	38	16
48/ 47		3.3	1.0	1.0	.2	.3													52	52	34	29
46/ 45		2.9	1.2	.8	.8														51	51	50	32
44/ 43	.1	2.9	3.0	1.0	.3	.1													67	67	50	34
42/ 41		1.9	2.2	.7															43	43	53	57
40/ 39	.2	2.2	2.1	1.0	.1														51	51	65	40
38/ 37		3.0	1.5	1.3	.2														54	54	53	35
36/ 35	.2	2.9	2.7	.9															60	60	53	58
34/ 33		2.9	3.0	.9															61	61	53	45
32/ 31		3.6	1.7	.4															51	51	75	43
30/ 29	.6	2.8	2.2																50	50	66	65
28/ 27		2.1	1.1																29	29	47	61
26/ 25		1.9	.7																23	23	38	59
24/ 23		1.7	.7																21	21	27	41
22/ 21		1.7	.1																16	16	19	30
20/ 19		.7	.2																8	8	16	39
18/ 17		.9																	8	8	8	34
16/ 15		.1																	1	1	7	25
14/ 13		.1																	1	1	2	15
12/ 11		.3																	3	3		8
10/ 9																					3	7
8/ 7	.1																		1	1	1	3
6/ 5	.2																		2	2	2	1
4/ 3																						7
2/ 1																						2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.2	45.1	33.7	12.4	4.3	1.7	.7											890	890	890	890

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5156608	66794	75.0	12.716	890							
Dry Bulb	1620730	36600	41.1	11.404	890		21.6					90
Wet Bulb	1390430	33828	38.0	10.850	890		31.4					90
Dew Point	1132413	29805	33.5	12.290	890		44.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
77 / 77								.1										1	1		
74 / 73							.1											1	1		
72 / 71				.2	.1	.1	.1	.1										6	6		
70 / 69				.1	.3	.1	.1											6	6		
68 / 67				.4	.4	.1	.2		.1									12	12	1	
66 / 65			.4	.9	.3	.4	.1		.1									21	21	1	
64 / 63		.2	.8	1.1	.8	.4												30	30	11	2
62 / 61		.4	.6	.3	.8	.6	.2	.1										27	27	14	5
60 / 59	.1	1.1	.9	1.0	.8	.6		.4										44	44	24	8
58 / 57		1.2	1.1	.8	.4	.8	.6	.1										45	45	33	26
56 / 55		.4	1.2	.6	1.0	.7	.3	.1										39	39	36	30
54 / 53		.8	1.2	1.2	.7	.7	.6											46	46	41	17
52 / 51		.7	2.1	.8	1.0	.4	.1											46	46	34	24
50 / 49	.1	.6	1.5	1.3	1.6	.9	.1											54	54	32	29
48 / 47		1.2	1.2	2.1	1.0	.6	.1											56	56	57	39
46 / 45		1.3	1.9	1.8	1.6	.2												61	61	54	41
44 / 43		2.4	1.8	.9	.6	.6												55	55	59	38
42 / 41		1.8	1.6	1.9	.8	.2												56	56	80	38
40 / 39		1.1	1.6	1.7	1.2													50	50	63	50
38 / 37		.9	1.7	2.2	.1													44	44	51	46
36 / 35	.1	1.2	2.5	1.7	.3													52	52	45	62
34 / 33	.1	.3	2.1	1.3	.2													37	37	59	55
32 / 31	.2	1.3	1.1	.7	.1													31	31	54	43
30 / 29		.9	1.1	.6														23	23	50	41
28 / 27		1.1	1.0	.1														20	20	31	48
26 / 25		.4	.7															10	10	23	46
24 / 23			.1															1	1	15	50
22 / 21		.2	.2															4	4	7	40
20 / 19		.3	.2															5	5	1	35
18 / 17		.2	.1															3	3	6	30
16 / 15		.1																1	1	3	12
14 / 13		.3																3	3	2	12
12 / 11																				3	6
10 / 9		.1																1	1	1	5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 7																					3
[illegible] / 5																					5
[illegible] / 3																					2
[illegible] / 1																					2
/ -1																					1
TOTAL	.7	21.0	28.8	23.9	14.3	7.4	2.7	1.0	.2										891		891
																		891		891	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4107878	58938	66.1	15.333	891							
Dry Bulb	2330753	41293	46.3	11.468	891		10.3	2.6	.2			90
Wet Bulb	1629883	36925	41.4	10.580	891		19.8	.1				90
Dew Point	1231033	31187	35.0	12.516	891	.1	38.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724243 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8[illegible] / 79									.1									1	1		
7[illegible] / 77								.2	.1									3	3		
76 / 75							.8		.1									8	8		
74 / 73				.2		.2	.1	.2	.7									13	13		
72 / 71					1.0	.1	.2	.4	.3	.3								22	22		
7[illegible] / 69			.2	.3	1.0	.1	.7	.8	.4									32	32	2	
68 / 67			.2	.9	.6	.4	.8	.6	.1		.1							33	33		
66 / 65		.2	.3	.7	.6	.8	.7	.7	.1	.2								38	38	8	2
64 / 63		.2	.3	.3	.4	.6	.3	.7	.1	.1								28	28	30	5
62 / 61		.2		.2	.6	.2	.8	.9	.3	.1								30	30	23	2
60 / 59		.2	.1	.7	.2	.6	.8	.9	.2									33	33	23	15
58 / 57		.7	.9	1.2	1.0	.6	1.3	.7	.1									58	58	27	35
56 / 55		.4	.2	1.6	.8	1.0	.6	.3	.2									46	46	48	16
54 / 53		.8	.4	1.0	1.1	1.6	1.1	.3										57	57	42	18
52 / 51		.9	1.1	.7	.9	1.3	1.2	.1										56	56	40	21
5[illegible] / 49		.9	.9	.8	1.2	.8	1.1											51	51	50	26
48 / 47		.8	.6	2.0	.4	1.6	.6											53	53	62	47
46 / 45		1.6	1.0	1.2	.8	1.0	.2											52	52	64	48
44 / 43	.1	1.0	1.1	.4	1.5	1.1												47	47	68	38
42 / 41		.9	.2	1.1	1.7	.3												38	38	66	35
40 / 39		.1	.7	1.6	1.7	.8												43	43	57	44
38 / 37		.8	.6	1.7	1.3	.1												40	40	36	47
36 / 35	.4	.8	.7	1.7	.3	.1												36	36	52	55
34 / 33		.3	.3	1.2														17	17	54	50
32 / 31		.4	.7	.7	.1													17	17	38	47
30 / 29		.7	.6															11	11	45	31
28 / 27			.6	.1														6	6	21	46
26 / 25		.4	.4															8	8	9	50
24 / 23		.1	.3															4	4	9	37
22 / 21			.3															3	3	4	37
20 / 19			.2															2	2	4	41
18 / 17			.1															1	1	2	40
16 / 15		.1	.1															2	2	2	18
14 / 13																				3	14

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31		Dry Bulb	Wet Bulb	Dew Point
1 / 11																					4
1 / 9																					4
/ 7																					7
/ 5																					3
/ 3																					1
/ 1																					4
/ -1																					1
TOTAL	.6	12.7	13.4	20.5	17.3	13.4	11.4	6.9	3.0	.8	.1								889		889
																		889		889	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	• 73 F	≥ 80 F	• 93 F	Total
Rel. Num.	3154236	50456	56.8	18.089	889							
Dry Bulb	2447130	45368	51.0	12.185	889		5.5	11.3	2.5	.1		90
Wet Bulb	1806986	38964	43.8	10.571	889		13.9	.2				90
Dew Point	1237549	31075	35.0	13.054	889	.1	39.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77								.4	.1									5	5		
76/ 75						.2	.3	.3	.2									10	10		
74/ 73					.2	.6	.2	.1	.4	.2								16	16		
72/ 71				.2	.3	.6	.3	.2	.3	.1								19	19		
70/ 69				.4	.3	.4		1.0	.3	.2								25	25		
68/ 67			.2	.6	.4	.3	.8	.3	.1		.1							26	26	1	
66/ 65		.4	.3	.8	.7	.6	.8	.4	.3	.1								40	40	10	3
64/ 63		.1	.2	.4	.6	.2	.3	.4		.1								22	22	26	1
62/ 61		.7	.1	.2	.7	.1	1.0	.3	.2	.1								31	31	22	7
60/ 59			.3	.9	.4	.8	.7	.7	.4									38	38	28	14
58/ 57		.4	.2	.8	.4	.8	1.0	1.0	.2									44	44	23	23
56/ 55	.1	.8	.6	1.3	1.1	.4	1.8	.1	.3									59	59	53	21
54/ 53		1.3	.4	1.6	.6	1.2	1.2		.1									58	58	29	25
52/ 51	.2	.1	.3	.8	1.3	1.1	1.0	.2										46	46	43	28
50/ 49		1.5	1.6	2.2	1.2	.7	1.0	.6										78	78	51	30
48/ 47		.2	.8	1.2	.8	1.8	.4											47	47	50	32
46/ 45		.7	.7	.8	.7	.8												32	32	57	37
44/ 43		.6	1.9	1.2	1.3	1.1												55	55	98	28
42/ 41		1.0	.9	.6	.7	.7	.1											35	35	43	49
40/ 39		.6	.9	1.1	1.7	.4												42	42	56	43
38/ 37		1.2	1.2	1.7	1.8	.4												57	57	56	48
36/ 35	.1	1.3	1.6	1.5	.2													42	42	56	61
34/ 33		.1	.2	1.0	.2													14	14	51	43
32/ 31			.9	.4														12	12	41	50
30/ 29		.4	.4	.2														10	10	36	52
28/ 27		.2	.8															9	9	24	35
26/ 25		.1	.3															4	4	10	42
24/ 23		.1	.2															3	3	8	44
22/ 21		.1	.3															4	4	4	27
20/ 19			.3															3	3	2	37
18/ 17			.4															4	4	3	37
16/ 15																				7	31
14/ 13																					11
12/ 11																					15

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					3
8/ 7																					4
6/ 5																					6
4/ 3																					2
2/ -1																					1
TOTAL	.4	12.1	16.4	20.1	15.8	13.4	11.1	6.3	3.3	.9	.1								890		890
																	890		890		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3170336	50626	56.9	18.079	890							
Dry Bulb	2416357	45121	50.7	12.131	890		5.0	10.2	3.1			90
Wet Bulb	1787832	38774	43.6	10.531	890		13.9	.1				90
Dew Point	1222739	30871	34.7	13.073	890	.1	40.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | NOV 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
72/ 71				• 1	• 3	• 1	• 1											6	6		
[illegible]/ 69				• 2	• 9	• 6	• 1	• 1										17	17		
68/ 67			• 2	• 4	• 2	• 3		• 2										13	13		
66/ 65		• 2	• 3	1 • 2	• 4		• 2	• 1										23	23	3	1
[illegible]/ 63		• 4	• 3	• 6	• 4	• 7	• 3											25	25	13	1
[illegible]/ 61		• 6	• 3	• 9	• 7	• 9	• 3											33	33	18	8
[illegible]/ 59		• 6	• 7	1 • 5	• 6	• 9	• 2											39	39	30	8
[illegible]/ 57		• 3	1 • 1	• 7	1 • 1	• 1	• 3	• 1										34	34	18	26
56/ 55		• 7	• 6	• 8	• 8	• 8	• 4	• 1										37	37	25	17
54/ 53	• 2	1 • 7	1 • 3	• 9	1 • 1	1 • 0	• 7											62	62	55	27
52/ 51		• 4	• 8	• 7	• 9	1 • 1	• 1											36	36	35	24
50/ 49		1 • 3	• 8	• 8	1 • 3	1 • 0	• 2	• 1										50	50	41	38
48/ 47		• 6	2 • 0	1 • 9	• 9	• 8	• 3											58	58	47	26
46/ 45		• 9	1 • 2	2 • 1	• 8	• 6		• 1										51	51	40	36
44/ 43		• 7	1 • 7	1 • 1	1 • 8	• 6	• 1											53	53	52	31
42/ 41		1 • 7	1 • 8	1 • 3	2 • 1	• 4												66	66	69	41
40/ 39		1 • 5	• 3	1 • 6	• 7	• 3												39	39	67	39
38/ 37	• 1	2 • 4	1 • 7	2 • 5	• 8	• 1												67	67	48	48
36/ 35	• 2	3 • 0	1 • 3	1 • 3	• 4													57	57	67	63
34/ 33		• 4	2 • 0	2 • 0	• 1													41	41	80	58
32/ 31		• 1	1 • 9	1 • 5														31	31	48	46
30/ 29	• 1	• 2	1 • 0	• 8														19	19	45	44
28/ 27		• 3	• 3															6	6	36	41
26/ 25			• 8															7	7	23	51
24/ 23			• 6															5	5	7	36
22/ 21		• 3	• 1															4	4	6	41
20/ 19		• 6																5	5	6	35
18/ 17		• 3	• 2															5	5	5	31
16/ 15		• 2	• 2															4	4	4	29
14/ 13																				5	16
12/ 11																					14
10/ 9																					6
8/ 7																					4
6/ 5																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 STATION | FT KNOX/GODMAN AF KY STATION NAME | 65-70,75-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 1																					3
TOTAL	.7	19.5	23.7	24.9	16.5	10.3	3.6	.9											893		893
																		893		893	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						± 0 F	± 32 F	± 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	3908681	57351	64.2	15.898	893							
Dry Bulb	2044277	41485	46.5	11.456	893		8.7	3.6				90
Wet Bulb	1619042	36822	41.2	10.626	893		18.6					90
Dew Point	1196289	30613	34.3	12.830	893		40.4					96

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7[illegible] / 69				.5		.1												5	5		
6[illegible] / 67		.2	.2	.2	.1	.2												9	9		
[illegible]6 / 65			.5	.6		.2												11	11	2	
[illegible]4 / 63			.9	.6	.2													15	15	7	2
62 / 61		.7	1.1	1.4	.3	.5												35	35	10	3
[illegible] / 59		.9	1.1	.6	.7	.1	.2											32	32	23	17
58 / 57		.6	1.0	.9	1.2	.5												37	37	22	14
5[illegible] / 55		.7	.9	1.0	.9	.6												36	36	33	20
[illegible]4 / 53	.1	1.7	1.2	.9	1.0	.2	.5											50	50	29	27
52 / 51		.7	1.9	.5	.9	.3												38	38	36	21
5[illegible] / 49		.8	1.0	1.7	.8	1.1	.1											49	49	45	34
[illegible] / 47		2.0	1.4	1.4	.9	.2	.2											54	54	44	27
4[illegible] / 45		1.0	1.8	2.1	1.1	.1												55	55	41	30
[illegible]4 / 43		.9	1.1	1.0	.9	.2												37	37	46	41
[illegible]2 / 41	.1	1.9	1.7	2.9	.8	.3												69	69	60	43
4[illegible] / 39		1.7	1.6	1.6	.8													50	50	66	28
3[illegible] / 37		3.0	1.5	2.5	.9													70	70	52	49
3[illegible] / 35	.1	2.7	2.0	1.0	.3													55	55	70	59
34 / 33		1.6	2.9	.7	.2													48	48	69	49
32 / 31	.1	1.0	2.1	1.2														40	40	59	47
3[illegible] / 29	.2	.5	2.9	.5														36	36	47	64
2[illegible] / 27		.8	1.2															18	18	41	49
26 / 25		.2	1.1															12	12	37	49
2[illegible] / 23		.3	.7															9	9	17	36
22 / 21		.1	.1															2	2	13	39
2[illegible] / 19		.7																6	6	2	29
18 / 17		.3																3	3	8	31
16 / 15		.5																4	4	2	30
14 / 13		.2																2	2	5	21
1[illegible] / 11		.1																1	1	2	17
10 / 9																					3
8 / 7																					4
6 / 5																					2
4 / 3																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-/ 1																					1
TOTAL	.7	25.8	32.1	23.5	12.2	4.7	1.0												888		888
																		888		888	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4349994	60828	68.5	14.374	888							
Dry Bulb	1841416	39200	44.1	11.185	888		13.5	1.4				90
Wet Bulb	1511704	35400	39.9	10.644	888		23.6					90
Dew Point	1164051	30127	33.9	12.650	888		43.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 NOV
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79									.0									1	1		
78 / 77								.1	.0									9	9		
76 / 75						.0	.1	.0	.0									18	18		
74 / 73				.0	.0	.1	.1	.0	.1	.0								30	30		
72 / 71				.1	.2	.1	.1	.1	.1	.1								53	53		
70 / 69			.1	.2	.3	.2	.1	.2	.1	.0								88	88	2	
68 / 67		.0	.1	.4	.3	.2	.2	.1	.0		.0							105	105	4	
66 / 65		.1	.4	.7	.3	.3	.2	.2	.1	.0								157	157	27	8
64 / 63		.2	.7	.5	.3	.3	.1	.1	.0	.0								164	164	88	15
62 / 61		.6	.4	.7	.4	.3	.3	.2	.1	.0								213	213	119	26
60 / 59	.1	.6	.9	.7	.4	.4	.3	.3	.1									258	258	191	89
58 / 57	.1	.8	1.1	.7	1.1	.4	.4	.2	.0									338	338	169	186
56 / 55	.0	.8	.6	.8	.8	.4	.4	.1	.1									293	293	310	135
54 / 53	.1	1.1	1.2	1.1	.7	.6	.5	.0	.0									389	389	252	221
52 / 51	.0	.8	1.4	.6	.9	.6	.4	.0										339	339	255	183
50 / 49	.0	1.1	1.5	1.1	.9	.8	.3	.1										417	417	366	205
48 / 47		1.7	1.2	1.4	.6	.7	.2											417	417	375	271
46 / 45		1.6	1.4	1.5	.8	.4	.0	.0										409	409	403	278
44 / 43	.0	1.6	2.0	1.0	.9	.6	.3											434	434	461	313
42 / 41	.1	1.6	1.5	1.4	.8	.3	.0											404	404	492	363
40 / 39	.1	1.6	1.3	1.4	.8	.2												384	384	501	311
38 / 37	.1	1.8	1.7	1.7	.7	.1												438	438	406	357
36 / 35	.2	2.3	2.0	1.3	.3	.0												425	425	437	490
34 / 33	.0	1.6	2.1	1.0	.1													339	339	513	388
32 / 31	.1	1.3	1.7	.8	.0													278	278	449	355
30 / 29	.2	1.1	1.6	.3														228	228	401	433
28 / 27	.0	1.0	.9	.1														137	137	281	394
26 / 25		.8	.7	.0														108	108	215	416
24 / 23		.5	.5															77	77	133	308
22 / 21		.5	.2															49	49	90	263
20 / 19		.5	.1															48	48	51	294
18 / 17		.3	.1															32	32	52	272
16 / 15		.2	.1															15	15	33	196
14 / 13		.1																9	9	20	113

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 NOV

STATION STATION NAME YEARS MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	De	Point
1 / 11		.1																5	5	8		93
1 / 9		.0																2	2	6		49
[illegible] / 7	.0																	3	3	3		28
[illegible] / 5	.1																	4	4	4		25
[illegible] / 3																						20
/ 1																						16
/ -1																						3
TOTAL	1.2	26.2	27.5	19.4	11.8	7.0	3.9	1.9	.8	.2	.0								7117		7117	
																		7117		7117		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	33553752	474166	66.6	16.608	7117							
Dry Bulb	15797077	324085	45.5	12.085	7117		100.7	30.8	5.9	.1		720
Wet Bulb	12614321	289505	40.7	10.854	7117		176.6	.6				720
Dew Point	9476100	243586	34.2	12.652	7117	.3	331.6					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72524[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]4/ 63				.8														6	6		
[illegible]2/ 61		.4			.1													4	4		
[illegible] / 59		.6	.3	.3														9	9	9	2
[illegible] / 57		1.0	.4	.3	.6			.1										19	19	9	4
5 / 55	.1	1.9	.3	.4	.1	.1	.1											24	24	10	15
[illegible]4/ 53		1.0	.5		.3	.1	.5											19	19	18	8
[illegible]2/ 51		.4	.8	.1	.5	.3												16	16	19	18
5 / 49			.9	.4		.4												13	13	9	11
[illegible]/ 47		.6	.5	.8	.3	.3												19	19	6	8
[illegible]/ 45		1.3	1.0	1.0	.5	.1												31	31	23	4
[illegible]4/ 43		1.3	1.5	.4	1.0	.3												33	33	23	19
[illegible]2/ 41		1.9	.5	.9	.5													30	30	29	19
[illegible] / 39		2.0	1.3	1.5	.1													39	39	39	15
[illegible]/ 37		3.3	2.4	1.6														58	58	32	20
[illegible]/ 35		4.3	3.7	.4														66	66	58	36
[illegible]4/ 33		2.8	2.4	.4														44	46	72	39
[illegible]2/ 31	.3	4.7	3.4	.6	.1													72	73	75	49
[illegible] / 29		2.6	4.4	.4														59	59	42	44
[illegible]/ 27		3.8	2.9	.5														57	57	55	50
[illegible]/ 25	.1	4.0	2.9															56	56	78	67
[illegible]/ 23		2.4	1.5															31	31	57	51
2/ 21		4.0	.3															34	34	48	51
[illegible]/ 19		2.3	.3															20	20	28	45
[illegible]/ 17		1.6																13	13	27	53
[illegible]/ 15		.8																6	6	7	51
[illegible] / 13		.5																4	4	5	27
[illegible]/ 11	.3	.4																5	5	7	45
[illegible] / 9		.3																2	2	3	14
[illegible]/ 7		.4																3	3	3	14
[illegible]/ 5		.1																1	1	2	9
[illegible]/ 3		.1																1	1	1	
[illegible] / -1																					4
[illegible]/ -3																					2

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

USAFETAC FORM 0-26-5 (OL A) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.8	50.4	31.9	10.6	4.2	1.5	.6	.1										794	797	794	794

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4248565	57161	72.0	12.974	794							
Dry Bulb	1085004	28026	35.2	11.180	797		42.6					93
Wet Bulb	909529	25541	32.2	10.531	794		51.3					93
Dew Point	678621	21171	26.7	11.996	794	.7	67.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
64/ 63			.3	.1														3	3			
62/ 61		.5	.8	.1	.3													13	13	2		
60/ 59		.1	.4	.3	.3													8	8	7	3	
58/ 57		.6	.4	.1		.1												10	10	7	5	
56/ 55		1.6	.4															16	16	11	7	
54/ 53		1.3	.3	.4	.4	.1												19	19	23	18	
52/ 51		.3	1.3	.1	.6	.3												20	20	10	12	
50/ 49		.5	.1	.1		.3	.1											9	9	6	8	
48/ 47		.5	.8	.1	.4	.4												17	17	17	9	
46/ 45		.6	.5	1.1	.1	.4												22	22	9	12	
44/ 43		1.3	1.4	.5	.4	.1												29	29	22	8	
42/ 41		1.6	.6	1.0	.1													27	27	20	14	
40/ 39		2.4	1.3	.8	.3													37	37	37	17	
38/ 37		4.9	1.9	1.4														65	65	43	26	
36/ 35		3.3	2.9	.1														50	50	59	35	
34/ 33		3.7	3.3															55	58	48	34	
32/ 31	.4	4.7	3.4	.8														73	73	79	59	
30/ 29		3.7	3.7															58	58	50	39	
28/ 27	.1	4.5	2.1															54	54	62	40	
26/ 25	.3	4.3	2.4	.3														57	57	72	64	
24/ 23		2.7	1.4															32	32	52	58	
22/ 21		4.5	1.0															44	44	40	63	
20/ 19		3.4																27	27	45	48	
18/ 17		2.0																16	16	30	38	
16/ 15		1.3																10	10	15	51	
14/ 13		1.1																9	9	6	37	
12/ 11	.1	.4																4	4	11	33	
10/ 9		.3																2	2	3	21	
8/ 7		.4																3	3		15	
6/ 5																				3	10	
4/ 3	.3	.1																3	3	3	2	
2/ 1																					1	
0/ -1																					4	
-2/ -3																					1	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724248	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL O.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	56.6	30.4	7.3	2.8	1.6	.1											792	795	792	792

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	• 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	4441155	58559	73.9	11.868	792							
Dry Bulb	1023917	27069	34.0	11.348	795		45.9					93
Wet Bulb	870558	24846	31.4	10.732	792		55.3					93
Dew Point	662473	20841	26.3	12.008	792	.6	68.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.1															1	1		
64/ 63				.1														1	1		
62/ 61		.3	.9	.2														13	13	1	
60/ 59		.6	.1	.3														9	9	7	1
58/ 57		.7	.5															10	10	12	9
56/ 55		1.5	.1	.2														16	16	8	12
54/ 53		.7	.2	.9														16	16	23	12
52/ 51		.7	.2	.1	.3													12	12	4	13
50/ 49		.3	.7	.3	.6													17	17	12	9
48/ 47		1.4	.8	.3	.3													25	25	17	8
46/ 45		.7	.9	.5	.3	.3												24	24	16	15
44/ 43		2.3	.6	.8	.3	.1												36	36	23	9
42/ 41		1.4	.2	.1	.1	.2												18	18	31	18
40/ 39		2.1	1.7		.1													34	34	25	29
38/ 37	.1	3.1	1.4	.8														47	47	37	19
36/ 35		3.6	1.9	.2														50	50	44	33
34/ 33	.1	5.0	4.5	.5	.1													89	91	55	28
32/ 31	.3	4.4	4.4	.3														82	82	84	53
30/ 29		3.1	3.2															55	55	74	46
28/ 27		5.4	2.4															68	68	72	59
26/ 25	.5	3.7	1.3															47	47	75	54
24/ 23		4.4	.6															43	43	52	64
22/ 21	.1	4.5	.9															48	48	50	67
20/ 19	.3	3.6	.7															40	40	43	58
18/ 17	.2	2.8																26	26	45	44
16/ 15	.7	1.0																15	15	27	61
14/ 13		.7																6	6	6	52
12/ 11	.3	1.1																13	13	12	33
10/ 9	.1	.2																3	3	8	22
8/ 7		.1																1	1	1	13
6/ 5		.2																2	2	3	12
4/ 3	.2																	2	2	2	8
2/ 1	.1	.1																2	2	1	3
0/ -1		.1																1	1	1	6

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible] / -3																			1	
-[illegible] / -9																				1
-1 / -13																				1
TOTAL	3	25	9.6	28.3	5.8	2.3	.7											874		872
																		872	872	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5041167	65545	75.2	11.460	872							
Dry Bulb	1067412	28832	33.0	11.541	874	.1	48.3					93
Wet Bulb	919074	26642	30.6	10.984	872	.2	59.4					93
Dew Point	709724	22448	25.7	12.303	872	.9	70.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 DEC
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
[illegible] / 69						.1												1	1		
6[illegible] / 67				.2	.1													3	3		
[illegible]6 / 65				.2														2	2		
[illegible]4 / 63			.2	.5	.2													9	9		
[illegible]2 / 61		.8	.2	.1	.2	.1	.1											14	14	3	
[illegible] / 59		.3	.2	.2	.1	.1												9	9	17	1
[illegible]7 / 57		.4	.2	.2	.2	.1												11	11	7	14
5[illegible] / 55		1.0	.5	.3		.2												19	19	10	7
[illegible]4 / 53		.9	.5	.3	.5	.3												24	24	19	19
[illegible]2 / 51		.7	.9	.1	.7	.4												25	25	15	9
5[illegible] / 49	.1	.5	1.0	.5	.2	.2	.1											25	25	18	15
[illegible]6 / 47		1.3	.8	.9	.8	.3												37	37	23	13
[illegible]4 / 45		1.4	.8	.9	.8	.3												38	38	27	23
[illegible]4 / 43		1.2	.9	.7	.5													30	30	32	15
[illegible]2 / 41		1.4	.4	1.5	1.2													42	42	36	23
[illegible] / 39		1.6	2.3	1.1	.2													48	48	35	21
[illegible]7 / 37		3.0	1.5	1.9	.7													64	64	41	36
[illegible]5 / 35	.1	2.6	3.6	2.2	.3													81	81	67	27
3[illegible] / 33	.1	4.3	4.4	1.4														93	93	73	34
[illegible]2 / 31		3.3	3.4	1.9														78	78	96	55
3[illegible] / 29		2.5	3.3	.3														56	56	89	58
2[illegible] / 27		2.3	3.0	.3														51	51	69	68
2[illegible] / 25		2.5	2.1															42	42	62	75
2[illegible] / 23		2.2	1.9															37	37	51	62
[illegible]2 / 21		1.2	1.1															21	21	42	65
2[illegible] / 19	.1	1.4	.4															18	18	25	50
1[illegible] / 17	.1	.8	.4															12	12	22	47
1[illegible] / 15		.4																4	4	11	51
1[illegible] / 13		.1																1	1	4	32
1[illegible] / 11		.8																7	7	2	32
1[illegible] / 9		.5																5	5	8	18
[illegible] / 7		.2																2	2	3	15
[illegible] / 5																				2	7
[illegible] / 3		.1																1	1		6

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 1		•1																1	1	1	9
/ -1	•1																	1	1	2	2
-/ -7																					1
-/ -9																					1
-/-11																					1
TOTAL	•7	40.0	34.1	15.9	6.8	2.3	•2											912			912
																		912		912	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ± 0 F	± 32 F	± 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	4611620	63646	69.8	13.658	912							
Dry Bulb	1336429	33363	36.6	11.281	912	•1	34.4	•4				93
Wet Bulb	1107061	30267	33.2	10.611	912	•2	49.9					93
Dew Point	815495	24823	27.2	12.390	912	•5	66.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.2												2	2		
70/ 69					.4	.1												5	5		
68/ 67				.1	.2	.1												4	4		
66/ 65				.1	.3	.3		.2										9	9		
64/ 63		.3	.2	.1	.7	.1		.3	.1									17	17		
62/ 61			.7	.4	.2	.2	.3	.2										19	19	11	
60/ 59		.1	.4	.1	.2	.3	.1	.4										16	16	10	3
58/ 57		.5	.2	.7	.2	.4	.5											24	24	11	8
56/ 55		.4	.8	.5	.3	.5	.5											29	29	23	12
54/ 53		.4	.7	.4	.5	.9	.1	.2										30	30	8	17
52/ 51		1.1	.4	.9	1.1	1.4	.9											53	53	27	9
50/ 49		.7	.7	.9	.8	.4	.1											32	32	28	24
48/ 47		2.3	.3	.7	1.2	1.3	.1											54	54	33	25
46/ 45		.4	.5	.3	1.4	.4												29	29	51	24
44/ 43		.8	1.0	.9	1.8	.5												45	45	44	23
42/ 41		1.2	.7	2.1	2.1	.3												58	58	38	13
40/ 39		1.9	1.3	2.6	1.3	.3												68	68	45	22
38/ 37	.2	1.5	1.6	2.9	.9	.3												68	68	65	46
36/ 35	.1	1.3	3.1	2.5	.8													71	71	69	38
34/ 33	.1	2.6	2.5	2.7	.7													79	79	77	32
32/ 31		1.9	3.0	2.6	.3													71	71	91	52
30/ 29		.5	1.6	1.3														32	32	73	54
28/ 27		1.0	1.9	1.0														35	35	65	62
26/ 25		.3	1.8	.2														21	21	52	81
24/ 23		.1	.7															7	7	32	70
22/ 21			.4															4	4	19	53
20/ 19		.1	.5															6	6	7	38
18/ 17		.3	.4															7	7	7	42
16/ 15		.8																7	7	9	32
14/ 13		.3																3	3	7	42
12/ 11		.2	.1															3	3	3	21
10/ 9		.3																3	3	2	27
8/ 7		.1																1	1	4	12
6/ 5																				1	9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					14
2/ 1																					1
0/ -1																					1
- / -3																					2
-6/ -5																					3
TOTAL	.4	21.7	25.5	24.1	15.5	8.4	2.7	1.4	.1									912			912
																	912		912		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3719017	56261	61.7	16.509	912							
Dry Bulb	1661660	37514	41.1	11.408	912		20.4	1.1				93
Wet Bulb	1285027	32901	36.1	10.377	912		37.9					93
Dew Point	867925	25665	28.1	12.645	912	.6	62.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.2												2	2		
70/ 69					.3	.1												4	4		
68/ 67					.3		.1											4	4		
66/ 65				.2	.2	.1			.1									6	6		
64/ 63			.4	.5	.7	.1			.1									17	17		
62/ 61		.2	.3	.9	.7			.1	.1									21	21	6	
60/ 59			.3	.2	.8	.2	.2	.5										21	21	16	
58/ 57		.7	.3	.5	.2	.2	.5	.1	.1									25	25	10	8
56/ 55		.4	.8	.3	.3	1.3	.5	.1										35	35	23	15
54/ 53		.5	.5		1.0	.8	.3											29	29	18	14
52/ 51		.4	.3	1.0	.7	1.0	.5											36	36	23	14
50/ 49	.1	1.1	.1	.5	1.0	1.4	.2											41	41	18	21
48/ 47		1.3	.4	.7	1.0	1.3	.3											46	46	29	25
46/ 45		2.0	.7	.7	.9	.8												45	45	50	29
44/ 43		.8	.5	1.1	1.6	1.2												48	48	49	16
42/ 41		.5	1.0	2.0	2.1	.7												57	57	43	13
40/ 39		1.6	1.8	2.2	1.2	.5												67	67	52	25
38/ 37	.2	2.0	1.2	1.9	1.1	.2												60	60	55	35
36/ 35		2.1	1.4	2.5	1.0													64	65	84	28
34/ 33	.3	1.8	2.0	3.0	1.0													73	73	70	47
32/ 31		1.8	2.2	2.6	.8													67	67	72	60
30/ 29		.8	2.9	1.3	.2													47	47	72	54
28/ 27		1.1	2.4	.3														35	35	66	51
26/ 25		.3	1.4	.3														19	19	68	68
24/ 23		.1	.5															6	6	32	56
22/ 21			.7															6	6	14	57
20/ 19			.7															6	6	5	44
18/ 17		.4	.8															11	11	7	50
16/ 15		.2	.1															3	3	15	44
14/ 13		.5	.3															8	8	4	43
12/ 11																				6	25
10/ 9		.1																1	1	3	19
8/ 7																					14
6/ 5																					15

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-73 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					6
/ 1																					10
/ -1																					1
-4/ -5																					3
TOTAL	.7	20.	92	4.	22.	2	91	7.	0	10.	2	2.9	.9	.4					911		910
																	910			910	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3608754	55180	60.6	17.003	910							
Dry Bulb	1665746	37568	41.2	11.315	911		21.3	1.0				93
Wet Bulb	1278762	32802	36.0	10.297	910		37.2					93
Dew Point	850391	25255	27.8	12.824	910	.4	63.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | 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
7[illegible] / 69					.3														2	2		
68 / 67					.1														1	1		
66 / 65					.1														1	1		
64 / 63				.6															5	5		
62 / 61		.4	.3	.5	.1														10	10	2	
6[illegible] / 59			.9	.1	.3				.3										12	12	5	1
58 / 57		.1	.1	.9	.3			.1											12	12	11	3
56 / 55		1.3	1.1	.5	.1	.1													25	25	11	9
54 / 53		1.4	.9	.4	.5	.1	.5												30	30	16	15
52 / 51		.5	1.4	.6	.1	.3													23	23	28	15
5[illegible] / 49		.8	.8	1.0	.5	.4													27	27	18	16
4[illegible] / 47		.3	.4	.9	1.0	.6													25	25	18	20
46 / 45		1.3	.6	1.1	1.1	.4													36	36	21	16
44 / 43		1.6	1.1	2.4	1.6														54	54	26	16
42 / 41		.9	.6	1.5	2.3														42	42	36	15
4[illegible] / 39	.3	2.0	1.4	1.4	.3														42	42	39	20
3[illegible] / 37		2.5	2.6	2.8															63	63	60	31
3[illegible] / 35	.1	2.6	2.6	2.5	.4														66	68	62	28
3[illegible] / 33	.1	1.6	3.1	3.1															66	67	72	32
32 / 31	.1	2.4	2.4	2.1															56	56	64	54
3[illegible] / 29		1.5	4.9	.6															56	56	63	46
2[illegible] / 27		.8	4.0	.8															44	44	63	52
26 / 25		1.3	3.4																37	37	56	59
24 / 23		.6	2.1	.1															23	23	44	55
22 / 21		.3	.6																7	7	37	48
2[illegible] / 19		.8	.4																9	9	10	51
18 / 17		.9	.1																8	8	12	47
1[illegible] / 15		.4	.1																4	4	8	39
14 / 13		.6																	5	5	4	30
1[illegible] / 11		.1																	1	1	5	29
10 / 9		.3																	2	2	2	17
8 / 7		.3																	2	2	3	14
6 / 5																						5
4 / 3																						4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 1																				5
/ -1																				4
TOTAL	•9	27.	33	6.12	4.0	9.0	1.9	.5	.1	.3								796	799	796	796

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	• 73 F	• 80 F	• 93 F	Total
Rel. Hum.	3702669	53097	66.7	14.224	796							
Dry Bulb	1255424	30482	38.2	10.768	799		29.6	.3				93
Wet Bulb	1014348	27236	34.2	10.183	796		43.3					93
Dew Point	723396	21934	27.6	12.235	796	.5	65.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424[illegible] FT KNOX/GODMAN AAF KY 65-70,75-78 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31					
[illegible]6/ 65			.1	.1														2	2		
[illegible]4/ 63			.1	.4														4	4		
[illegible]2/ 61		.1	.6		.1													7	7	1	
[illegible] / 59			.1	.1	.1				.1									4	4	4	1
5[illegible] / 57		1.0	.9	.1	.1			.3	.1									20	20	9	1
5[illegible] / 55	.3	1.0	.9	.6	.4	.1												26	26	9	18
[illegible]4/ 53		1.1	.5	.9				.4										23	23	23	5
[illegible]2/ 51		1.1	1.1	.3														20	20	15	15
5[illegible] / 49		.1	.5	1.4	.1	.3												19	19	17	18
[illegible]8/ 47		.4	.9	.8	.4													19	19	21	11
4[illegible] / 45		.9	1.0	.9	1.0	.1												31	31	17	10
[illegible]4/ 43		.8	.8	1.1	.4	.4												27	27	25	25
[illegible]2/ 41		2.0	1.5	1.9	1.3													53	53	22	11
[illegible] / 39		2.2	1.3	1.7														40	40	40	18
3[illegible] / 37	.1	2.7	2.8	1.4	.1													56	56	55	30
3[illegible] / 35		3.4	2.5	.5	.1													52	52	51	33
3[illegible] / 33		2.4	2.9	.6	.3													49	52	68	26
[illegible]2/ 31	.3	3.8	4.8	1.4	.1													82	82	56	42
[illegible] / 29		1.7	5.3	.4														58	58	56	57
2[illegible] / 27		3.2	3.1	.5														53	53	64	57
2[illegible] / 25		2.3	4.1															50	50	76	49
2[illegible] / 23		1.1	1.3															19	19	46	52
[illegible]2/ 21	.1	2.5	.8															27	27	42	43
2[illegible] / 19		1.7	.4															16	16	20	63
1[illegible] / 17		1.0	.3															10	10	20	50
1[illegible] / 15		.4																3	3	9	37
1[illegible] / 13		.5																4	4	4	32
1 / 11		.6																5	5	6	28
1 / 9		.5																4	4	5	25
[illegible] / 7		.4																3	3	2	9
[illegible] / 5																				3	7
[illegible] / 3																					3
/ 1																					5
/ -1																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | DEC (MONTH)

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
TOTAL	.8	39.1	38.7	15.1	4.6	.9		.6	.3									786	789	786	786

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4006151	55125	70.1	13.356	786							
Dry Bulb	1131416	28580	36.2	11.047	789		39.4					93
Wet Bulb	936617	25859	32.9	10.459	786		48.4					93
Dew Point	689883	21227	27.0	12.188	786	.6	66.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.1												4	4		
7 / 69					.1	.0												12	12		
6 / 67				.0	.1	.0	.0											12	12		
6/ 65			.0	.1	.1	.1		.0	.0									21	21		
64/ 63		.3	.2	.4	.2	.0		.0	.0									62	62		
62/ 61		.3	.5	.3	.2	.0	.1	.0	.0									101	101	26	
6 / 59		.2	.3	.2	.2	.1	.0	.1	.0									88	88	75	12
5 / 57		.6	.4	.4	.2	.1	.1	.1	.0									131	131	76	52
5 / 55	.0	1.1	.6	.4	.2	.3	.2	.0										190	190	105	95
4/ 53		.9	.5	.4	.4	.3	.2	.1										190	190	148	108
2/ 51		.6	.8	.4	.5	.5	.2											205	205	141	105
5 / 49	.0	.5	.6	.6	.4	.4	.1											183	183	126	122
/ 47		1.0	.6	.6	.7	.5	.1											242	242	164	119
4 / 45		1.1	.8	.8	.8	.4												256	256	214	133
4/ 43		1.2	1.0	1.0	1.0	.3												302	302	244	131
2/ 41		1.4	.7	1.4	1.2	.2												327	327	255	126
4 / 39	.0	2.0	1.6	1.4	.5	.1												375	375	312	167
3 / 37	.1	2.8	1.9	1.8	.4	.1												481	481	388	243
3/ 35	.0	2.9	2.7	1.4	.3													500	503	494	258
3/ 33	.1	3.0	3.1	1.5	.3													548	559	535	272
2/ 31	.2	3.3	3.4	1.6	.2													581	582	617	424
/ 29		2.0	3.6	.6	.0													421	421	519	398
2/ 27	.0	2.7	2.7	.4														397	397	516	439
2/ 25	.1	2.3	2.4	.1														329	329	539	517
24/ 23		1.7	1.2	.0														198	198	366	468
2/ 21	.0	2.1	.7															191	191	292	447
/ 19	.1	1.6	.4															142	142	183	397
1/ 17	.0	1.2	.3															103	103	170	371
1/ 15	.1	.6	.0															52	52	101	366
1/ 13		.5	.0															40	40	40	295
1 / 11	.1	.5	.0															38	38	52	246
/ 9	.1	.3																22	22	34	163
/ 7		.2																15	15	16	106
/ 5		.0																3	3	14	74

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 (0) STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-78 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3	.1	.0																7	7	6	43
2/ 1	.3	.0																3	3	2	34
/ -1	.0	.0																2	2	3	27
- / -3																				1	5
-4/ -5																					6
-6/ -7																					1
-8/ -9																					2
-1 /-11																					1
-1 /-13																					1
TOTAL	1.1	39.0	30.9	15.9	8.0	3.6	.9	.4	.1										6789		6774
																		6774		6774	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33379098	464574	68.6	14.969	6774							
Dry Bulb	10227008	251434	37.0	11.610	6789	.2	278.9	3.1				744
Wet Bulb	8320976	226094	33.4	10.695	6774	.4	381.2					744
Dew Point	5997908	183364	27.1	12.359	6774	4.7	530.6					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-79 (YEARS) ALL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
98/ 97									.0	.0	.0	.0	.0					6	6		
96/ 95								.0	.0	.0	.0	.0	.0					37	37		
94/ 93							.0	.0	.0	.0	.0	.0	.0	.0				132	133		
92/ 91				.0			.0	.1	.1	.1	.0	.0	.0	.0				290	292		
90/ 89				.0	.0	.0	.1	.2	.2	.1	.0	.0						601	604		
88/ 87			.0	.0	.0	.1	.3	.3	.2	.1	.1	.0	.0					895	896		
86/ 85			.0	.0	.1	.3	.3	.3	.2	.2	.1	.0	.0					1287	1287	1	
84/ 83			.0	.1	.2	.4	.4	.4	.3	.1	.1	.0	.0					1636	1636	2	2
82/ 81		.0	.0	.1	.3	.5	.4	.3	.3	.2	.1	.0	.0					1972	1972	28	2
80/ 79	.0	.0	.1	.3	.5	.5	.3	.4	.3	.2	.1	.0	.0					2243	2243	156	14
78/ 77	.0	.0	.3	.5	.6	.4	.4	.3	.2	.2	.0	.0	.0					2473	2473	520	63
76/ 75	.0	.1	.5	.7	.7	.4	.3	.3	.2	.1	.1	.0						2978	2982	1339	234
74/ 73	.0	.3	.8	1.0	.4	.4	.3	.2	.2	.1	.0	.0						3365	3369	2490	676
72/ 71	.0	.5	1.1	.8	.5	.4	.3	.2	.2	.1	.0	.0						3676	3677	3071	1529
70/ 69	.1	.6	1.3	.7	.5	.4	.3	.2	.1	.1	.0	.0						3767	3771	3875	2604
68/ 67	.1	.6	1.1	.6	.6	.4	.3	.2	.1	.1	.0	.0						3472	3475	4437	3621
66/ 65	.0	.6	1.1	.8	.5	.3	.2	.2	.1	.1	.0							3461	3461	3904	3796
64/ 63	.0	.7	1.0	.8	.4	.3	.2	.2	.1	.0	.0							3256	3263	4002	3331
62/ 61	.0	.8	.9	.7	.4	.3	.2	.2	.1	.0								3172	3174	3806	3348
60/ 59	.0	.8	1.0	.6	.4	.3	.3	.2	.1	.0								3106	3107	3921	3473
58/ 57	.0	.6	.9	.5	.4	.3	.3	.1	.0									2828	2828	3673	3710
56/ 55	.0	.8	.8	.4	.4	.4	.3	.1	.0									2680	2680	3417	3495
54/ 53	.0	.8	.6	.5	.4	.4	.2	.1	.0									2577	2577	3269	3246
52/ 51	.0	.6	.7	.4	.5	.4	.2	.0	.0									2352	2352	2700	3366
50/ 49	.0	.5	.6	.5	.4	.4	.1	.0										2299	2299	2536	2893
48/ 47	.0	.7	.5	.5	.5	.3	.1	.0										2287	2287	2695	2612
46/ 45	.0	.7	.6	.6	.5	.2	.0	.0										2276	2276	2689	2446
44/ 43	.0	.7	.8	.5	.4	.2	.0											2281	2281	2664	2277
42/ 41	.0	.8	.7	.7	.5	.1	.0											2365	2365	2656	2346
40/ 39	.0	.8	.8	.6	.3	.1												2334	2334	2747	2144
38/ 37	.1	.9	.7	.7	.2	.0												2249	2249	2628	2372
36/ 35	.0	.9	1.0	.5	.2	.0												2268	2275	2598	2721
34/ 33	.0	1.1	1.0	.5	.1	.0												2358	2370	2701	2383
32/ 31	.1	1.0	1.0	.5	.1	.0												2269	2272	2850	2786

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424? STATION | FT KNOX/GODMAN AAF KY STATION NAME | 65-70,75-79 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31				
3?/ 29	.0	.8	1.1	.2	.0	.0												1888	1890	2465	2837
28/ 27	.0	.9	.8	.2	.0													1662	1666	2169	2536
26/ 25	.0	.9	.7	.1	.0													1453	1455	2214	2606
24/ 23	.0	.7	.5	.0	.0													1103	1105	1674	2125
22/ 21	.0	.6	.3	.0														686	886	1327	2217
2?/ 19	.1	.6	.2	.0														815	819	944	2161
1?/ 17	.0	.6	.2															654	657	907	1932
16/ 15	.0	.4	.1															461	462	678	1579
14/ 13	.0	.3	.1															336	336	445	1283
12/ 11	.0	.3	.0															287	287	371	1046
1?/ 9	.0	.2	.0															229	229	300	916
8/ 7	.0	.2	.0															194	195	237	769
6/ 5	.0	.2																173	173	208	502
4/ 3	.0	.1																135	135	157	357
2/ 1	.0	.1																126	126	134	369
0/ -1	.1	.0																98	98	122	253
-?/ -3	.0	.0																50	50	65	241
-4/ -5	.0	.0																28	28	31	190
-6/ -7	.0	.0																25	25	27	140
-8/ -9	.0																	10	10	11	113
-?/-11	.0																	9	9	9	79
-12/-13	.0																	7	7	7	42
-14/-15	.0																	4	4	4	28
-16/-17																					22
-18/-19																					16
-?/-21																					13
-22/-23																					15
-24/-25																					4
TOTAL	1.4	23.1	23.8	15.9	11.1	8.1	6.0	4.8	3.2	1.7	.7	.2	.0	.0				85881	85955	85881	85881

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	• 80 F	• 93 F	Total
Rel. Hum.	405728383	5716017	66.6	17.159	85881							
Dry Bulb	293144726	4733038	55.1	19.452	85955	23.7	1340.6	2901.5	1801.2	808.3	17.6	8760
Wet Bulb	232691869	4218693	49.1	17.218	85881	28.5	1802.5	1597.8	454.9	7.7		8760
Dew Point	190903335	3708223	43.2	18.934	85881	119.1	2814.3	876.8	99.3	1.0		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	26.3	31.9	40.7	52.1	59.1	66.4	70.2	68.7	62.6	50.7	42.8	35.2	51.1
	S D	14.086	12.433	11.838	9.951	7.929	5.983	5.366	5.628	7.939	9.350	11.151	11.180	17.464
	TOTAL OBS	891	763	837	810	834	900	930	929	900	930	888	797	10409
03-05	MEAN	24.9	30.3	38.8	49.6	56.9	64.3	68.3	66.8	60.8	48.7	41.6	34.0	49.3
	S D	14.378	12.560	12.064	10.181	8.370	6.186	5.530	5.850	8.216	9.687	11.374	11.348	17.392
	TOTAL OBS	891	762	837	811	865	900	926	927	900	930	888	795	10432
06-08	MEAN	24.3	28.7	38.5	50.8	59.9	67.9	71.2	68.9	62.0	49.2	41.1	33.0	49.9
	S D	14.671	12.699	12.078	10.112	8.867	6.524	5.724	5.945	8.204	9.613	11.404	11.541	18.701
	TOTAL OBS	907	844	930	900	927	900	930	929	900	930	890	874	10861
09-11	MEAN	27.5	33.3	44.7	58.4	68.0	75.6	79.2	77.1	70.3	57.7	46.3	36.6	56.4
	S D.	14.321	12.339	12.716	10.707	9.394	7.152	6.000	6.107	8.255	9.540	11.468	11.281	20.198
	TOTAL OBS	914	846	930	900	927	900	930	930	900	930	891	912	10910
12-14	MEAN	31.8	38.5	49.8	63.7	72.4	79.8	83.5	81.6	75.3	63.6	51.0	41.1	61.2
	S D	13.829	12.574	13.462	11.111	9.485	7.182	6.148	6.172	8.397	9.830	12.185	11.408	20.215
	TOTAL OBS	915	846	930	900	927	900	928	930	900	930	889	912	10907
15-17	MEAN	32.6	39.8	51.0	64.8	73.0	80.2	83.6	82.0	75.4	63.4	50.7	41.2	61.7
	S D.	13.378	12.557	13.455	10.765	9.209	6.901	6.391	5.863	8.281	9.713	12.131	11.315	20.016
	TOTAL OBS	915	846	930	900	927	900	930	930	900	930	890	911	10909
18-20	MEAN	29.9	36.2	46.9	60.4	68.3	75.5	78.7	76.4	69.1	57.0	46.5	38.2	57.3
	S. D.	13.229	12.249	12.411	10.142	8.867	6.573	6.210	6.023	8.001	8.919	11.456	10.768	19.030
	TOTAL OBS	905	846	930	900	927	900	930	930	900	930	893	799	10790
21-23	MEAN	27.9	33.2	43.1	55.5	62.4	69.7	73.1	71.4	64.7	53.0	44.1	36.2	53.2
	S. D.	13.668	12.021	11.736	9.614	7.896	5.947	5.415	5.566	7.700	9.013	11.185	11.047	17.821
	TOTAL OBS	900	846	930	899	897	900	928	930	900	930	888	789	10737
ALL HOURS	MEAN	28.2	34.1	44.3	57.1	65.2	72.4	76.0	74.1	67.5	55.4	45.5	37.0	55.1
	S D.	14.237	12.950	13.279	11.688	10.532	8.723	8.146	8.122	9.807	10.985	12.085	11.610	19.452
	TOTAL OBS	7238	6599	7254	7020	7231	7200	7432	7435	7200	7440	7117	6789	85955

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	24.2	28.9	36.5	46.6	54.9	62.1	66.1	64.6	59.0	46.9	39.1	32.2	47.3
	S D	13.304	11.531	10.634	9.447	7.898	6.008	5.226	5.691	7.810	9.324	10.617	10.531	16.794
	TOTAL OBS	885	763	837	810	831	900	924	929	900	930	888	794	10391
03-05	MEAN	23.1	27.8	35.3	45.1	53.2	60.9	64.9	63.4	57.8	45.6	38.3	31.4	46.1
	S D	13.638	11.729	11.016	9.735	8.349	6.233	5.363	5.907	8.029	9.557	10.632	10.732	16.844
	TOTAL OBS	885	762	837	811	862	900	919	927	900	930	888	792	10413
06-08	MEAN	22.7	26.4	35.1	45.8	55.1	62.9	66.7	64.7	58.6	46.1	38.0	30.6	46.3
	S D	14.024	11.950	11.020	9.576	8.525	6.104	5.304	5.734	7.883	9.333	10.850	10.984	17.654
	TOTAL OBS	901	844	930	900	927	900	930	929	900	930	890	872	10853
09-11	MEAN	25.2	29.8	39.2	50.1	59.1	66.4	70.0	68.4	62.7	51.0	41.4	33.2	49.9
	S. D	13.559	11.310	10.878	9.235	8.224	5.923	5.179	5.430	7.318	8.580	10.580	10.611	17.710
	TOTAL OBS	914	846	930	900	927	900	930	930	900	930	891	912	10910
12-14	MEAN	28.3	33.3	42.0	52.6	60.9	67.8	71.1	69.7	64.4	53.4	43.8	36.1	52.1
	S D	12.818	11.027	10.672	8.838	7.755	5.743	5.097	5.249	7.059	8.390	10.571	10.377	16.960
	TOTAL OBS	915	846	930	900	927	900	927	930	900	930	889	912	10906
15-17	MEAN	28.8	33.9	42.3	53.0	61.1	67.9	70.9	69.8	64.4	53.2	43.6	36.0	52.2
	S. D.	12.396	10.852	10.444	8.442	7.520	5.464	4.942	5.127	6.954	8.362	10.531	10.297	16.745
	TOTAL OBS	913	846	930	900	927	900	926	930	900	930	890	910	10902
18-20	MEAN	26.9	31.6	40.0	51.0	59.3	66.5	69.8	68.1	62.3	50.3	41.2	34.2	50.4
	S. D.	12.501	10.992	10.223	8.495	7.660	5.531	4.980	5.353	7.267	8.665	10.626	10.183	16.939
	TOTAL OBS	902	846	930	900	927	900	927	930	900	930	893	796	10781
21-23	MEAN	25.4	29.6	37.9	48.7	56.6	64.1	67.7	66.0	60.2	48.3	39.9	32.9	48.4
	S D	12.960	11.050	10.225	8.821	7.620	5.861	5.150	5.610	7.484	8.923	10.644	10.459	16.828
	TOTAL OBS	897	846	930	899	894	899	926	930	900	930	888	786	10725
ALL HOURS	MEAN	25.6	30.2	38.6	49.2	57.6	64.8	68.4	66.8	61.2	49.3	40.7	33.4	49.1
	S. D.	13.321	11.559	10.956	9.505	8.412	6.380	5.608	5.986	7.876	9.355	10.854	10.695	17.218
	TOTAL OBS	7212	6599	7254	7020	7222	7199	7409	7435	7200	7440	7117	6774	85881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	18.6	22.8	30.2	40.7	51.2	59.3	63.8	62.1	56.5	42.9	33.9	26.7	43.0
	S D	14.993	13.148	12.101	11.377	9.468	6.991	5.917	6.644	8.505	10.838	12.340	11.996	18.703
	TOTAL OBS	885	763	837	810	831	900	924	929	900	930	888	794	10391
03-05	MEAN	17.9	22.2	29.8	39.9	50.0	58.5	63.0	61.2	55.6	42.2	33.6	26.3	42.3
	S D	15.209	13.070	12.209	11.441	9.725	7.076	5.879	6.721	8.568	10.700	12.387	12.008	18.590
	TOTAL OBS	885	762	637	811	862	900	919	927	900	930	888	792	10413
06-08	MEAN	17.8	21.2	29.8	40.2	51.1	59.7	64.1	62.1	56.1	42.6	33.5	25.7	42.3
	S D	15.626	13.102	12.144	11.337	9.970	7.178	5.962	6.618	8.415	10.331	12.290	12.303	19.096
	TOTAL OBS	901	844	930	900	927	900	930	929	900	930	890	872	10853
09-11	MEAN	19.2	22.8	31.6	41.6	52.3	60.9	65.1	63.6	57.6	44.4	35.0	27.2	43.6
	S D.	15.574	13.172	12.543	11.745	10.559	7.664	6.572	7.118	8.791	10.665	12.516	12.390	19.183
	TOTAL OBS	914	846	930	900	927	900	930	930	900	930	891	912	10910
12-14	MEAN	20.5	24.0	31.9	41.9	52.4	60.9	64.7	63.2	57.4	44.0	35.0	28.1	43.8
	S D.	15.356	13.586	12.731	11.731	10.520	7.903	6.838	7.463	9.034	11.313	13.054	12.645	18.904
	TOTAL OBS	915	846	930	900	927	900	927	930	900	930	889	912	10906
15-17	MEAN	20.5	23.7	31.2	41.8	52.3	60.8	64.4	63.1	57.2	43.6	34.7	27.8	43.6
	S D.	15.031	13.684	12.734	11.638	10.396	7.684	6.878	7.443	8.997	11.495	13.073	12.824	18.923
	TOTAL OBS	913	846	930	900	927	900	926	930	900	930	890	910	10902
18-20	MEAN	19.8	22.8	30.5	41.6	52.4	61.1	65.0	63.5	57.7	43.6	34.3	27.6	43.7
	S D.	14.865	13.459	12.292	11.367	10.054	7.288	6.342	6.850	8.425	11.138	12.830	12.235	19.063
	TOTAL OBS	902	846	930	900	927	900	927	930	900	930	893	796	10781
21-23	MEAN	19.2	22.2	30.3	41.4	52.0	60.5	64.6	62.8	57.0	43.3	33.9	27.0	43.2
	S D	14.875	12.946	11.991	11.071	9.493	7.141	6.049	6.810	8.360	10.779	12.650	12.188	18.915
	TOTAL OBS	897	846	930	899	894	899	926	930	900	930	888	786	10725
ALL HOURS	MEAN	19.2	22.7	30.7	41.1	51.7	60.?	64.3	62.7	56.9	43.3	34.2	27.1	43.2
	S. D.	15.218	13.297	12.368	11.483	10.070	7.420	6.348	7.005	8.666	10.929	12.652	12.359	18.934
	TOTAL OBS	7212	6599	7254	7020	7222	7199	7409	7435	7200	7440	7117	6774	85881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	98.9	95.8	85.0	61.6	30.3	4.4	73.1	885
	03-05	100.0	100.0	100.0	99.4	97.3	88.0	68.2	35.4	6.6	75.1	885
	06-08	100.0	100.0	100.0	99.9	97.6	90.7	72.8	40.7	6.3	76.4	901
	09-11	100.0	100.0	99.9	98.4	91.9	80.4	55.8	27.6	5.8	71.6	914
	12-14	100.0	100.0	99.1	92.5	78.1	57.3	35.0	18.0	5.5	64.3	915
	15-17	100.0	100.0	99.1	90.6	72.7	52.1	32.5	17.4	5.0	62.6	913
	18-20	100.0	100.0	100.0	97.1	86.0	64.7	40.1	20.6	3.8	66.8	902
	21-23	100.0	100.0	99.7	99.2	93.5	78.0	50.2	24.6	5.2	70.6	897
TOTALS		100.0	100.0	99.7	97.0	89.1	74.5	52.0	26.8	5.3	70.1	7212

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	98.7	93.2	74.2	46.9	26.3	6.4	69.9	763
	03-05	100.0	100.0	100.0	99.7	95.9	82.7	56.4	31.1	7.6	72.5	762
	06-08	100.0	100.0	100.0	99.9	97.4	87.2	59.7	31.2	7.0	73.8	844
	09-11	100.0	99.9	99.3	96.0	85.5	64.8	39.8	21.9	6.0	66.8	846
	12-14	100.0	99.4	94.7	83.7	64.4	40.5	25.8	13.6	4.1	58.2	846
	15-17	100.0	99.5	93.1	76.4	54.3	35.1	23.2	13.0	3.8	55.4	846
	18-20	100.0	100.0	97.6	88.8	67.0	43.3	27.5	16.7	4.0	60.2	846
	21-23	100.0	100.0	99.8	96.1	82.6	58.9	34.2	19.5	4.8	65.1	846
TOTALS		100.0	99.9	98.1	92.4	80.0	60.8	39.2	21.7	5.5	65.2	6599

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GOODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.8	96.7	84.5	63.6	43.1	28.6	7.9	68.0	837
	03-05	100.0	100.0	100.0	98.9	89.7	74.3	54.5	31.8	8.2	71.4	837
	06-08	100.0	100.0	100.0	98.8	91.8	76.8	56.8	33.5	9.6	72.3	930
	09-11	100.0	99.7	97.1	88.9	70.2	49.7	35.7	20.4	5.2	62.5	930
	12-14	100.0	98.4	88.6	69.6	50.2	36.3	24.1	12.8	2.0	53.9	930
	15-17	100.0	97.8	82.0	60.6	43.5	30.9	20.6	11.9	2.2	50.6	930
	18-20	100.0	99.7	93.0	75.1	53.8	37.3	25.3	15.3	4.0	56.0	930
	21-23	100.0	100.0	99.0	90.6	69.9	49.6	35.1	22.5	6.1	62.8	930
TOTALS		100.0	99.5	94.9	84.9	69.2	52.3	36.9	22.1	5.7	62.2	7254

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.9	98.1	82.5	61.2	41.1	19.1	4.9	66.5	810
	03-05	100.0	100.0	99.9	98.9	91.7	72.3	49.8	25.9	7.2	70.5	811
	06-08	100.0	100.0	99.8	97.3	88.2	67.0	43.3	22.7	6.6	68.3	900
	09-11	100.0	99.9	96.0	78.6	55.1	36.8	22.6	11.1	2.7	56.0	900
	12-14	100.0	99.4	84.3	55.1	35.8	25.4	15.6	7.8	1.8	48.1	900
	15-17	100.0	98.3	77.3	49.9	34.2	22.9	13.1	6.9	1.7	46.2	900
	18-20	100.0	99.8	91.2	68.6	46.3	33.6	20.7	10.7	1.6	52.8	900
	21-23	100.0	100.0	99.8	89.9	66.4	47.6	30.4	15.1	2.9	61.0	899
TOTALS		100.0	99.7	93.5	79.6	62.5	45.9	29.6	14.9	3.7	58.7	7020

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	99.2	94.9	86.8	67.3	40.7	11.4	75.9	831
	03-05	100.0	100.0	100.0	99.5	96.2	90.3	79.5	46.8	12.8	78.5	862
	06-08	100.0	100.0	100.0	99.1	93.9	82.8	64.5	31.8	7.3	73.7	927
	09-11	100.0	100.0	98.0	86.5	67.2	45.2	25.4	10.8	2.7	59.3	927
	12-14	100.0	100.0	92.8	71.5	44.2	27.7	15.1	7.1	1.5	51.7	927
	15-17	100.0	99.8	92.6	68.0	41.9	26.0	14.7	6.1	1.0	50.6	927
	18-20	100.0	100.0	97.7	85.5	63.4	42.0	25.7	13.2	1.3	58.9	927
	21-23	100.0	100.0	99.9	98.4	91.6	72.6	47.0	26.0	5.4	69.9	894
TOTALS		100.0	100.0	97.6	88.5	74.2	59.2	42.4	22.8	5.4	64.8	7222

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.9	96.3	77.0	44.6	8.9	78.2	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.0	87.6	58.6	11.9	81.4	900
	06-08	100.0	100.0	100.0	99.7	97.4	89.0	68.3	39.7	7.4	75.8	900
	09-11	100.0	100.0	99.3	93.2	75.7	50.7	27.9	15.1	1.9	61.8	900
	12-14	100.0	100.0	96.3	83.0	54.1	29.9	15.8	6.3	.7	54.3	900
	15-17	100.0	100.0	96.9	79.0	51.2	28.2	14.4	6.6	1.2	53.4	900
	18-20	100.0	100.0	99.9	94.6	77.3	50.3	27.7	12.3	2.9	62.2	900
	21-23	100.0	100.0	100.0	100.0	98.1	85.5	58.4	28.3	6.1	73.2	899
TOTALS		100.0	100.0	99.1	93.7	81.7	66.0	47.1	26.4	5.1	67.5	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	97.7	86.7	51.9	11.7	80.5	924
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	93.9	65.1	16.2	83.3	919
	06-08	100.0	100.0	100.0	100.0	99.6	95.8	78.9	45.3	8.1	78.4	930
	09-11	100.0	100.0	100.0	97.6	84.5	55.7	25.5	8.2	1.1	62.9	930
	12-14	100.0	100.0	99.2	89.0	57.2	25.7	9.9	3.2	.6	54.2	927
	15-17	100.0	100.0	98.8	85.1	53.2	27.0	12.7	5.6	1.0	53.9	926
	18-20	100.0	100.0	99.9	97.3	82.7	59.2	32.8	12.4	1.8	64.0	927
	21-23	100.0	100.0	100.0	100.0	98.9	91.7	66.7	35.7	4.6	75.3	926
TOTALS		100.0	100.0	99.7	96.1	84.5	69.0	50.9	28.4	5.6	69.1	7409

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	98.6	95.7	83.3	53.3	8.0	79.6	929
	03-05	100.0	100.0	100.0	100.0	98.8	97.0	89.9	65.9	13.5	82.4	927
	06-08	100.0	100.0	100.0	99.9	97.7	93.6	80.7	53.7	11.1	79.6	929
	09-11	100.0	100.0	100.0	96.6	84.2	57.5	32.3	14.2	2.6	64.4	930
	12-14	100.0	100.0	98.8	86.2	58.3	29.6	15.1	6.6	1.2	55.1	930
	15-17	100.0	100.0	98.6	83.8	54.9	27.1	13.3	6.3	1.0	54.1	930
	18-20	100.0	100.0	100.0	98.3	86.3	63.0	36.1	13.4	1.5	65.4	930
	21-23	100.0	100.0	100.0	100.0	97.6	89.4	68.1	35.4	3.5	74.9	930
TOTALS		100.0	100.0	99.7	95.6	84.6	69.1	52.4	31.1	5.3	69.4	7435

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

2

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.3	85.7	53.7	12.7	80.7	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	92.6	62.2	17.6	83.0	900
	06-08	100.0	100.0	100.0	100.0	99.9	98.0	87.0	57.0	14.9	81.5	900
	09-11	100.0	100.0	100.0	96.8	84.4	61.1	36.8	16.4	3.3	65.5	900
	12-14	100.0	100.0	98.8	85.2	57.8	31.9	16.4	8.4	2.0	55.5	900
	15-17	100.0	100.0	98.3	82.9	53.3	30.3	17.6	7.7	1.3	54.8	900
	18-20	100.0	100.0	100.0	99.2	91.1	71.4	41.4	17.6	2.8	68.0	900
	21-23	100.0	100.0	100.0	100.0	99.9	93.6	72.1	35.1	6.0	76.4	900
TOTALS		100.0	100.0	99.6	95.5	85.8	72.9	56.2	32.3	7.6	70.7	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.6	96.7	86.1	66.1	38.3	8.9	75.4	930
	03-05	100.0	100.0	100.0	100.0	98.7	93.5	77.5	45.5	12.6	78.7	930
	06-08	100.0	100.0	100.0	99.9	98.9	93.5	77.0	44.4	14.5	78.5	930
	09-11	100.0	100.0	98.9	92.4	74.7	53.7	33.7	18.0	6.0	63.2	930
	12-14	100.0	99.7	91.2	68.4	44.9	25.9	15.9	9.0	3.2	51.6	930
	15-17	100.0	99.9	91.6	65.4	42.6	27.7	16.5	9.0	2.9	51.1	930
	18-20	100.0	100.0	99.8	92.8	74.5	51.0	30.4	14.8	4.9	62.5	930
	21-23	100.0	100.0	100.0	98.8	91.6	74.2	49.5	25.3	6.8	70.5	930
TOTALS		100.0	100.0	97.7	89.7	77.8	63.2	45.8	25.5	7.5	66.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	98.1	93.1	78.7	56.2	29.4	5.4	71.6	888
	03-05	100.0	100.0	100.0	98.4	94.1	83.6	64.0	38.6	6.8	73.9	886
	06-08	100.0	100.0	100.0	98.7	94.8	85.7	67.8	39.6	8.7	75.0	890
	09-11	100.0	100.0	99.9	95.1	82.0	62.7	40.3	20.5	4.2	66.1	891
	12-14	100.0	99.8	95.8	77.2	57.0	39.7	23.7	14.3	3.4	56.8	889
	15-17	100.0	99.8	95.2	77.2	58.3	41.0	24.6	12.5	2.8	56.9	890
	18-20	100.0	99.9	98.8	93.4	78.1	56.0	36.3	18.4	4.4	64.2	893
	21-23	100.0	100.0	99.5	97.1	88.9	68.6	47.4	23.0	4.5	68.5	888
TOTALS		100.0	99.9	98.7	91.9	80.8	64.5	45.0	24.5	5.0	66.6	7117

USAFETAC FORM JUL 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	98.6	94.6	79.7	54.5	29.7	5.9	72.0	794
	03-05	100.0	100.0	99.9	99.1	96.1	85.1	63.3	32.7	6.1	73.9	792
	06-08	100.0	100.0	100.0	99.4	97.2	88.0	66.5	37.2	5.7	75.2	872
	09-11	100.0	100.0	99.9	98.5	91.1	72.6	48.1	26.8	4.6	69.8	912
	12-14	100.0	100.0	99.1	90.8	69.5	47.9	30.8	17.3	4.4	61.7	912
	15-17	100.0	100.0	99.0	88.1	67.1	44.5	28.1	17.6	5.1	60.6	910
	18-20	100.0	100.0	99.6	97.7	88.1	63.9	36.3	21.7	5.7	66.7	796
	21-23	100.0	100.0	99.1	98.2	93.8	76.1	46.7	26.6	4.6	70.1	786
TOTALS		100.0	100.0	99.6	96.3	87.2	69.7	46.8	26.2	5.3	68.8	6774

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,76-79 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.4	8.5	1.0	12.6		21.3	15.6	6.3	.8		20.8	891
	03-05	.2	8.4	1.2	13.6		22.6	16.5	5.9	1.0		21.8	891
	06-08	.2	9.0	1.9	14.2		24.9	19.1	13.1	1.5	.1	30.7	907
	09-11	.2	8.3	1.7	16.2		25.5	17.9	13.2	2.2	.2	31.0	915
	12-14		8.3	1.0	12.2		21.1	13.4	9.7	1.6		23.0	915
	15-17	.2	8.2	.7	11.5		19.9	13.7	8.2	1.6		21.9	915
	18-20	.1	7.7	.3	10.6		18.3	13.8	7.2	1.4		19.8	905
	21-23	.2	8.3	.7	11.4		20.0	14.4	6.0	1.4		19.4	900
TOTALS		.2	8.4	1.1	12.8		21.7	15.6	8.7	1.4	.0	23.6	7239

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72424 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (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	1.0	10.0	.8	7.9		18.3	10.7	3.4			13.4	763
	03-05	.7	8.8	.8	9.6		18.6	15.6	5.2	.4		19.9	762
	06-08	.1	8.8	1.7	9.7		19.4	21.6	12.6	.5		29.9	844
	09-11	.1	7.3	.4	8.6		15.8	16.4	14.5	.5		26.8	846
	12-14	.4	6.9	.2	6.3		13.2	9.0	12.5	.4		19.1	846
	15-17	.6	8.0	.4	5.4		13.4	8.3	7.6			14.8	846
	18-20	.6	8.3	.4	6.0		14.5	9.7	5.6			14.7	846
	21-23	.2	8.4	.2	6.6		14.5	9.7	4.6			13.1	846
TOTALS		.5	8.3	.6	7.5		16.0	12.5	8.3	.2		19.0	6599

USAFETAC FORM AUG 84 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR
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.
MAR	00-02	2.5	11.9	.2	3.3		17.3	14.9	4.2			17.3	837
	03-05	1.2	12.7	.4	3.7		16.6	15.7	5.0			18.9	837
	06-08	.5	11.8	.6	5.2		16.9	20.0	12.5	.1		27.5	930
	09-11	.4	9.7	.2	5.6		15.4	14.1	8.7			20.0	930
	12-14	.2	6.9	.2	6.1		13.1	9.7	7.5			15.4	930
	15-17	.3	8.2		4.7		12.6	8.9	5.9			13.2	930
	18-20	.3	10.6	.2	4.1	.1	14.5	10.1	6.0			14.6	930
	21-23	1.4	12.3	.1	4.8		16.3	12.6	4.4			15.4	930
TOTALS		.9	10.5	.2	4.9	.0	15.3	13.3	6.8	.0		17.8	7254

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,75-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.9	9.3			.1	9.3	7.2	2.0			8.8	810
	03-05	2.8	10.2		.2		10.5	9.6	4.2			12.7	811
	06-08	2.2	12.0		.6		12.4	12.6	9.6			19.4	900
	09-11	1.6	11.0		.2		11.1	5.6	5.1			10.1	900
	12-14	.7	7.7		.1		7.8	3.4	4.1			7.4	900
	15-17	2.1	8.8				8.8	3.0	3.3			5.9	900
	18-20	1.8	9.1				9.1	3.8	3.4			6.3	900
	21-23	1.6	10.6				10.6	5.6	2.3			7.3	899
TOTALS		1.8	9.8		.1	.0	10.0	6.4	4.3			9.7	7020

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72424 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | MAY (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	1.1	7.8				7.8	10.1	7.6			16.5	834
	03-05	.8	7.6				7.6	16.1	10.3			23.7	865
	06-08	1.5	7.7				7.7	17.0	16.6			29.5	928
	09-11	.9	9.0				9.0	6.8	13.6			19.4	927
	12-14	1.1	6.9				6.9	3.1	7.6			10.2	927
	15-17	1.8	7.9				7.9	3.5	6.5			9.7	927
	18-20	3.5	7.3			.1	7.3	4.5	8.3			12.4	927
	21-23	3.9	9.6				9.6	7.0	7.0			13.3	897
TOTALS		1.8	8.0			.0	8.0	8.5	9.7			16.8	7232

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (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	2.7	4.8				4.8	13.4	17.8			27.9	900
	03-05	1.3	5.1				5.1	24.7	22.8			38.7	900
	06-08	1.3	7.7				7.7	23.4	27.7			42.7	900
	09-11	1.6	5.7				5.7	5.1	20.3			23.4	900
	12-14	2.3	5.8				5.8	1.6	14.8			16.1	900
	15-17	4.4	6.0				6.0	1.1	12.6			13.6	900
	18-20	4.6	7.2				7.2	3.1	14.7			17.2	900
	21-23	3.0	5.3				5.3	7.4	15.1			20.6	900
TOTALS		2.7	6.0				6.0	10.0	18.2			25.0	7200

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72424	FT KNOX/GODMAN AAF KY	65-70,75-78	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3.7	4.5				4.5	14.0	18.3			28.0	930
	03-05	3.0	5.2				5.2	27.2	25.4			40.6	930
	06-08	2.7	5.5				5.5	25.4	33.4			45.9	930
	09-11	2.4	3.9				3.9	4.6	22.8			26.3	930
	12-14	3.2	4.0				4.0	1.3	16.7			18.0	930
	15-17	5.3	5.2				5.2	.5	16.0			16.5	930
	18-20	4.7	4.8				4.8	1.9	19.7			20.9	930
	21-23	2.8	4.1				4.1	3.5	17.2			20.5	930
TOTALS		3.5	4.7				4.7	9.8	21.2			27.1	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.8	3.1				3.1	16.5	17.5			28.2	929
	03-05	2.3	4.6				4.6	30.9	21.9			42.7	929
	06-08	1.6	5.1			.1	5.1	35.7	31.5			52.5	930
	09-11	1.4	5.1				5.1	8.7	24.6			31.1	930
	12-14	2.0	4.7				4.7	3.7	18.9			21.3	930
	15-17	3.0	4.4				4.4	1.9	18.9			20.4	930
	18-20	5.4	5.2				5.2	4.3	19.1			22.0	930
	21-23	2.3	2.7				2.7	8.7	18.1			23.8	930
TOTALS		2.6	4.4			.0	4.4	13.8	21.3			30.3	7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.7	5.9				5.9	20.6	16.9			30.3	900
	03-05	1.2	8.0				8.0	33.3	16.4			39.9	900
	06-08	.7	7.3				7.3	40.2	26.7			50.6	900
	09-11	.4	8.1				8.1	13.7	20.8			30.2	900
	12-14	1.2	6.7				6.7	6.0	16.3			21.1	900
	15-17	1.8	7.3				7.3	5.0	15.7			19.6	900
	18-20	.8	5.8				5.8	7.0	16.6			22.0	900
	21-23	.9	5.3				5.3	11.0	16.7			24.0	900
TOTALS		1.0	6.8				6.8	17.1	18.5			29.7	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
65-70,75-78 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.2	8.8				8.8	14.9	2.5			16.0	930
	03-05		10.4				10.4	20.5	5.1			22.5	930
	06-08	.2	10.0				10.0	25.2	12.3			32.5	930
	09-11	.4	8.6				8.6	13.5	7.5			19.2	930
	12-14	.1	6.1				6.1	6.9	4.7			11.1	930
	15-17	.2	7.3				7.3	6.7	3.8			9.6	930
	18-20	1.0	8.1				8.1	8.1	4.2			10.4	930
	21-23	.1	8.5				8.5	9.1	3.8			11.4	930
TOTALS		.3	8.5				8.5	13.1	5.5			16.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724290	FT KNOX/GODMAN AAF KY	65-70,75-78	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.5	9.1		3.6		12.5	11.0	5.0			14.5	888
	03-05	.5	9.3		3.3		12.6	15.0	5.9			18.5	888
	06-08	.3	10.9	.3	3.5		14.6	21.3	12.8			27.4	890
	09-11		9.4		2.7		12.1	15.6	12.9			24.0	891
	12-14		10.0		2.1		12.1	8.2	8.5	.1		15.9	889
	15-17		10.4		2.6		12.6	9.0	6.6			14.6	890
	18-20	.1	9.6		2.9		12.1	10.2	6.5			15.2	893
	21-23	.6	10.1		2.0		11.8	10.2	6.3	.1		15.5	888
TOTALS		.3	9.9	.0	2.8		12.6	12.6	8.1	.0		18.2	7117

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,75-78 (YEARS) | DEC (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	.4	12.2	.9	4.6		17.1	12.3	3.4			13.7	797
	03-05	.5	12.1	.5	5.3		17.6	15.0	4.4			17.5	795
	06-08	.3	13.5	.6	6.6		20.4	18.9	10.2	.1		25.6	874
	09-11	.1	12.3	.4	7.2		19.8	15.5	9.0	.3		23.0	912
	12-14		11.1		5.0		16.1	11.3	5.7	.4		16.6	912
	15-17	.2	12.0	.1	5.4	.1	17.1	11.2	5.8	.1		15.4	911
	18-20	.4	12.4		4.5		16.8	11.0	6.4			15.6	739
	21-23		12.4	.4	4.4		16.3	11.0	4.3			13.8	789
TOTALS		.2	12.3	.4	5.4	.0	17.7	13.3	6.2	.1		17.7	6789

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724240	FT KNOX/GODMAN AAF KY	65-70,75-79	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	8.4	1.1	12.8		21.7	15.6	8.7	1.4	.0	23.6	7239
FEB		.5	8.3	.6	7.5		16.0	12.5	8.3	.2		19.0	6599
MAR		.9	10.5	.2	4.9	.0	15.3	13.3	6.8	.0		17.8	7254
APR		1.8	9.8		.1	.0	10.0	6.4	4.3			9.7	7020
MAY		1.6	8.0			.0	8.0	8.5	9.7			16.8	7232
JUN		2.7	6.0				6.0	10.0	18.2			25.0	7200
JUL		3.5	4.7				4.7	9.8	21.2			27.1	7440
AUG		2.6	4.4			.0	4.4	13.8	21.3			30.3	7438
SEP		1.0	6.8				6.8	17.1	16.5			29.7	7200
OCT		.3	8.5				8.5	13.1	5.5			16.6	7440
NOV		.3	9.9	.0	2.8		12.6	12.6	8.1	.0		18.2	7117
DEC		.2	12.3	.4	5.4	.0	17.7	13.3	6.2	.1		17.7	6789
TOTALS		1.3	8.1	.2	2.8	.0	11.0	12.2	11.4	.1	.0	21.0	85968

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

72-24 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 46-81 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.9	37.1	6.0	32.2		54.7	44.6	50.8	3.1		66.9	1095
FEB		5.3	39.2	2.0	25.2	.4	52.5	42.2	52.1	2.2	.1	64.1	1007
MAR		9.5	46.7	1.7	17.5	.7	54.1	36.3	44.8	1.4		57.1	1090
APR		15.1	51.3		3.7	.9	49.3	29.6	30.2		.1	43.7	1072
MAY		20.0	45.9			.8	42.0	36.6	30.3			47.7	1127
JUN		25.9	42.3			.3	38.9	40.9	41.0			54.4	1098
JUL		29.6	42.8			.3	39.2	50.1	52.5			65.2	1122
AUG		21.9	36.4			.2	33.3	54.3	59.9			69.5	1119
SEP		12.0	34.8			.2	31.9	48.6	53.7			64.0	1083
OCT		4.5	33.3		.6	.3	30.7	40.8	47.4			59.4	1116
NOV		4.5	39.2	.5	12.5	.1	42.8	37.5	42.6	.5		56.5	1084
DEC		2.3	39.7	2.6	20.8	.3	49.7	38.1	44.6	1.1		59.0	1109
TOTALS		12.9	40.7	1.1	9.4	.4	43.3	41.6	45.8	.7	.0	59.0	13122

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

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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 46-81 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	41.1	20.8	4.0	8.3	4.5	5.9	6.7	5.3	3.2	.2				38.1	1095	3.90	14.67	.60
FEB	43.9	19.3	3.0	7.2	5.4	7.1	5.8	5.0	3.3	.2				36.8	1007	3.71	8.80	.70
MAR	42.9	17.1	3.2	6.6	4.0	9.0	7.1	6.8	3.2	.3				40.1	1106	4.67	12.63	1.14
APR	47.0	15.1	2.6	7.3	5.3	6.3	6.7	6.2	3.2	.4				37.9	1085	4.22	10.85	.88
MAY	52.9	12.4	2.9	5.3	4.2	5.6	6.7	7.4	2.5	.1				34.6	1141	3.84	6.51	.77
JUN	56.3	10.5	2.2	4.6	3.6	6.3	6.9	6.4	3.0	.3				33.2	1110	4.16	10.47	.97
JUL	57.4	10.1	2.1	6.3	3.7	4.5	5.8	5.1	4.6	.4				32.5	1146	4.65	9.56	.72
AUG	63.9	10.3	1.4	4.3	2.9	5.3	4.7	4.0	3.2	.3				25.9	1141	3.65	9.52	.87
SEP	65.4	10.7	1.5	3.6	2.4	4.8	4.4	4.7	2.0	.5				24.0	1097	3.31	12.41	.05
OCT	66.7	9.6	2.2	4.3	2.6	5.2	3.6	3.3	2.2	.3				23.7	1136	2.78	7.22	.10
NOV	52.6	14.3	3.1	6.8	3.0	7.2	4.3	5.7	2.7	.3				33.1	1096	3.51	8.93	.69
DEC	46.3	18.6	3.8	6.4	4.5	6.6	5.2	4.9	3.4	.3				35.1	1121	3.72	10.82	.77
ANNUAL	53.0	14.1	2.7	5.9	3.8	6.1	5.7	5.4	3.0	.3				32.9	1328	46.12		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 45-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			1.85	1.11	1.95	1.42	1.56	.74	.92	2.04	1.19	.24	
46	1.03	2.16	*	.48	1.18	1.09	1.49	1.61*	1.02	1.21	2.12	1.25	
47	1.43	.25	.80	1.40	1.13	1.68	1.31	1.07	1.10	1.32	.49	.87	1.68
48	1.34	1.65	2.01	3.47	.67	.53	1.44	1.89	.97	1.15	2.92	.87	3.47
49	1.71	1.56	2.02	.88	.79	1.79	2.02	2.32	.58	2.02	.86	2.57	2.57
50	2.00	2.39	1.46	1.39	1.41	2.20	1.90	1.40	1.43	.55	1.25	1.28	2.39
51	2.71	1.37	.97	.47	.82	.51	1.20	1.51	1.89	1.45	1.41	1.68	2.71
52	1.30	.89	2.24	.49	.88	1.29	.48	1.20	.90	.46	.73	2.10	2.24
53	.73	.92	3.01	1.23	1.19	2.34	1.65	.37	.04	.38	1.22	1.01	3.01
54	1.32	1.01	.53	.78	.56	1.00	.75	1.64	2.12	1.81	.25	1.45	2.12
55	.42	1.81	1.30	1.50	2.29	1.38	1.52	.90	1.51	1.22	1.69	.63	2.29
56	1.39	1.29	1.77	1.25	.74	1.56	1.35	.78	.77	1.24	.95	.85	1.77
57	1.70	.87	.44	1.10	2.24	2.06	2.58	1.23	.62	1.82	3.20	1.58	3.20
58	.78	.35	1.14	.86	.52	1.35	2.00	.75	3.95	1.58	.82	.43	3.95
59	1.65	.59	.67	.50	1.20	.73	2.65	.85	1.24	1.01	.84	1.22	2.65
60	1.27	1.26	.81	.54	1.12	3.51	1.49	2.68	1.19	.93	1.75	.83	3.51
61	.54	1.48	1.79	1.04	2.51	1.52	1.11	1.45	.36	1.61	1.17	.98	2.51
62	.97	1.81	1.13	.55	1.47	1.23	1.18	1.81	2.53	3.65	.89	1.05	3.65
63	.26	.48	1.86	.93	.63	1.09	1.42	1.44	.32	.10	.63	.49	1.86
64	.61	.51	4.77	1.46	1.30	.96	1.76	1.05	2.00	.14	1.24	1.76	4.77
65	.93	1.03	1.36	.86	.48	1.30	1.45	.71	3.58	1.57	.59	.38	3.58
66	1.84	1.76	.33	2.60	.63	.44	.91	1.03	.65	.74	1.38	1.50	2.60
67	.78	.67	1.77	1.00	1.77	1.95	2.33	3.16	.80	.96	1.77	1.15	3.16
68	.31	.90	1.60	2.17	2.42	.95	1.31	1.52	1.06	.45	1.57	1.22	2.42
69	1.23	.35	.71	1.09*	1.00	.96	2.89	2.33	.23	.67	.93	1.23	2.89
70	.45	1.39	1.10	4.18	1.56	3.72	1.53	1.40	3.61	1.32	.61	2.03	4.18
71	1.16	1.46	.68	.80	1.05	1.81	1.84	1.69	1.44	.80	.47	.72	1.84
72	.78	1.83	.85	3.16	1.83	.77	1.08	.60	.49	2.33*	1.53*	2.47	3.16
73	* .64	.61	1.29*	.82	.98	1.98	2.66*	.49*	1.10*	1.23*	2.86*	1.32	* 2.86
74	* 2.55*	.88*	2.30*	.74*	1.45	.51	1.00	1.68	.66	1.07	.76*	1.43	* 2.55
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 45-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	* 1.64	3.66	2.34	1.40	.58	1.06	.61	.52	.91	3.56*	1.52*	1.27	3.66
76	* 1.69	3.14	1.84	.43	.81	.98	1.84	.96	1.07	1.04	.44*	.41	3.14
77	* .55	.75	1.64	1.45	.37	1.51	1.34	2.39	.78	3.29	1.20*	1.52	3.29
78	* 1.45	.26	.76	1.02	1.29	.87	1.93	2.85	.42	.76	1.78*	4.52	* 4.52
79	* 1.29	.98	1.11	2.24	.93	2.12	3.56	1.35	4.41	.85	1.75*	1.58	4.41
80	* .94	.34	1.17	.77	1.84	.78	2.26	.84*	1.02*	.91*	1.17*	.81	2.26
81	* .23*	.82	.65	1.11*	1.93	.61*	1.44	1.57*	1.72*	1.20*	.55*	1.23	* 1.93
MEAN	1.135	1.229	1.422	1.330	1.210	1.394	1.650	1.425	1.350	1.326	1.215	1.162	2.839
S.D.	.575	.794	.846	.882	.597	.747	.661	.675	1.112	.872	.675	.555	.817
TOTAL OBS	1095	1007	1106	1085	1141	1110	1146	1141	1097	1136	1096	1121	13281

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 45-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			8.66	4.44	4.73	8.10	3.90	2.00	1.42	2.60	3.30	1.11	
46	2.80	6.18	*	.88	4.85	2.79	5.20	3.81*	2.54	2.12	3.54	4.40	
47	4.36	.80	2.70	6.12	4.77	5.60	6.11	2.86	2.68	2.20	2.06	2.55	42.81
48	2.12	5.20	3.93	6.07	1.66	2.58	4.64	2.37	2.58	2.04	7.23	3.10	43.52
49	8.66	4.64	6.33	2.98	.00	5.66	5.94	4.98	1.37	4.20	2.10	6.73	55.59
50	14.67	6.51	4.13	4.15	5.68	5.90	8.09	4.24	4.17	.94	5.03	2.36	65.87
51	8.14	3.97	4.80	1.72	2.06	3.09	2.88	4.26	3.96	2.58	5.19	6.75	49.40
52	4.85	2.54	6.94	1.59	2.18	2.78	.72	2.43	1.98	1.02	2.48	6.03	35.54
53	3.52	1.60	6.26	4.40	4.62	2.66	2.76	1.06	.05	.87	1.60	2.72	32.12
54	4.06	2.13	1.69	2.87	2.56	2.23	1.47	5.43	3.09	3.67	1.02	5.55	35.77
55	2.16	8.80	5.14	5.08	6.51	4.45	4.84	1.87	3.12	2.48	3.07	1.68	49.20
56	3.21	7.94	4.23	4.20	3.69	3.58	4.24	2.40	1.61	2.14	2.30	2.30	41.84
57	4.10	3.17	1.81	4.27	5.67	6.40	4.22	1.26	2.40	2.53	8.93	4.16	48.92
58	2.96	1.22	2.84	4.19	2.41	5.05	8.72	3.56	4.82	2.74	2.44	1.15	42.10
59	5.48	2.02	2.59	1.97	5.84	.97	6.09	3.16	1.71	4.61	3.28	5.09	42.81
60	2.38	4.49	2.76	1.49	3.44	10.47	2.79	4.23	3.30	2.06	4.31	3.13	44.85
61	1.35	4.49	7.04	4.13	6.07	3.91	3.93	4.68	.98	1.89	4.48	3.36	46.31
62	3.65	6.37	3.92	1.26	3.78	4.06	2.64	2.54	8.01	5.90	2.43	2.14	46.70
63	.82	1.11	7.31	1.04	2.62	2.96	6.06	3.81	.50	.10	1.87	1.28	29.48
64	2.47	1.49	12.63	5.03	3.00	2.77	3.39	1.86	3.38	.18	3.22	7.74	47.16
65	3.36	4.04	4.53	3.07	.77	5.07	4.54	1.41	8.18	2.81	1.37	.77	39.92
66	5.58	4.64	1.14	7.79	2.15	1.05	2.03	3.42	2.71	1.77	4.89	6.10	43.27
67	1.57	2.47	4.59	4.18	5.18	3.75	5.98	7.83	2.20	2.51	3.54	4.46	48.26
68	1.30	1.20	6.34	3.77	5.50	2.85	3.85	3.90	3.65	.99	3.81	4.14	41.30
69	5.17	1.36	2.00	4.32*	3.96	4.30	8.30	4.23	.56	1.83	2.99	3.43	*42.45
70	1.11	2.76	3.24	9.94	3.86	7.35	4.43	3.65	5.90	5.30	1.81	5.04	54.39
71	2.15	5.52	2.38	1.84	4.19	5.67	5.40	4.87	3.78	1.61	1.74	3.09	42.24
72	3.27	6.68	4.29	10.85	4.05	2.20	2.92	1.63	2.31	5.56*	5.51*	5.94	*55.21
73	* 2.14	1.70	6.20*	5.63	5.11	4.90	7.50*	.87*	2.04*	2.81*	8.11*	2.50	*49.51
74	* 7.04*	1.96*	5.26*	3.52*	5.97	2.44	1.59	6.86	3.84	3.18	2.92*	3.98	*48.56
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 45-81 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
75	* 5.54	6.14	8.45	5.88	2.73	2.66	2.34	2.18	4.42	7.22*	3.53*	5.13	*56.22
76	* 4.47	6.58	4.53	1.20	3.90	4.66	3.22	1.78	3.72	3.86	.69*	1.12	*39.73
77	* 2.48	1.97	5.36	4.78	1.29	6.59	5.77	9.52	3.47	6.32	6.42*	4.05	*58.02
78	* 5.56	.70	3.86	3.49	5.03	2.53	5.16	7.55	.89	1.73	5.58*	10.82	*52.90
79	* 5.08	4.66	3.20	8.16	4.12	6.77	9.56	4.49	12.41	2.85	6.56*	4.14	*72.00
80	* 2.29	1.08	5.64	2.90	4.70	2.86	6.14	2.22*	2.76*	2.86*	2.61*	1.23	*37.29
81	* .60*	2.89	2.14	4.24*	5.95	2.38*	5.22	3.18*	3.54*	2.38*	1.58*	3.52	*37.62
MEAN	3.899	3.711	4.674	4.218	3.845	4.163	4.649	3.654	3.308	2.777	3.506	3.717	44.557
S.D.	2.894	2.286	2.386	2.355	1.506	2.047	2.127	1.946	2.482	1.728	1.926	1.922	7.704
TOTAL OBS	1095	1007	1106	1085	1141	1110	1146	1141	1097	1136	1096	1121	13281

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

724240 — STATION
FT KNOX/GODMAN AAF KY — STATION NAME
46-81 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	67.3	18.1	5.6	4.2	2.3	1.3	.5	.5	.3					14.6	1092	4.7	24.5	TRACE
FEB	73.7	14.7	4.6	3.9	1.2	1.0	.4	.5	.1					11.6	1007	4.2	13.0	TRACE
MAR	82.1	10.3	3.0	2.1	1.1	.5	.3	.3	.3					7.5	1074	3.1	19.1	TRACE
APR	96.3	2.9	.6	.2										.8	1055	.1	1.0	.0
MAY	100.0														1110	.0	.0	.0
JUN	100.0														1080	.0	.0	.0
JUL	100.0														1115	.0	.0	.0
AUG	100.0														1110	.0	.0	.0
SEP	100.0														1067	.0	.0	.0
OCT	99.5	.5													1105	TRACE	TRACE	.0
NOV	87.6	9.3	1.3	.9	.5		.1	.2		.1				3.1	1066	1.6	17.5	.0
DEC	78.3	15.2	2.7	2.5	.6	.3	.4	.1						6.5	1090	2.2	11.1	TRACE
ANNUAL	90.4	5.9	1.5	1.1	.5	.3	.1	.1	.1	.0				3.7	12971	15.9		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

72240 FT KNOX/GODMAN AAF KY 46-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE	2.5		* .0	.0	.0	.0	.0*	.0	.0	.0	1.5	
47	2.0	1.5	5.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0
48	3.9	6.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	6.1
49	2.9	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.2	3.2
50	TRACE	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.4	2.0	2.0
51	2.0	6.0	3.9	TRACE	.0	.0	.0	.0	.0	.0	3.5	1.6	6.0
52	.4	1.4	.2	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	2.2	2.2
53	4.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9	4.0
54	2.8	TRACE	.2	.0	.0	.0	.0	.0	.0	TRACE	1.3	2.5	2.8
55	3.3	.6	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.3
56	6.8	TRACE	1.4	TRACE	.0	.0	.0	.0	.0	.0	1.3	TRACE	6.8
57	1.0	TRACE	3.2	TRACE	.0	.0	.0	.0	.0	TRACE	1.4	1.0	3.2
58	3.8	2.6	6.8	.0	.0	.0	.0	.0	.0	.0	4.6	.1	6.8
59	3.7	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.9	.2	3.7
60	.3	3.8	8.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.8	8.1
61	1.6	9.2	TRACE	.8	.0	.0	.0	.0	.0	.0	.6	1.6	9.2
62	1.1	2.1	1.0	.2	.0	.0	.0	.0	.0	TRACE	TRACE	.6	2.1
63	2.3	2.8	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.8	3.8
64	6.1	1.5	2.0	.0	.0	.0	.0	.0	.0	.0	.9	TRACE	6.1
65	5.1	2.7	2.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
66	4.9	4.9	3.0	TRACE	.0	.0	.0	.0	.0	.0	14.3	.9	14.3
67	.6	4.2	5.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	5.0
68	* 2.0	.1*	9.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	* 9.0
69	3.1	3.0	.8	.0*	.0	.0	.0	.0	.0	.0	.3	3.0	3.0
70	2.3	3.0	3.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	3.1
71	1.0	4.2	1.8	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	4.2
72	2.4	1.6	1.8	TRACE	.0	.0	.0	.0	.0	.0*	1.7*	.8	2.4
73	* .3	3.1	1.5*	.8	.0	.0	.0*	.0*	.0*	.0*	.0*	1.0	3.1
74	* 1.6*	1.0*	1.2*	TRACE*	.0	.0	.0	.0	.0	.0	TRACE*	1.3	* 1.6
75	* .7	.5	4.2	TRACE	.0	.0	.0	.0	.0	.0*	TRACE*	TRACE	4.2
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 46-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	* 1.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	2.0*	4.1	* 4.1
77	* 5.5	.8	TRACE	.3	.0	.0	.0	.0	.0	.0	5.3*	1.6	* 5.5
78	* 8.9	1.6	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0*	.3	* 8.9
79	* 3.4	4.5	TRACE	.0	.0	.0	.0	.0	.0	.0	1.1*	TRACE	4.5
80	* 6.6	2.1	3.6	.3	.0	.0	.0	.0*	.0*	TRACE*	TRACE*	TRACE	* 6.6
81	* 3.0*	TRACE	TRACE	.0*	.0	.0*	.0	.0*	.0*	.0*	TRACE*	.9	* 3.0
MEAN	2.58	2.26	2.04	.05	.00	.00	.00	.00	.00	TRACE	1.35	1.39	5.05
S.D.	1.852	2.176	2.080	.156	.000	.000	.000	.000	.000	.000	2.770	1.404	2.792
TOTAL OBS	1092	1007	1074	1055	1110	1080	1115	1110	1067	1105	1066	1090	12971

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 46-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE	2.5		* .0	.0	.0	.0	.0*	.0	.0	.0	2.2	
47	2.0	6.8	7.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	16.2
48	8.3	13.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	22.3
49	3.4	TRACE	3.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.2	10.1
50	TRACE	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.8	3.0	3.9
51	5.1	7.4	6.9	TRACE	.0	.0	.0	.0	.0	.0	3.5	2.4	25.3
52	.6	2.5	.2	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	3.1	8.4
53	5.9	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9	10.8
54	2.8	TRACE	.2	.0	.0	.0	.0	.0	.0	TRACE	1.3	2.5	6.8
55	10.0	1.3	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	12.8
56	12.5	TRACE	2.2	TRACE	.0	.0	.0	.0	.0	.0	1.5	TRACE	16.2
57	2.2	TRACE	3.2	TRACE	.0	.0	.0	.0	.0	TRACE	1.4	1.4	8.2
58	6.1	5.5	9.3	.0	.0	.0	.0	.0	.0	.0	5.1	.1	26.1
59	5.7	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	1.1	.3	7.9
60	1.1	11.6	19.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	11.1	42.9
61	3.3	11.3	TRACE	.9	.0	.0	.0	.0	.0	.0	.6	3.5	19.6
62	4.2	3.8	2.4	.2	.0	.0	.0	.0	.0	TRACE	TRACE	2.1	12.7
63	3.3	3.9	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	6.1	13.4
64	11.1	2.0	2.9	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	17.0
65	14.0	3.9	4.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	22.7
66	6.9	5.4	3.7	TRACE	.0	.0	.0	.0	.0	.0	17.5	1.2	34.7
67	1.1	10.6	6.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	19.5
68	* 2.0	.1*	9.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	* 11.2
69	3.0	6.3	.8	.0*	.0	.0	.0	.0	.0	.0	.3	6.4	* 16.8
70	6.3	4.3	3.9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	14.8
71	1.3	9.3	4.0	TRACE	.0	.0	.0	.0	.0	.0	3.5	TRACE	18.1
72	2.8	3.4	1.8	TRACE	.0	.0	.0	.0	.0	.0*	2.3*	.8	* 11.1
73	* .7	4.2	1.5*	1.0	.0	.0	.0*	.0*	.0*	.0*	.0*	2.1	* 9.5
74	* 1.6*	2.0*	1.2*	TRACE*	.0	.0	.0	.0	.0	.0	TRACE*	2.7	* 7.5
75	* 2.3	1.0	5.9	TRACE	.0	.0	.0	.0	.0	.0*	TRACE*	TRACE	* 9.2
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 46-81 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	* 2.1	.4	.6	.0	.0	.0	.0	.0	.0	.0	2.0*	4.2	* 9.3
77	* 21.8	1.3	TRACE	.3	.0	.0	.0	.0	.0	.0	5.5*	3.0	* 31.9
78	* 24.5	3.9	5.8	TRACE	.0	.0	.0	.0	.0	.0	.0*	.3	* 34.5
79	* 16.5	11.6	TRACE	.0	.0	.0	.0	.0	.0	.0	1.5*	TRACE	* 29.6
80	* 12.1	5.0	3.6	.5	.0	.0	.0	.0*	.0*	TRACE*	TRACE*	TRACE	* 21.2
81	* 4.2	*TRACE	TRACE	.0*	.0	.0*	.0	.0*	.0*	.0*	TRACE*	.9	* 5.1
MEAN	4.73	4.19	3.11	.06	.00	.00	.00	.00	.00	TRACE	1.57	2.16	16.9
S.D.	3.843	3.981	3.855	.184	.000	.000	.000	.000	.000	.000	3.318	2.570	9.19
TOTAL OBS	1092	1007	1074	1055	1110	1080	1115	1110	1067	1105	1066	1090	1297

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNT

PERCENTAGE FREQUENCY
SNOW DEPTH
(FROM DAILY OBSERVATIO

724240 STATION | FT KNOX/GODMAN AAF KY STATION NAME | 45-81 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	68.8	9.3	6.1	4.7	3.6	5.5	1.6	.5						21.9	1095			
FEB	74.2	8.0	4.2	3.9	2.9	6.1	.8							17.8	1007			
MAR	90.1	4.1	1.6	1.4	.6	1.3	.9							5.8	1106			
APR	99.4	.6	.1											.1	1085			
MAY	100.0														1141			
JUN	100.0														1110			
JUL	100.0														1146			
AUG	100.0														1141			
SEP	100.0														1097			
OCT	100.0														1136			
NOV	95.8	1.7	1.1	.7	.5		.1	.1						2.5	1096			
DEC	87.2	7.0	3.1	.9	.8	1.0								5.8	1121			
ANNUAL	93.1	2.6	1.3	1.0	.7	1.2	.3	.0						4.5	13281			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 45-81 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
45			0	0	0	0	0	0	0	0	TRACE	4	
46	1	3	*	0	0	0	0	0*	0	0	0	1	
47	2	2	2	0	0	0	0	0	0	0	0	0	2
48	5	6	0	0	0	0	0	0	0	0	0	TRACE	6
49	4	2	TRACE	0	0	0	0	0	0	0	0	0	4
50	0	0	0	0	0	0	0	0	0	0	3	2	3
51	2	9	4	0	0	0	0	0	0	0	2	2	9
52	1	1	0	0	0	0	0	0	0	0	2	1	2
53	2	0	TRACE	0	0	0	0	0	0	0	0	4	4
54	3	0	TRACE	0	0	0	0	0	0	0	1	3	3
55	3	1	TRACE	0	0	0	0	0	0	0	TRACE	1	3
56	5	TRACE	TRACE	0	0	0	0	0	0	0	1	TRACE	5
57	1	0	1	0	0	0	0	0	0	0	TRACE	1	1
58	3	2	5	0	0	0	0	0	0	0	3	1	5
59	1	0	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	1
60	TRACE	4	10	0	0	0	0	0	0	0	TRACE	5	10
61	4	9	0	1	0	0	0	0	0	0	0	2	9
62	1	2	1	0	0	0	0	0	0	0	0	1	2
63	4	1	TRACE	0	0	0	0	0	0	0	0	4	4
64	6	2	0	0	0	0	0	0	0	0	1	0	6
65	5	4	2	0	0	0	0	0	0	0	0	0	5
66	5	5	4	0	0	0	0	0	0	0	15	0	15
67	0	6	6	0	0	0	0	0	0	0	0	0	6
68	10	0	9	0	0	0	0	0	0	0	0	0	10
69	2	4	2	0*	0	0	0	0	0	0	0	4	4
70	4	4	3	0	0	0	0	0	0	0	0	TRACE	4
71	TRACE	5	2	0	0	0	0	0	0	0	1	0	5
72	TRACE	1	1	0	0	0	0	0	0	0*	1	*TRACE	* 1
73	*TRACE	TRACE	1	*TRACE	0	0	0*	0*	0*	0*	0*	1	* 1
74	* 1	* 1	*TRACE	*TRACE	* 0	0	0	0	0	0	0*	1	* 1
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 45-81 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	* 1	1	4	TRACE	0	0	0	0	0	0	0*	0*TRACE	4
76	* 1	TRACE	TRACE	0	0	0	0	0	0	0	2*	4	* 4
77	* 9	3	0	0	0	0	0	0	0	0	3*	3	* 9
78	* 17	8	6	0	0	0	0	0	0	0	0*	0	* 17
79	* 5	7	TRACE	0	0	0	0	0	0	0	TRACE*	0	7
80	* 7	6	4	0	0	0	0	0*	0*	0*	0*	0	* 7
81	* 3	*TRACE	TRACE	0*	0	0*	0	0*	0*	0*	0*	0*TRACE	* 3
MEAN	2.7	2.9	1.9	.0	.0	.0	.0	.0	.0	.0	1.1	1.3	5.2
S.D.	2.363	2.794	2.672	.171	.000	.000	.000	.000	.000	.000	2.735	1.617	3.358
TOTAL OBS	1095	1007	1106	1085	1141	1110	1146	1141	1097	1136	1096	1121	13281

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

72424 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 46-81 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	WSW*50	WNW*62		NNW*43	SSW*32	W 37	NNW 42	WNW 50	WSW 28	W 38	NW 36	SW 38	
47	SSW 43	SW 43	WSW 56	SSW 39	W 36	N 29	NNW 53	SSE 44	W 33	W 44	SSE 38	WNW 30	WSW 56
48	WSW 43	S 36	SW 61	NNE 38	SW 42	W 40	W 30	N 34	SW 28	W SW 29	W 47	S 35	SW 61
49	W 52	SW 46	W 42	W 44	SW 39	W 36	SW 32	NW 58	W *33	W *33	NW *35	SW *37	NW 58
50	SW *39	SW *37	SW *44	S *41	W 36	WSW 43	SW 37	SW 39	SW *43	N 33	WSW*42	W 35	SW *44
51	WSW 38	WNW 36	SSW 45	W *38	WNW 69	S 35	SW 43	NW 61	S *30	W NW 31	S 43	SW 46	WNW 69
52	SW 42	SW 49	WSW*44	WNW*27	NE *32						SSE 46	WSW 60	
53	NNW 37	W 42	W 43	WSW 54	WNW 49	NNE 41	SW 49	NW 32	SSW 34	W SW 31	W 33	WSW 43	WSW 54
54	SW 35	WNW*52	WSW 38	SW 61	WSW 52	WSW 45	NW *27	N 37	NNW 36	S SW 25	W 35	WSW 41	SW 61
55	WSW 35	SSW 33	WSW 52	SW 41	W 43	WSW 35	ENE 38	WSW 29	WNW 35	W SW 32	W 37	W 26	WSW 52
56	WSW 30	W 58	WSW 46	WSW 39	W 30	ENE 30	WSW 42	NNW 33	WSW 40	W NW 31	S 43	S 29	W 58
57	WSW 43	SSW 36	W 40	WNW 56	W 42	ENE 48	WSW 49	S 33	SSW 27	S SE 29	WSW 41	SW 38	WNW 56
58	SW 34	SW 30	ENE 28	W 49	WSW 32	SSW 32	WSW 38	SW 48	W 33	W NW 34	WSW 32	SSW 30	W 49
59	SSE 47	SW 40	SW 46	WNW 49	WNW 35	WSW 30	SW 30	SW 30	NNW 26	W 39	SSW 44	NNE 32	WNW 49
60	WNW 36	WSW 45	WNW 36	W 42	NW 52	NNW 51	W 35	ESE 43	W 22	W SW 32	WSW 42	NNW 32	NW 52
61	NW 31	W 43	SW 40	NNW 47	NNW 43	WSW 35	WSW 30	ESE 28	SSW 30	N NW 37	S 39	WNW 36	NNW 47
62	W 39	WSW 40	WSW 50	WNW 56	W 38	WSW 34	NW 35	SSW 21	S 23	N W 32	W 33	W 29	WNW 56
63	SW 28	NW 33	SSW 38	WNW 46	WSW 32	NNW 37	NNW 34	W 26	W 24	N 31	S 36	W 36	WNW 46
64	WSW 46	WNW*31	WSW 42	WNW 33	WSW 32	WNW 32	NNE 32	NW 25	W 25	S W 29	S 33	S 29	WSW 46
65	WSW 42	W 38	SW 37	SW 35	SSW 32	N 42	W 32	SW 33	WSW 34	W SW 40	W 43	SW 42	W 43
66	S 27	S 38	WSW 35	W 38	SW 28	SSW 26	E 40	ESE 29	SW 28	S 37	S 29	SSW 32	E 40
67	S 43	W 50	SW 32	SW 36	W 40	NW 29	WNW 33	W 21	WSW 25	W SW 43	WNW 29	SSW 36	W 50
68	NW 26	SW 40	SW 32	SW 41	SSW 31	SW 27	ESE*36	ENE 29	NNW*21	E *23	NE *26	NNW*33	SW 41
69	NNW*45	NE *26	NNW*26	NE *28	NNE*16	ESE*23	NE *22	E *40	NNE*25	N NW*27	E *15	ESE*26	NNW*45
70	NE *33	ESE*32	N *19	NNW*24	E *36	ESE 28	NE *22	NNE*12	N *19	NE *22	NE *56	NNW*11	NE *56
71	NNW*27	NNW*29	NNE*17		NE *24	NE *21	ENE*24	E *16	NE *14	N E *22	E *25	NE *41	
72	ESE*19	NE *26	NE *25	NE *20	N *14	E *18	NE *29	NNW*28	ESE*30	N E *23	NE 32	NNE*15	NE 32
73	NE *42	ESE*22	NNW 52	NE *41	NNW*31	NNW*31	NE 48	E *15	NNW*16	N E *16	NNW*21	E *18	NNW 52
74		NE *28	NNW*33	NNE*16	NNW*36	NNW*29	N *24	NE *18	E *17	N E 28	N *15	ESE*21	
75	NE *49	NNW*28	NNW*38	NNW*25	NE *36	E *17	NNE*22	NNW*22	NE *35	E NE*26	NE *37	NE *32	NE *49
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 46-81 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	NNW*32	NE *42	NNW*37	NE *26	E *27	NE *40	NNE*18	NNE*29	ENE*19	NW*21	NNW*17	NE *25	NE *42
77	E *17	NE *32	NNW*39	NE *26	NNW*18	ESE*26	NE *20	E *32	NE *31	E *18	ENE*27	NE *27	NNW*39
78	ENE*46	E *20	NE *26	NE *32	NE *35	NE *20	N *14	NE *15	NE *19	NE *17	NNE*21	NNW*33	ENE*46
79	ESE*10	NE *25	ESE*19	ENE*31	NNW*19	NE *23	NE *27	NE 28	E *13	NE *16	NE *33	NE *27	NE *33
80	NNW*27	ESE*20	NNW*34	NNW*18	NNW*29	NE *25	NE *26	NE *23	E *18	NNW*17	NNE*13	ESE*21	NNW*34
81	ENE*18	ENE*23	NNW*35	E *30	ENE*30	NE *28	NNW*22	NNE*17	ENE*17	NNW*20	E * 6	ENE*15	NNW*35
MEAN	38.0	40.8	42.4	44.4	39.7	35.7	38.2	35.3	29.5	33.6	37.7	36.0	51.3
S.D.	7.039	6.784	8.382	7.981	9.687	6.844	7.026	10.847	5.102	5.065	5.508	7.625	5.788
TOTAL OBS	894	815	890	837	967	933	937	958	842	922	821	899	10715

NOTES * (BASED ON LESS THAN FULL MONTHS)

$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	.7	.1								4.5	4.8
NNE	1.2	1.8	1.0	.7	.1							4.8	6.3
NE	.9	1.2	1.3	.2								3.7	6.2
ENE	.4	1.8	1.0	.2								3.5	5.9
E	1.3	2.5	.4	.1								4.4	4.3
ESE	1.7	.7	.1	.3								2.8	4.4
SE	.2	.6	.1									.9	4.6
SSE	.9	.1	.1	.2								1.3	4.8
S	1.5	2.1	1.7	1.2	.3							6.8	7.8
SSW	.6	2.8	3.4	2.9	.3	.1						10.1	8.8
SW	1.5	2.1	1.9	1.0	.1							6.6	7.0
WSW	.7	1.8	1.8	.8								5.1	7.0
W	2.8	4.8	3.3	1.2	.2	.1						12.5	6.6
WNW	1.9	1.7	2.0	1.0		.3						7.0	7.2
NW	.9	1.8	1.1	.1								3.9	5.2
NNW	1.2	1.1	.9	.1								3.4	4.9
VARBL													
CALM												18.7	
	19.4	29.0	20.9	10.3	1.1	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 891

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (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	.8	2.0	1.0	.2								4.0	5.6
NNE	.7	1.9	1.3	.7								4.6	6.7
NE	1.0	1.7	1.1									3.8	5.2
ENE	.8	1.5	1.0									3.3	5.8
E	1.3	2.5	.7	.1								4.6	4.6
ESE	1.3	1.0	.2	.1								2.7	3.8
SE	.4	.7										1.1	3.5
SSE	.6	.8		.7								2.0	6.6
S	1.5	1.8	.7	1.3	.2	.2						5.7	7.8
SSW	1.5	2.8	3.8	2.7	.1	.1						11.0	8.3
SW	1.8	2.5	2.1	1.0	.1							7.5	6.6
WSW	.8	1.8	1.2	.3	.3							4.5	6.9
W	2.6	3.8	3.8	1.9	.7		.1					12.9	7.5
WNW	1.6	2.1	2.8	.9	.1							7.5	6.9
NW	.8	1.9	.3	.2								3.3	5.2
NNW	.8	1.0	.2									2.0	4.3
VARBL													
CALM												19.4	
	18.2	29.7	20.4	10.2	1.6	.3	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

02952

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	.6	.1								2.5	5.4
NNE	.7	1.8	1.1	.4	.1							4.1	6.8
NE	1.0	1.9	1.0									3.9	5.1
ENE	.7	2.2	.8	.4								4.1	5.9
E	1.7	2.0	1.3	.3								5.3	5.3
ESE	1.0	1.9	.7	.1								3.6	4.9
SE	1.0	1.1		.1								2.2	4.1
SSE	.8	.3	.2	.3								1.7	5.7
S	.9	2.6	2.1	1.3	.1	.1						7.2	7.6
SSW	1.1	2.6	2.6	1.8	.6							8.7	8.3
SW	1.4	2.5	2.8	1.1								7.8	6.8
WSW	.6	1.9	1.3	1.2	.4							5.4	8.3
W	2.1	4.6	5.5	2.4	.2	.3						15.2	8.0
WNW	2.4	2.8	3.0	.7								8.8	5.9
NW	.8	.4	.6	.3								2.1	5.0
NNW	.8	2.2	.4	.1								3.5	5.
VARBL													
CALM												13.9	
	17.4	32.1	23.9	10.8	1.4	.4						100.0	5.

TOTAL NUMBER OF OBSERVATIONS 90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

724240 (STATION) | FT KNOX/GODMAN AAF KY (STATION NAME) | 65-70,76-79 (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	.7	1.7	1.9	.2								4.5	6.3
NNE	.4	.4	1.1	.3	.1	.1						2.5	8.2
NE	.3	1.7	1.6									3.7	6.1
ENE	.4	1.7	1.7	.4								4.4	6.9
E	1.3	2.8	2.2	.3								6.7	5.6
ESE	1.2	1.6	.9									3.7	4.6
SE	.8	.4	.1									1.3	3.8
SSE	.8	1.3	.7	.8	.1							3.6	7.0
S	.3	2.0	3.7	2.4	.2							8.6	9.2
SSW	.9	1.9	4.0	2.7	.4	.1						10.1	9.1
SW	.7	2.2	3.1	1.4	.1	.1						7.5	8.1
WSW	.5	1.1	2.7	1.7	.1	.3						6.6	9.8
W	1.0	4.0	6.7	3.7	1.2							16.6	9.3
WNW	.9	3.1	3.2	2.0								9.1	7.7
NW	.7	1.1	.9	.3								3.0	6.4
NNW	.4	1.4	1.1									3.0	5.7
VARBL													
CALM												5.2	
	11.3	28.6	35.5	16.4	2.3	.7						100.0	7.

TOTAL NUMBER OF OBSERVATIONS 91

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724240 (STATION) FT KNOX/GODMAN AAF KY (STATION NAME) 65-70,76-79 (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	.5	1.5	1.9	.5	.1							4.6	7.4
NNE	.7	1.0	1.6	.4								3.7	6.7
NE	.5	.7	.8									2.0	5.8
ENE	1.0	1.3	.7	.1								3.1	5.1
E	.9	2.2	.8	.1								3.9	5.1
ESE	1.6	1.1	.8									3.5	4.5
SE	.5	.3	.1									1.0	3.6
SSE	1.1	1.1	1.1	.1	.2	.1						3.7	6.7
S	1.1	1.3	4.5	2.3	.7							9.8	9.1
SSW	1.0	1.9	4.6	3.1	.5	.1	.1					11.3	9.5
SW	.3	1.1	2.2	2.7	.1							6.4	9.5
WSW	.2	1.4	2.8	2.4	.8	.3						8.0	11.1
W	.9	2.4	8.2	7.1	.9	.1						19.6	10.2
WNW	.7	1.6	4.2	1.9								8.3	8.4
NW		1.4	1.5									3.0	7.3
NNW	.3	1.7	1.6	.1								3.8	6.6
VARBL													
CALM												4.4	
	11.4	22.1	37.3	20.9	3.3	.7	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 91

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