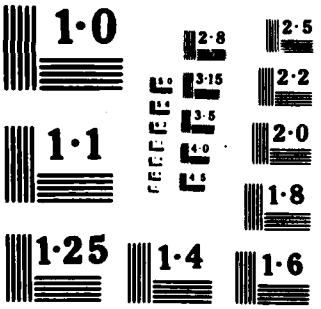
AD-A159 641 FORT DEVENS AAF MASSACHUSETTS LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 1/4

UNCLASSIFIED JUL 85 USAFETAC/DS-85/027 F/G 4/2 NL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DATA PROCESSING BRANCH
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"LIMITED [illegible] OBSERVATIONS"
CLIMATIC [illegible] "[illegible]"

FT DEVENS AAF MA [illegible] #744905
N 42 34 W 071 36 ELEV: 268 FT [illegible]

PA TS A-F HOURS SUMMARIZED: 0600 - 1900 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 74 - JUL 84
SUMMARY OF DAY DATA: NONE:

TIME CONVERSION GMT TO LST: -5

10 JUL 1985

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FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
USAFETAC/LDX

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SECURITY CLASSIFICATION OF THIS PAGE

A159641

REPORT DOCUMENTATION PAGE

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2a. SECURITY CLASSIFICATION AUTHORITY	3. DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution unlimited.
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE	
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6c. ADDRESS (City, State, and ZIP Code) Federal Building Asheville, NC 28801	7b. ADDRESS (City, State, and ZIP Code) Scott AFB, IL 62225-5438
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11. TITLE (Include Security Classification)
FORT DEVENS AAF MASSACHUSETTS (LTSOCS) (Unclassified)

12. PERSONAL AUTHOR(S)

13a. TYPE OF REPORT	13b. TIME COVERED	14. DATE OF REPORT (Year, Month, Day)	15. PAGE COUNT
Data Summary	FROM AUG 79 TO JUL 84	JUL 85	120

16. SUPPLEMENTARY NOTATION

17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)
FIELD	GROUP	SUB-GROUP	*climatology *weather Meteorological conditions
04	02		(continued over)

19. ABSTRACT (Continue on reverse if necessary and identify by block number)

A statistical data summary of surface weather observation climatology for:
FORT DEVENS ARMY AIR FIELD MASSACHUSETTS.
This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.

20. DISTRIBUTION/AVAILABILITY OF ABSTRACT ☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT ☐ DTIC USERS	21. ABSTRACT SECURITY CLASSIFICATION Unclassified
22a. NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield	22b. TELEPHONE (Include Area Code) (618) 256-2625 / 22c. OFFICE SYMBOL USAFETAC/LDD

DD FORM 1473, 84 MAR — 83 APR edition may be used until exhausted. All other editions are obsolete

SECURITY CLASSIFICATION OF THIS PAGE
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18. Subject terms cont.

winds precepitation temperature visibility
barometric pressure relative humidity
sky cover psychrometric data ceiling

Limited Surface Observations Climatic Summary
LISOCS

FORT DEVENS MASSACHUSETTS
FORT DEVENS AYER
FORT DEVENS AAF
USMA 744905

UNCLASSIFIED

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

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.

2. A brief description preceeds each summary.

3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.

4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.

5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents:
AWS Form 2 "Station History"
Part 1: Weather Conditions
Part 2: Surface Winds
Part 3: Ceiling Versus Visibility; Sky Cover
Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
744905	FORT DEVENS AAF MA	N 42 34	W 071 30	268	[illegible]	

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	Ft Devens Ayer, Mass	AAF	Oct 60	Sep 61	N 42 34	[illegible]	[illegible]	[illegible]	[illegible]
2	Same	Same	Oct 61	Sep 63	Same	Same	Same	Same	24
3	Same	Same	Jan 74	Dec 74	Same	Same	Same	Same	11
4	Same	SAme	Jan 75	Dec 76	Same	Same	Same	Same	[illegible]
5	Same	Same	Jan 77	Dec 81	Same	Same	268	268	13
6	Same	Same	Jan 82	Dec 84	Same	Same	268	268	15

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	Oct [illegible]	Located [illegible] of Hanger on E end of Field P-[illegible]	AN/GMQ 11	None	55Ft	
2	[illegible]	Same	Same	[illegible]	Same	
[illegible]	Dec [illegible]	Same	Same	AC-362	[illegible]	
4	Dec 84	Located 500 ft East of the Northend of Runway 14/32	Same	Same	Same	

USAFETAC FORM NOV 75 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

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. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

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 sum of the individual categories may exceed the percentage 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.

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

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.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 JAN

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	00-02												
	03-05												
	06-08		4.0	3.3	11.4		17.1	16.3	1.0	.9		17.8	667
	09-11		4.6	2.3	12.2		18.3	17.2	1.8	.3		19.0	894
	12-14		5.6	.8	10.7		16.4	13.0	2.7	.1		15.8	885
	15-17		5.2	.5	10.7		15.7	11.8	2.6	.2		14.6	859
	18-20		3.6	.8	6.9		11.1	6.7	1.5			8.2	524
	21-23												
TOTALS			4.6	1.5	10.4		15.7	13.0	1.9	.3		15.1	3829

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02												
	03-05												
	06-08		8.3	1.1	7.5		16.4	20.0	3.1	.2		22.3	611
	09-11		6.6	.6	9.4		16.5	15.8	4.4	.4		19.7	818
	12-14		7.5	.6	8.8		16.0	13.3	4.2	.5		17.7	814
	15-17	.1	9.5	.6	7.7		17.2	12.4	2.9	.8		16.0	792
	18-20	.2	8.8	.8	4.6		13.6	13.4	2.8	.4		16.2	499
	21-23												
TOTALS		.1	8.1	.7	7.6		15.9	15.0	3.5	.5		18.4	3534

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WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 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												
	03-05												
	06-08		11.6	.9	7.2		18.5	22.0	2.7			23.8	741
	09-11	.1	11.5	.3	5.4		16.6	17.0	1.8			18.6	925
	12-14	.1	10.3	.3	6.3		16.0	13.9	2.1	.2		15.7	923
	15-17		11.9	.3	5.3		17.0	13.0	1.2			14.2	889
	18-20	.2	13.2	.4	3.5		16.9	12.4	1.1			13.5	539
	21-23												
TOTALS		.1	11.7	.4	5.5		17.0	15.7	1.8	.0		17.2	4017

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WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 APR

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.
APR	00-02												
	03-05												
	06-08		12.5		1.7		13.9	17.2	1.3	.4		18.6	746
	09-11		13.9		2.2	.1	15.8	13.0	1.3	.3		14.4	879
	12-14		13.8		1.8	.1	14.9	9.8	1.2	.3		11.0	882
	15-17	.1	14.6		2.0	.1	16.0	11.1	1.2	.3		12.3	868
	18-20	.2	12.8		1.8		14.6	12.8	1.0	.4		14.0	507
	21-23												
TOTALS		.1	13.5		1.9	.1	15.0	12.8	1.2	.3		14.1	3882

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WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02												
	03-05												
	06-08		15.6				15.6	24.5	5.4			28.5	895
	09-11	.2	13.4		.1	.1	13.4	15.3	4.6			19.4	897
	12-14	.6	12.3		.3		12.6	11.4	4.8			16.1	894
	15-17	.9	11.6		.1		11.7	11.4	3.1			14.3	874
	18-20	1.2	12.7				12.7	13.7	3.7			16.8	410
	21-23												
TOTALS		.6	13.1		.1	.0	13.2	15.3	4.3			19.0	3970

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 JUN

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.
JUN	00-02												
	03-05												
	06-08	.4	10.5				10.5	24.6	14.9			35.5	897
	09-11	.3	7.6				7.6	10.4	14.6			23.8	900
	12-14	.6	10.0			.1	10.0	6.2	14.1			19.4	900
	15-17	1.5	10.6				10.6	7.4	13.1			20.0	890
	18-20	1.2	8.3				8.3	6.5	12.2			18.5	433
	21-23												
TOTALS		.8	9.4			.0	9.4	11.0	13.8			23.4	4020

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 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												
	03-05												
	06-08	.3	6.8				6.8	25.2	18.7			36.9	892
	09-11	.3	7.1				7.1	10.6	20.0			28.5	897
	12-14	.6	6.9				6.9	6.4	18.4			23.9	895
	15-17	2.6	6.7				6.7	6.0	18.6			23.3	880
	18-20	3.5	7.6				7.6	5.9	17.7			22.5	423
	21-23												
TOTALS		1.5	7.0				7.0	10.8	18.7			27.0	3987

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 AUG

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02												
	03-05												
	06-08	.1	8.6				8.6	37.5	15.9			48.1	921
	09-11	.2	9.4				9.4	18.0	22.0			38.1	930
	12-14	.6	9.0				9.0	10.5	18.7			28.1	929
	15-17	2.1	9.9				9.9	9.7	18.3			26.4	913
	18-20	2.4	7.5				7.5	14.9	17.7			30.4	451
	21-23												
TOTALS		1.1	8.9				8.9	18.1	18.5			34.2	4144

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 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												
	03-05												
	06-08		10.8				10.8	35.3	9.2			40.0	863
	09-11	.1	10.6				10.6	17.4	9.9			25.3	870
	12-14	.1	9.6				9.6	10.3	10.0			19.1	868
	15-17	.6	9.4				9.4	10.5	8.5			18.1	839
	18-20	1.0	9.1				9.1	13.6	7.8			19.9	396
	21-23												
TOTALS		.4	9.9				9.9	17.4	9.1			24.5	3836

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 OCT

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.
OCT	00-02												
	03-05												
	06-08	.1	10.8		.1		10.9	37.1	1.6			37.9	860
	09-11		10.3		.7		11.0	20.2	3.1			22.8	892
	12-14		11.4		.3		11.8	12.4	4.5			16.8	885
	15-17	.2	13.3		.3		13.7	12.9	4.1			17.0	878
	18-20	.2	13.4		.5		13.9	15.9	3.5			19.2	433
	21-23												
TOTALS		.1	11.8		.4		12.3	19.7	3.4			22.7	3948

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 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												
	03-05												
	06-08		13.7	.3	1.1		15.2	26.5	1.1			26.6	620
	09-11		11.9	.4	2.2		14.4	20.7	1.7			21.7	831
	12-14		9.0		2.5		11.4	13.1	1.8			14.9	830
	15-17		9.6		2.9		12.3	11.1	2.8			13.8	821
	18-20	.2	10.1		1.4		11.4	13.8	1.9			15.1	516
	21-23												
TOTALS		.0	10.9	.1	2.0		12.9	17.8	1.9			18.4	3618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

744906 FT DEVENS AAF MA 75-84 DEC

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.
DEC	00-02												
	03-05												
	06-08		6.6	2.4	7.1		15.8	18.7	1.0	.3		20.0	620
	09-11		6.6	1.6	11.3		19.2	16.7	2.2	.6		19.1	821
	12-14		6.1	2.1	10.0		17.5	14.7	2.1	.4		16.9	804
	15-17		5.9	1.4	9.7		16.5	14.6	1.3	.3		15.6	783
	18-20	.2	4.4	2.0	7.9		13.8	14.8	1.1			15.3	458
	21-23												
TOTALS		.0	5.9	1.9	9.2		16.6	15.9	1.5	.3		17.4	3486

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

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

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for 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.

These tables are prepared for all years combined, by month by available 3-hour groups.

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	3.6	5.2	1.8									10.6	4.4
NNE	.9	.7	1.2									2.8	6.1
NE	.1	.4	.1									.7	5.0
ENE		.3										.3	5.0
E	.3											.3	3.0
ESE													
SE													
SSE	.6	.1										.7	2.6
S	1.3	.1	.9		.1							2.5	5.4
SSW	1.5	1.5	.3	.1								3.4	4.3
SW	1.3	1.6	.4	.3								3.7	4.8
WSW	2.5	2.1	1.0	.1								5.8	4.7
W	2.4	3.7	2.5	.6	.1							9.4	6.2
WNW	1.3	1.8	1.5	.3								4.9	5.9
NW	1.3	2.8	.3	.6								5.1	5.4
NNW	1.8	1.9	.7	.1								4.6	4.7
VARBL													
CALM												44.7	
	19.2	22.6	10.9	2.2	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 667

USAFETAC FORM JUL 64 0-R-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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	3.8	4.6	2.1	.1								10.6	4.7
NNE	1.5	2.6	1.5	.3								5.8	5.6
NE	.6	.6	.2	.1								1.5	5.2
ENE	.3											.3	1.3
E		.1	.1									.2	6.0
ESE	.2	.1										.3	3.0
SE	.6	.3	.1									1.0	3.7
SSE	.7	.2		.1								1.0	4.1
S	1.3	.9	.7	.3	.1							3.4	5.4
SSW	2.1	2.1	.2	.2								4.7	4.8
SW	1.0	2.2	.2	.1	.1							3.7	5.2
WSW	.7	1.1	1.8	1.8	.1							4.7	7.9
W	1.2	2.0	5.7	1.7	.2							10.9	8.8
WNW	.9	2.3	4.1	1.8	.1							9.3	8.1
NW	1.1	3.6	3.7	.8	.2							9.4	7.1
NNW	1.7	3.2	2.0	.2								7.2	5.5
VARBL													
CALM												26.1	
	17.7	26.1	22.5	6.8	.9							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 894

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	JAN

CLASS: ALL WEATHER

HOURS (L S T): 1200-1400

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	4.7	3.1	.6								12.0	5.3
NNE	1.7	2.3	1.4	.2								5.5	5.1
NE	.8	.2		.5								1.5	5.8
ENE	.1	.1										.2	3.5
E	.6	.2	.1									.9	3.8
ESE	.5	.2										.7	3.0
SE	.8	.2	.1									1.1	3.1
SSE	.9	.6										1.5	2.6
S	1.7	1.5	.3	.2	.1							3.8	4.8
SSW	.8	1.5	.7	.5								3.4	5.8
SW	.5	1.1	1.3	.3	.1							3.5	7.3
WSW	.6	1.0	2.0	.8	.2							4.6	8.1
W	1.0	3.3	6.8	2.5	.5	.1						14.1	8.6
WNW	.7	2.7	5.3	2.8	.2							11.8	8.9
NW	1.2	3.4	4.4	1.2	.1							10.4	7.5
NNW	1.5	3.3	3.6	.8	.1							9.3	6.8
VARBL													
CALM												15.7	
	16.8	26.3	29.3	10.4	1.4	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 885

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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L S T)
CONDITION

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.9	4.0	2.2	.1								9.2	5.1
NNE	1.6	.9	.8	.1								3.5	4.8
NE	.3	.7	.2									1.3	4.5
ENE	.3	.3										.7	3.2
E	.5	.2	.2									.9	4.6
ESE	.9											.9	1.6
SE	.3	.5										.8	3.0
SSE	1.5	.7	.2									2.4	3.3
S	2.0	.9	.5	.2								3.6	4.3
SSW	.9	.9	.5	.2								2.6	5.2
SW	2.1	1.4	.6	.2	.1							4.4	4.8
WSW	1.3	2.0	1.0	.6								4.9	5.8
W	2.2	4.9	5.2	2.7	.2							15.3	7.5
WNW	2.0	4.5	5.1	1.6	.5							13.7	7.3
NW	1.6	4.4	3.7	.6								10.4	6.5
NNW	1.6	3.4	2.3	.8								8.1	6.2
VARBL													
CALM												17.2	
	22.2	29.8	22.7	7.2	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 859

USAFETAC FORM 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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.1	1.0	.2								6.7	4.8
NNE	1.3	.6	.2									2.1	3.5
NE	.2	.2	.2									.6	4.3
ENE	.2											.2	3.0
E	.2	.2	.2	.2								.8	6.5
ESE	.4	.2										.6	3.7
SE		.2										.2	6.0
SSE	.2		.2									.4	5.8
S	.4	.8	.2	.2								1.5	5.8
SSW	1.9	1.5	.6		.2							4.2	4.8
SW	1.1	1.0	.4	.2								2.7	5.0
WSW	1.5	1.3	.4	.2								3.4	4.4
W	4.6	6.7	3.4	1.7	.4							16.8	6.0
WNW	2.1	5.0	1.1	.4	.2							8.8	5.3
NW	1.9	3.2	2.1	.2								7.4	5.6
NNW	2.3	2.9	1.3	.2								6.7	5.1
VARBL													
CALM												37.0	
	20.8	26.7	11.3	3.4	.8							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 524

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	FEB

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	3.3	3.3									11.5	4.9
NNE	1.8	1.8	.5	.2								4.3	4.6
NE	.2	.5	.2									.8	5.2
ENE	.2	.3	.2									.7	4.8
E		.3										.3	4.0
ESE	.5											.5	2.0
SE	.3			.2								.5	6.0
SSE	.7	.2	.5	.2								1.5	5.7
S	.8	.5	.2									1.5	3.7
SSW	2.5	1.3										3.8	3.2
SW	1.0	1.0	.8									3.4	5.0
WSW	1.3	1.8	.3	.2								3.6	4.9
W	1.3	3.8	1.1	1.0								7.2	5.9
WNW	1.8	1.5	1.3	.3								4.9	5.5
NW	1.6	2.1	1.8	.5								6.1	5.9
NNW	.8	2.1	2.1	.3								5.4	6.3
VARBL													
CALM												44.2	
	19.6	21.1	12.3	2.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 611

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	2.8	5.9	4.9	.7								14.3	5.9
NNE	2.7	2.4	1.3	.1								6.6	4.7
NE	1.1	1.0										2.1	3.5
ENE	.4	.2										.6	3.8
E	.2	1.1	.1									1.5	4.5
ESE	.2	.2										.5	2.8
SE	.7		.1									.9	3.1
SSE	1.5	.7	.1									2.3	3.2
S	.9	.9	.5	.1	.2							2.6	6.6
SSW	1.2	2.2	1.1	.4	.1							5.0	6.8
SW	.2	2.1	.9	.1								3.3	6.8
WSW	.4	1.0	.9	.1								2.3	6.3
W	1.2	3.8	4.8	1.6	.2							10.9	7.5
WNW	.4	2.6	3.3	1.0								7.2	7.7
NW	.6	3.7	5.0	1.1								10.4	7.3
NNW	1.8	2.9	3.1	1.3								9.2	7.0
VARBL													
CALM												20.4	
	16.4	30.7	25.3	6.6	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 818

USAFETAC FORM JUL 64 0-R-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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — 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	3.3	5.0	4.2	.6								13.1	5.8
NNE	1.6	2.1	1.1	.2								5.0	5.5
NE	.9	1.6	.4	.1								2.9	4.8
ENE	.5	.2	.2									1.0	4.3
E	1.1	.5	.4									2.0	4.2
ESE	.7	.4	.2									1.4	4.0
SE	.5	.6										1.1	3.8
SSE	.6	.2	.2	.1								1.2	5.1
S	.6	2.5	1.1	.9	.1							5.2	7.2
SSW	1.1	1.2	1.6	.7								4.7	6.9
SW	.6	1.5	1.7	.6	.1							4.5	7.6
WSW	1.5	1.8	1.2	.4								4.9	6.0
W	.5	2.9	4.1	2.1	.4							10.0	8.3
WNW	.2	2.1	4.4	2.5	.2							9.5	9.0
NW	.9	3.7	7.8	2.0	.2							14.4	8.1
NNW	1.8	2.9	3.9	1.2								10.0	6.7
VARBL													
CALM												9.2	
	16.5	29.4	32.4	11.4	1.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 814

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	FEB

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	4.5	4.2	.6								13.1	5.7
NNE	.8	.9	.4	.1								2.1	5.0
NE	1.6	.5	.5		.1							2.8	4.1
ENE	.5	.4	.5									1.4	5.5
E	1.1	.9	.1	.1								2.3	3.9
ESE	1.0	.5	.3									1.8	3.9
SE	.8											.8	2.0
SSE	.6	.3	.3									1.1	4.8
S	.3	2.1	1.6	.3	.3							4.5	7.3
SSW	1.3	1.1	.8	.4		.1						3.7	6.2
SW	.9	1.8	1.9	.3								4.8	6.3
WSW	1.3	1.5	1.6	.3	.1							4.8	6.3
W	1.6	3.3	2.9	1.9								9.7	7.0
WNW	1.0	3.8	4.4	1.4	.3	.1						11.0	7.7
NW	1.4	3.7	7.4	1.8								14.3	7.4
NNW	1.8	3.2	4.4	1.5	.1							11.0	7.2
VARBL													
CALM												10.9	
	19.7	28.4	31.3	8.6	.9	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 792

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	FEB

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8	3.6	2.6	.6								11.6	5.0
NNE	.8	.8	.4									2.0	4.7
NE	1.2	.6	.4									2.2	3.6
ENE	.6	.4										1.0	3.0
E	1.0	.6										1.6	2.9
ESE	1.0			.4								1.4	5.0
SE	.8	.6										1.4	3.1
SSE	.2	.2	.2									.6	5.0
S	1.6	1.2	1.0	.2	.2							4.2	6.2
SSW	1.4	1.6	1.0	.2								4.2	5.6
SW	.6	.8	.2									1.6	4.0
WSW	1.2	.2	1.6									3.0	5.7
W	1.6	3.8	1.2	.6								7.2	5.9
WNW	2.6	3.2	2.6	.8								9.2	5.7
NW	3.6	5.2	3.8	.8								13.4	5.7
NNW	3.0	2.0	1.2									6.2	4.4
VARBL													
CALM												29.1	
	26.1	24.8	16.2	3.6	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 499

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	MAR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.0	4.6	2.0	.4								12.0	4.6
NNE	1.8	3.5	1.3	.1								6.7	5.0
NE	.3	.3	.5	.1								1.2	6.2
ENE	.4	.3	.3									.9	4.6
E	.3	.4	.1									.8	4.3
ESE													
SE	.5	.3										.8	3.2
SSE	.7	.8	.1									1.6	4.2
S	1.6	1.2	.7									3.5	4.8
SSW	2.4	1.2	1.6	.4								5.7	5.5
SW	1.1	1.2	.3									2.6	4.1
WSW	.7	.4	.5									1.6	4.6
W	1.5	2.8	2.4	.8	.1							7.7	6.7
WNW	1.1	1.8	2.0	1.1								5.9	7.3
NW	1.6	2.8	3.2	.7								8.4	6.5
NNW	1.5	2.3	2.4	.1								6.3	5.7
VARBL													
CALM												34.1	
	20.4	23.9	17.7	3.8	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 741

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	3.0	5.8	3.2	1.3								13.4	6.0
NNE	1.1	4.3	1.8	.4								7.7	5.8
NE	1.2	1.8	.5	.2								3.8	4.9
ENE	1.3	1.1	.3	.1								2.8	4.3
E	.5	1.6	.4									2.6	4.8
ESE	.1	.3	.1									.5	4.6
SE	.5	.3	.2									1.1	4.1
SSE	.4	1.0	.3	.1								1.8	5.5
S	1.5	2.5	1.1	.1								5.2	5.2
SSW	1.2	1.4	1.8	.4	.2							5.1	6.7
SW	.2	1.6	1.0	.3								3.1	6.7
WSW	.2	.6	.8	.2								1.8	6.9
W	1.4	1.6	4.4	2.1	.1							9.6	8.4
WNW	.9	1.0	4.4	2.4	.2							8.9	9.2
NW	.6	2.2	5.5	2.5								10.8	8.5
NNW	1.5	2.5	3.2	1.1								8.3	7.1
VARBL													
CALM												13.4	
	15.8	29.7	29.3	11.2	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 925

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	MAR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.3	4.4	.7								10.8	6.6
NNE	2.1	3.5	1.5	.2								7.3	5.3
NE	1.4	1.5	.5	.2	.1							3.8	5.4
ENE	.8	1.2	.3									2.3	4.4
E	1.1	1.1	1.4	.1								3.7	5.9
ESE	.5	1.0	.1									1.6	4.1
SE	.4	.4	.4									1.3	5.1
SSE	.3	1.7	1.1	.1								3.3	6.1
S	1.0	2.5	2.6	.5	.3							6.9	7.1
SSW	1.1	1.8	2.9	1.1								6.9	7.4
SW	.5	1.0	1.5	.4	.1							3.6	7.2
WSW	.1	.2	1.1	.1								1.5	8.3
W	.3	1.2	4.6	3.3	.2							9.5	9.9
WNW	.5	1.4	3.7	3.7	.3	.1						9.8	10.1
NW	.5	2.5	6.1	3.1	.2							12.5	9.3
NNW	.9	2.2	4.3	1.0								8.3	7.6
VARBL													
CALM												6.9	
	13.0	27.5	36.6	14.5	1.3	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 923

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	MAR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.7	3.9	.4								10.8	6.3
NNE	1.1	3.4	1.0	.1								5.6	5.1
NE	1.3	1.3	.3	.1								3.1	4.9
ENE	.9	.6	.7									2.1	5.0
E	1.6	1.6	1.5									4.6	5.2
ESE	.6	.4	.6									1.6	5.1
SE	.6	.7	.4									1.7	5.3
SSE	.7	.9	1.5	.7								3.7	7.2
S	.9	2.4	1.9	.8								6.0	6.8
SSW	.6	2.2	2.2	1.5								6.5	7.8
SW	.6	1.1	.9	.3								2.9	6.7
WSW	.3	.9	1.2	.2								2.7	6.8
W	.2	2.8	4.2	1.6								8.8	8.2
WNW	.2	1.8	5.6	2.7								10.3	9.1
NW	.7	3.3	6.7	2.8								13.5	8.6
NNW	1.5	2.0	3.7	1.7								8.9	7.5
VARBL													
CALM												7.1	
	13.4	30.1	36.4	12.9								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 889

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	4.6	3.0									12.1	4.9
NNE	2.0	3.3	.2	.2								5.8	4.3
NE	1.1	.2										1.3	2.6
ENE	.6	.2	.2									.9	4.0
E	1.5	1.9	.2	.2								3.7	4.2
ESE	1.3	1.3	.6									3.2	4.1
SE	.9	.9	.6	.4								2.8	5.7
SSE	.6	.4	.6									1.5	5.6
S	.2	1.5	2.8	.4								4.8	7.5
SSW	.7	1.9	2.2	.4								5.2	6.9
SW	1.1	1.5	.4									3.0	4.4
WSW	1.1	.4	.9									2.4	4.8
W	2.8	2.6	3.5	.7								9.6	6.1
WNW	.7	2.6	3.9	1.7								8.9	7.9
NW	2.4	1.3	3.9	.7	.2							8.5	7.0
NNW	1.7	3.3	2.0	.7	.2							8.0	6.3
VARBL													
CALM												18.4	
	23.2	27.8	24.9	5.4	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 539

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	APR

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	4.2	2.5	.5								10.7	5.2
NNE	1.6	2.3	.9									4.8	4.4
NE	.8	1.7	.7									3.2	4.5
ENE	.7	.3										.9	3.8
E	1.5	.5	.5									2.5	3.9
ESE	.5	.4		.1								1.1	4.1
SE		.5	.3									.8	5.2
SSE	.9	.4	.7	.1								2.1	5.6
S	.9	2.1	.4									3.5	4.8
SSW	1.5	1.7	1.9	.5								5.6	5.9
SW	.5	1.9	.9	.3								3.6	6.1
WSW	.5	.5	.7									1.7	5.3
W	1.5	2.4	2.4	.4	.3							7.0	6.9
WNW	.8	2.8	1.7	.9								6.3	6.9
NW	.8	2.5	4.3	1.3								9.0	7.8
NNW	.5	2.3	2.5	.8								6.2	7.2
VARBL													
CALM												30.8	
	16.6	26.7	20.5	5.1	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 796

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.6	4.7	1.0								11.4	6.9
NNE	2.0	2.3	1.7									6.0	4.8
NE	1.8	2.7	1.3	.2								6.0	5.1
ENE	1.1	1.5	.6									3.2	4.5
E	.8	2.2	.9	.1								4.0	5.3
ESE	.2	1.4	.5	.1								2.2	5.8
SE	.1	1.3	.3	.2								1.9	6.6
SSE	.5	.9	.9	.6								2.8	6.8
S	.9	1.3	2.4	.5								5.0	6.8
SSW	.3	1.5	2.0	1.3								5.1	8.1
SW	.3	.8	1.3	.8								3.2	8.2
WSW	.2	.5	1.5	.6								2.7	8.3
W	1.1	2.2	3.2	1.9	.3							8.8	8.4
WNW	.3	1.7	3.4	2.5								8.0	9.2
NW	.7	2.8	4.1	3.9	.1							11.6	9.1
NNW	.9	1.6	4.6	1.8								8.9	8.1
VARBL													
CALM												9.2	
	12.6	29.0	33.2	15.5	.5							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 879

USAFETAC FORM JUL 64 0-R-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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — 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	2.0	3.6	3.7	1.9								11.3	7.1
NNE	1.4	2.3	1.9	.1								5.7	5.8
NE	1.4	2.4	.8									4.5	4.9
ENE	1.1	.9	1.0	.1								3.2	5.4
E	1.0	2.5	1.9	.5								5.9	6.3
ESE	.5	.6	1.4									2.4	6.5
SE	.6	.5	.8	.2								2.0	6.7
SSE	.1	.9	1.6	.3								2.9	7.9
S	.9	1.4	1.0	1.5								4.8	7.8
SSW	.2	.8	1.5	1.2	.3							4.1	9.8
SW	.3	1.0	2.0	1.1	.2							4.8	9.0
WSW	.7	1.1	1.9	.7								4.4	7.4
W	.6	1.6	4.1	2.2	.6							9.0	9.3
WNW	.7	1.5	4.2	3.4	.6	.1						10.4	10.1
NW	.3	1.9	4.8	4.1	.1							11.2	9.7
NNW	.3	1.7	3.9	2.4								8.3	9.2
VARBL													
CALM												5.1	
	12.1	24.6	36.5	19.7	1.8	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 882

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	APR

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.9	3.9	1.3								10.3	6.6
NNE	1.5	1.7	1.5									4.7	5.2
NE	.5	.9	.3									1.7	5.1
ENE	.6	1.0	.6	.1								2.3	5.6
E	1.3	1.6	2.5	.2								5.6	6.5
ESE	.7	1.7	3.1	.1								5.6	6.9
SE	.6	.7	1.7	.7								3.7	7.7
SSE	.3	.5	1.0	.1								2.0	7.0
S	.8	1.4	1.3	1.5	.1							5.1	8.0
SSW	.5	1.5	1.6	1.8								5.4	8.9
SW	.2	1.2	1.6	1.2	.3							4.5	9.2
WSW	.6	1.0	.7	.8								3.1	7.6
W	.3	3.0	3.1	2.0	.1							8.5	8.2
WNW	.5	2.0	4.6	2.5	.3							9.9	9.2
NW	.6	1.7	4.4	4.1	.1							10.9	9.5
NNW	.9	3.5	6.3	1.8	.1							12.7	8.0
VARBL													
CALM												3.9	
	12.0	26.3	30.4	18.3	1.2							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 868

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	'5-84	APR

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.7	2.0	.4								8.5	5.4
NNE	.8	1.6	1.0									3.4	5.6
NE	1.2	1.0	.2									2.4	3.5
ENE	1.0	1.8	.2									3.0	4.1
E	1.4	2.4	1.4									5.1	5.1
ESE	1.2	3.0	1.0									5.1	4.9
SE	.4	1.6	1.0	.2								3.2	6.2
SSE	.8	1.0	1.4	.6								3.7	7.3
S	1.0	1.8	1.8	.6								4.3	7.1
SSW	.2	1.8	2.0	2.0								5.9	9.8
SW	.8	.6	1.0	.8								3.2	7.4
WSW	.8	.8	1.4	.2								3.2	6.4
W	1.0	2.4	1.6	.4	.2							5.5	6.4
WNW	1.8	2.2	2.6	1.0								7.5	6.3
NW	.8	4.7	4.7	1.6								11.8	7.3
NNW	2.4	3.2	3.2	1.0								9.7	6.2
VARBL													
CALM												14.6	
	17.8	32.5	26.2	8.7	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 507

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	MAY

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.1	3.7	1.3	.1	.1							10.4	4.2
NNE	2.7	2.3	1.2	.2								6.5	4.6
NE	1.5	1.0	.4									2.9	3.8
ENE	1.2	.7	.2		.1							2.2	4.5
E	1.0	.4	.2									1.7	3.7
ESE	.2	.2	.3									.8	5.9
SE	.3	.4										.8	3.4
SSE	1.1	.8	.4									2.3	4.0
S	3.4	1.6	1.3	.1								6.4	4.3
SSW	2.6	3.0	1.1	.1								6.8	4.5
SW	1.6	2.0	.3									3.9	4.2
WSW	1.5	1.0	.3									2.8	4.0
W	1.7	3.6	1.9	.3								7.5	5.7
WNW	.7	1.5	1.5	.1								3.7	6.3
NW	.7	2.2	.8	.1								3.8	5.5
NNW	.4	2.6	1.0	.1								4.1	5.5
VARBL													
CALM												33.4	
	25.6	27.0	12.5	1.2	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 895

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.9	3.0	.6								9.9	6.1
NNE	2.6	4.5	1.4	.2								8.7	4.7
NE	1.6	2.9	1.0	.1								5.6	4.8
ENE	1.3	.9	.6	.1								2.9	4.8
E	1.8	1.1	.3	.1	.1							3.5	4.6
ESE	.6	1.0	.2	.1								2.1	5.9
SE	.7	1.4	.2	.1								2.5	4.7
SSE	1.0	1.1	.4	.2								2.8	5.2
S	1.6	4.1	2.2	.4								8.4	5.8
SSW	1.4	2.1	3.6	.6								7.7	6.7
SW	.9	1.7	1.8	.2								4.6	6.4
WSW	.7	1.3	1.0	.3								3.3	6.5
W	1.3	3.6	3.7	1.2								9.8	6.9
WNW	1.2	2.0	2.8	1.1								7.1	7.1
NW	.7	2.5	2.2	.3								5.7	6.6
NNW	.6	2.0	2.1	.3								5.0	6.8
VARBL													
CALM												10.5	
	19.3	37.1	26.6	6.4	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 897

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) MAY (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	2.1	2.9	2.8	.3								8.2	5.7
NNE	1.9	2.1	1.8	.3								6.2	5.5
NE	1.3	1.9	.7									3.9	4.5
ENE	2.0	2.0	1.6									5.6	5.0
E	1.1	1.9	1.2	.2								4.5	5.6
ESE	1.1	1.6	1.6	.1								4.4	5.8
SE	.7	1.0	.2	.2								2.1	5.3
SSE	.7	2.3	1.0	.9								4.9	6.8
S	.9	2.6	3.4	.7								7.5	6.8
SSW	.7	3.1	3.9	1.6								9.3	7.8
SW	.7	1.8	1.3	1.0								4.8	7.2
WSW	.4	1.6	1.8	.6								4.4	7.4
W	.8	3.4	4.0	1.0	.1							9.3	7.4
WNW	.2	2.0	3.2	1.3	.1							6.9	8.6
NW	.9	1.3	2.7	.9	.1							5.9	7.5
NNW	1.0	2.0	2.2	.4								5.7	6.4
VARBL													
CALM												6.5	
	16.6	33.6	33.4	9.8	.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 894

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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.4	2.7	.3								8.0	5.6
NNE	2.1	2.1	.8	.2								5.8	4.5
NE	1.1	1.5	.1	.1								2.9	4.2
ENE	1.0	2.3	.6									3.9	4.7
E	1.6	1.9	2.2	.1								5.8	5.5
ESE	1.0	1.5	2.5	.7								5.7	7.0
SE	.5	1.6	1.8	.6								4.1	7.0
SSE	.8	1.3	1.3	.8								4.1	7.0
S	1.1	2.5	3.5	.3								7.6	6.8
SSW	1.0	2.2	4.6	1.8								9.6	7.8
SW	.2	1.6	2.5	.9								5.3	7.7
WSW	.6	2.2	.7	.3								3.8	6.1
W	.7	3.1	3.3	1.4								8.5	7.6
WNW	1.1	2.6	2.2	.7								6.6	6.5
NW	.8	2.2	2.5	1.0								6.5	7.1
NNW	.7	2.7	2.9	.1								6.4	6.5
VARBL													
CALM												6.2	
	16.9	33.6	33.9	9.4								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 874

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	MAY

CLASS: ALL WEATHER

HOURS (L S T.): 1800-2000

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	3.7	1.5	.2								9.3	4.6
NNE	1.7	.7	.2									2.7	3.7
NE	2.2	.7										2.9	3.0
ENE	1.7	1.5										3.2	3.2
E	2.9	3.7	.7									7.3	3.9
ESE	.5	1.7	1.7	.2								4.1	6.2
SE	.2	2.2	2.2	.5								5.1	7.4
SSE	1.0	1.2	1.7									3.9	5.8
S	1.5	3.7	2.7	.7								8.5	6.6
SSW	.7	2.7	3.2	.7								7.3	7.0
SW	.5	1.5	1.2	1.0								4.1	7.4
WSW	1.0	1.5	1.5									3.9	5.8
W	1.2	3.4	1.5									6.1	5.2
WNW	1.7	2.4	1.0	.7								5.9	5.7
NW	1.0	2.4	1.2	.2								4.9	5.6
NNW	2.2	1.2	1.7	.2								5.4	5.4
VARBL													
CALM												15.4	
	23.9	34.1	22.0	4.6								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 410

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	3.3	2.7	1.1									7.1	4.8
NNE	1.8	1.6	.3									3.7	3.5
NE	.8	.7	.2									1.7	4.3
ENE	.6											.6	2.8
E	.9											.9	2.8
ESE	.8	.2										1.0	2.7
SE	.3	.7										1.0	3.6
SSE	1.1	.9	.1									2.1	3.2
S	3.0	3.3		.1								6.5	3.9
SSW	4.1	4.1	.9	.1								9.3	4.1
SW	4.0	2.3	1.1	.1								7.6	4.1
WSW	2.5	1.9	.1									4.5	3.4
W	2.9	2.3	1.4									6.7	4.4
WNW	1.1	1.8	1.4									4.3	5.5
NW	1.1	1.9	.8									3.8	4.6
NNW	1.7	1.4	.9	.1								4.1	4.9
VARBL													
CALM												35.2	
	30.0	25.9	8.5	.4								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 897

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	3.8	1.6									8.3	4.7
NNE	2.6	2.9	1.0									6.4	4.3
NE	1.9	.7	.6	.1								3.2	4.2
ENE	1.0	.6	.2									1.8	3.3
E	1.7	1.4	.2									3.3	3.7
ESE	1.4	.7										2.1	3.1
SE	.7	.7	.3									1.7	4.5
SSE	1.3	.6	.1									2.0	3.2
S	2.6	3.9	2.2	.2								8.9	5.0
SSW	1.6	3.1	3.4	.6								8.7	6.4
SW	1.8	4.0	1.7	.6								8.0	5.7
WSW	.8	2.6	1.4	.2								5.0	5.7
W	1.6	4.4	4.1	.8								10.9	6.3
WNW	2.2	2.6	1.7	.4								6.9	5.5
NW	1.1	1.3	3.0	.1								5.6	6.0
NNW	2.1	2.8	1.8	.3								7.0	5.5
VARBL													
CALM												10.2	
	27.2	35.9	23.3	3.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	2.8	2.6	2.2	.3								7.9	5.2
NNE	1.4	2.2	.7									4.3	4.4
NE	1.4	1.2	.2	.1								3.0	4.0
ENE	1.2	1.2	.4	.2								3.1	4.5
E	1.4	2.7	1.0									5.1	4.8
ESE	1.3	.7	.6									2.6	4.3
SE	1.0	1.1	.6									2.7	4.7
SSE	.7	1.1	.8									2.6	5.0
S	1.3	2.7	2.3	.6								6.9	6.3
SSW	1.2	3.3	4.2	1.1								9.9	7.1
SW	1.2	2.8	2.9	.7								7.6	6.0
WSW	.7	2.0	3.0	.2								5.9	6.6
W	2.0	3.7	4.0	.7								10.3	6.4
WNW	1.8	3.6	2.4	1.0								8.8	6.2
NW	2.0	2.9	1.8	.6								7.2	5.7
NNW	1.8	2.0	1.2	.4								5.4	5.4
VARBL													
CALM												6.8	
	23.3	35.7	28.3	5.9								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.7	1.9	.1								6.9	5.2
NNE	1.1	1.2	.1									2.5	3.7
NE	1.0	.4	.2									1.7	3.7
ENE	.4	.9	.2	.1								1.7	4.9
E	1.2	2.5	.8	.1								4.6	4.6
ESE	.8	1.7	1.9	.1								4.5	6.1
SE	.3	1.7	1.0	.1								3.1	5.9
SSE	.3	1.8	1.6	.2								3.9	6.8
S	1.2	2.5	3.6	.6								7.9	6.4
SSW	1.1	3.6	3.4	1.2								9.3	7.0
SW	.7	2.6	2.1	.2								5.6	6.3
WSW	1.1	3.6	2.5	.3								7.5	6.1
W	2.2	3.5	3.4	.4								9.6	5.9
WNW	2.4	2.9	3.3	.6								9.1	5.9
NW	2.5	2.8	2.8	.3								8.4	5.7
NNW	2.0	1.3	1.0	.1								4.5	4.7
VARBL													
CALM												9.2	
	20.7	39.7	29.8	4.6								100.0	5.3

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	2.8	1.4	.9	.2								5.3	4.0
NNE	.9	.9	.5									2.3	4.8
NE	1.4	.5										1.8	3.0
ENE	.5											.5	2.0
E	1.6	1.4										3.0	3.2
ESE		1.8	1.4									3.2	6.1
SE	.9	2.3	1.6	.2								5.1	5.7
SSE	.5	1.8	1.4									3.7	5.6
S	3.7	3.2	2.5	.5								9.9	5.3
SSW	2.8	3.7	4.8	.7								12.0	6.8
SW	2.8	2.5	1.2									6.5	4.3
WSW	1.6	2.1	.5									4.2	4.1
W	4.2	2.8	1.4									8.3	4.2
WNW	1.8	2.1	2.1	.7								6.7	5.8
NW	2.1	1.6	.9	.2								4.8	4.7
NNW	1.2	.7	.9	.2								3.0	5.6
VARBL													
CALM												19.6	
	28.6	28.9	20.1	2.8								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 433

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	JUL

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	2.5	.4									6.5	3.5
NNE	1.3	.9										2.2	3.3
NE	.4	.1										.6	2.4
ENE	.3	.2										.6	3.2
E	.6											.6	2.2
ESE													
SE	.3											.3	2.7
SSE	.8	.2										1.0	2.8
S	3.4	2.0	.1									5.5	3.3
SSW	5.6	4.6	.6	.1								10.9	3.7
SW	3.9	2.7	.6									7.2	3.7
WSW	2.2	1.2	.3									3.8	3.6
W	2.2	3.0	.9									6.2	4.3
WNW	1.0	1.0	.7									2.7	4.5
NW	1.3	1.9	.9									4.1	4.8
NNW	1.8	1.1	.4	.1								3.5	4.2
VARBL													
CALM												44.4	
	28.9	21.5	4.9	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 892

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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.6	1.3	.2								9.5	4.6
NNE	2.1	.4	.4									4.0	3.8
NE	1.9	.0										2.9	3.3
ENE	1.0	.3										1.3	2.9
E	.9	1.0	.2	.1								2.2	4.4
ESE	.6	.6	.1									1.2	3.6
SE	.4	.2	.6									1.2	5.4
SSE	.7	1.0	.2									1.9	4.6
S	2.1	4.2	1.2	.1								7.7	4.9
SSW	1.7	3.6	2.5									7.7	5.5
SW	2.5	3.3	2.3									8.1	5.1
WSW	1.4	3.5	2.3	.1								7.4	5.4
W	1.9	5.1	3.8	.1								10.9	5.7
WNW	1.0	3.0	2.3	.4								6.8	6.1
NW	2.0	2.7	2.1	.1								6.9	5.3
NNW	1.7	3.2	1.8	.3								7.0	5.5
VARBL													
CALM												13.2	
	25.2	38.8	21.3	1.6								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 897

USAFETAC FORM JUL 64 0-R-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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.5	1.5	.6								7.8	5.2
NNE	1.1	1.2	.2									2.6	4.0
NE	.7	.3	.4									1.5	5.0
ENE	.2	.7	.1									1.0	4.1
E	.7	.4										1.1	3.3
ESE	.3	1.1	.9									2.3	5.3
SE	.2	.8	.8									1.8	6.1
SSE	.3	1.0	.7									2.0	5.5
S	2.1	3.4	2.0	.2								7.7	5.3
SSW	1.1	4.0	4.2	.3								9.7	6.4
SW	1.0	3.8	4.2	.1								9.2	6.5
WSW	1.1	3.6	2.8	.2								7.7	6.2
W	1.8	4.7	4.5	.8								11.7	6.5
WNW	1.8	4.1	2.9	.4								9.3	5.9
NW	1.8	3.5	3.5	.2								8.9	5.9
NNW	2.7	2.5	1.3	.3								6.8	5.0
VARBL													
CALM												8.8	
	19.3	38.5	30.1	3.2								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 895

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.0	.8								5.7	5.6
NNE	1.2	.8	.2									2.3	3.6
NE	.2	.3	.1									.7	4.5
ENE	.5	.1										.6	2.8
E	1.0	1.0	1.1									3.2	5.2
ESE	.6	1.0	1.6	.1								3.3	6.3
SE	.7	.3	.5	.2								1.7	5.5
SSE	.6	1.0	.3	.1								2.0	5.3
S	1.6	2.7	2.2	.2								6.7	5.5
SSW	1.5	4.8	3.7	.1								10.1	6.0
SW	2.4	3.6	3.9	.5								10.3	5.8
WSW	2.2	4.3	3.4	.3								10.2	5.9
W	3.0	6.4	3.5	.1								13.0	5.3
WNW	1.0	1.9	1.8	.6								5.3	6.2
NW	3.1	3.1	2.4	.2								8.7	5.2
NNW	2.0	3.2	1.8									7.0	5.0
VARBL													
CALM												9.1	
	23.1	36.9	27.6	3.3								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 880

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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.9									3.5	4.5
NNE	.5	.7										1.2	3.0
NE	.2	.5										.7	3.7
ENE	.5											.5	2.5
E	.9	.2	.2									1.4	3.3
ESE		1.4	.7									2.1	6.1
SE	.5	.7	1.4									2.6	6.1
SSE	.7	1.4	.2									2.4	4.2
S	1.7	5.0	2.4	.2								9.2	5.4
SSW	3.3	5.0	1.4									9.7	4.7
SW	2.8	5.7	2.6									11.1	4.9
WSW	2.8	4.0	.7									7.6	4.4
W	5.4	2.4	1.4									9.2	3.8
WNW	1.9	.9	1.4									4.3	4.9
NW	5.0	2.8	.2									8.0	3.5
NNW	1.2	.9	.7	.2								3.1	5.4
VARBL													
CALM												23.4	
	28.8	32.9	14.4	.5								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 423

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED KNTS/ DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.7	.5									5.9	3.7
NNE	1.8	1.3	.7									3.8	4.2
NE	.8	.3										1.1	2.9
ENE		.2										.2	5.0
E	.5	.1										.7	2.8
ESE	.1	.1										.2	2.5
SE	.3	.2										.5	3.2
SSE	.5	.8		.2								1.5	5.3
S	2.6	2.4		.1								5.1	3.6
SSW	2.9	3.3	1.1									7.3	4.0
SW	1.7	2.3	1.0									5.0	4.5
WSW	1.1	1.1	.4									2.6	4.3
W	1.5	2.1	.5									4.1	4.2
WNW	1.4	.7	.3									2.4	4.0
NW	1.1	.8	.5									2.4	4.3
NNW	1.0	.9	.4	.1								2.4	4.8
VARBL													
CALM												54.8	
	28.1	19.1	5.5	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 921

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	5.9	.9									11.3	4.1
NNE	2.6	3.1	1.3	.1								7.1	4.8
NE	1.1	1.0	.1									2.2	3.6
ENE	1.1	.5										1.6	2.9
E	1.4	.8	.4									2.6	4.0
ESE	.5	.4										1.8	3.2
SE	.6	.5	.1									1.3	3.9
SSE	1.3	1.0	.1									2.4	3.6
S	1.7	2.4	1.0									5.1	4.5
SSW	1.7	3.3	2.4									7.4	5.8
SW	1.3	3.9	1.6									6.8	5.3
WSW	1.2	2.8	1.0									4.9	4.9
W	2.8	2.6	3.9	.2								9.5	5.7
WNW	1.2	1.5	1.8	.3								4.8	6.2
NW	1.4	3.0	1.9	.1								6.5	5.3
NNW	1.8	3.1	1.6									6.6	4.8
VARBL													
CALM												19.1	
	26.2	35.8	18.1	.8								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	AUG

CLASS: ALL WEATHER

HOURS (L S T): 1200-1400

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.4	1.9	.1								8.2	5.3
NNE	2.7	1.7	1.5									5.9	4.3
NE	2.0	1.8	.5									4.4	3.9
ENE	1.1	1.4	.4									2.9	4.5
E	1.7	1.2	.2									3.1	3.7
ESE	1.0	.9	.2									2.0	4.2
SE	.5	.3	.1									1.0	3.6
SSE	.3	1.1	.5	.1								2.0	5.8
S	1.8	2.5	1.7	.4								6.5	5.5
SSW	1.2	3.1	2.8	.1								7.2	6.8
SW	1.4	3.2	3.0	.2								7.9	6.8
WSW	1.3	2.8	3.0	.5								7.6	6.4
W	2.2	5.1	4.0	.6	.1							11.9	6.2
WNW	1.4	3.6	2.2	.3								7.4	6.8
NW	1.5	2.8	1.9	.3								6.6	5.8
NNW	1.1	3.3	.8	.1								5.3	4.9
VARBL													
CALM												10.0	
	22.9	39.2	24.9	2.9	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.4	1.1									6.2	4.4
NNE	1.6	2.0	.4									4.1	4.2
NE	1.3	.8	.3									2.4	3.7
ENE	.9	1.1	.4									2.4	4.5
E	1.5	2.3	1.0									4.8	4.5
ESE	.5	.9	.5									2.0	5.2
SE	.3	1.4	.1									1.9	4.6
SSE	.3	1.5	.3									2.2	5.8
S	1.5	2.2	2.1	.3								6.1	5.9
SSW	2.0	4.2	3.0	.1								9.2	5.5
SW	2.2	3.5	2.4	.2								8.3	5.3
WSW	1.5	4.6	1.5	.1								7.8	5.1
W	2.1	4.4	2.8	.5								9.9	5.8
WNW	1.9	2.3	2.5	.2								6.9	5.6
NW	1.8	3.3	2.0	.2								7.2	5.4
NNW	1.9	2.4	1.0	.3								5.6	5.2
VARBL													
CALM												13.0	
	24.1	39.2	21.6	2.1								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 913

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	.7	.2								4.2	5.0
NNE	1.3	1.6	.9									3.8	4.8
NE	.2	1.1										1.3	4.3
ENE	.2	.7	.2									1.1	4.2
E	2.0	1.1	.4									3.5	3.5
ESE	.7	2.7	.2									3.5	4.0
SE	.4	1.6	1.6									3.5	5.8
SSE	.4	1.6	.7	.2								2.9	5.8
S	2.2	2.7	1.8									6.7	4.8
SSW	2.4	4.0	2.2									8.6	5.1
SW	3.3	4.7	.7									8.6	3.8
WSW	2.0	1.3	.2									3.5	3.6
W	4.4	1.8	.4									6.7	3.5
WNW	2.0	1.8	.9	.2								4.9	4.9
NW	1.6	1.3	.4									3.3	4.3
NNW	1.6	.9	.4									2.9	4.8
VARBL													
CALM												30.8	
	26.2	30.6	11.8	.7								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 451

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	SEP

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	2.0	.6	.1								6.3	3.5
NNE	1.6	1.6	.2									3.5	3.6
NE	.9	.7										1.6	2.9
ENE	.5	.1										.6	2.6
E	.5	.2										.7	3.0
ESE	.2											.2	2.5
SE	.2		.2									.5	5.0
SSE	.9	.2	.1									1.3	3.8
S	1.4	1.9	.5									3.7	4.2
SSW	4.1	2.1	.5									6.8	3.4
SW	2.3	2.0	.6									4.9	3.8
WSW	1.2	.9	.6									2.7	4.2
W	1.4	2.5	.2									4.2	4.1
WNW	.9	1.0	.6	.1								2.7	4.7
NW	1.3	1.2	.8									3.2	4.0
NNW	2.1	1.3	.1									3.5	3.3
VARBL													
CALM												54.0	
	23.1	17.7	5.0	.2								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 863

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	4.4	1.4	.5								10.2	4.6
NNE	2.6	2.5	.5									5.6	3.8
NE	2.8	1.4	.5									4.6	3.3
ENE	1.4	.7										2.1	2.7
E	1.5	.6										2.1	2.6
ESE	.6	.5	.1									1.1	3.8
SE	.6	.5	.2	.1								1.4	4.8
SSE	.9	.3	.1	.1								1.5	3.9
S	1.4	3.3	1.5	.2	.1							6.6	5.7
SSW	2.3	2.5	2.6	.3								7.8	5.6
SW	1.1	3.4	1.7									6.3	5.4
WSW	1.0	1.8	1.4	.1								4.4	5.3
W	1.7	3.3	2.5	.7								8.3	6.1
WNW	.9	3.2	3.0	.3								7.5	6.2
NW	.7	3.8	2.3	.1								6.9	6.4
NNW	1.4	3.0	1.7	.2								6.3	5.5
VARBL													
CALM												17.4	
	24.9	35.3	19.5	2.8	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 870

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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
SEP — 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	2.9	4.4	1.0	.1								8.4	4.5
NNE	1.5	2.3	.1									3.9	3.9
NE	2.2	1.3	.2									3.7	3.4
ENE	.9	.8										1.7	3.3
E	2.1	1.0	.1									3.2	3.4
ESE	1.2	1.0	.2									2.4	3.9
SE	1.2	.8	.3		.1							2.4	4.9
SSE	.7	.9	.5									2.1	4.7
S	1.4	3.1	1.8	.7	.1							7.1	6.4
SSW	.9	3.5	3.1	.3								7.8	6.4
SW	.5	3.5	3.2	.7								7.8	6.9
WSW	.6	3.0	1.8	.3								5.8	6.3
W	1.5	4.7	4.0	1.2								11.4	6.5
WNW	1.6	1.5	3.2	.1								6.5	6.3
NW	1.3	3.5	2.1	.6								7.4	6.0
NNW	2.1	3.5	1.5	.5								7.5	5.2
VARBL													
CALM												10.8	
	22.4	38.7	23.4	4.5	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 868

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.5	1.3	.1								7.0	4.5
NNE	1.8	1.0	.4									3.1	3.4
NE	1.1	.8										1.9	3.2
ENE	1.1	.4										1.4	2.8
E	2.1	1.4	.8									4.4	4.2
ESE	.6	1.1	.5									2.1	5.2
SE	.2	1.1	.6									1.9	5.9
SSE	1.3	.8	.5		.1							2.7	4.9
S	1.3	3.0	2.3	.4								6.9	6.2
SSW	2.1	3.7	4.3	.6								10.7	6.1
SW	1.9	3.2	2.0	.5								7.8	5.7
WSW	1.5	3.7	1.4	.2								6.9	5.3
W	2.1	3.7	1.8	.1								7.7	5.2
WNW	1.8	2.3	2.1	.2								6.4	5.6
NW	1.9	4.9	2.5	.1								9.4	5.4
NNW	.7	1.9	1.2									3.8	5.3
VARBL													
CALM												15.7	
	24.8	35.4	21.7	2.3	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 839

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.5	.5									3.8	4.1
NNE		.5										.5	4.5
NE	.8	.8										1.5	3.3
ENE	1.3											1.3	1.8
E	2.5	.3										2.8	2.7
ESE	.8	1.5	.3									2.5	4.1
SE	.8	1.3	.5									2.5	4.9
SSE	1.0	1.5	.3									2.8	4.1
S	1.8	4.5	1.5									7.8	5.1
SSW	3.0	3.8	2.3	.5								9.6	5.2
SW	2.8	1.8	1.0									5.6	4.0
WSW	1.5	.3	.8									2.5	3.4
W	1.5	2.0	.8	.3								4.5	4.9
WNW	1.0	1.5	.3	.3								3.0	5.2
NW	1.5	1.3	.3									3.0	3.4
NNW	1.8	1.3	.3									3.3	3.5
VARBL													
CALM												42.9	
	23.7	23.7	8.6	1.0								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 396

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	OCT

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

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 WINDS

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.5	1.3	.1								7.0	4.5
NNE	1.8	1.0	.4									3.1	3.4
NE	1.1	.8										1.9	3.2
ENE	1.1	.4										1.4	2.8
E	2.1	1.4	.8									4.4	4.2
ESE	.6	1.1	.5									2.1	5.2
SE	.2	1.1	.6									1.9	5.9
SSE	1.3	.8	.5		.1							2.7	4.9
S	1.3	3.0	2.3	.4								6.9	6.2
SSW	2.1	3.7	4.3	.6								10.7	6.1
SW	1.9	3.2	2.0	.5								7.6	5.7
WSW	1.5	3.7	1.4	.2								6.9	5.3
W	2.1	3.7	1.8	.1								7.7	5.2
WNW	1.8	2.3	2.1	.2								6.4	5.6
NW	1.9	4.9	2.5	.1								9.4	5.4
NNW	.7	1.9	1.2									3.8	5.3
VARBL													
CALM												15.7	
	24.8	35.4	21.7	2.3	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 839

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.5	.5									3.8	4.1
NNE		.5										.5	4.5
NE	.8	.8										1.5	3.3
ENE	1.3											1.3	1.8
E	2.5	.3										2.8	2.7
ESE	.8	1.5	.3									2.5	4.1
SE	.8	1.3	.5									2.5	4.9
SSE	1.0	1.5	.3									2.8	4.1
S	1.8	4.5	1.5									7.8	5.1
SSW	3.0	3.8	2.3	.5								9.6	5.2
SW	2.8	1.8	1.0									5.6	4.0
WSW	1.5	.3	.8									2.5	3.4
W	1.5	2.0	.8	.3								4.5	4.9
WNW	1.0	1.5	.3	.3								3.0	5.2
NW	1.5	1.3	.3									3.0	3.4
NNW	1.8	1.3	.3									3.3	3.5
VARBL													
CALM												42.9	
	23.7	23.7	8.6	1.0								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 396

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
74906	FT DEVENS AAF MA	75-84	OCT

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	2.9	1.3									7.7	4.3
NNE	1.7	2.2	.3									4.3	3.9
NE	.3	.3	.1									.8	4.3
ENE	.5		.1									.6	3.0
E	.2	.1										.3	3.0
ESE	.1											.1	1.8
SE	.7	.1										.8	2.6
SSE	.3	.1										.5	3.3
S	1.7	1.6	.6									4.0	4.3
SSW	1.9	1.4	.5									3.7	3.8
SW	1.6	1.9	.9	.2								4.7	5.8
WSW	.8	1.3	.5	.1								2.7	5.8
W	1.3	3.1	1.4	.3								6.2	5.5
WNW	.7	2.1	1.3	.1								4.2	5.8
NW	.6	.8	.1									1.5	3.8
NNW	1.3	.9	1.0									3.3	4.7
VARBL													
CALM												54.8	
	17.3	19.0	8.1	.8								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 860

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	6.2	3.0	.2								13.7	4.9
NNE	2.0	3.6	1.5									7.1	4.7
NE	2.2	1.2	.3									3.8	3.4
ENE	.8	.3										1.1	2.7
E	1.6	.6	.1									2.2	3.1
ESE	.6	.8	.1	.1								1.6	4.7
SE	.4	.6	.1									1.1	3.7
SSE	.6	.4		.1								1.1	4.6
S	2.1	2.0	.7	.1								4.9	4.5
SSW	1.6	2.0	1.2	.2								5.0	5.5
SW	1.0	1.3	2.6	.2								5.2	6.5
WSW	.7	1.2	1.3	.2		.1						3.6	6.7
W	1.1	3.1	4.0	.8	.1							9.2	7.2
WNW	.9	2.2	2.2	1.5	.1							7.8	7.7
NW	1.0	2.7	1.8	.2								5.7	6.1
NNW	1.2	3.0	1.9	.1								6.3	5.6
VARBL													
CALM												21.4	
	22.1	31.4	21.0	3.8	.2	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 892

USAFETAC FORM JUL 64 0-8-5 (01-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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.1	1.5	.1								8.2	4.6
NNE	1.7	2.7	1.5									5.9	4.8
NE	1.8	1.4	.1									3.3	3.6
ENE	1.6	1.2	.3									3.2	3.8
E	1.4	1.1	.6	.1								3.2	5.0
ESE	.9	1.8	.8	.1								3.6	5.0
SE	.9	1.4										2.3	3.7
SSE	.7	.5	.1									1.2	4.0
S	1.2	3.5	1.4	.2								6.3	5.4
SSW	1.0	3.5	1.7	.9								7.1	6.6
SW	.7	1.6	2.0	.6								4.9	7.1
WSW	.7	2.0	2.4	.3	.1							5.5	6.9
W	1.4	4.1	5.1	1.1								11.6	7.1
WNW	.8	1.2	3.4	1.6	.1							7.1	8.4
NW	1.0	2.7	4.1	1.0	.1							8.9	7.2
NNW	.8	2.6	2.4	.1	.1							6.0	6.6
VARBL													
CALM												11.6	
	19.1	35.4	27.2	6.2	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 885

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	2.4	1.1	.2								7.2	4.4
NNE	1.1	2.1	.7	.1								4.0	4.8
NE	.9	1.4	.2									2.5	4.0
ENE	.8	.6										1.4	3.6
E	1.4	2.8	.6	.1	.1							5.0	5.0
ESE	1.1	1.6	.5		.1							3.3	5.1
SE	1.0	1.1	.1									2.3	3.8
SSE	1.3	1.3	.1									2.6	3.8
S	1.7	3.2	1.1	.3								6.4	5.4
SSW	1.5	3.0	.9	.7								6.0	5.8
SW	1.9	1.4	1.1	.3								4.8	5.0
WSW	.9	3.6	1.0									5.6	4.9
W	1.7	3.3	4.1	1.1								10.3	7.0
WNW	1.6	1.8	2.1	.5								5.9	6.0
NW	1.4	3.6	1.9	.2								7.2	5.5
NNW	1.0	3.2	.9	.5								5.6	5.6
VARBL													
CALM												20.0	
	22.8	36.3	16.5	4.1	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 878

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.8	1.2	.2								5.8	4.5
NNE	.7	.2	.2	.2								1.4	5.3
NE	.9	.5	.2									1.6	4.8
ENE	.5											.5	1.5
E	.9	.7		.2								1.8	4.6
ESE	1.6	1.6	.2									3.5	4.1
SE	1.8	.2										2.1	2.2
SSE	1.2		.2									1.4	3.5
S	2.8	1.6	.7									5.1	4.1
SSW	2.5	2.3	1.2	.2								6.2	4.7
SW	1.6	1.6	.5									3.7	4.2
WSW	2.1	.5										2.5	2.8
W	2.3	3.0	.9	.2								6.5	4.7
WNW	1.8	2.3	.7									4.8	4.5
NW	.9	.7	.7									2.3	4.8
NNW	1.4	2.1	.7									4.2	4.7
VARBL													
CALM												46.7	
	25.6	19.2	7.4	1.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 433

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	NOV

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.5	2.3	.8									8.5	3.4
NNE	.6	.8	.2									1.6	3.8
NE	.3	.2	.2									.6	4.5
ENE	.2	.3										.5	4.7
E	.2		.3									.5	7.0
ESE	.3		.2									.5	4.3
SE	.2	.2										.3	4.0
SSE	.8	1.0										1.8	3.0
S	.8	2.6	.8									4.2	5.1
SSW	2.7	2.3	1.5									6.5	4.8
SW	1.6	1.3	.2									3.1	3.8
WSW	1.0	1.8	1.1	.2								4.8	5.7
W	1.8	2.7	2.4	.3								7.3	6.0
WNW	2.1	1.1	.3	.2								3.7	4.2
NW	1.3	1.3	.6	.3								3.5	5.3
NNW	1.5	1.1	1.6									4.2	5.3
VARBL													
CALM												49.2	
	20.8	18.9	10.2	1.0								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 620

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
744906	FT DEVENS AAF MA	75-84	NOV

CLASS: ALL WEATHER

HOURS (L S T): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	4.3	2.5	.2								11.1	4.8
NNE	1.4	1.7	.6									3.7	4.2
NE	1.1	.5	.1									1.7	3.1
ENE	.6	.1	.1									.8	3.4
E	.8	.2										1.1	3.8
ESE	.1		.1									.2	5.0
SE	.4	.4										.7	3.1
SSE	1.0	.6	.1									1.7	3.8
S	1.8	1.4	.8									4.1	4.4
SSW	2.0	1.8	1.3	.5								5.7	5.2
SW	.7	1.6	1.4	.4								4.1	6.4
WSW	.6	1.9	2.3	.5								5.3	6.8
W	1.0	3.5	6.3	.8								11.6	7.3
WNW	1.0	2.4	4.6	1.2								9.1	7.6
NW	1.0	2.3	3.0	1.1								7.3	7.4
NNW	1.1	2.9	2.3	.2								6.5	6.0
VARBL													
CALM												25.3	
	18.5	25.6	25.6	4.9								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 831

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	2.8	.8	.2								7.8	4.3
NNE	1.9	1.3	.2									3.5	3.7
NE	1.1	.4	.2									1.7	3.4
ENE	1.0	.8	.1									1.9	3.4
E	.8	.6	.2									1.7	3.9
ESE	.7	.5	.2									1.4	4.1
SE	.4	.2	.2									.8	4.4
SSE	.6	1.7	.1									2.4	4.2
S	1.4	3.9	1.2	.1								6.6	5.1
SSW	1.2	2.2	3.5	.2								7.1	6.6
SW	1.7	.8	1.7	.5	.1							4.8	6.9
WSW	.4	1.4	2.4	.5								4.7	7.5
W	.7	3.3	6.4	1.9								12.3	7.9
WNW	1.0	2.9	4.5	3.1								11.4	8.4
NW	1.4	3.6	4.1	1.6								10.7	7.2
NNW	1.1	3.1	3.3	.6								8.1	6.5
VARBL													
CALM												12.9	
	19.4	29.5	29.3	8.8	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 830

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	4.0	1.9	1.3									7.3	4.0
NNE	1.0	1.1	.2									2.3	4.2
NE	.9	.7	.1									1.7	3.4
ENE	1.2	.2	.1									1.6	2.6
E	1.3	.6										1.9	3.1
ESE	.4	.9	.1									1.3	4.8
SE	1.1	1.1	.1									2.3	3.7
SSE	.9	.6		.2								1.7	4.8
S	2.9	3.0	1.0	.2								7.2	4.8
SSW	1.2	2.6	2.2	.8								6.5	6.2
SW	1.8	1.6	1.3	.1								4.9	5.0
WSW	1.5	1.9	.9	.2								4.5	5.2
W	2.2	4.0	5.2	1.2								12.7	6.7
WNW	1.3	3.5	4.0	.1								9.0	6.4
NW	1.9	3.9	4.1	.5								10.5	6.2
NNW	1.8	2.1	1.9	.2								6.1	5.6
VARBL													
CALM												18.5	
	25.5	29.8	22.8	3.4								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 821

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)

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — 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	2.3	1.4	1.2									4.8	4.5
NNE	1.6	1.0										2.5	2.7
NE	.2											.2	3.0
ENE	.6	.4	.2									1.2	4.0
E	.8	.6										1.4	3.4
ESE	.4	.2										.6	2.3
SE	.6	.2										.8	2.5
SSE	1.4	1.2										2.5	3.4
S	3.3	1.7	1.2	.2	.2							6.6	5.0
SSW	1.9	2.1	1.4									5.4	4.7
SW	1.2	1.0	.4									2.5	4.1
WSW	1.6	1.9	.2	.2								3.9	4.6
W	2.1	4.1	1.7									7.9	4.9
WNW	1.6	3.7	1.7	.6								7.6	5.7
NW	1.4	3.7	1.9	.2								7.2	5.7
NNW	1.0	2.5	1.9									5.4	5.8
VARBL													
CALM												39.5	
	21.7	25.6	11.8	1.2	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 516

USAFETAC FORM JUL 64 0-R-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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	4.2	4.2	1.6									10.0	4.1
NNE	1.0	2.1	.6									3.7	4.7
NE		.2	.2									.3	7.0
ENE	.5											.5	2.3
E													
ESE													
SE	.2											.2	1.0
SSE	1.0	.5										1.5	2.8
S	2.1	1.5	.5									4.0	3.8
SSW	1.8	1.5	.8	.3								4.4	4.8
SW	.8	1.6	.5									2.9	4.4
WSW	1.3	.2	.3	.2								1.9	4.4
W	2.3	3.1	2.4	.6								8.4	5.9
WNW	.8	2.9	1.3	.3	.2							5.5	6.1
NW	1.0	1.3	2.1	.3								4.7	6.4
NNW	1.1	1.8	.8	.3								4.0	5.8
VARBL													
CALM												48.1	
	17.9	20.6	11.1	2.1	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 620

USAFETAC FORM JUL 64 0-R-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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	5.4	3.9	2.2	.1								11.6	4.3
NNE	.9	2.7	.6									4.1	4.6
NE	.5	.9	.2									1.6	4.8
ENE		.4	.1									.5	5.0
E		.2	.1									.4	5.7
ESE	.1											.1	2.0
SE													
SSE	.5	.1										.6	2.8
S	1.7	1.6	.2	.4								3.9	4.6
SSW	2.4	1.6	1.0									5.0	4.2
SW	1.5	1.3	2.7	.1								5.6	6.2
WSW	1.0	2.2	1.8	.5								5.5	6.3
W	1.3	5.8	3.2	1.8								12.2	6.8
WNW	1.1	2.4	2.4	.7								6.7	6.8
NW	1.2	2.4	3.0	1.2								7.9	7.2
NNW	.4	2.4	3.2	1.1								7.1	7.7
VARBL													
CALM												27.3	
	17.9	28.0	20.8	6.0								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 821

USAFETAC FORM 5-8-5 (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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	2.6	4.2	2.5	.1								9.5	5.2
NNE	2.0	2.5	.4									4.9	4.2
NE	1.1	1.2										2.4	3.2
ENE	.7	.4	.1									1.2	3.9
E	.2	.4										.6	3.8
ESE	.2	.2										.5	3.0
SE		.2										.2	4.0
SSE	1.0	.6	.1									1.7	3.1
S	1.9	2.0	.7	.5								5.1	5.4
SSW	.9	3.0	.9	.2								5.0	5.4
SW	1.6	1.5	1.7	.7	.1							5.7	6.6
WSW	.6	1.6	2.2	.2								4.7	6.9
W	.9	5.7	5.1	2.5	.4							14.6	8.0
WNW	.6	2.7	4.5	1.0	.1							9.0	7.8
NW	.9	2.4	4.4	2.2	.4							10.2	8.5
NNW	1.2	3.1	3.0	1.6	.2							9.2	7.4
VARBL													
CALM												15.5	
	16.5	31.8	25.6	9.2	1.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 804

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	3.7	3.8	1.7									9.2	4.3
NNE	1.8	1.9	.4									4.1	3.9
NE	.5	.8	.1									1.4	3.9
ENE	.9	.5										1.4	3.1
E	.3	.4										.6	3.4
ESE	.1	.4										.5	4.5
SE	.4	.1										.5	2.8
SSE	.8	.3										1.0	2.6
S	1.7	1.3	.5									3.4	4.0
SSW	2.2	2.2	2.2	.3								6.8	5.4
SW	1.5	1.7	1.0	.5								4.7	5.3
WSW	1.9	2.7	1.0	.3								5.9	5.0
W	2.8	4.2	2.9	1.3								11.2	6.0
WNW	1.4	4.3	3.1	2.0	.1							11.0	7.4
NW	2.0	1.4	3.7	1.4								8.6	7.1
NNW	1.5	2.0	2.3	.6								6.5	6.4
VARBL													
CALM												23.1	
	23.5	28.0	18.9	6.4	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 783

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)

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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	4.1	5.2	1.5									10.9	4.2
NNE	1.1	1.3										2.4	3.8
NE	.9		.2									1.1	2.8
ENE													
E	.2	.2										.4	3.0
ESE													
SE	.7	.2										.9	2.5
SSE	.9	.7										1.5	2.9
S	1.5	.9										2.4	3.2
SSW	2.0	2.4	2.2	.2								6.8	5.4
SW	2.2	.9	.4									3.5	3.8
WSW	.7	.9	.4									2.0	4.7
W	2.6	4.4	1.5	1.1								9.6	5.6
WNW	2.4	2.2	2.0	1.1	.2							7.9	6.2
NW	2.2	2.0	.9	1.1								6.1	5.9
NNW	1.5	1.5	.9	.7								4.6	5.7
VARBL													
CALM												40.0	
	22.9	22.7	10.0	4.1	.2							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 458

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

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 the tables are presented by month and available 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.

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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.9	48.3	49.0	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	43.5	52.6	53.5	53.8	54.0	54.1	54.1	54.1	54.1	54.	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	43.6	52.8	53.7	54.0	54.1	54.3	54.3	54.3	54.3	54.	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	43.6	52.8	53.7	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	43.8	52.9	53.6	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	44.5	53.7	54.6	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	46.2	57.3	58.2	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	46.2	57.3	58.2	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	48.4	60.9	61.8	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 7000	50.2	63.1	64.3	64.6	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	50.5	63.9	65.1	65.5	66.1	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	51.6	65.1	66.4	66.9	67.5	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4500	51.7	65.2	66.6	67.0	67.6	67.9	67.9	67.9	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	52.8	67.0	68.4	68.8	69.7	70.0	70.0	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3500	53.7	68.8	70.2	70.6	71.5	71.8	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3000	55.2	71.7	73.2	73.6	74.8	75.1	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	56.2	73.5	75.1	76.0	77.4	77.7	77.8	77.8	77.8	78.3	78.3	78.3	78.6	78.6	78.6	78.6
GE 2000	56.8	75.4	77.4	78.4	79.9	80.5	81.0	81.3	81.3	81.9	82.0	82.0	82.5	82.5	82.5	82.5
GE 1800	57.0	75.6	77.5	78.6	80.1	80.7	81.1	81.4	81.4	82.0	82.2	82.2	82.6	82.6	82.6	82.6
GE 1500	57.4	76.5	78.4	79.5	81.0	81.6	82.5	83.1	83.1	83.7	83.8	83.8	84.6	84.6	84.6	84.6
GE 1200	57.4	76.9	79.0	80.5	82.0	82.6	83.7	84.4	84.6	85.3	85.5	85.5	86.2	86.2	86.2	86.2
GE 1000	57.4	77.7	79.8	81.3	83.2	83.8	85.3	86.5	86.7	87.9	88.3	88.3	89.2	89.2	89.4	89.4
GE 900	57.4	77.7	79.8	81.3	83.2	84.1	85.8	87.0	87.1	88.5	88.9	88.9	89.8	90.0	90.1	90.1
GE 800	57.4	78.0	80.1	81.7	83.8	84.7	86.5	87.7	87.9	89.5	90.1	90.1	91.0	91.2	91.3	91.3
GE 700	57.6	78.3	80.7	82.3	84.4	85.5	87.3	88.5	88.8	90.6	91.6	91.6	92.5	92.7	92.8	92.8
GE 600	57.6	78.3	80.7	82.3	84.4	85.5	87.3	88.6	88.9	91.0	92.2	92.2	93.3	93.4	93.6	93.6
GE 500	57.7	78.6	81.0	82.6	84.7	85.8	87.6	89.2	89.5	91.6	93.0	93.0	94.5	94.6	94.8	94.8
GE 400	57.7	78.6	81.1	82.8	84.9	85.9	87.7	89.4	89.7	91.8	93.1	93.1	94.9	95.1	95.2	95.2
GE 300	57.7	78.6	81.1	82.8	85.0	86.1	87.9	89.5	89.8	92.2	93.7	94.2	96.3	97.0	97.5	97.5
GE 200	57.7	78.6	81.1	82.8	85.0	86.1	87.9	89.5	89.8	92.5	94.0	94.6	97.3	98.1	98.8	99.0
GE 100	57.7	78.6	81.1	82.8	85.0	86.1	87.9	89.5	89.8	92.5	94.0	94.8	97.6	98.7	99.7	99.9
GE 0	57.7	78.6	81.1	82.8	85.0	86.1	87.9	89.5	89.8	92.5	94.0	94.8	97.6	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	51.2	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	54.5
GE 18000	51.3	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	54.7
GE 16000	51.3	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	54.7
GE 14000	51.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	53.4	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	55.4	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 9000	55.4	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	60.6
GE 8000	57.7	63.4	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	59.3	65.3	66.4	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
GE 6000	60.0	66.1	67.4	67.9	68.2	68.2	68.3	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	60.5	67.1	68.6	69.5	69.8	69.8	69.9	69.9	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 4500	61.2	67.8	69.2	70.1	70.6	70.8	70.9	70.9	70.9	71.1	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	62.0	69.6	71.1	72.0	72.5	72.7	72.8	72.8	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	63.4	72.0	73.7	74.7	75.2	75.4	75.5	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 3000	64.4	73.6	75.3	76.3	76.8	77.2	77.3	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	65.0	74.9	77.1	78.2	79.0	79.3	79.8	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6
GE 2000	65.5	76.2	78.6	79.8	80.6	81.1	81.8	82.1	82.2	82.6	82.8	82.9	83.0	83.1	83.1	83.1
GE 1800	65.8	76.4	78.9	80.0	80.9	81.3	82.0	82.3	82.4	82.8	83.0	83.1	83.2	83.3	83.3	83.3
GE 1500	65.9	77.3	80.3	81.4	82.3	82.9	83.9	84.8	84.9	85.3	85.6	85.7	86.0	86.1	86.1	86.1
GE 1200	65.9	77.6	80.9	82.0	83.1	83.7	84.8	85.7	85.9	86.7	87.0	87.1	87.5	87.6	87.6	87.6
GE 1000	66.0	78.3	81.8	83.1	84.7	85.6	87.1	88.1	88.6	89.4	89.7	89.8	90.2	90.3	90.3	90.3
GE 900	66.1	78.5	82.0	83.3	85.0	85.9	87.5	88.5	88.9	90.0	90.4	90.5	90.9	91.1	91.1	91.1
GE 800	66.2	78.6	82.1	83.6	85.3	86.6	88.1	89.5	89.9	91.3	91.7	91.8	92.4	92.5	92.5	92.5
GE 700	66.2	78.9	82.3	83.8	85.9	87.2	88.9	90.3	90.8	92.3	92.7	92.8	93.4	93.5	93.5	93.5
GE 600	66.2	78.9	82.3	83.8	86.0	87.5	89.4	90.7	91.3	92.8	93.4	93.5	94.2	94.3	94.3	94.3
GE 500	66.2	78.9	82.3	83.8	86.1	87.6	89.5	91.2	91.7	93.5	94.1	94.2	95.3	95.4	95.4	95.4
GE 400	66.2	78.9	82.3	83.8	86.2	87.7	89.8	91.6	92.3	94.4	95.1	95.2	96.8	97.2	97.2	97.2
GE 300	66.3	79.0	82.4	83.9	86.4	87.8	90.0	91.8	92.5	94.6	95.3	95.4	97.2	97.7	97.9	97.9
GE 200	66.3	79.0	82.4	83.9	86.4	87.8	90.0	91.8	92.5	94.9	95.5	95.6	97.7	98.1	98.8	99.4
GE 100	66.3	79.0	82.4	83.9	86.4	87.8	90.0	91.8	92.5	94.9	95.5	95.6	97.9	98.3	99.1	100.0
GE 0	66.3	79.0	82.4	83.9	86.4	87.8	90.0	91.8	92.5	94.9	95.5	95.6	97.9	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	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
GE 20000	50.5	53.3	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	53.7
GE 18000	50.5	53.3	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	53.7
GE 16000	50.5	53.3	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	53.7
GE 14000	50.5	53.4	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	53.8
GE 12000	53.0	56.0	56.4	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
GE 10000	54.2	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	54.4	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000	57.3	63.4	63.7	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
GE 7000	58.3	64.7	65.3	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
GE 6000	58.5	65.0	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	59.0	65.5	66.6	67.0	67.2	67.2	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	59.5	66.2	67.2	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 4000	61.5	69.5	70.7	71.2	71.5	71.6	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
GE 3500	63.2	72.0	73.2	73.8	74.1	74.2	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0
GE 3000	65.5	75.3	76.6	77.3	77.9	78.0	78.8	79.1	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	66.6	77.5	79.2	80.3	81.5	81.6	82.4	82.7	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	67.2	79.3	81.2	82.6	84.0	84.1	85.3	85.6	85.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	67.5	79.7	81.6	82.9	84.3	84.4	85.6	86.0	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	67.7	80.1	82.7	84.4	86.1	86.2	87.7	88.1	88.1	88.5	88.8	88.8	88.9	88.9	88.9	88.9
GE 1200	67.7	80.7	83.4	85.3	87.2	87.3	88.8	89.3	89.3	89.7	90.1	90.1	90.2	90.2	90.2	90.2
GE 1000	67.8	81.0	83.7	85.6	87.8	87.9	89.9	90.6	90.7	91.6	92.1	92.1	92.2	92.2	92.2	92.2
GE 900	67.9	81.1	84.3	86.4	88.6	88.7	90.8	91.5	91.6	92.5	93.0	93.0	93.1	93.1	93.1	93.1
GE 800	67.9	81.1	84.4	86.6	88.9	89.0	91.2	92.2	92.3	93.6	94.0	94.0	94.2	94.2	94.2	94.2
GE 700	67.9	81.1	84.4	86.6	88.9	89.2	91.3	92.3	92.5	93.8	94.5	94.5	94.9	94.9	94.9	94.9
GE 600	67.9	81.1	84.4	86.6	89.0	89.3	91.4	92.5	92.8	94.0	94.7	94.7	95.1	95.1	95.1	95.1
GE 500	67.9	81.1	84.4	86.6	89.0	89.3	91.4	92.7	92.9	94.2	94.9	94.9	95.7	95.8	96.2	96.3
GE 400	67.9	81.1	84.4	86.6	89.3	89.5	91.9	93.1	93.3	94.7	96.0	96.0	96.9	97.3	97.7	98.1
GE 300	67.9	81.1	84.4	86.6	89.3	89.5	92.0	93.2	93.4	94.8	96.3	96.3	97.4	97.7	98.4	98.8
GE 200	67.9	81.1	84.4	86.6	89.3	89.5	92.0	93.2	93.4	94.8	96.3	96.3	97.9	98.2	99.0	99.7
GE 100	67.9	81.1	84.4	86.6	89.3	89.5	92.0	93.2	93.4	94.8	96.3	96.3	97.9	98.2	99.2	100.0
GE 0	67.9	81.1	84.4	86.6	89.3	89.5	92.0	93.2	93.4	94.8	96.3	96.3	97.9	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	51.0	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	53.7	53.7
GE 18000	51.6	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	54.2
GE 16000	51.6	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	54.2
GE 14000	51.6	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	54.6	54.6
GE 12000	52.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	54.5	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
GE 9000	54.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 8000	57.6	63.2	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	58.2	64.3	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	58.4	64.7	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	58.8	65.5	66.4	66.6	66.7	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2
GE 4500	59.4	66.2	67.1	67.3	67.4	67.5	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0
GE 4000	61.1	68.8	70.0	70.2	70.4	70.5	70.8	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 3500	63.2	72.2	73.6	73.9	74.5	74.6	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2
GE 3000	66.6	77.1	78.7	79.3	80.1	80.3	80.9	81.0	81.0	81.5	81.6	81.6	81.7	81.7	81.7	81.7
GE 2500	67.5	79.2	80.8	81.6	82.8	83.0	83.6	83.7	83.7	84.2	84.4	84.4	84.5	84.5	84.5	84.5
GE 2000	68.6	80.7	82.5	83.7	85.2	85.4	86.0	86.3	86.3	86.7	87.0	87.0	87.1	87.1	87.1	87.1
GE 1800	68.7	80.9	82.8	83.9	85.6	85.9	86.6	86.8	86.8	87.3	87.5	87.5	87.7	87.7	87.7	87.7
GE 1500	69.0	81.8	83.7	85.3	87.2	87.7	88.5	88.8	88.8	89.5	89.8	89.8	89.9	89.9	89.9	89.9
GE 1200	69.0	82.3	84.6	86.3	88.7	89.3	90.2	90.6	90.6	91.3	91.5	91.5	91.6	91.6	91.6	91.6
GE 1000	69.0	82.4	84.7	86.5	89.2	89.8	90.8	91.2	91.2	92.3	92.9	92.9	93.2	93.2	93.2	93.2
GE 900	69.0	82.4	85.0	87.0	89.6	90.2	91.3	92.0	92.0	93.2	93.8	93.8	94.3	94.3	94.3	94.3
GE 800	69.0	82.4	85.0	87.2	90.0	90.6	91.7	92.4	92.4	93.7	94.3	94.3	94.8	94.8	94.8	94.8
GE 700	69.0	82.4	85.0	87.2	90.1	90.7	92.0	92.8	92.8	94.2	94.8	94.8	95.2	95.6	95.8	95.8
GE 600	69.0	82.4	85.1	87.3	90.2	90.8	92.1	93.0	93.0	94.4	95.0	95.0	95.6	95.9	96.2	96.2
GE 500	69.0	82.4	85.1	87.3	90.2	90.8	92.1	93.0	93.0	94.4	95.0	95.1	96.0	96.4	97.0	97.0
GE 400	69.0	82.4	85.1	87.3	90.2	90.8	92.1	93.1	93.1	94.5	95.1	95.3	96.7	97.1	97.8	97.9
GE 300	69.0	82.4	85.1	87.3	90.2	90.8	92.1	93.1	93.1	94.5	95.2	95.5	97.1	97.4	98.3	98.5
GE 200	69.0	82.4	85.1	87.3	90.2	90.8	92.1	93.1	93.1	94.5	95.2	95.5	97.4	97.8	98.8	99.7
GE 100	69.0	82.4	85.1	87.3	90.2	90.8	92.1	93.1	93.1	94.5	95.2	95.5	97.4	97.8	98.8	99.9
GE 0	69.0	82.4	85.1	87.3	90.2	90.8	92.1	93.1	93.1	94.5	95.2	95.5	97.4	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	54.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	55.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	55.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5
GE 14000	55.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	56.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	58.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	58.2	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	60.1	71.8	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000	60.9	73.1	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	61.3	73.5	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2
GE 5000	61.8	74.4	75.4	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5
GE 4500	62.2	76.0	76.9	77.5	77.9	77.9	77.9	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	63.0	78.6	79.6	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9
GE 3500	64.1	81.3	82.3	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	64.3	83.0	84.5	85.1	85.5	85.7	86.1	86.1	86.1	86.6	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	65.1	84.5	86.3	86.8	87.4	87.6	88.0	88.2	88.2	88.7	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	65.5	86.3	88.0	88.7	89.5	89.7	90.3	90.6	90.6	91.2	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	65.5	86.3	88.0	88.7	89.7	89.9	90.5	90.8	90.8	91.4	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	65.5	87.0	88.7	90.1	91.8	92.0	92.7	93.1	93.1	93.7	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	65.6	87.2	88.9	90.3	92.2	92.4	93.3	93.7	93.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	66.2	87.8	89.5	90.6	92.7	92.9	94.1	94.5	94.5	95.0	95.4	95.4	96.2	96.2	96.2	96.2
GE 900	66.2	87.8	89.7	91.2	93.1	93.3	94.5	94.8	94.8	95.4	95.8	95.8	96.6	96.6	96.6	96.6
GE 800	66.2	87.8	89.7	91.2	93.1	93.3	94.5	94.8	94.8	95.4	95.8	95.8	96.6	96.6	96.6	96.6
GE 700	66.2	87.8	89.7	91.2	93.1	93.3	94.5	94.8	94.8	96.0	96.4	96.4	97.1	97.1	97.1	97.1
GE 600	66.2	88.0	89.9	91.4	93.3	93.5	94.7	95.0	95.0	96.2	96.6	96.6	97.3	97.3	97.3	97.3
GE 500	66.2	88.2	90.1	91.6	93.5	93.7	94.8	95.4	95.4	96.6	96.9	97.1	97.9	97.9	97.9	98.1
GE 400	66.2	88.2	90.1	91.6	93.5	93.7	95.2	95.8	95.8	96.9	97.3	97.7	98.5	98.5	98.5	98.7
GE 300	66.2	88.2	90.1	91.6	93.5	93.7	95.2	95.8	95.8	96.9	97.3	97.7	98.7	98.7	98.7	98.9
GE 200	66.2	88.2	90.1	91.6	93.5	93.7	95.2	95.8	95.8	96.9	97.3	97.7	99.0	99.0	99.4	99.6
GE 100	66.2	88.2	90.1	91.6	93.5	93.7	95.2	95.8	95.8	96.9	97.3	97.7	99.0	99.0	99.6	100.0
GE 0	66.2	88.2	90.1	91.6	93.5	93.7	95.2	95.8	95.8	96.9	97.3	97.7	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.8	50.2	50.4	50.4	50.9	51.2	51.2	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.7	51.7
GE 20000	44.4	55.3	55.6	56.0	57.0	57.6	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9	58.1	58.1
GE 18000	44.4	55.3	55.6	56.0	57.0	57.6	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9	58.1	58.1
GE 16000	44.4	55.5	55.8	56.1	57.1	57.8	57.8	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.3	58.3
GE 14000	44.5	55.8	56.1	56.5	57.4	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.6	58.6
GE 12000	45.0	57.1	57.4	57.8	58.8	59.4	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.9	59.9
GE 10000	47.6	60.4	60.7	61.0	62.0	62.7	62.7	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.2	63.2
GE 9000	48.1	61.0	61.5	61.9	62.8	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	64.0	64.0
GE 8000	48.9	63.2	63.7	64.0	65.0	65.6	65.6	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.3	66.3
GE 7000	49.8	64.5	65.3	65.6	66.6	67.3	67.3	67.4	67.4	67.4	67.8	67.8	67.8	67.8	67.9	67.9
GE 6000	49.9	64.6	65.5	65.8	66.8	67.4	67.4	67.6	67.6	67.6	67.9	67.9	67.9	67.9	68.1	68.1
GE 5000	51.2	67.6	68.4	68.7	69.9	70.5	70.5	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.2	71.2
GE 4500	51.2	67.8	68.6	68.9	70.0	70.7	70.7	70.9	70.9	70.9	71.4	71.4	71.4	71.4	71.5	71.5
GE 4000	52.2	69.4	70.2	70.5	71.7	72.3	72.3	72.5	72.5	72.5	73.0	73.0	73.0	73.0	73.5	73.5
GE 3500	52.5	71.0	72.0	72.3	73.5	74.1	74.1	74.5	74.5	74.5	75.0	75.0	75.0	75.0	75.5	75.5
GE 3000	52.9	72.7	74.0	74.5	75.6	76.3	76.3	76.6	76.6	76.8	77.3	77.3	77.3	77.3	77.7	77.7
GE 2500	54.3	75.1	76.6	77.1	78.6	79.2	79.2	79.5	79.5	79.9	80.4	80.4	80.4	80.4	80.9	80.9
GE 2000	54.3	75.8	77.6	78.1	79.9	80.5	80.7	81.0	81.0	81.3	81.8	81.8	81.8	81.8	82.3	82.3
GE 1800	54.3	76.1	77.9	78.4	80.2	80.9	81.0	81.3	81.3	81.7	82.2	82.2	82.2	82.2	82.7	82.7
GE 1500	54.3	76.4	78.2	78.7	80.9	81.7	81.8	82.3	82.3	82.7	83.1	83.1	83.1	83.1	83.6	83.6
GE 1200	54.3	76.8	78.9	79.4	81.5	82.3	82.5	83.0	83.0	83.3	83.8	83.8	83.8	83.8	84.3	84.3
GE 1000	54.3	76.9	79.2	79.9	82.2	83.0	83.6	84.5	84.5	84.8	85.4	85.4	86.1	86.1	86.6	86.6
GE 900	54.3	76.9	79.4	80.0	82.5	83.3	84.0	85.1	85.1	85.4	86.1	86.1	86.7	86.7	87.2	87.2
GE 800	54.3	76.9	79.5	80.2	82.7	83.5	84.3	85.9	85.9	86.7	87.7	87.7	88.4	88.4	88.9	88.9
GE 700	54.3	77.1	79.7	80.4	82.8	83.6	84.5	86.3	86.3	87.1	88.2	88.2	89.0	89.0	89.5	89.5
GE 600	54.3	77.3	80.0	81.0	83.6	84.6	85.8	87.6	87.6	88.5	89.7	89.9	90.7	90.8	91.3	91.3
GE 500	54.3	77.3	80.0	81.0	83.8	84.8	86.3	88.1	88.1	89.2	90.3	90.8	91.7	92.1	93.1	93.3
GE 400	54.3	77.4	80.2	81.3	84.5	85.4	87.4	89.7	89.7	90.8	92.3	92.8	93.6	94.1	95.3	95.7
GE 300	54.3	77.4	80.2	81.3	84.5	85.4	87.7	90.0	90.0	91.8	93.9	94.4	95.4	95.9	97.2	97.7
GE 200	54.3	77.4	80.2	81.3	84.5	85.4	87.7	90.0	90.0	92.1	94.4	94.9	96.4	96.9	98.5	99.0
GE 100	54.3	77.4	80.2	81.3	84.5	85.4	87.7	90.0	90.0	92.1	94.4	94.9	96.4	96.9	99.0	99.8
GE 0	54.3	77.4	80.2	81.3	84.5	85.4	87.7	90.0	90.0	92.1	94.4	94.9	96.4	96.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.1	48.5	48.8	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	49.4	55.3	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
GE 18000	49.4	55.3	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
GE 16000	50.0	55.9	56.6	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	50.2	56.4	57.1	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 12000	51.6	58.2	58.9	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	55.5	63.0	63.9	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	55.6	63.1	64.1	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	57.0	65.3	66.4	66.9	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	57.6	66.9	68.0	68.5	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	57.8	67.4	68.5	69.1	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	58.7	68.8	69.9	70.5	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	58.8	68.9	70.0	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	61.5	72.2	73.3	74.2	74.8	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	61.9	73.3	74.4	75.3	75.9	76.0	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	63.2	75.4	76.8	77.9	78.6	78.7	78.9	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 2500	63.7	76.7	78.4	79.6	80.3	80.4	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	81.1
GE 2000	64.3	77.9	80.2	81.7	82.6	83.0	83.1	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.6
GE 1800	64.7	78.2	80.7	82.2	83.1	83.5	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 1500	64.8	78.6	81.2	82.8	84.0	84.4	84.7	84.8	84.8	85.5	85.5	85.5	85.5	85.5	85.6	85.7
GE 1200	64.8	78.6	81.3	82.9	84.4	84.7	85.5	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.3	86.4
GE 1000	64.8	78.7	81.5	83.1	84.6	85.0	86.2	86.6	86.6	87.5	87.7	87.8	87.9	87.9	88.0	88.1
GE 900	64.8	78.7	81.5	83.3	84.7	85.1	86.4	86.8	86.9	87.9	88.0	88.1	88.3	88.3	88.4	88.5
GE 800	64.8	79.1	81.9	83.6	85.1	85.5	86.9	87.5	87.7	88.8	89.0	89.1	89.5	89.5	89.6	89.7
GE 700	64.8	79.2	82.2	83.9	85.5	85.8	87.3	88.1	88.3	89.6	89.9	90.0	90.3	90.3	90.5	90.6
GE 600	64.8	79.6	82.9	84.7	86.4	86.8	88.5	89.5	89.6	91.0	91.2	91.3	92.3	92.5	92.8	92.9
GE 500	64.8	79.6	82.9	84.8	86.8	87.2	89.0	90.0	90.1	91.6	91.8	91.9	93.3	93.9	94.1	94.3
GE 400	64.8	79.6	82.9	84.8	87.2	87.8	89.6	90.7	90.8	92.4	92.7	92.8	94.6	95.4	95.7	96.2
GE 300	64.8	79.6	82.9	84.8	87.2	87.9	89.7	91.0	91.1	93.0	93.3	93.4	95.6	96.5	97.3	97.8
GE 200	64.8	79.6	82.9	84.8	87.2	87.9	89.7	91.1	91.2	93.2	93.4	93.5	96.1	96.9	98.2	99.1
GE 100	64.8	79.6	82.9	84.8	87.2	87.9	89.7	91.1	91.2	93.2	93.5	93.6	96.3	97.2	98.7	99.6
GE 0	64.8	79.6	82.9	84.8	87.2	87.9	89.7	91.1	91.2	93.2	93.5	93.6	96.3	97.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.6	48.3	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	52.3	55.4	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	56.5
GE 18000	52.7	55.8	56.6	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
GE 16000	52.9	56.0	56.9	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
GE 14000	53.7	56.8	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 12000	54.9	58.5	59.3	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
GE 10000	57.9	61.7	62.9	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
GE 9000	58.6	62.4	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	60.6	64.9	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	60.7	65.2	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	60.8	65.6	67.0	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
GE 5000	61.4	66.3	67.9	68.2	68.3	68.4	68.4	68.4	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8
GE 4500	61.5	66.6	68.2	68.4	68.6	68.7	68.7	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0
GE 4000	63.3	68.9	70.8	71.5	71.7	71.9	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2
GE 3500	64.9	71.5	73.5	74.2	74.4	74.6	74.6	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9
GE 3000	68.1	76.4	79.0	79.7	80.0	80.1	80.1	80.1	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5
GE 2500	68.8	78.6	81.3	82.2	82.4	82.6	82.6	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0
GE 2000	69.0	79.4	82.1	83.4	83.9	84.0	84.5	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1
GE 1800	69.3	79.6	82.3	83.7	84.2	84.3	84.8	84.9	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4
GE 1500	69.3	79.9	82.7	84.2	84.6	84.8	85.3	85.4	85.5	85.7	85.7	85.9	86.0	86.0	86.0	86.0
GE 1200	69.3	80.0	82.9	84.5	85.5	85.7	86.6	86.7	86.9	87.1	87.1	87.2	87.3	87.3	87.3	87.3
GE 1000	69.3	80.1	83.4	85.1	86.2	86.5	87.8	88.3	88.5	88.9	88.9	89.1	89.3	89.3	89.3	89.3
GE 900	69.3	80.2	83.7	85.4	86.7	87.0	88.3	88.9	89.1	89.6	89.6	89.7	89.9	89.9	89.9	89.9
GE 800	69.3	80.2	83.8	85.6	87.0	87.3	88.7	89.6	89.7	90.2	90.4	90.7	90.9	90.9	90.9	90.9
GE 700	69.3	80.2	83.8	85.6	87.1	87.5	88.8	89.7	90.0	90.5	90.9	91.2	91.8	91.8	91.8	91.8
GE 600	69.3	80.2	83.8	86.2	87.7	88.2	89.7	90.8	91.2	91.9	92.3	92.6	93.6	93.6	93.6	93.6
GE 500	69.3	80.2	83.9	86.9	88.6	89.1	90.5	91.6	92.3	93.1	93.7	94.2	95.5	95.6	95.6	95.6
GE 400	69.3	80.2	83.9	86.9	88.6	89.1	90.5	91.6	92.4	93.2	93.9	94.3	96.1	96.2	96.2	96.6
GE 300	69.3	80.2	83.9	86.9	88.6	89.2	90.7	91.8	92.5	93.7	94.7	95.2	97.3	97.4	97.7	98.2
GE 200	69.3	80.2	83.9	86.9	88.6	89.2	90.7	91.8	92.5	94.0	95.3	95.8	98.4	98.5	98.8	99.3
GE 100	69.3	80.2	83.9	86.9	88.6	89.2	90.7	91.8	92.5	94.0	95.5	95.9	98.5	98.6	99.0	99.6
GE 0	69.3	80.2	83.9	86.9	88.6	89.2	90.7	91.8	92.5	94.0	95.5	95.9	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	56.4	58.6	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 18000	56.6	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	56.6	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 14000	56.9	59.2	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
GE 12000	58.2	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	60.4	63.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	61.2	64.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	63.1	66.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	63.5	67.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	63.6	67.6	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	64.0	68.9	70.2	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	64.0	69.2	70.5	70.7	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	66.3	71.7	73.2	73.6	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	68.1	73.9	75.5	76.3	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	69.9	77.3	79.3	80.3	80.8	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	70.8	80.2	82.6	83.7	84.2	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	70.8	80.8	83.6	84.4	85.6	85.9	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	70.8	80.8	83.6	85.1	85.9	86.1	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	70.8	80.9	83.7	85.2	86.0	86.4	86.9	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1200	70.8	80.9	84.0	85.6	87.5	87.9	88.5	88.9	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 1000	71.0	81.3	84.5	86.1	88.1	88.5	89.3	89.6	89.9	90.5	90.5	90.5	90.8	90.8	90.8	90.8
GE 900	71.0	81.3	84.5	86.6	88.6	89.0	89.9	90.5	90.8	91.4	91.4	91.4	91.7	91.7	91.7	91.7
GE 800	71.0	81.7	84.8	87.0	89.0	89.4	90.3	91.0	91.3	91.9	92.0	92.0	92.3	92.3	92.3	92.3
GE 700	71.0	81.7	84.8	87.1	89.3	89.6	90.7	91.4	91.7	92.4	92.6	92.6	92.9	92.9	92.9	92.9
GE 600	71.0	81.7	84.8	87.1	89.4	89.9	91.2	92.2	92.4	93.3	93.4	93.4	94.1	94.1	94.1	94.1
GE 500	71.0	81.7	84.8	87.2	89.5	90.0	91.3	92.6	92.8	94.1	94.3	94.3	94.9	95.3	95.3	95.5
GE 400	71.0	81.7	84.8	87.2	89.8	90.3	91.7	92.9	93.2	94.6	94.8	94.8	95.7	96.2	96.3	96.5
GE 300	71.0	81.7	84.8	87.2	89.9	90.4	91.8	93.2	93.4	95.3	96.1	96.1	97.1	97.6	97.7	98.0
GE 200	71.0	81.7	84.8	87.2	89.9	90.4	91.8	93.3	93.6	95.5	96.6	96.6	97.9	98.6	98.9	99.4
GE 100	71.0	81.7	84.8	87.2	89.9	90.4	91.8	93.3	93.6	95.5	96.8	96.8	98.1	98.9	99.4	99.9
GE 0	71.0	81.7	84.8	87.2	89.9	90.4	91.8	93.3	93.6	95.5	96.8	96.8	98.1	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

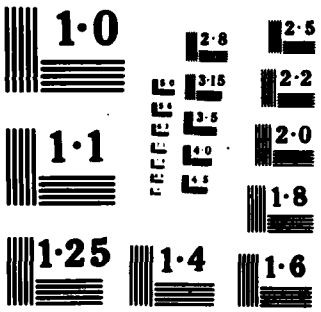
PERIOD OF RECORD: [illegible]
MONTH: FEB HOURS: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.3	56.7	56.9	57.3	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	55.1	63.3	63.5	63.9	64.3	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	55.1	63.3	63.5	63.9	64.3	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	55.1	63.3	63.5	63.9	64.3	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	55.1	63.7	63.9	64.3	64.7	64.7	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	56.3	65.1	65.3	65.7	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	59.3	68.5	68.7	69.3	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	59.7	69.1	69.3	69.9	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 8000	61.3	71.5	71.9	72.5	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	61.7	71.9	72.3	72.9	73.5	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	61.7	72.1	72.5	73.1	73.7	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	61.9	73.3	74.1	74.7	75.4	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	61.9	74.3	75.2	75.8	76.4	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4000	63.9	77.0	77.8	78.4	79.0	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	64.5	78.0	78.8	79.4	80.0	80.2	80.2	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	66.1	80.2	81.2	81.8	82.4	82.6	82.6	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	66.7	81.0	82.8	83.6	84.4	84.6	84.6	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	66.7	81.8	84.0	84.8	85.6	85.8	85.8	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	66.7	81.8	84.0	84.8	85.6	85.8	85.8	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	66.7	82.2	84.8	85.6	86.4	87.0	87.4	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	66.7	82.2	84.8	85.6	86.8	87.4	87.8	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	66.7	82.2	84.8	85.6	86.8	87.4	87.8	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	66.7	82.4	85.0	86.2	87.4	88.0	88.4	89.6	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	66.7	82.4	85.0	86.2	87.4	88.0	89.0	90.2	90.2	90.8	91.2	91.2	91.2	91.2	91.2	91.6
GE 700	66.7	82.6	85.2	86.4	87.6	88.2	89.2	90.4	90.4	91.0	91.6	91.6	92.0	92.0	92.0	92.4
GE 600	66.7	82.8	85.4	86.6	88.0	88.6	89.8	91.0	91.0	91.6	92.2	92.2	92.8	92.8	93.8	93.2
GE 500	66.7	82.8	85.4	86.6	88.4	89.0	90.4	91.6	91.6	92.2	93.0	93.0	93.6	93.6	93.8	94.2
GE 400	66.7	82.8	85.4	86.6	88.4	89.0	90.6	92.0	92.0	93.0	94.0	94.0	94.6	94.6	95.2	95.6
GE 300	66.7	82.8	85.4	86.6	88.6	89.2	90.8	92.4	92.4	93.6	95.0	95.2	96.6	96.8	98.0	98.4
GE 200	66.7	82.8	85.4	86.6	88.6	89.2	90.8	92.4	92.4	93.8	95.4	95.8	97.4	97.8	99.0	99.4
GE 100	66.7	82.8	85.4	86.6	88.8	89.4	91.0	92.6	92.6	94.0	95.6	96.0	97.6	98.0	99.2	99.6
GE 0	66.7	82.8	85.4	86.6	88.8	89.4	91.0	92.6	92.6	94.0	95.8	96.2	97.8	98.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 499

AD-A159 841 FORT DEVENS AAF MASSACHUSETTS LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 2/4

UNCLASSIFIED JUL 85 USAFETAC/DS-85/027 F/G 4/2 NL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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.6	43.7	44.5	44.9	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.6	45.6
GE 20000	44.5	50.2	51.0	51.4	51.8	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.1	52.1
GE 18000	44.7	50.5	51.3	51.7	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.4	52.4
GE 16000	44.7	50.7	51.6	52.0	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6
GE 14000	45.3	51.4	52.2	52.6	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3
GE 12000	46.4	52.8	53.6	54.0	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.7	54.7
GE 10000	49.1	56.3	57.1	57.5	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.2	58.2
GE 9000	49.5	57.2	58.0	58.4	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.4
GE 8000	50.9	59.2	60.2	60.6	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.7	61.7
GE 7000	51.7	60.5	61.5	61.9	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.2	63.2
GE 6000	52.2	61.1	62.2	62.6	63.3	63.3	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	64.0	64.0
GE 5000	53.0	62.5	63.6	64.0	64.8	64.8	65.2	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7
GE 4500	53.7	63.3	64.4	64.9	65.9	65.9	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.8	66.8
GE 4000	54.3	64.6	65.7	66.3	67.5	67.5	68.0	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 3500	55.7	66.9	68.2	69.0	70.2	70.2	70.7	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.4	71.4
GE 3000	57.8	70.0	71.4	72.2	73.4	73.4	74.0	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.8	74.8
GE 2500	58.3	71.1	72.5	73.3	74.5	74.5	75.0	75.6	75.6	76.1	76.1	76.1	76.1	76.1	76.2	76.2
GE 2000	58.4	72.2	73.7	74.6	76.1	76.2	76.9	77.6	77.6	78.1	78.3	78.3	78.4	78.4	78.5	78.5
GE 1800	58.6	72.5	74.0	74.9	76.5	76.7	77.3	78.1	78.1	78.7	78.8	78.8	78.9	78.9	79.1	79.1
GE 1500	58.6	73.4	75.2	76.2	78.1	78.4	79.1	79.9	79.9	80.4	80.6	80.6	80.7	80.7	80.8	80.8
GE 1200	58.7	73.8	76.0	77.1	78.9	79.4	80.0	80.8	80.8	81.4	81.5	81.5	81.6	81.6	81.8	81.8
GE 1000	58.7	74.4	76.8	78.0	80.4	80.8	81.5	82.6	82.6	83.4	83.5	83.7	83.8	83.8	83.9	83.9
GE 900	58.7	74.9	77.5	78.7	81.5	81.9	82.9	83.9	83.9	85.0	85.2	85.3	85.4	85.4	85.6	85.6
GE 800	59.1	75.3	78.5	80.0	83.0	83.4	84.3	85.6	85.6	86.9	87.0	87.2	87.6	87.6	87.7	87.7
GE 700	59.1	75.7	78.9	80.4	83.5	84.2	85.8	87.2	87.2	88.5	88.7	88.8	89.2	89.2	89.3	89.3
GE 600	59.1	75.7	79.2	80.7	84.2	85.0	87.6	88.9	88.9	90.6	90.7	91.0	91.8	91.8	91.9	92.0
GE 500	59.1	75.7	79.2	81.0	84.5	85.3	88.1	89.7	89.7	91.6	91.8	92.2	93.1	93.3	93.5	93.8
GE 400	59.1	75.7	79.2	81.1	84.6	85.6	88.7	90.3	90.4	92.7	93.0	93.4	94.7	94.9	95.1	95.4
GE 300	59.1	75.7	79.2	81.1	84.9	85.8	89.3	91.2	91.4	94.2	94.6	95.0	96.9	97.0	97.4	97.8
GE 200	59.1	75.7	79.2	81.1	84.9	85.8	89.5	91.5	91.8	94.6	95.1	95.5	97.7	98.1	98.8	99.2
GE 100	59.1	75.7	79.2	81.1	84.9	85.8	89.5	91.5	91.8	94.6	95.1	95.5	97.7	98.1	99.1	99.7
GE 0	59.1	75.7	79.2	81.1	84.9	85.8	89.5	91.5	91.8	94.6	95.1	95.5	97.7	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.1	44.5	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	46.7	50.2	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	46.9	50.4	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
GE 16000	46.9	50.4	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
GE 14000	47.5	50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	47.9	51.5	51.9	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
GE 10000	50.7	55.0	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 9000	50.9	55.6	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	56.1
GE 8000	53.8	59.8	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
GE 7000	54.2	60.2	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 6000	54.7	61.0	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	55.1	62.4	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 4500	56.0	63.5	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4000	57.3	65.2	66.2	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500	59.5	68.1	69.4	69.6	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 3000	62.1	71.7	73.5	73.7	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2500	63.5	74.8	76.9	77.2	77.5	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2000	64.1	76.4	78.5	79.0	79.5	79.5	80.0	80.3	80.3	80.3	80.3	80.3	80.5	80.6	80.6	80.6
GE 1800	64.3	76.6	78.8	79.4	79.8	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.9	81.0	81.0	81.0
GE 1500	64.6	78.6	81.0	81.5	81.9	81.9	82.7	83.2	83.2	83.2	83.2	83.2	83.5	83.6	83.6	83.6
GE 1200	64.8	79.6	82.2	82.9	83.7	83.7	84.5	85.3	85.3	85.3	85.3	85.3	85.5	85.6	85.6	85.6
GE 1000	64.8	79.9	82.5	83.4	84.4	84.5	85.7	86.6	86.7	86.8	86.9	86.9	87.1	87.5	87.5	87.5
GE 900	65.0	80.2	82.8	83.9	85.0	85.2	86.4	87.2	87.4	87.6	87.7	87.8	88.0	88.3	88.3	88.3
GE 800	65.0	80.3	83.0	84.3	85.4	85.6	86.9	87.8	88.0	88.3	88.4	88.5	88.8	89.1	89.1	89.1
GE 700	65.0	80.3	83.0	84.5	86.3	86.6	88.1	89.0	89.3	89.6	89.7	89.8	90.1	90.4	90.4	90.4
GE 600	65.0	80.3	83.0	84.8	86.5	87.0	89.1	90.1	90.4	90.8	90.9	91.0	91.6	91.9	91.9	91.9
GE 500	65.0	80.5	83.5	85.2	87.0	88.0	90.4	91.6	92.0	92.6	92.8	93.1	93.9	94.3	94.4	94.4
GE 400	65.0	80.5	83.5	85.2	87.4	88.3	91.1	92.4	93.0	93.7	94.2	94.6	95.5	95.8	95.9	95.9
GE 300	65.0	80.6	83.6	85.3	87.7	88.6	91.7	93.1	93.6	94.5	95.4	95.8	96.8	97.3	97.4	97.5
GE 200	65.0	80.8	83.7	85.4	87.8	88.8	91.9	93.4	93.9	95.0	95.9	96.4	97.9	98.6	98.8	98.9
GE 100	65.0	80.8	83.7	85.4	87.8	88.8	91.9	93.4	93.9	95.0	96.1	96.6	98.4	99.0	99.6	99.9
GE 0	65.0	80.8	83.7	85.4	87.8	88.8	91.9	93.4	93.9	95.0	96.1	96.6	98.4	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.8	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	46.7	48.9	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
GE 18000	46.9	49.1	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
GE 16000	46.9	49.1	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
GE 14000	47.5	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 12000	48.4	50.6	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	50.9
GE 10000	50.9	53.8	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
GE 9000	50.9	53.8	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
GE 8000	52.7	56.7	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
GE 7000	53.8	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	58.5
GE 6000	54.0	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 5000	54.8	59.6	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	60.2
GE 4500	55.3	60.3	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 4000	58.8	64.6	65.2	65.3	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3500	61.5	67.9	68.7	68.8	68.9	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 3000	66.4	74.3	75.2	75.3	75.4	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2500	67.4	76.5	77.5	77.8	78.0	78.1	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	68.6	79.3	80.6	81.3	81.5	81.8	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	68.8	79.5	81.0	81.8	82.0	82.4	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	69.1	80.6	82.6	83.6	84.0	84.4	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
GE 1200	69.1	81.1	84.0	85.2	86.0	86.5	87.4	87.8	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1
GE 1000	69.1	81.6	84.6	85.9	87.0	87.6	88.7	89.3	89.3	89.4	89.6	89.6	89.7	89.7	89.8	89.8
GE 900	69.1	81.6	84.7	86.0	87.1	87.8	88.8	89.4	89.4	89.5	89.8	89.8	89.9	89.9	90.0	90.0
GE 800	69.1	81.8	84.9	86.3	87.4	88.2	89.5	90.0	90.0	90.1	90.6	90.6	90.7	90.7	90.8	90.8
GE 700	69.1	81.9	85.0	87.2	89.2	90.4	91.9	92.5	92.8	93.0	93.4	93.4	93.5	93.5	93.7	93.7
GE 600	69.1	82.1	85.3	87.4	89.7	91.1	92.7	93.7	94.1	94.4	94.8	94.9	95.0	95.0	95.2	95.2
GE 500	69.1	82.1	85.3	87.5	90.2	91.7	93.6	94.7	95.1	95.4	95.9	96.0	96.5	96.5	96.7	96.7
GE 400	69.1	82.2	85.4	87.6	90.5	91.9	93.8	95.2	95.9	96.4	96.9	97.0	97.5	97.5	97.7	97.7
GE 300	69.1	82.2	85.4	87.6	90.6	92.0	93.9	95.3	96.4	97.2	97.6	97.7	98.5	98.5	98.8	98.8
GE 200	69.1	82.2	85.4	87.6	90.6	92.0	93.9	95.3	96.4	97.4	97.9	98.2	98.9	98.9	99.6	99.6
GE 100	69.1	82.2	85.4	87.6	90.6	92.0	93.9	95.3	96.4	97.4	97.9	98.2	98.9	98.9	99.9	99.9
GE 0	69.1	82.2	85.4	87.6	90.6	92.0	93.9	95.3	96.4	97.4	97.9	98.2	98.9	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.1	47.7	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	48.0
GE 20000	50.7	52.6	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
GE 18000	51.0	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	51.0	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	51.5	53.4	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	53.8
GE 12000	52.9	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	54.8	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 9000	55.1	57.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	56.7	59.6	60.1	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
GE 7000	57.0	60.3	60.7	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
GE 6000	57.3	60.6	61.1	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
GE 5000	58.2	62.5	63.1	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
GE 4500	58.8	63.2	63.6	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
GE 4000	60.4	65.6	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	66.5
GE 3500	65.0	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	68.2	76.5	77.1	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	69.5	78.9	79.8	79.9	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000	70.2	81.2	82.3	82.5	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	70.2	81.4	82.7	82.8	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	70.5	82.6	84.5	85.4	85.8	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	70.5	83.0	84.9	85.9	86.5	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	70.5	83.4	85.5	86.5	87.3	87.7	88.2	88.8	88.8	88.9	89.0	89.1	89.4	89.4	89.4	89.4
GE 900	70.5	83.4	85.5	86.5	87.3	87.7	88.2	88.8	88.8	88.9	89.1	89.2	89.5	89.5	89.5	89.5
GE 800	70.5	83.5	85.6	86.7	87.9	88.3	89.1	90.0	90.0	90.3	90.8	90.9	91.6	91.6	91.6	91.6
GE 700	70.5	83.8	86.1	87.3	88.6	89.4	90.2	91.1	91.1	91.8	92.2	92.4	93.0	93.0	93.0	93.0
GE 600	70.5	84.1	86.6	87.9	89.7	90.4	91.3	92.4	92.4	93.1	93.8	93.9	94.7	94.7	94.7	94.7
GE 500	70.5	84.1	86.6	87.9	89.8	90.9	91.9	93.4	93.4	94.6	95.4	95.5	96.6	96.7	96.7	96.7
GE 400	70.5	84.1	86.6	87.9	89.9	91.0	92.0	93.6	93.9	95.4	96.2	96.3	97.6	97.8	97.9	97.9
GE 300	70.5	84.1	86.6	87.9	89.9	91.0	92.0	93.8	94.2	95.6	96.6	96.7	98.4	98.5	98.8	98.8
GE 200	70.5	84.1	86.6	87.9	89.9	91.0	92.0	93.9	94.3	95.7	96.7	96.9	99.1	99.3	99.6	99.6
GE 100	70.5	84.1	86.6	87.9	89.9	91.0	92.0	93.9	94.3	95.8	96.9	97.0	99.2	99.4	99.8	99.9
GE 0	70.5	84.1	86.6	87.9	89.9	91.0	92.0	93.9	94.3	95.8	96.9	97.0	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 869

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA — PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	52.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	52.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	52.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	53.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	54.9	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	60.9	60.9
GE 10000	57.1	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
GE 9000	57.1	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
GE 8000	59.9	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	59.9	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	60.5	67.7	68.1	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
GE 5000	61.0	69.0	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	61.6	70.3	70.7	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	63.8	74.4	74.8	75.0	75.3	75.3	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	64.9	75.9	76.3	76.4	76.8	76.8	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	66.0	78.7	79.4	79.6	80.3	80.3	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7
GE 2500	66.6	80.7	81.4	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 2000	67.9	82.9	84.0	84.2	85.2	85.2	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	67.9	82.9	84.0	84.2	85.2	85.2	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	68.1	83.5	84.8	85.7	87.0	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	68.1	83.7	85.2	86.1	87.4	87.4	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	68.1	83.7	85.2	86.1	87.8	87.9	88.3	88.5	88.5	88.5	89.1	89.1	89.2	89.2	89.2	89.2
GE 900	68.1	83.7	85.2	86.1	87.8	87.9	88.3	88.5	88.5	88.7	89.2	89.2	89.4	89.4	89.4	89.4
GE 800	68.1	83.9	85.7	86.6	88.5	88.9	89.6	90.2	90.2	90.4	90.9	90.9	91.3	91.3	91.3	91.3
GE 700	68.1	84.2	86.5	87.4	89.2	89.6	90.4	91.1	91.1	91.5	92.0	92.0	92.4	92.4	92.6	92.6
GE 600	68.1	84.6	86.8	87.8	89.6	90.0	91.3	92.2	92.2	92.9	93.5	93.5	93.9	94.1	94.2	94.2
GE 500	68.1	84.8	87.0	88.1	90.0	90.4	92.0	92.9	92.9	93.7	94.4	94.4	95.4	95.5	95.7	95.7
GE 400	68.1	84.8	87.0	88.1	90.0	90.4	92.0	93.3	93.3	94.4	95.4	95.4	97.0	97.4	98.1	98.1
GE 300	68.1	84.8	87.0	88.1	90.0	90.4	92.2	93.9	93.9	95.0	95.9	95.9	97.6	98.0	99.1	99.3
GE 200	68.1	84.8	87.0	88.1	90.0	90.4	92.2	93.9	93.9	95.0	95.9	95.9	97.8	98.1	99.3	99.4
GE 100	68.1	84.8	87.0	88.1	90.0	90.4	92.2	93.9	93.9	95.0	95.9	96.1	98.0	98.3	99.6	99.8
GE 0	68.1	84.8	87.0	88.1	90.0	90.4	92.2	93.9	93.9	95.0	95.9	96.1	98.0	98.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 539

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.0	43.8	44.2	44.2	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.8
GE 20000	47.1	50.9	51.3	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.9
GE 18000	47.3	51.2	51.6	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.1
GE 16000	47.3	51.2	51.6	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.1
GE 14000	47.9	51.7	52.1	52.1	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.7
GE 12000	48.9	53.4	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.3
GE 10000	50.7	56.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.9
GE 9000	51.2	57.2	59.0	59.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.7
GE 8000	55.0	61.5	63.3	63.3	63.7	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3
GE 7000	56.3	63.0	64.7	64.7	65.1	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.8
GE 6000	57.0	64.1	65.8	65.8	66.2	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.9
GE 5000	58.2	66.0	67.8	68.0	68.4	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
GE 4500	58.6	66.8	68.6	68.9	69.3	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	70.0
GE 4000	60.7	69.3	71.2	71.4	72.0	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.8
GE 3500	62.3	71.6	73.6	74.1	74.7	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.5
GE 3000	64.2	74.0	76.1	76.8	77.3	77.6	78.0	78.2	78.2	78.2	78.2	78.3	78.4	78.4	78.4	78.6
GE 2500	64.5	74.9	77.2	77.9	78.7	79.1	79.5	79.8	79.8	79.9	79.9	80.0	80.2	80.2	80.2	80.3
GE 2000	64.9	76.1	78.4	79.2	80.0	80.6	81.0	81.2	81.2	81.4	81.4	81.6	81.8	81.8	81.8	81.9
GE 1800	64.9	76.4	78.7	79.5	80.3	80.8	81.2	81.5	81.5	81.6	81.6	81.9	82.0	82.0	82.0	82.2
GE 1500	65.3	77.6	80.3	81.1	81.9	82.6	83.0	83.2	83.4	83.5	83.5	83.8	83.9	83.9	83.9	84.0
GE 1200	65.5	78.7	81.4	82.3	83.1	83.8	84.3	85.1	85.3	85.4	85.4	85.7	85.8	85.8	85.8	85.9
GE 1000	65.8	79.6	82.4	83.4	84.5	85.1	85.7	86.6	86.7	86.9	86.9	87.1	87.3	87.3	87.3	87.4
GE 900	65.8	80.2	83.0	84.0	85.3	85.9	86.6	87.9	88.1	88.2	88.2	88.5	88.6	88.6	88.6	88.7
GE 800	65.8	80.7	83.8	85.0	86.3	87.0	87.9	89.3	89.4	89.5	89.5	89.8	89.9	89.9	89.9	90.1
GE 700	65.8	80.8	84.2	85.4	86.9	87.5	88.6	89.9	90.1	90.2	90.2	90.5	90.6	90.6	90.6	90.8
GE 600	65.8	81.0	84.3	85.7	87.3	87.9	89.4	90.9	91.0	91.2	91.2	91.4	91.6	91.6	91.6	91.7
GE 500	65.8	81.0	84.6	86.1	88.1	88.7	91.2	92.8	93.0	93.6	93.7	94.0	94.1	94.1	94.1	94.2
GE 400	65.8	81.0	84.6	86.1	88.6	89.4	92.2	94.0	94.2	95.0	95.2	95.4	95.6	95.6	95.7	95.8
GE 300	65.8	81.1	84.7	86.2	89.8	90.6	93.8	95.6	96.0	97.1	97.2	97.5	97.9	97.9	98.0	98.5
GE 200	65.8	81.1	84.7	86.2	89.8	90.8	94.1	95.8	96.4	97.5	97.7	98.0	98.4	98.4	98.7	99.2
GE 100	65.8	81.1	84.7	86.2	89.8	90.8	94.1	95.8	96.4	97.5	97.7	98.0	98.4	98.5	98.9	99.6
GE 0	65.8	81.1	84.7	86.2	89.8	90.8	94.1	95.8	96.4	97.5	97.7	98.0	98.4	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.4	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	44.4	44.4
GE 20000	47.9	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	50.5	50.5
GE 18000	48.1	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	48.1	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	48.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	49.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 10000	51.8	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 9000	52.3	56.1	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
GE 8000	55.7	60.3	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
GE 7000	56.3	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	56.4	61.2	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 5000	57.3	63.0	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4500	58.2	64.4	64.8	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4000	61.2	67.9	68.6	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	64.5	71.9	72.7	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3000	67.3	75.8	76.7	77.2	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	68.6	78.5	79.5	80.1	80.3	80.4	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2000	69.9	80.2	81.7	82.4	82.6	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1800	70.2	80.7	82.1	82.9	83.2	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	70.6	81.9	84.0	84.9	85.6	86.2	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	70.8	82.6	84.6	85.6	86.6	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	70.9	83.6	86.0	87.0	88.1	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	70.9	84.2	86.7	87.7	89.1	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	70.9	84.6	87.4	88.4	90.0	90.7	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	70.9	85.1	87.8	89.0	90.9	91.6	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	70.9	85.1	87.9	89.2	91.5	92.4	93.3	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	70.9	85.4	88.6	89.9	92.8	93.9	95.0	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	70.9	85.4	88.7	90.0	93.7	94.8	96.1	97.4	97.6	98.1	98.1	98.1	98.3	98.3	98.3	98.3
GE 300	70.9	85.4	88.9	90.1	93.9	94.9	96.6	98.3	98.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	70.9	85.4	88.9	90.1	93.9	94.9	96.6	98.3	98.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	70.9	85.4	88.9	90.1	93.9	94.9	96.6	98.3	98.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	70.9	85.4	88.9	90.1	93.9	94.9	96.6	98.3	98.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	44.7	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
GE 18000	45.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 16000	45.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 14000	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 12000	46.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	49.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	49.5	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 8000	52.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 7000	53.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	53.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 5000	55.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 4500	56.1	60.7	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 4000	61.7	66.3	66.7	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
GE 3500	67.1	72.3	73.0	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	72.0	78.7	79.9	80.5	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	73.2	81.1	82.4	83.0	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	74.5	83.4	85.1	85.7	85.8	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	74.5	83.6	85.3	85.8	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1500	74.9	85.0	87.6	88.2	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	74.9	86.1	88.8	89.7	90.1	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	75.1	87.0	89.8	90.9	91.5	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	75.2	87.4	90.2	91.4	92.0	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	75.5	88.0	90.8	92.2	92.9	92.9	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	75.5	88.2	91.2	92.6	93.8	93.8	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	75.5	88.2	91.2	92.6	93.9	93.9	94.6	94.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	75.5	88.3	91.3	92.9	94.6	94.6	95.6	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	75.5	88.4	91.4	93.0	95.2	95.2	96.6	97.4	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	75.5	88.4	91.4	93.1	95.4	95.4	96.8	97.7	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	75.5	88.4	91.4	93.1	95.4	95.4	96.8	97.8	98.1	99.0	99.4	99.4	99.9	100.0	100.0	100.0
GE 100	75.5	88.4	91.4	93.1	95.4	95.4	96.8	97.8	98.1	99.0	99.4	99.4	99.9	100.0	100.0	100.0
GE 0	75.5	88.4	91.4	93.1	95.4	95.4	96.8	97.8	98.1	99.0	99.4	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 20000	46.4	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000	46.9	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 16000	46.9	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 14000	47.6	49.3	49.3	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
GE 12000	48.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 10000	51.4	54.0	54.1	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
GE 9000	51.5	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	55.1	58.3	58.5	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
GE 7000	56.6	60.8	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	57.1	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	59.1	64.2	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 4500	60.7	66.0	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4000	65.2	71.0	72.0	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	69.8	76.2	77.2	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	72.8	80.0	81.0	81.5	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	73.8	81.9	83.1	83.6	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	74.4	84.0	85.1	85.7	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	74.5	84.2	85.4	85.9	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	74.5	84.8	86.2	87.2	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	74.5	85.8	87.6	88.6	89.5	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	75.0	86.5	88.7	90.0	91.2	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	75.2	87.0	89.2	90.6	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	75.2	87.1	89.3	90.8	92.1	92.5	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	75.2	87.2	89.6	91.5	92.7	93.2	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	75.2	87.2	89.6	91.6	93.2	93.8	94.6	95.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	75.2	87.3	90.3	92.3	94.2	94.8	95.7	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	75.3	87.4	90.4	92.6	94.8	95.4	96.5	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	75.3	87.4	90.4	92.7	94.9	95.6	96.9	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	75.3	87.4	90.4	92.7	94.9	95.6	96.9	98.5	98.5	99.2	99.5	99.5	99.8	99.8	99.9	99.9
GE 100	75.3	87.4	90.4	92.7	94.9	95.6	96.9	98.5	98.5	99.2	99.5	99.5	99.8	99.8	99.9	100.0
GE 0	75.3	87.4	90.4	92.7	94.9	95.6	96.9	98.5	98.5	99.2	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.6	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	49.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 18000	50.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	50.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	50.3	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 12000	51.5	54.8	54.8	54.8	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	54.0	58.0	58.2	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	54.2	58.2	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	56.2	61.3	61.7	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 7000	57.0	63.3	64.1	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	58.0	65.1	66.1	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	60.0	67.9	68.8	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	61.1	70.8	72.2	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	65.9	76.1	77.5	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	68.0	78.9	80.3	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	69.6	81.3	83.2	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	70.2	82.8	84.8	86.0	86.0	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2000	70.8	84.0	86.0	87.2	87.4	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	70.8	84.0	86.0	87.2	87.4	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	71.0	84.2	86.4	88.0	88.4	88.8	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	71.0	84.4	86.8	89.2	89.7	90.3	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1000	71.0	84.8	87.2	89.9	90.5	91.3	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	71.0	84.8	87.2	90.1	90.7	91.5	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	71.2	85.0	87.4	90.5	91.3	92.1	93.7	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	71.2	85.0	87.6	90.9	91.7	92.5	94.1	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	71.2	85.2	88.2	91.5	92.9	93.7	95.3	96.4	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	71.2	85.2	88.2	91.5	92.9	93.7	95.3	96.4	96.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	71.2	85.2	88.2	91.5	92.9	93.7	95.5	97.0	97.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	71.2	85.2	88.2	91.5	92.9	93.7	95.5	97.0	97.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	71.2	85.2	88.2	91.5	92.9	93.7	95.5	97.4	97.4	98.8	99.4	99.4	99.4	99.6	99.6	99.6
GE 100	71.2	85.2	88.2	91.5	92.9	93.7	95.5	97.4	97.4	98.8	99.4	99.4	99.4	99.6	100.0	100.0
GE 0	71.2	85.2	88.2	91.5	92.9	93.7	95.5	97.4	97.4	98.8	99.4	99.4	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.2	44.8	46.3	46.9	47.5	47.8	48.5	48.5	48.6	48.7	48.7	48.7	48.7	[illegible].7	48.8	48.8
GE 20000	42.8	50.8	52.8	53.6	54.2	54.6	55.3	55.3	55.4	55.5	55.9	55.9	56.0	56.0	56.1	56.2
GE 18000	42.8	50.8	52.8	53.6	54.2	54.6	55.3	55.3	55.4	55.5	55.9	55.9	56.0	56.0	56.1	56.2
GE 16000	43.2	51.3	53.3	54.1	54.6	55.1	55.8	55.8	55.9	56.0	56.3	56.3	56.4	56.4	56.5	56.6
GE 14000	43.9	52.4	54.4	55.2	55.8	56.2	56.9	56.9	57.0	57.1	57.4	57.4	57.5	57.5	57.7	57.8
GE 12000	44.7	53.9	56.1	56.9	57.4	57.9	58.7	58.7	58.8	58.9	59.2	59.2	59.3	59.3	59.4	59.6
GE 10000	45.9	56.1	58.3	59.3	60.0	60.6	61.3	61.3	61.5	61.6	61.9	61.9	62.0	62.0	62.1	62.2
GE 9000	46.1	56.4	58.7	59.7	60.3	60.9	61.7	61.7	61.8	61.9	62.2	62.2	62.3	62.3	62.5	62.6
GE 8000	49.2	60.7	63.0	64.1	64.8	65.4	66.3	66.3	66.4	66.5	66.8	66.8	67.0	67.0	67.3	67.4
GE 7000	50.4	62.0	64.4	65.5	66.1	66.7	67.7	67.7	67.8	67.9	68.3	68.3	68.5	68.5	68.7	68.8
GE 6000	50.5	62.3	64.8	66.0	66.7	67.6	68.6	68.6	68.7	68.8	69.2	69.2	69.4	69.4	69.6	69.7
GE 5000	51.2	63.5	65.9	67.3	68.2	69.1	70.2	70.2	70.3	70.4	70.7	70.7	71.1	71.1	71.3	71.4
GE 4500	52.1	64.8	67.3	68.6	69.6	70.5	71.6	71.6	71.7	71.8	72.2	72.2	72.5	72.5	72.7	72.8
GE 4000	52.3	65.1	67.7	69.1	70.2	71.1	72.2	72.2	72.3	72.4	72.7	72.7	73.1	73.1	73.3	73.4
GE 3500	53.3	66.6	69.3	70.6	71.7	72.6	73.7	73.7	73.9	74.0	74.3	74.3	74.6	74.6	74.9	75.0
GE 3000	53.7	67.7	70.6	72.0	73.2	74.1	75.2	75.2	75.4	75.6	76.2	76.2	76.5	76.5	76.8	76.9
GE 2500	54.5	69.7	72.7	74.1	75.3	76.2	77.3	77.3	77.5	77.8	78.3	78.3	78.7	78.7	78.9	79.0
GE 2000	54.6	70.1	73.2	74.6	75.9	76.8	77.9	77.9	78.1	78.3	79.0	79.0	79.3	79.3	79.6	79.7
GE 1800	55.0	70.4	73.5	75.0	76.2	77.1	78.2	78.2	78.4	78.7	79.3	79.3	79.7	79.7	79.9	80.0
GE 1500	55.5	71.4	74.6	76.2	77.5	78.5	79.8	79.9	80.2	80.4	81.1	81.1	81.5	81.5	81.7	81.8
GE 1200	55.6	72.1	75.3	76.9	78.5	79.6	80.8	80.9	81.5	81.7	82.3	82.3	82.7	82.7	82.9	83.0
GE 1000	55.9	73.0	76.2	77.9	79.9	80.9	82.1	82.2	82.8	83.0	83.7	83.7	84.0	84.0	84.2	84.4
GE 900	56.0	73.5	76.8	78.5	80.8	81.8	83.0	83.2	83.8	84.0	84.7	84.7	85.0	85.0	85.3	85.4
GE 800	56.0	73.9	77.4	79.4	81.7	82.7	84.0	84.6	85.3	85.5	86.1	86.1	86.5	86.5	86.7	86.8
GE 700	56.0	73.9	77.9	80.0	82.5	83.8	85.9	87.2	87.8	88.0	88.7	88.7	89.1	89.1	89.4	89.5
GE 600	56.0	73.9	77.9	80.0	82.8	84.1	86.6	87.9	88.6	88.9	89.6	89.6	89.9	89.9	90.3	90.4
GE 500	56.0	74.2	78.2	80.3	83.2	84.7	87.7	89.5	90.2	91.1	91.8	91.8	92.4	92.4	92.7	92.8
GE 400	56.0	74.2	78.2	80.4	83.7	85.1	88.4	90.4	91.6	93.6	94.7	94.7	95.3	95.3	95.6	95.8
GE 300	56.0	74.2	78.3	80.6	84.1	85.9	89.5	92.0	93.2	95.6	97.2	97.3	98.0	98.0	98.3	98.4
GE 200	56.0	74.2	78.3	80.6	84.1	85.9	89.5	92.1	93.3	95.9	97.5	97.8	98.8	99.0	99.6	99.8
GE 100	56.0	74.2	78.3	80.6	84.1	85.9	89.5	92.1	93.3	95.9	97.5	97.8	98.8	99.0	99.7	100.0
GE 0	56.0	74.2	78.3	80.6	84.1	85.9	89.5	92.1	93.3	95.9	97.5	97.8	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.4	46.9	47.3	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
GE 20000	47.3	56.0	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	47.4	56.2	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
GE 16000	47.5	56.3	56.6	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
GE 14000	48.2	57.1	57.4	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
GE 12000	48.6	58.3	58.6	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
GE 10000	49.5	60.2	60.5	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	49.7	60.5	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	51.5	63.7	64.0	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
GE 7000	52.0	64.5	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	52.2	65.1	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	53.2	66.7	67.0	67.7	67.8	67.8	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	54.0	67.6	67.9	68.6	68.7	68.7	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	56.3	70.3	70.7	71.3	71.5	71.5	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	59.2	74.4	74.8	75.5	75.6	75.6	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	60.0	75.9	76.7	77.9	78.1	78.3	78.5	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	60.8	77.8	78.6	79.8	80.2	80.4	80.6	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	61.3	78.8	79.6	80.9	81.3	81.5	81.7	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	61.4	78.9	79.7	81.0	81.4	81.6	81.8	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	62.0	80.7	82.1	83.6	84.2	84.6	84.9	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	62.2	82.3	83.9	85.8	86.4	86.8	87.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	62.2	82.7	84.6	87.0	87.8	88.4	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	62.2	82.8	84.7	87.1	88.0	88.6	89.5	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	62.2	82.9	84.9	87.8	89.0	89.9	91.0	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	62.2	83.1	85.2	88.1	89.5	90.4	91.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	62.2	83.1	85.3	88.4	90.0	90.9	92.3	93.6	94.0	94.1	94.1	94.1	94.3	94.3	94.4	94.4
GE 500	62.2	83.2	85.4	88.7	91.1	92.0	94.2	96.1	96.4	96.7	96.7	96.7	96.9	96.9	97.0	97.0
GE 400	62.2	83.2	85.4	88.7	91.2	92.3	94.9	97.3	98.0	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 300	62.2	83.2	85.4	88.9	91.3	92.4	95.0	97.5	98.3	99.0	99.0	99.0	99.2	99.2	99.3	99.3
GE 200	62.2	83.2	85.4	88.9	91.3	92.4	95.0	98.0	98.8	99.4	99.4	99.4	99.7	99.7	99.9	99.9
GE 100	62.2	83.2	85.4	88.9	91.3	92.4	95.0	98.0	98.8	99.4	99.4	99.4	99.7	99.7	99.9	100.0
GE 0	62.2	83.2	85.4	88.9	91.3	92.4	95.0	98.0	98.8	99.4	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.3	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	44.0	44.0
GE 20000	45.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 18000	45.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	45.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	46.1	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	54.6
GE 12000	47.5	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	56.3
GE 10000	50.3	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	60.0	60.0
GE 9000	50.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	52.2	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	52.6	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 6000	53.2	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	53.9	65.9	66.2	66.6	66.7	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	54.7	66.8	67.1	67.4	67.6	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4000	57.4	70.2	70.6	70.9	71.0	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	61.5	76.1	76.6	77.0	77.1	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	62.6	79.3	80.1	80.8	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2500	63.9	81.3	82.1	82.9	83.4	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000	64.4	82.7	83.4	84.2	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	64.4	82.8	83.6	84.3	85.1	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	64.4	84.5	85.5	86.2	87.0	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	64.4	85.6	86.8	88.0	88.9	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	64.4	86.2	87.9	89.3	90.3	90.4	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	64.4	86.4	88.1	89.8	91.1	91.2	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	64.4	86.6	88.5	90.5	92.1	92.6	93.6	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	64.4	86.8	88.9	90.9	92.7	93.3	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	64.4	86.8	89.3	91.6	94.0	94.6	96.0	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	64.4	87.1	89.7	92.4	95.5	96.2	97.8	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 400	64.4	87.1	89.7	92.4	95.5	96.3	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.7	99.7
GE 300	64.4	87.1	89.7	92.4	95.5	96.3	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.7	99.7
GE 200	64.4	87.1	89.7	92.4	95.5	96.3	98.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	64.4	87.1	89.7	92.4	95.5	96.3	98.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 0	64.4	87.1	89.7	92.4	95.5	96.3	98.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.0	39.0	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 20000	42.0	48.6	49.2	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
GE 18000	42.1	48.7	49.5	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
GE 16000	42.1	48.7	49.5	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
GE 14000	43.0	49.9	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000	44.3	52.4	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 10000	47.5	56.9	57.7	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
GE 9000	47.6	57.3	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	50.8	61.6	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 7000	51.8	62.8	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
GE 6000	53.0	64.5	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	55.4	67.4	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	56.5	68.9	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	60.6	73.9	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	63.8	78.3	79.9	80.2	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	65.3	80.8	82.5	82.8	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	65.9	81.7	83.5	83.9	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	66.2	83.3	85.1	85.6	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	66.2	83.4	85.2	85.7	86.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	66.2	84.2	86.6	87.3	88.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	66.4	85.6	88.6	89.5	90.7	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	66.4	86.0	89.2	90.5	91.9	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	66.4	86.0	89.5	91.1	92.7	92.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	66.4	86.3	90.0	91.6	93.4	93.5	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	66.4	86.4	90.4	92.3	94.3	94.5	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	66.4	86.5	90.5	92.4	94.5	94.7	96.3	96.9	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6
GE 500	66.4	86.6	90.6	92.7	95.1	95.4	97.3	97.8	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7
GE 400	66.4	86.7	90.7	92.8	95.2	95.5	97.7	98.5	98.6	99.2	99.3	99.3	99.7	99.7	99.8	99.8
GE 300	66.4	86.7	90.7	92.8	95.2	95.5	97.7	98.5	98.6	99.2	99.3	99.3	99.7	99.7	99.8	99.8
GE 200	66.4	86.8	90.8	92.9	95.3	95.7	97.9	98.7	98.9	99.4	99.5	99.5	99.9	99.9	100.0	100.0
GE 100	66.4	86.8	90.8	92.9	95.3	95.7	97.9	98.7	98.9	99.4	99.5	99.5	99.9	99.9	100.0	100.0
GE 0	66.4	86.8	90.8	92.9	95.3	95.7	97.9	98.7	98.9	99.4	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.3	43.9	43.9	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	44.6	51.7	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 18000	45.1	52.2	52.2	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	45.1	52.2	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	45.6	52.7	52.9	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	46.3	55.1	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	49.8	59.0	59.5	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 9000	50.2	59.8	60.2	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
GE 8000	53.9	64.4	65.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	54.9	66.3	67.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 6000	56.1	67.8	68.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	58.3	71.0	72.0	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	59.5	72.2	73.2	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	62.0	75.1	76.1	78.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	62.9	77.1	78.3	80.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	64.4	79.8	81.0	82.9	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	64.9	81.2	82.4	84.4	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	65.1	82.0	83.7	85.6	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	65.1	82.0	83.7	85.6	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	65.1	82.9	85.9	87.8	89.3	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	65.1	83.9	87.6	89.8	91.2	91.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	65.1	84.1	88.0	90.2	91.7	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	65.1	84.1	88.0	90.5	92.0	92.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	65.1	84.6	88.8	91.2	92.7	92.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	65.1	84.6	88.8	91.2	93.2	93.2	94.6	94.9	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	65.1	84.6	88.8	91.2	93.2	93.2	94.6	95.1	95.4	96.1	96.1	96.1	96.6	96.6	96.6	96.6
GE 500	65.1	84.6	88.8	91.2	93.2	93.2	94.9	95.4	95.6	96.3	96.3	96.3	96.8	96.8	96.8	96.8
GE 400	65.1	84.6	89.0	91.7	93.9	93.9	96.6	98.0	98.5	99.3	99.3	99.3	99.8	99.8	99.8	99.8
GE 300	65.1	84.6	89.0	91.7	93.9	93.9	96.6	98.0	98.5	99.3	99.3	99.3	99.8	99.8	99.8	99.8
GE 200	65.1	84.6	89.0	91.7	93.9	93.9	96.6	98.3	98.8	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 100	65.1	84.6	89.0	91.7	93.9	93.9	96.6	98.3	98.8	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 0	65.1	84.6	89.0	91.7	93.9	93.9	96.6	98.3	98.8	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.7	48.9	51.6	52.2	54.6	54.6	55.6	55.7	55.7	55.7	55.9	55.9	55.9	55.9	56.0	56.0
GE 20000	40.8	52.1	55.2	56.1	58.8	58.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3
GE 18000	40.9	52.3	55.4	56.3	59.2	59.3	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.8	60.8
GE 16000	40.9	52.3	55.4	56.3	59.2	59.3	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.8	60.8
GE 14000	41.2	52.6	55.9	56.9	59.8	59.9	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3
GE 12000	41.7	53.4	56.7	57.7	60.8	60.9	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.3
GE 10000	42.9	56.4	60.0	61.2	64.4	64.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.3
GE 9000	43.8	57.3	60.9	62.1	65.3	65.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2
GE 8000	45.3	59.9	64.0	65.7	69.1	69.7	70.9	71.0	71.1	71.5	71.6	71.6	71.6	71.6	71.7	71.7
GE 7000	45.5	60.4	64.5	66.2	69.7	70.2	71.5	71.6	71.7	72.0	72.1	72.1	72.1	72.1	72.2	72.2
GE 6000	45.5	61.2	65.3	67.0	70.5	71.0	72.4	72.5	72.6	72.9	73.0	73.0	73.0	73.0	73.1	73.1
GE 5000	45.6	62.4	66.9	68.8	72.2	72.8	74.5	74.6	74.7	75.0	75.1	75.1	75.1	75.1	75.3	75.3
GE 4500	45.8	62.7	67.1	69.1	72.6	73.1	74.8	74.9	75.0	75.4	75.5	75.5	75.5	75.5	75.6	75.6
GE 4000	45.9	63.3	67.8	70.0	73.6	74.1	75.8	75.9	76.1	76.6	76.7	76.7	76.7	76.7	77.0	77.0
GE 3500	47.0	64.8	69.3	71.6	75.1	75.7	77.4	77.5	77.7	78.3	78.4	78.4	78.5	78.5	78.8	78.8
GE 3000	47.7	65.9	71.0	73.8	77.6	78.1	79.8	79.9	80.2	80.7	80.8	80.8	80.9	80.9	81.3	81.3
GE 2500	48.0	66.8	71.9	74.7	78.6	79.2	80.8	80.9	81.2	81.7	81.8	81.8	81.9	81.9	82.3	82.3
GE 2000	48.2	68.0	73.2	76.0	79.9	80.5	82.2	82.3	82.5	83.1	83.2	83.2	83.3	83.3	83.6	83.6
GE 1800	48.2	68.0	73.2	76.0	79.9	80.5	82.2	82.3	82.5	83.1	83.2	83.2	83.3	83.3	83.6	83.6
GE 1500	48.2	68.7	74.2	77.1	81.4	82.1	83.7	83.9	84.2	84.7	84.8	84.8	84.9	85.1	85.4	85.4
GE 1200	48.2	69.0	74.9	77.9	82.5	83.3	84.9	85.2	85.4	86.1	86.2	86.2	86.3	86.4	86.7	86.7
GE 1000	48.2	69.2	75.5	79.0	84.1	84.9	86.7	87.0	87.2	87.8	88.0	88.0	88.2	88.3	88.6	88.6
GE 900	48.3	69.3	75.6	79.4	84.4	85.3	87.1	87.3	87.5	88.2	88.3	88.3	88.7	88.9	89.2	89.2
GE 800	48.4	70.0	76.3	80.3	85.6	86.6	88.4	88.6	88.9	89.7	89.9	90.0	90.4	90.5	90.9	90.9
GE 700	48.4	70.2	76.8	80.9	86.3	87.3	89.5	89.9	90.2	91.1	91.2	91.4	91.9	92.0	92.3	92.3
GE 600	48.4	70.5	77.3	81.4	86.8	88.1	90.7	91.3	91.9	92.9	93.1	93.3	93.8	93.9	94.2	94.2
GE 500	48.4	70.5	77.3	81.5	87.2	88.5	92.0	92.5	93.2	94.9	95.1	95.3	95.8	95.9	96.4	96.4
GE 400	48.4	70.5	77.3	81.5	87.3	88.7	92.3	92.9	93.6	95.7	95.9	96.1	96.7	96.8	97.3	97.3
GE 300	48.4	70.5	77.3	81.5	87.4	89.0	92.6	93.8	94.6	96.8	97.1	97.3	97.9	98.1	98.8	98.8
GE 200	48.4	70.5	77.3	81.5	87.4	89.0	92.6	94.1	95.0	97.2	97.7	97.9	98.6	99.0	99.8	99.9
GE 100	48.4	70.5	77.3	81.5	87.4	89.0	92.6	94.1	95.0	97.2	97.7	97.9	98.6	99.0	99.8	100.0
GE 0	48.4	70.5	77.3	81.5	87.4	89.0	92.6	94.1	95.0	97.2	97.7	97.9	98.6	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.6	50.7	52.0	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	43.6	55.3	57.0	57.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	43.7	55.4	57.1	57.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	43.7	55.4	57.1	57.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	44.4	56.2	58.0	58.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	45.1	57.4	59.2	59.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	47.3	60.8	62.7	63.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	47.3	60.9	62.8	63.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	49.6	64.3	66.9	67.8	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	50.2	65.7	68.2	69.1	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	50.3	66.2	68.9	69.8	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	50.7	67.4	70.4	71.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	50.9	67.9	70.9	71.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	51.9	69.4	72.9	73.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	53.0	71.1	74.8	75.7	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	55.4	75.3	79.3	80.6	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	55.9	76.7	80.7	81.9	84.2	84.2	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	56.2	78.3	82.3	83.8	86.3	86.3	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	56.4	78.7	82.7	84.1	86.7	86.7	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	56.9	80.0	84.0	85.7	88.4	88.4	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	56.9	81.0	85.2	87.3	90.2	90.3	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	56.9	81.8	86.1	88.7	91.8	92.0	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	56.9	81.9	86.9	89.2	92.3	92.6	93.9	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 800	56.9	82.0	86.8	89.6	93.0	93.2	94.6	94.8	94.8	95.2	95.2	95.2	95.4	95.4	95.4	95.4
GE 700	56.9	82.0	87.0	89.9	93.7	94.0	95.6	95.9	95.9	96.4	96.4	96.4	96.7	96.7	96.7	96.7
GE 600	56.9	82.0	87.2	90.1	94.3	95.1	96.7	97.0	97.0	97.7	97.8	97.8	98.0	98.0	98.0	98.0
GE 500	56.9	82.0	87.2	90.1	94.4	95.6	97.4	97.8	97.8	98.6	98.7	98.8	99.1	99.1	99.2	99.2
GE 400	56.9	82.0	87.2	90.1	94.6	95.7	97.6	98.1	98.1	98.9	99.0	99.1	99.6	99.6	99.7	99.7
GE 300	56.9	82.0	87.2	90.1	94.6	95.7	97.6	98.1	98.1	99.0	99.2	99.3	99.8	99.8	99.9	99.9
GE 200	56.9	82.0	87.2	90.1	94.6	95.7	97.6	98.1	98.1	99.0	99.2	99.3	99.8	99.8	99.9	99.9
GE 100	56.9	82.0	87.2	90.1	94.6	95.7	97.6	98.1	98.1	99.0	99.2	99.3	99.9	99.9	100.0	100.0
GE 0	56.9	82.0	87.2	90.1	94.6	95.7	97.6	98.1	98.1	99.0	99.2	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.4	46.6	47.8	48.3	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	40.9	52.9	54.3	54.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 18000	41.1	53.1	54.6	55.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 16000	41.1	53.1	54.6	55.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 14000	42.0	54.3	55.8	56.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	42.4	55.3	56.8	57.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	44.4	58.0	59.4	60.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	44.6	58.2	59.7	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	46.4	61.1	63.2	64.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	47.8	62.6	64.7	65.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	47.8	62.6	64.7	65.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	49.7	65.4	67.7	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	50.0	66.6	68.8	69.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	52.4	70.4	72.9	74.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	55.1	73.7	76.6	78.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	59.0	79.3	83.2	85.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	59.8	80.9	84.8	87.4	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	60.1	81.8	85.8	88.6	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	60.2	81.9	85.9	88.8	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	60.2	82.8	87.0	90.0	91.9	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	60.4	84.2	88.9	92.1	94.1	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	60.4	84.9	89.6	92.8	94.9	95.1	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 900	60.4	85.2	90.0	93.4	95.6	95.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 800	60.4	85.2	90.0	93.4	95.6	95.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 700	60.4	85.4	90.3	93.8	96.1	96.8	97.9	98.1	98.1	98.2	98.2	98.2	98.8	98.8	98.8	98.6
GE 600	60.4	85.4	90.3	94.0	96.3	97.0	98.1	98.3	98.3	98.4	98.4	98.6	98.8	98.8	98.8	98.9
GE 500	60.4	85.4	90.3	94.0	96.4	97.2	98.3	98.7	98.7	98.9	98.9	99.0	99.2	99.2	99.2	99.3
GE 400	60.4	85.4	90.4	94.1	96.8	97.6	98.7	99.0	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.7
GE 300	60.4	85.4	90.7	94.3	97.0	97.8	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0
GE 200	60.4	85.4	90.7	94.3	97.0	97.8	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0
GE 100	60.4	85.4	90.7	94.3	97.0	97.8	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0
GE 0	60.4	85.4	90.7	94.3	97.0	97.8	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.7	46.6	48.7	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	42.7	55.5	57.9	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	42.8	55.6	58.0	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 16000	42.8	55.6	58.0	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	43.0	55.8	58.2	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	44.8	58.0	60.4	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	47.2	61.6	64.2	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	48.7	63.0	65.6	67.2	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	51.1	67.6	70.9	72.5	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	51.6	68.3	71.6	73.1	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	51.7	68.4	71.7	73.3	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	53.9	71.5	74.7	76.3	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4500	54.5	72.0	75.3	76.9	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	55.6	74.7	78.1	80.0	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	56.7	76.4	79.8	81.8	83.1	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	59.9	80.7	84.3	86.9	88.3	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	60.4	82.1	86.1	88.7	90.1	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	60.7	82.9	87.1	89.7	91.1	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	60.7	82.9	87.1	89.7	91.1	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	60.9	83.9	88.7	91.2	92.9	93.1	93.5	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	61.0	84.7	89.6	92.2	94.0	94.3	94.8	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	61.1	84.8	89.8	92.6	94.8	95.1	96.0	96.5	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	61.1	84.8	89.8	92.6	95.1	95.3	96.5	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	61.1	84.8	89.8	92.8	95.3	95.5	96.9	97.4	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	61.1	85.2	90.1	93.1	95.7	96.0	97.3	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	61.1	85.2	90.1	93.1	95.8	96.1	97.6	98.2	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	61.1	85.2	90.1	93.1	95.8	96.1	98.0	98.5	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	61.1	85.2	90.2	93.5	96.2	96.4	98.4	99.0	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	61.1	85.2	90.2	93.5	96.2	96.4	98.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	61.1	85.2	90.2	93.5	96.2	96.4	98.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	61.1	85.2	90.2	93.5	96.2	96.4	98.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	61.1	85.2	90.2	93.5	96.2	96.4	98.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.7	49.9	52.2	52.7	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	47.3	60.5	63.3	64.2	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	47.3	60.5	63.3	64.2	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	47.8	61.0	63.7	64.7	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	47.8	61.0	63.7	64.7	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	49.4	62.8	65.8	66.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	52.2	67.0	70.2	71.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	52.4	67.7	70.9	71.8	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	55.2	72.1	75.5	76.4	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	55.7	72.5	76.0	76.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 6000	56.1	73.2	76.7	77.6	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	57.5	74.8	78.3	79.2	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	58.4	75.8	79.2	80.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	59.4	78.1	81.8	83.1	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	61.2	81.3	85.5	86.8	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	62.4	82.9	87.5	88.9	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	62.6	83.4	88.2	89.6	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	62.6	84.3	89.1	90.5	92.4	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	62.6	84.3	89.1	90.5	92.4	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	62.8	84.8	89.6	91.0	93.1	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	62.8	85.0	90.1	91.7	94.5	94.5	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	62.8	85.7	90.8	92.6	95.6	95.6	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	62.8	85.9	91.0	93.1	96.3	96.3	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	62.8	85.9	91.0	93.1	96.5	96.5	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	62.8	85.9	91.0	93.1	96.5	96.5	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	62.8	85.9	91.2	93.3	97.0	97.0	98.2	98.4	98.4	98.6	98.6	98.8	99.1	99.1	99.1	99.1
GE 500	62.8	85.9	91.2	93.5	97.2	97.2	98.6	98.8	98.8	99.1	99.1	99.3	99.5	99.5	99.5	99.5
GE 400	62.8	85.9	91.5	93.8	97.5	97.7	99.1	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0
GE 300	62.8	85.9	91.5	93.8	97.5	97.7	99.1	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0
GE 200	62.8	85.9	91.5	93.8	97.5	97.7	99.1	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0
GE 100	62.8	85.9	91.5	93.8	97.5	97.7	99.1	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0
GE 0	62.8	85.9	91.5	93.8	97.5	97.7	99.1	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 833

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.1	45.5	48.8	52.4	55.5	55.8	56.7	57.3	57.3	57.7	58.1	58.1	58.7	58.7	58.7	58.7
GE 20000	37.6	49.9	53.9	57.5	60.8	61.1	62.1	62.7	62.7	63.1	63.5	63.5	64.1	64.1	64.1	64.1
GE 18000	37.7	50.0	54.1	57.7	61.0	61.3	62.3	62.9	62.9	63.3	63.7	63.7	64.3	64.3	64.3	64.3
GE 16000	37.7	50.0	54.1	57.7	61.0	61.3	62.3	62.9	62.9	63.3	63.7	63.7	64.3	64.3	64.3	64.3
GE 14000	37.9	50.2	54.4	58.0	61.2	61.5	62.6	63.1	63.1	63.6	63.9	63.9	64.6	64.6	64.6	64.6
GE 12000	38.7	52.0	56.3	59.9	63.1	63.5	64.6	65.1	65.1	65.6	65.9	65.9	66.6	66.6	66.6	66.6
GE 10000	41.6	56.5	61.0	65.0	68.3	68.9	70.1	70.6	70.6	71.1	71.4	71.4	72.1	72.1	72.1	72.1
GE 9000	41.6	56.8	61.3	65.4	68.6	69.3	70.4	71.0	71.0	71.4	71.7	71.7	72.4	72.4	72.4	72.4
GE 8000	42.6	59.4	64.6	68.8	72.3	73.2	74.7	75.4	75.4	75.9	76.2	76.2	76.9	76.9	77.0	77.0
GE 7000	43.0	59.9	65.2	69.5	73.0	73.9	75.3	76.1	76.1	76.6	76.9	76.9	77.6	77.6	77.7	77.7
GE 6000	43.5	60.3	65.7	70.0	73.4	74.3	75.8	76.6	76.6	77.0	77.4	77.4	78.0	78.0	78.1	78.1
GE 5000	44.3	61.5	67.2	71.7	75.2	76.1	77.8	78.7	78.7	79.1	79.5	79.5	80.2	80.2	80.3	80.3
GE 4500	44.4	62.0	67.6	72.3	75.8	76.7	78.4	79.3	79.3	79.7	80.0	80.0	80.7	80.7	80.8	80.8
GE 4000	45.0	63.3	69.2	74.1	77.7	78.6	80.5	81.4	81.4	81.8	82.2	82.2	82.8	82.8	83.0	83.0
GE 3500	45.1	63.6	69.8	74.8	78.4	79.3	81.2	82.1	82.1	82.5	82.8	82.8	83.5	83.5	83.6	83.6
GE 3000	45.5	64.8	71.2	76.1	79.8	80.7	82.6	83.5	83.5	84.0	84.3	84.3	85.0	85.0	85.3	85.3
GE 2500	45.6	64.9	71.3	76.6	80.3	81.2	83.1	84.1	84.1	84.5	84.9	84.9	85.5	85.5	85.9	85.9
GE 2000	46.1	65.6	72.1	77.7	81.5	82.4	84.4	85.5	85.5	86.0	86.4	86.4	87.1	87.1	87.4	87.4
GE 1800	46.1	65.6	72.1	77.7	81.5	82.4	84.5	85.7	85.7	86.1	86.5	86.5	87.2	87.2	87.6	87.6
GE 1500	46.4	66.6	73.1	78.7	83.0	83.9	86.2	87.3	87.3	87.9	88.3	88.3	89.0	89.0	89.3	89.3
GE 1200	46.5	67.0	73.8	79.5	83.9	84.8	87.2	88.3	88.3	88.9	89.3	89.3	90.0	90.0	90.4	90.4
GE 1000	46.5	67.3	74.1	79.9	84.4	85.3	87.8	89.3	89.5	90.1	90.6	90.6	91.3	91.3	91.6	91.6
GE 900	46.6	67.4	74.2	80.3	84.8	85.7	88.2	89.8	90.1	90.8	91.3	91.3	91.9	91.9	92.3	92.3
GE 800	46.6	67.5	74.3	80.4	85.3	86.2	89.0	90.6	90.9	91.6	92.0	92.0	92.7	92.7	93.0	93.0
GE 700	46.6	67.5	74.3	80.4	85.5	86.4	89.9	91.6	92.0	92.7	93.2	93.2	93.8	93.8	94.2	94.2
GE 600	46.6	67.6	74.4	80.5	85.7	86.5	90.1	92.2	92.6	93.4	93.9	93.9	94.7	94.7	95.1	95.1
GE 500	46.6	67.6	74.4	80.5	85.7	86.7	90.4	92.6	93.0	93.9	94.5	94.5	95.3	95.3	95.6	95.6
GE 400	46.6	67.6	74.4	80.5	85.7	86.8	90.5	93.0	93.7	94.6	95.2	95.2	96.0	96.0	96.9	96.9
GE 300	46.6	67.6	74.4	80.5	85.8	86.9	90.6	93.3	93.9	95.2	95.7	95.7	97.0	97.1	98.1	98.1
GE 200	46.6	67.6	74.4	80.5	85.8	86.9	90.7	93.4	94.3	95.7	96.6	96.6	98.1	98.2	99.4	99.4
GE 100	46.6	67.6	74.4	80.5	85.8	86.9	90.7	93.4	94.3	95.7	96.6	96.6	98.1	98.2	99.4	100.0
GE 0	46.6	67.6	74.4	80.5	85.8	86.9	90.7	93.4	94.3	95.7	96.6	96.6	98.1	98.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.4	50.3	54.2	57.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	42.8	56.6	61.5	64.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	42.9	56.7	61.6	64.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	42.9	56.7	61.6	64.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	43.0	57.0	61.9	64.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	44.1	59.3	64.2	67.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	46.2	63.9	68.8	72.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	46.5	64.3	69.3	72.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000	47.4	66.6	72.0	75.5	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 7000	47.6	67.1	72.9	76.4	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	47.7	67.2	73.2	76.8	78.7	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	48.7	68.2	74.2	77.9	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	48.8	68.9	75.3	78.9	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	49.6	70.0	76.5	80.3	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	50.4	71.5	77.9	81.8	83.7	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	50.7	73.0	79.6	83.5	85.5	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	51.2	73.8	80.5	84.8	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	51.6	74.7	81.5	86.0	88.5	88.5	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	51.6	74.9	81.8	86.3	88.9	89.0	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	51.7	75.7	82.7	87.5	90.2	90.3	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 1200	52.0	76.7	83.9	89.0	92.0	92.3	93.2	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE 1000	52.1	77.1	84.7	90.4	93.6	94.2	95.2	95.7	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 900	52.1	77.4	85.1	90.7	94.1	94.6	95.7	96.1	96.1	96.5	96.5	96.5	96.7	96.7	96.7	96.7
GE 800	52.1	77.4	85.1	90.9	94.5	95.1	96.1	96.7	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 700	52.1	77.4	85.1	90.9	94.9	95.5	96.7	97.2	97.2	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 600	52.1	77.5	85.2	91.0	95.1	95.8	97.0	97.7	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	52.1	77.5	85.2	91.0	95.1	96.0	97.4	98.4	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 400	52.1	77.5	85.2	91.0	95.1	96.0	97.5	98.8	98.8	99.3	99.3	99.3	99.4	99.4	99.6	99.6
GE 300	52.1	77.5	85.2	91.0	95.1	96.0	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	52.1	77.5	85.2	91.0	95.1	96.0	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 100	52.1	77.5	85.2	91.0	95.1	96.0	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 0	52.1	77.5	85.2	91.0	95.1	96.0	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.1	50.2	52.7	54.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 20000	43.5	57.8	60.9	62.8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	43.6	57.9	61.0	62.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	43.6	57.9	61.0	62.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	43.8	58.3	61.6	63.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000	45.6	61.5	65.0	67.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	47.7	66.3	70.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	48.0	67.2	71.1	73.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	48.9	68.8	73.2	75.4	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	48.9	69.1	73.5	75.8	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	49.4	69.5	74.0	76.2	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	49.7	70.5	75.4	77.7	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	49.8	70.8	75.8	78.0	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	51.6	73.6	79.1	81.3	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	54.0	77.0	82.8	85.1	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	55.6	79.9	86.5	89.1	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	55.8	80.1	87.3	89.8	92.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	56.1	81.1	88.4	91.2	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	56.2	81.3	88.6	91.4	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	56.3	81.9	89.2	92.0	94.9	95.0	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	56.3	81.9	89.3	92.2	95.1	95.3	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	56.3	82.1	89.6	92.6	95.8	96.2	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	56.3	82.1	89.6	92.6	95.8	96.2	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	56.3	82.2	89.8	92.8	96.0	96.4	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	56.3	82.3	89.9	93.5	96.6	97.1	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	56.3	82.6	90.2	94.0	97.2	97.7	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	56.3	82.6	90.2	94.0	97.2	97.9	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	56.3	82.6	90.2	94.0	97.2	97.9	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	56.3	82.6	90.2	94.0	97.2	97.9	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	56.3	82.6	90.2	94.0	97.2	97.9	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	56.3	82.6	90.2	94.0	97.2	97.9	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	56.3	82.6	90.2	94.0	97.2	97.9	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.6	52.2	55.1	56.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	44.2	60.7	64.7	66.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	44.3	60.8	64.8	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	44.4	60.9	64.9	66.6	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	44.8	61.4	65.3	67.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	46.6	63.9	67.8	69.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000	49.1	68.9	72.8	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 9000	49.7	69.7	73.8	75.5	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 8000	52.3	73.4	78.2	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	52.6	74.0	78.8	80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	53.4	74.8	79.5	81.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	53.9	75.3	80.7	83.0	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	54.2	75.8	81.5	83.8	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	55.0	77.0	83.0	85.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	56.7	79.1	85.3	87.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	58.1	81.6	88.3	91.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	58.1	81.6	88.6	91.5	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	58.1	82.3	89.3	92.2	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	58.1	82.3	89.3	92.2	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	58.1	82.3	89.3	92.2	95.2	95.3	95.6	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	58.1	82.5	89.9	93.0	96.0	96.1	96.4	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	58.1	82.6	90.0	93.2	96.4	96.5	96.7	96.7	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	58.1	82.7	90.1	93.3	96.5	96.6	96.8	96.8	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	58.1	82.7	90.1	93.3	96.6	96.7	96.9	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	58.1	82.7	90.1	93.3	96.8	96.9	97.2	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	58.1	83.1	90.7	93.9	97.5	97.8	98.2	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	58.1	83.1	90.7	93.9	97.5	97.8	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	58.1	83.1	90.7	93.9	97.5	98.0	98.5	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	58.1	83.1	90.7	93.9	97.5	98.1	98.8	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	58.1	83.1	90.7	93.9	97.5	98.1	98.8	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	58.1	83.1	90.7	93.9	97.5	98.1	98.8	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	58.1	83.1	90.7	93.9	97.5	98.1	98.8	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.9	50.4	52.2	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	44.9	61.9	64.5	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	44.9	62.2	65.0	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	44.9	62.2	65.0	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	45.4	62.6	65.5	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	47.5	66.9	69.7	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	49.6	71.6	74.5	77.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	50.4	72.6	75.7	78.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	52.7	75.9	80.1	82.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	53.8	76.6	80.9	83.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 6000	53.7	76.8	81.1	84.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	54.1	77.3	81.6	84.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	54.6	78.3	82.7	85.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4000	55.1	78.7	83.5	86.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	55.3	79.0	83.9	87.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	55.8	80.1	85.8	90.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	55.8	81.1	87.2	92.4	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	55.8	81.3	87.7	92.9	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	55.8	81.3	87.7	92.9	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	55.8	81.3	87.7	92.9	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	55.8	81.6	88.2	93.4	96.7	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	55.8	81.8	88.4	93.9	97.2	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	55.8	81.8	88.4	93.9	97.2	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	55.8	81.8	88.4	93.9	97.2	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	55.8	81.8	88.4	93.9	97.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	55.8	82.0	88.7	94.1	97.6	98.1	98.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	55.8	82.0	88.7	94.1	97.6	98.1	98.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	55.8	82.0	88.7	94.1	97.6	98.1	98.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	55.8	82.0	88.7	94.1	97.6	98.6	98.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	55.8	82.0	88.7	94.1	97.6	98.6	98.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.8	82.0	88.7	94.1	97.6	98.6	98.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	55.8	82.0	88.7	94.1	97.6	98.6	98.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.3	36.5	39.2	42.1	45.7	47.0	48.6	49.4	49.6	50.1	50.2	50.2	50.4	50.4	50.4	50.5
GE 20000	30.3	39.4	43.0	47.0	51.5	52.9	54.8	55.7	55.9	56.4	56.5	56.5	56.7	56.7	56.7	56.8
GE 18000	30.3	39.4	43.1	47.1	51.6	53.0	54.9	55.8	56.0	56.5	56.6	56.6	56.8	56.8	56.8	56.9
GE 16000	30.3	39.4	43.1	47.1	51.6	53.0	54.9	55.8	56.0	56.5	56.6	56.6	56.8	56.8	56.8	56.9
GE 14000	30.4	39.6	43.3	47.4	51.9	53.3	55.3	56.1	56.8	56.8	56.9	56.9	57.1	57.1	57.1	57.2
GE 12000	31.4	41.3	45.4	49.7	54.6	56.4	58.4	59.4	59.6	60.2	60.3	60.3	60.6	60.6	60.6	60.8
GE 10000	33.8	44.4	48.9	53.3	58.6	60.4	63.0	64.0	64.2	64.7	64.8	64.8	65.3	65.3	65.3	65.5
GE 9000	34.5	45.3	50.1	54.7	60.0	61.8	64.4	65.5	65.7	66.3	66.4	66.4	66.9	66.9	66.9	67.1
GE 8000	36.2	47.3	52.3	57.1	62.9	64.6	67.3	68.5	68.7	69.5	69.6	69.6	70.1	70.1	70.1	70.4
GE 7000	37.7	49.0	54.0	58.7	64.6	66.3	69.1	70.2	70.5	71.2	71.3	71.3	72.0	72.0	72.0	72.2
GE 6000	37.8	49.1	54.1	58.8	64.7	66.4	69.5	70.8	71.0	71.8	71.9	71.9	72.5	72.5	72.5	72.7
GE 5000	38.7	49.9	55.2	60.0	66.2	68.0	71.0	72.3	72.5	73.3	73.4	73.4	74.0	74.0	74.0	74.3
GE 4500	38.9	50.4	55.6	60.5	66.7	68.4	71.8	72.9	73.1	73.8	73.9	73.9	74.6	74.6	74.6	74.8
GE 4000	39.4	50.9	56.6	61.6	67.9	69.6	72.6	74.4	74.7	75.6	75.8	75.8	76.5	76.5	76.5	76.8
GE 3500	39.4	51.1	57.3	62.5	69.1	70.8	73.9	75.7	76.0	76.9	77.1	77.1	77.9	77.9	77.9	78.1
GE 3000	39.5	51.5	58.0	63.3	70.2	72.0	75.4	77.2	77.5	78.4	78.6	78.6	79.4	79.4	79.6	79.8
GE 2500	39.5	51.9	58.4	64.0	71.0	72.7	76.1	78.1	78.4	79.3	79.5	79.5	80.2	80.2	80.5	80.7
GE 2000	39.7	52.4	59.2	64.9	72.1	73.8	77.3	79.3	79.7	80.6	80.8	80.8	81.5	81.5	81.8	82.0
GE 1800	39.7	52.4	59.2	64.9	72.1	73.8	77.4	79.4	79.8	80.7	80.9	80.9	81.7	81.7	81.9	82.1
GE 1500	40.0	52.9	59.8	65.8	73.1	74.9	78.6	80.7	81.1	82.2	82.4	82.4	83.2	83.2	83.4	83.6
GE 1200	40.1	53.4	60.4	66.6	74.0	75.9	79.7	81.8	82.2	83.3	83.5	83.5	84.3	84.3	84.5	84.7
GE 1000	40.1	53.6	60.7	67.2	74.8	76.7	81.1	83.6	84.1	85.2	85.5	85.5	86.3	86.3	86.5	86.8
GE 900	40.1	53.9	60.9	67.4	75.0	76.9	81.4	84.0	84.7	85.8	86.0	86.0	86.9	86.9	87.1	87.3
GE 800	40.1	54.1	61.1	67.6	75.4	77.2	81.8	84.5	85.3	86.4	86.6	86.6	87.5	87.5	87.7	87.9
GE 700	40.1	54.3	61.5	68.1	76.0	78.0	82.8	86.0	87.0	88.2	88.4	88.4	89.3	89.3	89.5	89.7
GE 600	40.1	54.4	61.6	68.3	76.4	78.8	84.0	87.2	88.2	89.4	89.6	89.6	90.4	90.4	90.7	90.9
GE 500	40.1	54.7	62.1	68.8	77.9	80.5	85.9	89.1	90.1	91.3	91.5	91.5	92.5	92.5	92.7	92.9
GE 400	40.1	54.8	62.2	69.3	78.4	81.0	87.1	90.8	91.7	93.6	94.0	94.1	95.3	95.3	95.7	95.9
GE 300	40.1	54.8	62.2	69.3	78.5	81.2	87.7	91.5	92.5	94.8	95.4	95.5	97.1	97.1	97.4	97.9
GE 200	40.1	54.8	62.2	69.3	78.5	81.2	87.7	91.5	92.5	94.8	95.5	95.7	97.7	97.7	98.6	99.7
GE 100	40.1	54.8	62.2	69.3	78.5	81.2	87.7	91.5	92.5	94.8	95.5	95.7	97.9	97.9	98.9	100.0
GE 0	40.1	54.8	62.2	69.3	78.5	81.2	87.7	91.5	92.5	94.8	95.5	95.7	97.9	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.3	42.9	47.6	49.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	34.3	47.8	53.5	56.7	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000	34.4	48.1	53.8	56.9	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 16000	34.4	48.1	53.8	56.9	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 14000	34.4	48.2	53.9	57.0	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	35.4	49.9	55.9	59.4	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	36.2	51.5	57.8	61.4	63.3	63.3	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	37.0	52.6	59.0	62.6	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	38.9	55.6	62.5	66.2	68.4	68.4	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	39.6	56.3	63.2	67.0	69.1	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	39.7	57.0	64.0	67.7	70.1	70.1	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 5000	41.1	58.4	65.9	69.9	72.4	72.4	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 4500	41.3	58.6	66.1	70.2	72.7	72.7	73.4	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8
GE 4000	42.0	59.9	67.6	72.0	74.6	74.6	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 3500	42.6	61.2	69.4	74.2	77.1	77.1	78.2	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7
GE 3000	43.7	62.7	71.3	76.3	79.6	79.6	80.9	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
GE 2500	43.9	63.7	72.3	77.7	81.2	81.2	82.5	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 2000	44.3	65.2	74.0	79.6	83.0	83.1	84.8	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1
GE 1800	44.4	65.3	74.2	79.9	83.3	83.4	84.7	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 1500	44.4	65.7	74.8	80.9	84.4	84.5	85.9	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 1200	44.5	66.2	75.5	81.9	85.7	85.9	87.3	87.8	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3
GE 1000	44.5	66.5	76.0	82.6	86.8	87.0	88.9	89.5	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 900	44.5	66.5	76.1	82.8	87.1	87.3	89.2	90.1	90.4	90.6	90.6	90.6	90.9	90.9	90.9	90.9
GE 800	44.5	66.7	76.6	83.7	88.2	88.5	90.6	91.6	91.9	92.2	92.2	92.2	92.4	92.4	92.4	92.4
GE 700	44.5	66.9	77.1	84.6	89.2	89.7	92.4	93.3	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1
GE 600	44.5	67.1	77.6	85.4	90.1	90.8	93.4	94.5	94.9	95.3	95.3	95.3	95.5	95.5	95.5	95.5
GE 500	44.5	67.4	78.1	85.9	91.1	92.0	94.9	96.1	96.6	97.3	97.3	97.3	97.5	97.5	97.5	97.5
GE 400	44.5	67.4	78.1	86.1	91.8	92.9	95.9	97.3	97.7	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	44.5	67.6	78.3	86.3	92.0	93.3	96.7	98.2	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	44.5	67.6	78.3	86.3	92.0	93.3	96.7	98.2	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	44.5	67.6	78.3	86.3	92.0	93.3	96.7	98.2	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	44.5	67.6	78.3	86.3	92.0	93.3	96.7	98.2	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.3	44.0	46.4	47.6	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	35.6	49.9	53.2	54.9	55.5	55.5	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	36.2	50.6	53.8	55.5	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	36.2	50.6	53.8	55.5	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	36.8	50.9	54.1	55.9	56.5	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	37.7	53.0	56.6	58.7	59.5	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	39.4	55.8	59.4	61.8	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	39.8	56.3	60.0	62.3	63.2	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 8000	40.6	58.9	62.9	65.4	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	41.2	60.1	64.0	66.6	67.6	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 6000	41.3	60.5	64.5	67.1	68.0	68.0	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	42.2	61.8	66.3	69.2	70.3	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4500	42.2	62.0	66.5	69.4	70.5	70.5	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000	44.5	65.6	70.5	73.8	75.0	75.0	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3500	46.6	68.5	73.8	77.4	78.7	78.7	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000	47.5	71.4	77.1	80.8	82.8	82.8	83.0	83.3	83.8	83.8	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	48.0	72.9	78.9	82.7	84.8	84.8	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	48.7	74.3	80.8	84.8	87.5	87.5	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	48.7	74.3	80.9	84.9	87.6	87.7	87.9	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1600	48.8	74.7	81.7	85.7	88.7	88.8	89.3	89.8	89.9	89.9	89.8	89.9	89.9	89.9	89.9	89.9
GE 1200	48.9	75.5	82.8	87.3	90.9	91.0	91.6	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	48.9	75.8	83.4	88.1	92.4	92.5	93.2	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	49.0	75.9	83.6	88.4	92.7	92.8	93.6	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	49.1	76.5	84.5	89.3	93.9	94.0	94.8	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	49.1	76.7	84.8	89.7	94.2	94.3	95.3	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	49.1	76.9	84.9	90.0	94.7	94.8	95.9	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	49.1	77.0	85.3	90.4	95.6	95.7	97.1	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	49.2	77.1	85.5	91.0	96.6	96.7	98.2	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	49.3	77.2	85.6	91.1	96.7	96.8	98.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	49.3	77.2	85.6	91.1	96.7	96.8	98.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	49.3	77.2	85.6	91.1	96.7	96.8	98.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	49.3	77.2	85.6	91.1	96.7	96.8	98.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/8	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.4	46.3	48.3	49.1	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	38.8	54.4	57.3	58.4	59.5	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	39.2	55.0	57.8	58.9	60.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	39.2	55.0	57.8	58.9	60.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	39.8	55.9	58.7	59.8	60.9	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	41.0	57.6	60.5	61.6	62.7	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	43.4	60.8	63.7	65.2	66.4	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 9000	43.6	61.1	64.1	65.5	66.8	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	44.4	63.9	67.5	69.1	70.4	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 7000	44.8	64.6	68.2	70.1	71.4	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	45.1	65.2	68.8	70.6	72.1	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	46.4	67.1	70.9	72.9	74.7	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	46.5	67.4	71.1	73.2	75.1	75.2	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	47.9	69.7	73.6	76.1	78.5	78.6	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	49.2	71.5	75.7	78.3	80.8	81.1	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	49.6	73.7	78.1	81.5	84.7	85.0	86.3	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	49.9	75.0	79.8	83.2	87.1	87.4	88.8	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	49.9	75.8	80.7	84.2	88.1	88.8	90.0	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800	49.9	75.9	80.8	84.4	88.3	88.6	90.3	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	50.1	76.5	81.4	85.1	89.3	89.6	91.2	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	50.2	76.9	81.9	86.0	90.6	91.1	92.9	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	50.4	77.4	82.7	86.7	91.8	92.4	94.3	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	50.4	77.7	83.0	87.2	92.3	93.0	94.9	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	50.4	77.7	83.2	87.5	92.8	93.4	95.4	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	50.4	77.8	83.4	87.7	93.0	93.8	95.8	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	50.4	77.8	83.4	87.7	93.2	94.0	96.1	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	50.4	78.1	83.8	88.3	94.2	95.0	97.0	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	50.4	78.1	83.8	88.3	94.3	95.1	97.3	98.0	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	50.4	78.1	83.8	88.3	94.3	95.1	97.5	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	50.4	78.1	83.8	88.3	94.3	95.1	97.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.4	78.1	83.8	88.3	94.3	95.1	97.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	50.4	78.1	83.8	88.3	94.3	95.1	97.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.9	47.7	50.8	51.7	53.9	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	39.2	54.8	59.0	60.1	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	39.5	55.0	59.2	60.5	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	39.5	55.0	59.2	60.5	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	39.7	55.7	59.9	61.2	63.9	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	42.1	59.2	63.4	64.7	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	44.8	62.7	67.4	68.7	72.1	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	45.5	63.4	68.3	69.6	72.9	72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 8000	46.3	65.9	70.7	72.1	75.4	75.6	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000	46.8	66.3	71.6	72.9	76.3	76.7	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	47.0	67.0	72.3	74.1	77.9	77.8	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	48.1	68.5	74.3	76.7	80.0	80.5	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	48.3	68.7	74.5	76.9	80.5	80.9	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	48.3	69.2	75.2	77.8	81.4	81.8	82.5	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	49.2	70.5	77.2	79.8	83.4	83.8	84.5	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	49.4	71.6	78.3	81.2	84.9	85.8	87.1	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500	49.4	72.3	79.4	82.5	86.7	87.6	89.1	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	49.4	72.5	79.6	82.9	87.1	88.0	90.0	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	49.4	72.5	79.6	83.1	87.4	88.2	90.2	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	49.4	72.7	79.8	83.6	88.2	89.1	91.1	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	49.4	72.9	80.0	83.8	88.5	89.4	91.6	92.5	92.5	92.5	92.7	92.7	92.9	92.9	92.9	92.9
GE 1000	49.4	73.2	80.3	84.0	88.9	89.8	92.2	93.3	93.3	93.3	93.6	93.8	94.2	94.2	94.2	94.2
GE 900	49.4	73.2	80.5	84.3	89.4	90.2	92.7	93.8	93.8	93.8	94.0	94.2	94.9	94.9	94.9	94.9
GE 800	49.4	73.2	80.5	84.5	89.8	90.7	93.6	94.7	94.7	94.7	94.9	95.1	95.8	95.8	95.8	95.8
GE 700	49.4	73.2	80.7	84.7	90.0	91.1	94.2	95.3	95.6	95.6	95.8	96.0	96.7	96.7	96.7	96.7
GE 600	49.4	73.2	80.7	85.6	91.1	92.2	95.3	96.5	96.7	96.7	96.9	97.1	97.8	97.8	97.8	97.8
GE 500	49.4	73.2	80.7	86.0	92.0	93.1	96.5	97.6	97.8	98.0	98.2	98.7	99.3	99.3	99.3	99.3
GE 400	49.4	73.2	80.7	86.0	92.2	93.3	96.7	98.0	98.2	98.4	98.7	99.1	99.8	99.8	99.8	99.8
GE 300	49.4	73.2	80.7	86.0	92.2	93.3	96.7	98.0	98.2	98.4	98.7	99.1	100.0	100.0	100.0	100.0
GE 200	49.4	73.2	80.7	86.0	92.2	93.3	96.7	98.0	98.2	98.4	98.7	99.1	100.0	100.0	100.0	100.0
GE 100	49.4	73.2	80.7	86.0	92.2	93.3	96.7	98.0	98.2	98.4	98.7	99.1	100.0	100.0	100.0	100.0
GE 0	49.4	73.2	80.7	86.0	92.2	93.3	96.7	98.0	98.2	98.4	98.7	99.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.1	46.8	49.4	51.1	53.8	54.0	55.4	55.9	55.9	56.0	56.1	56.2	56.5	56.5	56.8	57.5
GE 20000	40.3	49.8	52.8	54.8	57.5	57.8	59.2	59.8	59.8	59.9	60.0	60.1	60.5	60.5	60.8	61.5
GE 18000	40.8	50.3	53.3	55.3	58.1	58.4	60.0	60.6	60.6	60.7	60.8	61.0	61.3	61.3	61.6	62.3
GE 16000	40.8	50.3	53.3	55.3	58.1	58.4	60.0	60.6	60.6	60.7	60.8	61.0	61.3	61.3	61.6	62.3
GE 14000	41.0	50.5	53.5	55.5	58.3	58.6	60.3	61.0	61.0	61.1	61.2	61.3	61.6	61.6	62.0	62.7
GE 12000	41.7	51.4	54.8	56.8	59.7	60.0	61.6	62.3	62.3	62.5	62.6	62.7	63.0	63.0	63.4	64.1
GE 10000	43.1	53.8	57.1	59.3	62.6	63.2	65.1	66.0	66.0	66.2	66.3	66.4	66.7	66.7	67.1	67.8
GE 9000	43.1	53.8	57.8	59.6	62.8	63.8	65.8	66.3	66.3	66.8	66.5	66.6	67.0	67.0	67.3	68.0
GE 8000	44.0	55.5	59.2	61.8	65.0	65.6	67.9	69.1	69.1	69.8	69.5	69.6	70.0	70.0	70.3	71.0
GE 7000	44.3	56.5	60.6	63.2	66.8	67.2	69.5	70.7	70.7	71.0	71.1	71.3	71.6	71.6	72.0	72.7
GE 6000	44.4	56.9	61.0	63.5	66.9	67.7	70.0	71.1	71.1	71.5	71.6	71.7	72.1	72.1	72.4	73.1
GE 5000	45.0	57.7	61.9	64.5	68.0	68.9	71.4	72.5	72.5	72.9	73.0	73.1	73.5	73.5	73.8	74.5
GE 4500	45.2	57.9	62.1	64.8	68.5	68.4	71.8	73.0	73.0	73.3	73.5	73.6	73.9	73.9	74.3	75.0
GE 4000	45.3	58.7	63.3	66.7	70.5	71.9	73.9	75.2	75.2	75.6	75.8	75.9	76.2	76.2	76.6	77.3
GE 3500	45.8	59.0	63.6	67.1	70.9	71.8	74.8	75.7	75.7	76.1	76.4	76.5	76.8	76.8	77.2	77.8
GE 3000	45.8	59.8	65.1	68.6	72.5	73.5	76.2	77.9	77.9	78.3	78.6	78.7	79.0	79.0	79.4	80.1
GE 2500	45.9	60.1	65.5	69.1	73.0	73.9	76.7	78.3	78.3	78.8	79.1	79.3	79.6	79.6	80.0	80.6
GE 2000	45.9	60.6	66.2	70.0	74.0	75.1	78.0	79.6	79.6	80.1	80.4	80.5	80.9	80.9	81.3	82.0
GE 1800	45.9	60.7	66.3	70.1	74.2	75.2	78.1	79.7	79.7	80.2	80.5	80.6	81.0	81.0	81.5	82.2
GE 1500	45.9	61.0	66.6	70.6	75.1	76.2	79.1	80.9	81.0	81.6	81.9	82.0	82.4	82.4	82.9	83.5
GE 1200	45.9	61.2	67.4	71.6	76.5	77.6	80.9	82.7	82.9	83.4	83.8	83.9	84.2	84.2	84.7	85.4
GE 1000	45.9	61.3	67.8	72.0	76.9	78.1	81.3	83.2	83.3	84.0	84.4	84.5	84.9	84.9	85.4	86.1
GE 900	45.9	61.4	68.0	72.5	77.9	79.0	82.4	84.2	84.4	85.1	85.4	85.5	86.0	86.0	86.4	87.1
GE 800	46.0	61.6	68.7	73.3	79.0	80.2	83.5	85.4	85.5	86.3	86.7	86.8	87.3	87.3	87.7	88.4
GE 700	46.0	61.8	69.1	73.9	79.6	80.8	84.2	86.2	86.3	87.1	87.7	87.8	88.3	88.3	88.8	89.5
GE 600	46.1	62.0	69.5	74.4	80.2	81.7	85.4	87.5	87.6	88.9	89.5	89.6	90.0	90.0	90.5	91.2
GE 500	46.1	62.1	69.9	75.2	81.1	82.7	87.0	89.3	89.5	90.7	91.3	91.4	92.0	92.0	92.5	93.2
GE 400	46.1	62.1	70.1	75.6	81.7	83.3	87.6	90.3	90.8	92.8	92.8	93.3	94.1	94.1	94.6	95.2
GE 300	46.1	62.1	70.1	75.6	81.7	83.3	88.1	90.7	91.3	93.0	93.9	94.2	95.2	95.4	96.1	96.8
GE 200	46.1	62.1	70.1	75.6	81.7	83.3	88.1	90.7	91.3	93.2	94.1	94.6	95.7	95.9	96.8	97.4
GE 100	46.1	62.1	70.1	75.6	81.7	83.3	88.1	90.7	91.3	93.2	94.1	94.6	95.7	95.9	97.3	99.1
GE 0	46.1	62.1	70.1	75.6	81.7	83.3	88.1	90.7	91.3	93.2	94.1	94.6	95.7	95.9	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/8	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.7	52.4	54.1	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 20000	49.2	58.2	59.9	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	49.9	58.9	60.6	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	49.9	58.9	60.6	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	50.2	59.3	61.0	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	51.4	61.3	63.0	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	52.9	63.3	65.3	66.2	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	53.1	63.6	65.5	66.4	67.1	67.1	67.2	67.2	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	54.1	65.4	68.3	69.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	54.6	66.2	69.1	70.7	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	55.2	67.0	69.9	71.6	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	55.6	67.8	70.8	72.5	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	55.6	67.9	70.9	72.8	74.1	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	56.8	69.8	72.9	74.7	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	57.2	71.0	74.1	76.0	77.4	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	58.9	73.9	77.1	79.1	80.6	80.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	59.0	74.3	77.6	79.5	81.0	81.0	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	59.0	75.4	79.0	81.1	82.9	82.9	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	59.0	75.6	79.3	81.5	83.3	83.3	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	59.0	76.0	80.1	82.8	84.9	84.9	85.2	85.3	85.5	85.7	86.0	86.0	86.0	86.0	86.0	86.0
GE 1200	59.0	76.0	80.3	83.6	86.0	86.0	86.2	86.3	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	59.0	76.6	81.5	85.1	87.6	87.6	87.9	88.3	88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	59.0	76.8	81.8	85.7	88.3	88.8	89.0	89.3	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	59.0	77.1	82.6	86.7	89.7	89.9	90.7	91.3	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	59.0	77.1	82.8	87.0	90.1	90.3	91.8	92.9	93.1	93.3	93.6	93.6	93.6	93.6	93.6	93.6
GE 600	59.0	77.2	83.0	87.4	90.6	90.9	93.0	94.0	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	59.0	77.4	83.1	87.5	90.9	91.5	93.8	94.8	95.1	95.5	95.9	95.9	96.1	96.1	96.1	96.1
GE 400	59.0	77.4	83.1	87.5	90.9	91.5	93.9	95.6	96.0	96.8	97.2	97.4	97.8	97.8	97.8	97.8
GE 300	59.0	77.4	83.1	87.6	91.0	91.8	94.9	96.2	96.6	97.7	98.3	98.6	99.1	99.1	99.1	99.1
GE 200	59.0	77.4	83.1	87.6	91.0	91.8	94.9	96.2	96.6	97.7	98.6	99.1	99.7	99.8	99.8	99.8
GE 100	59.0	77.4	83.1	87.6	91.0	91.8	94.9	96.2	96.6	97.7	98.6	99.1	99.7	99.8	99.9	100.0
GE 0	59.0	77.4	83.1	87.6	91.0	91.8	94.9	96.2	96.6	97.7	98.6	99.1	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/8	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.0	49.2	50.1	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	49.2	55.0	56.0	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	50.2	56.0	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 16000	50.3	56.3	57.4	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
GE 14000	50.8	56.8	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	51.2	57.7	59.1	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	53.7	60.7	62.4	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	54.0	61.1	62.9	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
GE 8000	55.8	63.5	65.7	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	56.2	64.2	66.5	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 6000	56.7	65.0	67.3	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	57.5	66.5	69.0	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	57.8	66.8	69.8	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	61.1	70.5	73.0	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	63.9	73.6	76.4	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	67.3	78.2	81.1	81.9	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	67.5	79.1	82.4	83.3	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	67.6	80.3	84.4	85.6	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	67.6	80.5	84.9	86.1	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	67.6	81.7	86.5	87.7	88.5	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	67.6	81.9	87.0	88.4	89.2	89.4	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	67.6	82.1	87.9	89.5	90.6	90.8	91.4	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	67.6	82.5	88.4	90.0	91.0	91.2	91.8	92.2	92.8	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	67.6	82.8	88.8	90.6	92.1	92.3	93.0	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	67.6	82.8	88.9	91.0	92.7	93.1	94.2	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	67.6	83.1	89.2	91.2	93.7	94.2	95.9	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	67.6	83.2	89.3	91.6	94.6	95.2	96.8	97.4	97.7	97.8	98.0	98.0	98.2	98.2	98.2	98.2
GE 400	67.6	83.2	89.3	91.6	94.6	95.2	96.9	97.7	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 300	67.6	83.2	89.3	91.6	94.6	95.2	97.1	98.2	98.8	99.0	99.3	99.4	99.7	99.7	99.7	99.7
GE 200	67.6	83.2	89.3	91.6	94.6	95.2	97.1	98.2	98.8	99.1	99.4	99.5	99.9	99.9	99.9	99.9
GE 100	67.6	83.2	89.3	91.6	94.6	95.2	97.1	98.2	98.8	99.1	99.4	99.5	100.0	100.0	100.0	100.0
GE 0	67.6	83.2	89.3	91.6	94.6	95.2	97.1	98.2	98.8	99.1	99.4	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.4	52.2	53.5	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	53.3	59.0	60.3	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	53.9	59.7	61.0	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 16000	53.9	60.0	61.3	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	54.2	60.4	61.7	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	55.4	62.2	63.6	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	56.4	64.4	66.0	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	57.3	65.4	67.1	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	60.0	69.6	71.8	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	60.3	70.4	72.6	73.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 6000	60.9	71.4	73.5	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	61.9	72.7	74.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	62.1	72.9	75.1	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	63.6	74.9	77.1	78.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	65.1	77.1	79.4	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	67.3	80.3	83.3	84.7	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	67.3	81.4	84.9	86.4	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	67.8	82.8	86.7	88.8	90.3	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	67.8	82.8	86.8	88.9	90.5	90.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	67.8	83.3	87.8	90.5	92.4	92.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	67.8	83.3	87.8	90.5	92.8	92.8	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	67.8	83.9	88.7	91.3	93.2	93.7	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	67.8	84.0	88.8	91.4	93.3	93.8	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	67.9	84.1	88.9	91.7	93.9	94.4	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	67.9	84.1	89.0	91.9	94.2	94.6	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	67.9	84.3	89.2	92.0	94.3	94.9	96.2	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0
GE 500	67.9	84.4	89.4	92.3	94.6	95.5	97.1	97.7	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1
GE 400	67.9	84.4	89.4	92.3	94.8	95.7	97.6	98.2	98.3	98.3	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	67.9	84.4	89.4	92.3	94.9	95.9	98.0	98.7	98.8	98.8	99.0	99.2	99.5	99.5	99.5	99.5
GE 200	67.9	84.4	89.4	92.3	94.9	95.9	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	100.0	100.0
GE 100	67.9	84.4	89.4	92.3	94.9	95.9	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	100.0	100.0
GE 0	67.9	84.4	89.4	92.3	94.9	95.9	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.2	55.3	57.6	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
GE 20000	53.0	60.9	63.1	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	53.5	61.8	63.6	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	53.8	61.6	63.9	64.4	64.9	64.9	64.9	64.9	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	54.3	62.8	64.6	65.2	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 12000	56.3	65.4	67.9	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	57.1	67.2	69.9	70.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	57.3	67.9	70.7	71.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	58.6	70.5	73.5	74.2	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 7000	59.1	71.2	74.2	75.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	59.8	72.7	75.8	76.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	60.9	74.0	77.3	78.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	61.8	74.7	78.0	78.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	62.4	75.8	79.5	80.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	62.9	77.0	80.8	82.1	84.1	84.3	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	63.9	79.5	83.3	84.8	87.4	87.6	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	63.9	80.3	84.6	86.4	89.1	89.4	89.4	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	64.1	80.8	85.9	87.6	90.7	91.4	91.9	92.2	92.2	92.4	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	64.1	80.8	85.9	87.6	90.7	91.4	91.9	92.2	92.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	64.1	80.8	86.1	88.1	91.2	91.9	92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	64.1	80.8	86.4	88.4	91.4	92.2	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	64.4	81.1	87.1	89.1	92.4	93.2	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	64.4	81.3	87.4	89.4	92.7	93.7	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	64.4	81.3	87.4	89.4	92.9	93.9	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	64.4	81.3	87.4	89.4	92.9	93.9	95.2	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	64.4	81.3	87.4	89.4	92.9	94.2	95.7	96.2	96.2	96.7	96.7	96.7	97.2	97.2	97.2	97.2
GE 500	64.4	81.3	87.4	89.6	93.2	94.4	96.0	96.7	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7
GE 400	64.4	81.3	87.4	89.9	93.4	94.7	96.5	97.2	97.2	97.7	97.7	97.7	98.2	98.2	98.2	98.2
GE 300	64.4	81.3	87.4	89.9	93.4	94.7	96.5	97.7	97.7	98.5	98.7	98.7	99.2	99.2	99.2	99.2
GE 200	64.4	81.3	87.4	89.9	93.4	94.7	96.7	98.0	98.0	98.7	99.0	99.0	99.7	99.7	99.7	99.7
GE 100	64.4	81.3	87.4	89.9	93.4	94.7	96.7	98.0	98.0	98.7	99.0	99.0	99.7	99.7	99.7	100.0
GE 0	64.4	81.3	87.4	89.9	93.4	94.7	96.7	98.0	98.0	98.7	99.0	99.0	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.5	40.7	42.9	44.1	45.7	45.9	46.6	47.2	47.2	47.3	47.7	47.7	47.9	47.9	48.5	48.8
GE 20000	36.3	44.5	46.9	48.3	50.0	50.2	50.9	51.9	51.9	52.0	52.3	52.3	52.8	52.8	53.4	54.0
GE 18000	36.8	44.7	47.1	48.5	50.2	50.5	51.2	52.1	52.1	52.2	52.6	52.6	53.0	53.0	53.6	54.2
GE 16000	36.7	45.0	47.4	48.8	50.6	50.8	51.5	52.4	52.4	52.6	52.9	52.9	53.4	53.4	54.0	54.5
GE 14000	37.3	45.6	48.0	49.4	51.2	51.4	52.1	53.0	53.0	53.1	53.5	53.6	54.1	54.1	54.7	55.2
GE 12000	38.1	47.1	50.0	51.9	53.7	54.0	54.7	55.6	55.6	55.7	56.0	56.2	56.6	56.4	57.2	57.8
GE 10000	39.2	49.0	51.9	53.8	55.9	56.2	56.9	57.8	57.8	57.9	58.3	58.4	58.8	58.8	59.5	60.1
GE 9000	39.7	49.8	52.3	54.3	56.4	56.6	57.3	58.3	58.3	58.4	58.7	58.8	59.3	59.3	60.0	60.6
GE 8000	41.2	51.9	54.9	57.4	60.1	60.3	61.4	62.3	62.3	62.4	63.0	63.1	63.6	63.6	64.3	64.9
GE 7000	41.5	52.9	56.2	58.8	62.2	62.6	63.6	64.7	64.7	64.8	65.3	65.5	65.9	65.9	66.6	67.2
GE 6000	42.1	53.8	57.2	59.9	63.5	63.8	65.2	66.3	66.3	66.4	67.0	67.1	67.6	67.7	68.4	69.0
GE 5000	42.8	55.0	58.5	61.2	64.8	65.1	66.5	67.6	67.6	67.8	68.5	68.6	69.1	69.2	69.9	70.5
GE 4500	43.8	56.3	60.1	62.8	66.4	66.9	68.5	69.5	69.5	69.8	70.5	70.6	71.0	71.2	71.9	72.6
GE 4000	44.0	57.7	61.6	64.7	68.6	69.1	70.7	71.7	71.7	72.1	73.0	73.1	73.6	73.7	74.4	75.0
GE 3500	45.0	59.3	63.6	66.9	71.6	72.1	74.1	75.1	75.1	75.5	76.8	76.5	77.0	77.1	77.8	78.4
GE 3000	46.2	61.3	65.7	69.3	74.1	74.5	76.7	77.8	77.8	78.1	79.1	79.2	79.7	79.8	80.5	81.0
GE 2500	47.0	62.6	67.0	70.6	75.5	75.9	78.1	79.2	79.2	79.5	80.5	80.6	81.0	81.2	81.9	82.4
GE 2000	47.0	62.7	67.1	70.8	75.8	76.3	78.5	79.5	79.5	79.9	80.8	80.9	81.4	81.5	82.2	82.8
GE 1800	47.0	62.7	67.3	71.2	76.2	76.6	78.9	79.9	79.9	80.2	81.2	81.3	81.7	81.9	82.6	83.1
GE 1500	47.0	63.1	67.8	71.6	76.7	77.2	79.7	80.7	80.7	81.2	82.1	82.2	82.7	82.8	83.5	84.1
GE 1200	47.0	63.3	68.1	72.2	77.6	78.0	80.7	81.7	81.7	82.3	83.3	83.4	83.8	84.0	84.7	85.2
GE 1000	47.0	63.5	68.5	72.8	78.3	78.7	81.7	82.9	82.9	83.5	84.4	84.5	85.1	85.2	85.9	86.5
GE 900	47.0	63.6	68.6	73.0	78.5	79.0	82.0	83.1	83.1	83.8	84.8	85.0	85.6	85.7	86.4	87.0
GE 800	47.0	63.8	68.8	73.3	78.8	79.3	82.4	83.6	83.6	84.4	85.3	85.5	86.0	86.2	86.9	87.4
GE 700	47.0	63.8	68.8	73.4	79.0	79.8	82.8	84.0	84.0	84.9	86.0	86.2	86.7	86.9	87.6	88.1
GE 600	47.0	64.1	69.1	73.6	79.2	79.7	83.1	84.4	84.5	85.5	87.0	87.1	87.6	87.9	88.6	89.2
GE 500	47.0	64.1	69.1	73.6	79.7	80.7	85.0	86.6	86.7	87.7	89.2	89.3	90.2	90.3	91.0	91.6
GE 400	47.0	64.2	69.2	73.7	80.0	81.8	85.9	87.8	87.9	88.1	90.7	90.9	92.1	92.2	93.0	93.7
GE 300	47.0	64.2	69.2	73.7	80.0	81.8	86.0	88.0	88.1	89.3	91.6	92.1	93.8	94.1	95.2	96.3
GE 200	47.0	64.3	69.3	73.8	80.2	81.7	86.4	88.5	88.6	90.2	93.0	93.7	95.7	96.0	97.7	98.8
GE 100	47.0	64.3	69.3	73.8	80.2	81.7	86.4	88.5	88.6	90.2	93.0	93.7	95.7	96.0	98.4	99.8
GE 0	47.0	64.3	69.3	73.8	80.2	81.7	86.4	88.5	88.6	90.2	93.0	93.7	95.7	96.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.2	46.7	47.8	48.2	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	43.5	51.3	52.6	53.0	53.5	53.5	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	43.7	51.8	53.0	53.5	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	43.7	51.8	53.0	53.5	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 14000	44.4	52.6	53.8	54.3	54.7	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	45.9	54.9	56.6	57.1	57.5	57.5	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	46.9	57.1	58.7	59.3	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	48.0	58.6	60.3	61.0	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 8000	50.3	62.4	64.3	65.1	65.9	65.9	66.0	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	51.3	63.9	65.9	66.7	67.5	67.5	67.6	67.7	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9
GE 6000	51.6	64.1	66.1	66.9	67.7	67.7	67.8	67.9	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	52.5	66.4	67.4	68.2	68.9	68.9	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	52.6	66.0	68.0	68.8	69.6	69.6	69.7	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	54.3	69.1	71.3	72.1	72.9	72.9	73.0	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	56.3	71.9	74.3	75.2	76.2	76.2	76.5	76.6	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	58.7	75.1	77.8	79.3	80.1	80.5	80.7	80.8	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	59.8	77.2	80.0	81.5	82.6	82.7	83.1	83.2	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	60.0	77.8	80.6	82.8	83.6	83.7	84.1	84.2	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	60.0	78.0	81.1	82.8	84.2	84.3	84.6	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	60.0	78.4	81.4	83.6	85.1	85.2	85.7	85.9	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	60.1	78.8	82.0	84.3	86.1	86.2	86.7	86.9	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	60.2	79.4	82.8	85.5	87.4	87.9	88.3	88.6	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	60.3	79.6	83.2	86.0	88.0	88.3	88.9	89.1	89.1	89.6	89.8	89.9	89.9	89.9	89.9	89.9
GE 800	60.3	79.7	83.3	86.2	88.3	88.6	89.2	89.5	89.5	89.9	90.3	90.4	90.4	90.4	90.4	90.4
GE 700	60.3	79.7	83.6	86.5	88.8	89.2	89.9	90.1	90.1	90.7	91.0	91.1	91.1	91.1	91.1	91.1
GE 600	60.3	79.8	83.7	86.9	89.3	89.9	90.9	91.1	91.1	91.7	92.0	92.2	92.2	92.2	92.2	92.2
GE 500	60.3	79.8	84.0	87.6	90.2	91.3	92.7	93.5	93.5	94.2	95.0	95.2	95.2	95.2	95.2	95.2
GE 400	60.8	80.0	84.2	87.8	90.7	91.8	93.3	94.3	94.3	95.2	96.0	96.2	96.4	96.4	96.4	96.4
GE 300	60.4	80.0	84.3	88.0	91.0	92.3	94.1	95.3	95.3	96.3	97.5	98.0	98.8	98.9	99.0	99.0
GE 200	60.4	80.2	84.4	88.1	91.3	92.6	94.4	95.6	95.6	96.6	98.0	98.4	99.3	99.4	99.7	99.7
GE 100	60.4	80.2	84.4	88.1	91.3	92.6	94.4	95.6	95.6	96.6	98.0	98.4	99.3	99.4	99.8	99.9
GE 0	60.4	80.2	84.4	88.1	91.3	92.6	94.4	95.6	95.6	96.6	98.0	98.4	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.4	46.9	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	45.1	51.9	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	45.5	52.3	53.3	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
GE 16000	45.5	52.3	53.3	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
GE 14000	45.9	52.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	47.1	53.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	48.9	56.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	50.2	58.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000	51.6	61.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	52.8	62.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	53.1	63.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	53.3	63.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	54.5	64.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	57.7	69.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 3500	61.8	73.9	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	66.1	79.1	80.8	81.0	81.1	81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2500	67.1	81.4	83.6	84.0	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	68.0	83.1	85.8	86.2	86.3	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	68.1	83.3	86.0	86.4	86.6	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	68.2	84.4	87.3	88.5	88.8	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	68.4	84.6	87.6	88.7	89.2	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	68.4	84.6	87.7	89.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	68.4	85.3	88.6	90.3	91.0	91.2	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	68.4	85.5	88.9	91.0	92.0	92.3	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	68.4	85.6	89.2	91.3	92.4	93.1	93.7	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7
GE 600	68.8	86.0	89.6	91.8	92.9	93.6	94.8	95.0	95.0	95.3	95.3	95.3	95.5	95.5	95.5	95.5
GE 500	68.8	86.1	89.7	91.9	93.1	93.8	94.9	95.8	95.8	96.0	96.0	96.0	96.5	96.5	96.5	96.5
GE 400	68.8	86.2	89.8	92.1	93.3	94.0	95.1	96.5	96.5	96.7	96.7	96.7	97.3	97.3	97.3	97.3
GE 300	68.8	86.2	89.8	92.1	93.3	94.0	95.5	97.1	97.1	98.0	98.0	98.2	98.8	98.8	98.8	98.8
GE 200	68.8	86.2	89.8	92.1	93.4	94.1	95.8	97.5	97.5	98.5	98.6	99.0	99.9	99.9	100.0	100.0
GE 100	68.8	86.2	89.8	92.1	93.4	94.1	95.8	97.5	97.5	98.5	98.6	99.0	99.9	99.9	100.0	100.0
GE 0	68.8	86.2	89.8	92.1	93.4	94.1	95.8	97.5	97.5	98.5	98.6	99.0	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS A&F MA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.7	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	50.1	56.0	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
GE 18000	50.2	56.5	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
GE 16000	50.2	56.5	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
GE 14000	50.6	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	51.6	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	52.6	59.7	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
GE 9000	53.0	60.1	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
GE 8000	54.3	62.5	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	63.2
GE 7000	55.6	64.5	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
GE 6000	55.9	65.0	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	57.6	67.2	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	58.3	68.2	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	62.1	73.0	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
GE 3500	65.1	77.1	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 3000	68.0	81.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 2500	68.2	82.7	84.2	84.6	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 2000	68.7	84.2	85.8	86.6	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1800	68.7	84.2	85.8	86.6	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1500	69.1	85.6	87.2	88.3	88.8	89.0	89.3	89.3	89.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7
GE 1200	69.1	85.8	87.4	88.4	89.1	89.2	89.6	89.6	89.6	89.7	89.9	89.9	90.1	90.1	90.1	90.1
GE 1000	69.2	85.9	87.6	89.0	89.6	89.7	90.3	90.3	90.3	90.4	90.5	90.5	90.8	90.8	90.8	90.8
GE 900	69.2	85.9	87.8	89.2	89.9	90.0	90.5	90.5	90.8	90.7	91.1	91.1	91.3	91.3	91.3	91.3
GE 800	69.2	86.0	87.9	89.4	90.1	90.8	91.0	91.0	91.1	91.2	91.3	91.7	91.9	91.9	91.9	91.9
GE 700	69.2	86.1	88.0	89.5	90.7	91.0	91.6	91.7	91.8	92.0	92.5	92.5	92.9	92.9	92.9	92.9
GE 600	69.2	86.2	88.2	89.7	90.8	91.6	92.3	92.5	92.6	93.1	93.6	93.6	94.1	94.1	94.1	94.1
GE 500	69.2	86.3	88.3	90.0	91.5	92.5	93.5	93.7	93.8	94.6	95.2	95.2	95.8	95.8	95.8	95.8
GE 400	69.2	86.3	88.3	90.0	91.5	92.5	93.6	94.1	94.2	95.2	95.8	95.8	96.6	96.6	96.8	96.8
GE 300	69.2	86.4	88.5	90.2	91.9	92.9	94.2	94.6	94.8	96.2	97.0	97.2	98.2	98.2	98.5	98.5
GE 200	69.2	86.4	88.5	90.2	91.9	92.9	94.2	94.6	94.8	96.2	97.0	97.2	98.7	98.9	99.3	99.3
GE 100	69.2	86.4	88.5	90.2	91.9	92.9	94.2	94.6	94.8	96.5	97.3	97.4	99.2	99.3	99.9	100.0
GE 0	69.2	86.4	88.5	90.2	91.9	92.9	94.2	94.6	94.8	96.5	97.3	97.4	99.2	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.2	54.0	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	47.8	56.4	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 18000	48.3	56.8	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	48.3	56.8	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	49.0	57.5	59.8	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
GE 12000	49.9	58.4	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	51.5	60.7	63.0	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
GE 9000	51.5	61.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	53.1	63.7	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 7000	54.5	66.3	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	54.5	66.3	69.1	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000	56.4	68.8	71.6	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	56.4	69.1	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	58.7	72.1	75.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1
GE 3500	60.3	74.6	78.5	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.4	80.4	80.4
GE 3000	62.4	77.8	82.4	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.5	84.5	84.5
GE 2500	63.0	78.8	83.6	84.8	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.9	86.1	86.1	86.1
GE 2000	63.5	80.1	85.0	86.1	86.8	86.8	87.3	87.5	87.5	87.5	87.5	87.5	87.8	88.0	88.0	88.0
GE 1800	63.5	80.1	85.0	86.1	86.8	87.1	87.5	87.8	87.8	87.8	87.8	87.8	88.0	88.2	88.2	88.2
GE 1500	63.7	80.8	85.9	87.3	88.0	88.2	88.7	88.9	88.9	88.9	88.9	88.9	89.1	89.4	89.4	89.4
GE 1200	64.0	81.3	86.4	87.8	88.7	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.8	90.1	90.1	90.1
GE 1000	64.0	81.5	86.6	88.2	89.4	89.6	90.5	90.8	90.8	90.8	90.8	90.8	91.0	91.2	91.2	91.2
GE 900	64.0	81.8	86.8	88.5	89.6	89.8	90.8	91.0	91.0	91.0	91.2	91.2	91.5	91.7	91.7	91.7
GE 800	64.0	81.8	86.8	88.7	89.8	90.1	91.0	91.2	91.2	91.5	91.7	91.7	91.9	92.1	92.1	92.1
GE 700	64.0	81.8	87.1	88.9	90.1	90.3	91.2	91.5	91.5	91.7	91.9	91.9	92.4	92.6	92.6	92.6
GE 600	64.0	81.8	87.3	89.1	90.6	90.8	91.7	91.9	91.9	92.1	92.4	92.4	92.4	93.1	93.1	93.1
GE 500	64.0	81.8	87.5	89.6	91.0	91.2	92.4	92.6	92.6	93.5	94.0	94.0	94.5	94.7	94.7	94.7
GE 400	64.0	81.8	87.5	89.6	91.2	91.5	92.8	93.1	93.1	94.2	94.7	94.7	95.4	95.8	96.1	96.1
GE 300	64.0	81.8	87.5	89.6	91.2	91.9	93.3	93.5	93.5	94.7	95.2	95.2	96.6	97.0	97.2	97.2
GE 200	64.0	81.8	87.5	89.6	91.2	92.1	93.5	93.8	93.8	94.9	95.6	95.6	97.5	97.9	98.6	99.1
GE 100	64.0	81.8	87.5	89.6	91.2	92.1	93.5	93.8	93.8	94.9	95.6	95.6	98.2	98.6	99.3	99.8
GE 0	64.0	81.8	87.5	89.6	91.2	92.1	93.5	93.8	93.8	94.9	95.6	95.6	98.2	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS A&F MA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.1	43.1	43.9	44.8	45.6	45.6	46.1	46.1	46.1	46.3	46.5	46.5	46.6	46.6	46.8	46.8
GE 20000	40.5	48.1	48.9	49.8	51.0	51.0	51.6	51.6	51.6	51.8	51.9	51.9	52.1	52.1	52.3	52.3
GE 18000	40.6	48.2	49.0	50.0	51.1	51.1	51.8	51.8	51.8	51.9	52.1	52.1	52.3	52.3	52.4	52.4
GE 16000	40.6	48.2	49.0	50.0	51.1	51.1	51.8	51.8	51.8	51.9	52.1	52.1	52.3	52.3	52.4	52.4
GE 14000	40.6	48.2	49.0	50.0	51.5	51.5	52.1	52.1	52.1	52.3	52.8	52.8	52.6	52.6	52.7	52.7
GE 12000	41.3	49.4	50.2	51.1	52.6	52.6	53.2	53.2	53.2	53.4	53.5	53.5	53.7	53.7	53.9	53.9
GE 10000	43.1	52.1	53.1	54.0	55.6	55.6	56.3	56.3	56.3	56.5	56.6	56.6	56.8	56.8	56.9	56.9
GE 9000	43.9	53.4	54.4	55.3	57.4	57.4	58.1	58.1	58.1	58.2	58.4	58.4	58.5	58.5	58.7	58.7
GE 8000	46.3	56.6	57.7	58.9	61.1	61.1	61.8	61.8	61.8	61.9	62.1	62.1	62.3	62.3	62.4	62.4
GE 7000	47.1	57.6	58.7	59.8	62.1	62.1	62.7	62.7	62.7	62.9	63.1	63.1	63.2	63.2	63.4	63.4
GE 6000	47.9	58.5	59.7	60.8	63.1	63.1	63.7	63.7	63.7	63.9	64.0	64.0	64.2	64.2	64.5	64.5
GE 5000	48.7	59.8	61.1	62.4	64.8	64.8	65.5	65.5	65.5	65.6	65.8	65.8	66.0	66.0	66.3	66.3
GE 4500	49.5	61.3	62.6	64.0	66.5	66.5	67.3	67.3	67.3	67.4	67.6	67.6	67.7	67.7	68.1	68.1
GE 4000	50.5	62.4	63.9	65.3	68.1	68.1	68.7	68.7	68.7	68.8	69.0	69.0	69.2	69.2	69.5	69.5
GE 3500	51.9	65.0	66.4	68.2	71.1	71.1	71.8	71.8	71.8	71.9	72.1	72.1	72.3	72.3	72.6	72.6
GE 3000	52.6	67.6	69.0	71.3	74.2	74.2	75.0	75.0	75.0	75.2	75.3	75.3	75.5	75.5	75.8	75.8
GE 2500	53.1	69.5	72.1	73.9	76.9	77.1	77.7	77.7	77.7	77.9	78.1	78.1	78.2	78.2	78.5	78.5
GE 2000	54.2	71.6	74.4	76.3	80.0	80.3	81.1	81.1	81.1	81.3	81.5	81.5	81.6	81.6	81.9	81.9
GE 1800	54.2	71.6	74.4	76.3	80.0	80.3	81.1	81.1	81.1	81.3	81.6	81.6	81.8	81.8	82.1	82.1
GE 1500	54.8	71.8	74.5	76.5	80.2	80.5	81.6	81.6	81.6	81.8	82.3	82.3	82.4	82.4	82.7	82.7
GE 1200	54.8	72.3	75.6	77.7	81.8	82.1	83.9	83.9	83.9	83.7	84.0	84.0	84.2	84.2	84.5	84.5
GE 1000	54.8	72.6	76.1	78.4	82.7	83.1	84.7	84.7	84.7	85.0	85.3	85.3	85.5	85.5	85.8	85.8
GE 900	54.7	72.7	76.5	78.7	83.2	83.5	85.2	85.2	85.2	85.4	86.0	86.0	86.3	86.3	86.6	86.6
GE 800	54.8	73.1	76.8	79.2	83.9	84.2	85.8	85.8	85.8	86.3	86.8	86.8	87.1	87.1	87.4	87.4
GE 700	54.8	73.4	77.3	79.7	84.5	84.8	86.6	86.6	86.6	87.3	87.7	87.7	88.1	88.1	88.4	88.4
GE 600	54.8	73.6	77.3	79.7	84.7	85.2	87.3	87.7	87.7	88.6	88.9	88.9	89.2	89.2	89.5	89.5
GE 500	54.8	73.7	77.9	80.3	86.1	86.6	88.7	89.4	89.4	90.0	91.0	91.0	91.3	91.6	91.9	91.9
GE 400	54.8	73.7	77.9	80.3	86.3	87.1	89.2	89.8	90.0	91.3	92.7	92.7	93.1	93.8	93.7	93.7
GE 300	54.8	73.7	77.9	80.3	86.3	87.3	89.4	90.2	90.3	91.6	93.1	93.2	93.7	94.0	94.4	94.4
GE 200	54.8	73.7	78.1	80.5	86.5	87.4	89.5	90.6	90.8	92.3	93.7	93.9	95.0	95.3	96.5	97.3
GE 100	54.8	73.7	78.1	80.5	86.5	87.4	89.5	90.6	90.8	92.3	93.7	94.0	95.3	95.8	97.3	99.2
GE 0	54.8	73.7	78.1	80.5	86.5	87.4	89.5	90.6	90.8	92.3	93.7	94.0	95.3	95.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74089D5 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.4	44.2	45.1	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
GE 20000	42.7	48.5	49.8	50.4	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1
GE 18000	42.7	48.6	49.9	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.3
GE 16000	42.7	48.6	49.9	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.3
GE 14000	43.0	48.9	50.2	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.6
GE 12000	43.7	50.2	51.9	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4
GE 10000	46.1	52.9	54.6	55.5	55.8	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2
GE 9000	46.9	54.0	55.7	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.3
GE 8000	48.4	56.8	59.0	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0
GE 7000	49.5	57.9	60.2	61.5	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2
GE 6000	50.7	59.1	61.4	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4
GE 5000	52.3	61.1	63.5	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.6
GE 4500	53.4	62.7	65.2	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.4
GE 4000	55.0	65.6	68.2	69.7	70.2	70.4	70.5	70.6	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.8
GE 3500	57.6	69.3	72.1	73.6	74.2	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 3000	59.7	72.7	75.9	77.6	78.2	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.1
GE 2500	60.4	74.4	78.1	79.8	80.5	80.8	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.5
GE 2000	61.1	75.9	79.7	81.6	82.6	83.0	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6
GE 1800	61.1	76.3	80.0	81.9	82.9	83.4	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0
GE 1500	61.3	76.8	80.6	82.6	83.6	84.1	84.6	84.8	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.3
GE 1200	61.5	77.9	82.2	84.1	85.8	86.5	87.0	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.5
GE 1000	61.7	78.5	82.8	85.0	86.8	87.6	88.3	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	89.0
GE 900	61.7	78.8	83.4	85.7	87.5	88.1	89.0	89.4	89.4	89.5	89.7	89.7	89.7	89.7	89.8	89.9
GE 800	61.7	78.9	83.6	85.8	87.7	88.3	89.4	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.3	90.4
GE 700	61.7	78.9	83.8	86.2	88.1	88.8	90.0	90.8	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.1
GE 600	61.7	78.9	83.8	86.2	88.1	88.8	90.9	91.1	91.1	91.8	92.1	92.1	92.1	92.1	92.2	92.3
GE 500	61.7	78.9	83.8	86.3	88.4	89.5	91.2	91.9	91.9	92.9	93.1	93.1	93.1	93.1	93.4	93.5
GE 400	61.7	78.9	83.8	86.8	89.2	90.4	92.8	93.1	93.1	94.1	94.9	94.9	95.3	95.3	95.5	95.7
GE 300	61.7	78.9	83.8	86.8	89.2	90.4	92.7	93.4	93.4	94.6	95.8	95.8	96.6	96.6	97.1	97.2
GE 200	61.7	78.9	83.8	86.8	89.2	90.4	92.7	93.5	93.5	94.7	96.1	96.1	97.8	97.8	98.4	99.0
GE 100	61.7	78.9	83.8	86.8	89.2	90.4	92.7	93.5	93.5	94.7	96.1	96.1	97.8	97.8	98.4	99.8
GE 0	61.7	78.9	83.8	86.8	89.2	90.4	92.7	93.5	93.5	94.7	96.1	96.1	97.8	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.4	44.6	44.9	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	45.8	50.8	51.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 18000	46.0	51.9	52.0	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	46.0	51.9	52.0	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	46.4	52.2	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	47.6	53.3	53.9	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
GE 10000	49.9	55.8	56.5	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	50.0	55.9	56.6	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	52.5	59.2	60.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	53.0	59.9	61.2	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000	59.2	61.2	62.6	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 5000	55.1	62.9	63.9	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
GE 4500	56.3	64.3	65.8	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	60.0	68.9	70.5	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3500	65.1	74.1	75.9	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	67.1	78.9	80.6	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	67.8	80.0	82.0	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	68.3	82.2	84.3	85.1	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	68.3	82.2	84.3	85.1	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	68.3	82.8	84.9	85.9	86.7	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	69.7	84.2	86.6	87.7	88.9	89.8	89.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	68.8	84.8	87.5	88.8	90.0	90.8	90.7	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	68.8	85.9	88.3	89.8	91.1	91.8	91.8	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	68.8	85.9	88.3	89.8	91.1	91.9	91.8	92.3	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	68.8	85.7	88.8	90.5	91.9	92.3	92.7	93.3	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	68.8	85.7	88.8	90.6	91.9	92.4	92.8	93.6	93.7	94.6	94.8	94.9	94.9	94.9	94.9	94.9
GE 500	68.8	85.7	88.9	90.6	92.0	92.6	93.1	94.9	95.2	96.0	96.4	96.5	96.6	96.6	96.9	96.9
GE 400	68.8	85.7	89.0	90.7	92.2	92.7	93.3	95.3	95.5	96.6	97.0	97.1	97.3	97.3	97.6	97.6
GE 300	68.8	85.7	89.0	90.7	92.2	92.7	93.4	95.6	95.8	97.3	97.7	97.8	98.1	98.1	98.3	98.3
GE 200	68.8	85.7	89.0	90.7	92.2	92.8	93.5	95.8	96.0	97.7	98.1	98.3	98.7	98.7	99.2	99.4
GE 100	68.8	85.7	89.0	90.7	92.2	92.8	93.5	95.8	96.0	97.7	98.1	98.4	98.8	98.8	99.4	100.0
GE 0	68.8	85.7	89.0	90.7	92.2	92.8	93.5	95.8	96.0	97.7	98.1	98.4	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1600-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.8	43.7	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	45.2	49.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	45.9	50.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	45.9	50.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	47.0	52.3	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	48.7	54.1	55.1	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
GE 10000	49.8	55.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	50.3	56.4	57.7	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
GE 8000	58.2	61.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	58.3	61.2	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	58.9	63.9	65.3	65.3	65.8	65.8	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	56.6	65.3	66.6	66.6	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	56.7	67.4	68.1	68.8	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4000	63.7	72.2	73.6	73.6	73.8	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	64.8	74.9	76.6	77.0	77.2	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	67.4	79.1	81.7	82.5	82.7	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	68.7	82.0	84.3	85.1	85.6	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	69.5	84.8	87.1	87.9	88.8	89.0	89.2	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	69.6	84.8	87.3	88.2	89.0	89.3	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	69.8	85.5	88.2	89.2	90.1	90.4	90.6	90.6	90.6	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 1200	69.9	86.4	89.0	90.3	91.2	91.6	92.0	92.1	92.1	92.4	92.4	92.4	92.6	92.6	92.6	92.6
GE 1000	69.9	86.6	89.3	90.6	91.9	91.8	92.0	92.7	92.7	93.3	93.4	93.4	93.5	93.5	93.5	93.5
GE 900	69.9	86.6	89.5	91.1	92.1	92.1	92.8	93.2	93.2	93.8	93.9	93.9	94.0	94.0	94.0	94.0
GE 800	69.9	87.1	90.0	91.7	92.8	93.1	93.8	94.2	94.2	94.8	95.0	95.1	95.2	95.2	95.4	95.4
GE 700	69.9	87.1	90.3	92.1	93.2	93.6	94.2	94.6	94.6	95.1	95.4	95.4	95.7	95.7	95.9	95.9
GE 600	69.9	87.1	90.5	92.3	93.6	93.9	94.6	95.4	95.4	96.4	96.7	97.0	97.1	97.1	97.2	97.2
GE 500	69.9	87.1	90.5	92.6	93.9	94.2	95.1	96.3	96.3	97.3	97.6	97.8	98.1	98.1	98.2	98.2
GE 400	69.9	87.1	90.5	92.6	93.9	94.3	95.7	97.2	97.2	98.2	98.8	98.7	99.0	99.0	99.1	99.1
GE 300	69.9	87.1	90.5	92.6	93.9	94.3	95.7	97.6	97.6	98.4	98.7	98.9	99.3	99.3	99.5	99.6
GE 200	69.9	87.1	90.5	92.6	93.9	94.3	95.7	97.6	97.6	98.5	98.8	99.0	99.5	99.5	99.8	99.8
GE 100	69.9	87.1	90.5	92.6	93.9	94.3	95.7	97.6	97.6	98.5	98.8	99.0	99.5	99.5	99.8	99.8
GE 0	69.9	87.1	90.5	92.6	93.9	94.3	95.7	97.6	97.6	98.5	98.8	99.0	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/8	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.1	50.2	51.2	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9
GE 20000	45.2	54.1	55.2	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0
GE 18000	45.2	54.1	55.2	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0
GE 16000	45.2	54.1	55.2	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0
GE 14000	45.3	54.5	55.6	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4
GE 12000	46.3	55.8	57.0	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8
GE 10000	47.1	57.6	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5
GE 9000	47.5	58.5	59.7	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5
GE 8000	50.2	62.0	63.2	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0
GE 7000	50.4	62.6	63.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5
GE 6000	50.6	62.8	64.0	64.0	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.7	64.7	64.7	64.7	64.7
GE 5000	52.7	65.3	66.7	66.9	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.6	67.6	67.6	67.6	67.6
GE 4500	54.2	68.0	69.4	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3
GE 4000	58.9	73.9	74.8	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8
GE 3500	61.8	77.3	78.7	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	78.8	78.8	78.8	78.8	78.8
GE 3000	62.4	80.4	82.2	82.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3
GE 2500	62.8	82.6	84.1	85.3	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2
GE 2000	63.6	84.7	86.2	87.4	88.0	89.1	88.7	88.9	89.0	89.0	89.0	90.1	90.1	90.1	90.1	90.1
GE 1800	63.6	84.7	86.2	87.4	89.1	89.3	89.9	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3
GE 1500	63.6	84.7	86.5	87.8	89.5	89.7	90.3	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7
GE 1200	63.6	85.6	87.2	88.6	90.3	90.6	91.1	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5
GE 1000	63.6	85.6	87.2	88.6	90.3	90.6	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2
GE 900	63.6	85.6	87.2	88.6	90.6	90.9	92.1	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4
GE 800	63.6	86.0	88.0	89.7	91.7	91.9	93.2	93.4	93.4	93.4	93.4	94.0	94.0	94.0	94.0	94.0
GE 700	63.6	86.0	88.2	89.9	91.9	92.1	93.4	93.6	93.6	93.6	93.6	94.6	94.6	94.6	94.6	94.6
GE 600	63.6	86.0	88.6	90.3	92.6	92.8	94.2	94.8	94.8	94.3	95.3	95.8	96.1	96.1	96.1	96.1
GE 500	63.6	86.0	88.8	90.5	92.6	92.8	94.6	95.3	95.3	95.9	95.9	96.6	96.9	96.9	96.9	96.9
GE 400	63.6	86.0	88.8	90.7	92.8	93.2	95.3	96.3	96.3	96.9	96.9	97.5	97.9	97.9	97.9	97.9
GE 300	63.6	86.0	88.8	90.9	93.0	93.6	96.1	97.1	97.1	97.7	97.7	98.3	98.8	98.8	98.8	98.8
GE 200	63.6	86.0	88.8	91.1	93.2	93.8	96.3	97.3	97.3	97.9	97.9	98.6	99.0	99.0	99.2	99.2
GE 100	63.6	86.0	88.8	91.1	93.2	93.8	96.3	97.3	97.3	97.9	97.9	98.6	99.0	99.0	99.6	99.6
GE 0	63.6	86.0	88.8	91.1	93.2	93.8	96.3	97.3	97.3	97.9	97.9	98.6	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/8	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/8	GE 0
NO CEIL	36.8	44.8	45.5	45.5	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8
GE 20000	39.5	48.2	48.9	48.9	49.8	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.5
GE 18000	40.2	48.9	49.5	49.5	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.1
GE 16000	40.2	48.9	49.5	49.5	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.1
GE 14000	40.5	49.8	50.0	50.0	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.6
GE 12000	41.1	50.8	51.5	51.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.1
GE 10000	43.9	54.8	55.5	55.5	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 9000	44.7	55.8	56.6	56.6	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.2
GE 8000	46.6	59.0	60.3	60.5	62.3	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.2
GE 7000	48.5	61.6	62.6	62.7	64.5	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5
GE 6000	48.7	62.0	63.0	63.5	65.3	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3
GE 5000	49.3	63.5	64.5	64.8	66.6	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6
GE 4500	49.8	64.0	65.2	65.5	67.3	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.2
GE 4000	50.6	65.8	66.9	67.3	69.0	69.2	69.5	69.7	69.9	69.7	69.7	69.7	69.7	69.7	69.7	70.0
GE 3500	51.3	67.1	68.9	68.7	70.5	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.5
GE 3000	52.1	69.5	70.6	71.0	73.2	73.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.7
GE 2500	53.1	71.1	72.9	72.9	76.3	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1
GE 2000	54.5	73.7	75.5	76.1	79.0	79.2	80.5	80.6	80.6	80.6	81.0	81.1	81.1	81.1	81.1	81.5
GE 1800	54.5	74.0	76.1	76.9	79.8	80.0	81.4	81.6	81.6	81.8	81.9	82.1	82.1	82.1	82.1	82.4
GE 1500	55.2	74.7	76.8	77.6	80.5	80.6	82.3	82.4	82.6	82.6	82.7	82.9	82.9	82.9	82.9	83.2
GE 1200	55.2	76.1	78.4	79.4	82.4	82.6	84.5	84.7	84.7	85.2	85.3	85.5	85.5	85.5	85.5	85.8
GE 1000	55.2	76.9	79.2	80.2	83.4	83.5	86.0	86.5	86.5	87.1	87.3	87.4	87.4	87.4	87.4	87.7
GE 900	55.2	76.9	79.4	80.3	83.5	83.8	86.3	86.8	86.8	87.6	87.7	87.9	87.9	87.9	87.9	88.2
GE 800	55.2	76.9	79.4	80.3	83.5	83.9	86.3	87.3	87.3	88.4	88.7	88.9	89.0	89.2	89.2	89.5
GE 700	55.2	76.9	79.4	80.3	83.7	84.0	86.8	87.7	87.7	88.9	89.8	89.5	90.0	90.2	90.3	90.6
GE 600	55.2	76.9	79.4	80.3	83.9	84.7	87.4	88.4	88.4	89.7	90.2	90.6	91.0	91.1	91.3	91.6
GE 500	55.2	76.9	79.4	80.3	83.9	84.7	88.2	89.5	89.5	91.1	91.9	92.3	92.7	93.1	93.2	93.5
GE 400	55.2	76.9	79.4	80.3	83.9	84.7	88.8	90.6	90.6	92.3	93.1	93.8	94.0	94.4	94.8	95.2
GE 300	55.2	76.9	79.4	80.3	83.9	84.7	89.2	91.1	91.1	93.1	94.0	94.6	95.5	95.8	96.3	96.6
GE 200	55.2	76.9	79.4	80.3	83.9	84.7	89.2	91.1	91.1	93.7	95.2	96.1	97.3	97.7	98.9	99.2
GE 100	55.2	76.9	79.4	80.3	83.9	84.7	89.2	91.1	91.1	93.7	95.2	96.1	97.4	98.1	99.2	99.7
GE 0	55.2	76.9	79.4	80.3	83.9	84.7	89.2	91.1	91.1	93.7	95.2	96.1	97.4	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS A&F MA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.1	49.1	49.6	49.8	49.9	49.9	49.1	49.1	49.1	49.2	49.3	49.3	49.3	49.4	49.8	49.9
GE 20000	49.2	49.0	49.5	50.1	50.2	50.2	50.3	50.3	50.3	50.4	50.5	50.6	50.6	50.7	50.7	50.7
GE 18000	49.6	49.6	50.1	50.7	50.8	50.8	50.9	50.9	50.9	51.0	51.2	51.2	51.2	51.3	51.3	51.3
GE 16000	49.6	49.6	50.1	50.7	50.8	50.8	50.9	50.9	50.9	51.0	51.2	51.2	51.2	51.3	51.3	51.3
GE 14000	49.3	50.3	50.8	51.4	51.5	51.5	51.6	51.6	51.6	51.8	51.8	51.8	51.8	52.0	52.0	52.0
GE 12000	49.3	51.9	52.4	53.0	53.1	53.1	53.2	53.2	53.2	53.3	53.6	53.6	53.6	53.6	53.6	53.6
GE 10000	50.5	54.2	56.6	57.2	57.4	57.8	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8	57.9	57.8
GE 9000	51.5	57.9	57.9	58.5	58.6	58.6	58.7	58.7	58.7	58.8	59.0	59.0	59.0	59.1	59.1	59.1
GE 8000	54.1	61.9	62.4	63.2	63.6	63.6	63.9	63.9	63.9	64.1	64.2	64.2	64.2	64.3	64.3	64.3
GE 7000	55.8	63.2	64.2	65.3	65.6	65.6	66.3	66.3	66.3	66.6	66.5	66.5	66.5	66.6	66.6	66.6
GE 6000	56.8	64.8	65.9	67.0	67.4	67.8	68.0	68.0	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3
GE 5000	57.0	65.7	66.7	67.8	68.3	68.3	68.8	68.8	68.8	68.9	69.1	69.1	69.1	69.2	69.2	69.2
GE 4500	57.1	65.8	67.1	68.2	68.7	68.7	69.2	69.2	69.2	69.3	69.6	69.6	69.6	69.5	69.5	69.5
GE 4000	58.1	67.8	69.4	70.6	71.1	71.1	71.6	71.7	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.1
GE 3500	59.7	69.2	71.1	72.4	72.8	72.8	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.8	73.8	73.8
GE 3000	61.6	72.0	73.9	76.2	76.6	76.6	76.8	76.9	76.9	76.9	76.6	76.6	76.6	76.7	76.7	76.7
GE 2500	62.9	74.3	76.2	77.5	78.1	78.1	78.4	78.4	78.4	78.0	79.2	79.2	79.2	79.3	79.3	79.3
GE 2000	63.2	75.5	77.5	78.7	79.5	79.5	80.0	80.5	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9
GE 1800	63.2	75.6	77.6	78.8	79.6	79.6	80.6	81.1	81.1	81.2	81.4	81.4	81.4	81.5	81.5	81.5
GE 1500	63.3	76.1	78.3	79.9	81.1	81.2	82.6	82.8	82.8	82.9	83.2	83.2	83.2	83.3	83.3	83.3
GE 1200	63.3	76.9	79.3	81.1	82.3	82.6	83.8	84.2	84.2	84.3	84.7	84.7	84.7	84.8	84.8	84.8
GE 1000	63.7	78.2	80.8	82.7	84.2	84.6	86.2	86.7	86.7	87.0	87.3	87.3	87.3	87.5	87.5	87.5
GE 900	63.7	78.6	81.1	83.1	84.6	84.6	86.7	87.6	87.7	87.9	88.7	88.7	88.7	88.8	88.8	88.8
GE 800	63.7	78.6	81.2	83.3	84.9	85.6	87.3	88.2	88.8	88.7	89.6	89.6	89.6	89.6	89.6	89.6
GE 700	63.7	78.7	81.4	83.7	85.3	85.3	88.1	88.9	89.2	89.4	90.3	90.3	90.6	90.7	90.9	90.9
GE 600	63.7	78.7	81.4	83.7	85.6	85.9	89.9	89.4	89.6	90.3	91.4	91.4	91.8	92.0	92.1	92.1
GE 500	63.7	78.7	81.4	83.7	85.6	86.0	90.2	90.7	91.0	91.8	92.9	93.1	93.4	93.7	93.8	93.8
GE 400	63.7	78.7	81.4	83.7	85.9	86.4	90.9	92.0	92.3	93.3	94.9	95.0	96.0	96.2	96.3	96.3
GE 300	63.7	78.7	81.4	83.7	86.0	86.5	90.1	92.2	92.6	93.6	95.6	95.9	97.2	97.6	98.1	98.2
GE 200	63.7	78.7	81.4	83.7	86.0	86.5	90.1	92.2	92.6	93.9	96.1	96.3	97.9	98.3	99.1	99.3
GE 100	63.7	78.7	81.4	83.7	86.0	86.5	90.1	92.2	92.6	93.9	96.1	96.3	97.9	98.3	99.5	100.0
GE 0	63.7	78.7	81.4	83.7	86.0	86.5	90.1	92.2	92.6	93.9	96.1	96.3	97.9	98.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1200-1600

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.0	43.0	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
GE 20000	45.6	49.3	49.4	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
GE 18000	46.1	50.1	50.2	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
GE 16000	46.3	50.2	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	46.8	50.7	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
GE 12000	49.3	53.7	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
GE 10000	52.8	57.3	57.5	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
GE 9000	53.0	58.2	58.3	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
GE 8000	57.6	63.6	64.1	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 7000	58.7	64.9	65.2	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	59.9	65.8	66.0	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	60.3	66.7	66.9	67.7	67.7	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	60.3	66.8	67.0	67.9	68.0	68.0	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4000	61.7	69.2	69.4	70.4	70.6	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	64.3	72.6	73.0	74.0	74.3	74.5	74.6	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	69.3	76.4	76.9	77.1	77.4	77.8	77.8	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9
GE 2500	66.8	76.8	77.1	78.5	78.7	78.7	79.0	79.1	79.1	79.2	79.2	79.2	79.8	79.4	79.8	79.8
GE 2000	67.5	77.9	79.0	80.8	81.1	81.1	81.6	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0
GE 1800	67.5	78.0	79.2	81.1	81.6	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 1500	67.7	78.7	80.8	83.0	83.5	83.5	84.2	84.3	84.6	85.0	85.0	85.0	85.1	85.2	85.2	85.2
GE 1200	67.8	79.6	82.0	84.5	85.1	85.1	85.9	86.1	86.4	86.7	86.7	86.7	86.8	86.9	86.9	86.9
GE 1000	67.9	80.3	82.7	85.2	85.8	85.8	87.3	87.6	87.9	88.5	88.6	88.6	88.8	88.9	89.2	89.2
GE 900	67.9	80.5	83.1	85.6	86.2	86.2	87.8	88.1	88.4	89.7	89.8	89.8	90.2	90.3	90.5	90.5
GE 800	67.9	80.7	83.3	86.1	86.8	86.8	88.8	89.3	89.6	90.9	91.0	91.0	91.4	91.5	91.8	91.8
GE 700	68.0	80.8	83.5	86.4	87.6	87.7	90.2	90.7	90.9	92.3	92.4	92.4	93.0	93.2	93.4	93.4
GE 600	68.0	80.8	83.5	86.4	87.6	87.7	90.8	91.3	91.5	92.9	93.0	93.0	93.8	93.9	94.2	94.2
GE 500	68.0	80.8	83.6	86.6	88.2	88.3	92.0	92.7	93.0	94.5	94.8	94.8	95.9	96.1	96.4	96.4
GE 400	68.0	80.8	83.6	86.6	88.3	88.4	92.8	93.2	93.5	95.5	96.0	96.0	97.4	97.6	98.0	98.0
GE 300	68.0	80.8	83.6	86.6	88.3	88.8	92.5	93.3	93.7	95.8	96.5	96.5	97.9	98.1	98.5	98.5
GE 200	68.0	80.8	83.6	86.6	88.3	88.8	92.7	93.5	93.9	96.1	96.9	97.0	99.0	99.3	99.8	99.8
GE 100	68.0	80.8	83.6	86.6	88.3	88.8	92.7	93.5	93.9	96.1	96.9	97.0	99.0	99.3	99.9	100.0
GE 0	68.0	80.8	83.6	86.6	88.3	88.8	92.7	93.5	93.9	96.1	96.9	97.0	99.0	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	92.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 20000	47.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	48.5	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
GE 16000	48.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	49.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	52.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	59.9	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	59.6
GE 9000	55.6	60.5	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 8000	59.1	64.8	65.3	65.3	65.3	65.3	65.8	65.9	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9
GE 7000	60.4	66.9	67.1	67.1	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	60.9	67.6	67.9	67.9	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	62.2	69.1	69.5	69.6	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4500	62.7	69.9	70.2	70.4	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	64.4	72.2	72.7	72.8	73.7	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	66.8	75.9	76.8	76.8	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9
GE 3000	67.7	76.2	77.3	77.9	78.5	78.1	78.8	78.9	78.9	78.9	78.9	78.9	79.2	79.2	79.2	79.2
GE 2500	67.7	77.7	79.1	79.8	80.6	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
GE 2000	68.7	79.5	81.0	81.5	83.1	83.6	83.8	83.8	83.8	83.8	83.8	83.8	84.3	84.3	84.5	84.5
GE 1800	68.7	79.7	81.1	81.6	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.4	84.4	84.6	84.6
GE 1600	68.7	80.5	82.2	83.0	85.1	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.7
GE 1300	68.7	80.6	82.6	83.9	86.1	86.1	86.6	87.0	87.0	87.0	87.0	87.0	88.0	88.0	88.1	88.1
GE 1000	68.3	80.8	82.9	83.7	86.2	86.3	88.0	88.1	88.3	89.1	89.5	89.5	89.8	89.8	90.2	90.2
GE 900	68.7	80.8	82.9	83.7	86.2	86.7	88.4	88.8	88.8	89.5	89.7	89.8	90.0	90.0	90.8	90.8
GE 800	68.7	81.1	83.1	83.9	86.6	87.0	88.6	88.9	89.1	90.3	90.6	90.7	90.9	90.9	91.3	91.3
GE 700	68.7	81.1	83.1	84.3	86.8	87.5	89.5	90.2	90.8	91.6	91.8	92.0	92.2	92.3	92.7	92.7
GE 600	68.7	81.1	83.1	84.3	87.0	87.7	90.2	91.2	91.9	92.6	92.8	93.0	93.2	93.4	93.7	93.7
GE 500	68.7	81.1	83.3	84.9	87.2	88.0	90.8	92.1	92.7	94.0	94.4	94.5	95.3	95.4	95.9	95.9
GE 400	68.7	81.1	83.3	84.9	87.2	88.0	91.1	92.8	93.7	95.1	95.8	95.9	97.2	97.3	98.0	98.0
GE 300	68.7	81.1	83.3	84.9	87.2	88.0	91.1	92.8	94.0	96.6	96.2	96.3	97.6	97.7	98.6	98.6
GE 200	68.7	81.1	83.3	84.9	87.2	88.0	91.1	92.8	94.0	95.8	96.6	96.6	98.1	98.2	99.5	99.5
GE 100	68.7	81.1	83.3	84.9	87.2	88.0	91.1	92.8	94.0	95.9	96.6	96.7	98.2	98.3	99.9	99.9
GE 0	68.7	81.1	83.3	84.9	87.2	88.0	91.1	92.8	94.0	95.9	96.6	96.7	98.2	98.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 744905 STATION NAME: FT DEVENS AAF MA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.9	51.3	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	49.1	55.5	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	49.1	55.5	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	49.6	55.9	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	49.8	56.6	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	50.9	58.5	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 10000	52.6	61.1	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	52.8	61.8	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	55.6	66.2	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	56.6	67.7	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	56.8	67.9	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	57.2	69.0	69.4	69.4	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	57.8	69.9	70.3	70.3	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	59.6	71.6	72.8	72.8	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	60.8	73.2	75.5	75.5	76.4	76.4	76.9	76.9	76.9	77.1	77.1	77.1	77.5	77.5	77.5	77.5
GE 3000	62.0	76.0	77.3	77.3	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.5	79.5	79.5	79.6
GE 2500	62.2	77.6	79.0	79.3	80.6	81.0	81.2	81.2	81.2	81.7	81.7	81.7	82.1	82.1	82.1	82.1
GE 2000	62.8	79.6	81.2	81.7	83.2	83.6	83.8	83.8	83.8	84.7	84.7	84.7	85.2	85.2	85.2	85.2
GE 1800	62.9	78.7	81.9	81.9	83.6	84.3	84.5	84.5	84.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8
GE 1500	62.9	80.1	82.1	82.5	84.3	85.4	86.0	86.0	86.0	86.9	86.9	86.9	87.3	87.3	87.3	87.6
GE 1200	62.9	80.3	82.1	82.5	85.0	87.1	87.8	87.8	87.8	88.6	88.6	88.6	89.3	89.5	89.5	89.7
GE 1000	63.1	80.8	82.5	83.0	86.2	87.8	88.1	89.1	89.1	90.0	90.0	90.0	90.6	90.8	90.8	91.3
GE 900	63.1	81.0	82.8	83.4	87.1	88.6	90.0	90.0	90.0	90.8	90.8	90.8	91.5	91.7	91.7	92.1
GE 800	63.1	81.0	83.0	83.8	87.6	89.1	90.6	90.6	90.6	91.3	91.3	91.3	91.9	92.1	92.1	92.6
GE 700	63.1	81.2	83.2	84.1	87.8	89.3	90.6	90.6	90.6	91.5	91.5	91.5	92.1	92.4	92.4	92.8
GE 600	63.1	81.2	83.4	84.3	88.0	89.5	91.3	91.3	92.1	93.0	93.0	93.0	93.7	93.9	93.9	94.3
GE 500	63.1	81.2	83.6	84.5	88.2	89.7	91.7	92.1	92.6	93.0	93.4	93.8	94.1	94.3	94.3	94.8
GE 400	63.1	81.2	83.6	84.7	88.4	90.4	92.4	92.8	93.4	94.4	94.8	94.8	95.4	95.6	95.6	96.1
GE 300	63.1	81.2	83.6	84.7	89.1	90.6	92.6	93.0	93.7	95.0	95.4	95.4	96.4	96.7	97.0	97.8
GE 200	63.1	81.2	83.6	84.7	89.1	90.6	92.6	93.0	93.7	95.0	95.4	95.8	96.9	97.2	98.3	98.9
GE 100	63.1	81.2	83.6	84.7	89.1	90.6	92.6	93.0	93.7	95.0	95.6	95.6	97.4	97.6	98.9	99.6
GE 0	63.1	81.2	83.6	84.7	89.1	90.6	92.6	93.0	93.7	95.0	95.6	95.6	97.4	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 658

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

EIGHTS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10
Scattered was converted to 3/10
Broken was converted to 9/10
Overcast was converted to 10/10
Obscured was converted to 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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													
	03-05													
	06-08	16.2			26.2						19.3	38.2	6.4	667
	09-11	13.0			26.5						20.0	40.5	6.6	894
	12-14	11.1			27.6						21.0	40.3	6.8	885
	15-17	9.5			29.6						23.1	37.8	6.7	859
	18-20	17.4			34.7						14.5	33.4	5.7	524
	21-23													
TOTALS		13.4			28.9						19.6	38.0	6.4	3829

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

744906 FT DEVENS AAF MA 75-84 FEB

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02													
	03-05													
	06-08	12.8			30.8						18.2	38.2	6.4	610
	09-11	13.4			25.8						20.9	39.9	6.6	818
	12-14	10.9			27.8						22.1	39.2	6.7	814
	15-17	11.5			30.9						21.8	35.7	6.5	792
	18-20	17.6			32.7						16.2	33.5	5.8	499
	21-23													
TOTALS		13.2			29.6						19.8	37.3	6.4	3533

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

744906 FT DEVENS AAF MA 75-84 MAR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02													
	03-05													
	06-08	12.1			23.8						20.4	43.7	6.9	741
	09-11	8.4			27.5						22.3	41.8	7.0	925
	12-14	8.6			26.0						23.6	41.8	7.1	923
	15-17	8.3			27.8						24.0	39.9	7.0	889
	18-20	9.3			36.4						18.4	36.0	6.3	539
	21-23													
TOTALS		9.3			28.3						21.7	40.6	6.9	4017

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — 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													
	03-05													
	06-08	11.3			25.5						21.6	41.7	6.9	746
	09-11	8.6			27.0						22.3	42.1	7.0	879
	12-14	5.2			26.3						27.2	41.3	7.4	882
	15-17	4.8			26.3						27.2	41.7	7.4	868
	18-20	6.3			29.8						22.9	41.0	7.1	507
	21-23													
TOTALS		7.2			27.0						24.2	41.6	7.2	3882

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

744906 STATION | FT DEVENS AAF MA STATION NAME | 75-84 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													
	03-05													
	06-08	10.4			25.8						24.2	39.6	6.9	894
	09-11	6.2			28.8						27.2	37.8	7.1	897
	12-14	4.1			27.3						31.3	37.2	7.4	894
	15-17	4.2			24.8						32.4	38.6	7.5	874
	18-20	4.4			28.5						28.5	38.5	7.3	410
	21-23													
TOTALS		5.9			27.0						28.7	38.3	7.2	3969

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (PERIOD) JUN (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													
	03-05													
	06-08	10.3			36.1						16.5	37.1	6.3	895
	09-11	5.2			35.0						26.7	33.1	6.8	898
	12-14	1.6			32.6						32.8	33.1	7.2	900
	15-17	1.8			37.0						31.1	30.1	6.9	890
	18-20	4.6			37.6						29.1	28.6	6.6	433
	21-23													
TOTALS		4.7			35.7						27.2	32.4	6.8	4016

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02													
	03-05													
	06-08	11.5			34.2						24.1	30.3	6.2	881
	09-11	5.5			38.1						28.6	27.9	6.5	896
	12-14	2.5			38.8						33.5	25.3	6.7	895
	15-17	1.3			40.9						34.3	23.5	6.7	880
	18-20	5.7			37.4						32.9	24.1	6.5	423
	21-23													
TOTALS		5.3			37.9						30.7	26.2	6.5	3975

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — 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													
	03-05													
	06-08	11.3			29.2						23.3	36.2	6.6	901
	09-11	8.0			30.9						27.0	34.1	6.8	923
	12-14	1.6			36.0						29.7	32.7	7.0	929
	15-17	1.2			38.4						29.0	31.3	6.9	913
	18-20	3.1			35.9						29.9	31.0	6.9	448
	21-23													
TOTALS		5.0			34.1						27.8	33.1	6.8	4114

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

744906 FT DEVENS AAF MA 75-84 SEP

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02													
	03-05													
	06-08	14.8			34.1						19.2	31.9	5.9	847
	09-11	8.3			37.6						26.2	27.8	6.3	869
	12-14	4.1			36.9						31.3	27.6	6.7	868
	15-17	5.9			39.5						24.9	29.7	6.4	835
	18-20	12.0			37.8						24.0	26.3	5.9	392
	21-23													
TOTALS		9.0			37.2						25.1	28.7	6.2	3811

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02													
	03-05													
	06-08	12.0			29.4						22.1	36.5	6.5	843
	09-11	10.7			31.3						22.9	35.1	6.5	890
	12-14	7.2			31.3						28.0	33.5	6.8	883
	15-17	8.9			33.5						24.9	32.7	6.5	877
	18-20	14.1			35.4						20.8	29.6	5.9	432
	21-23													
TOTALS		10.6			32.2						23.7	33.5	6.4	3925

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05													
	06-08	12.4			29.4						21.8	36.3	6.5	619
	09-11	8.2			28.6						26.3	37.0	6.9	830
	12-14	5.8			31.4						28.0	34.8	6.9	830
	15-17	6.6			30.2						27.5	35.7	7.0	821
	18-20	15.1			29.7						19.2	36.0	6.2	516
	21-23													
TOTALS		9.6			29.9						24.6	36.0	6.7	3616

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — PERIOD
DEC — 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													
	03-05													
	06-08	14.9			26.2						20.5	38.4	6.5	619
	09-11	9.3			28.9						22.3	39.6	6.8	821
	12-14	6.6			28.9						22.0	42.5	7.1	804
	15-17	8.0			30.4						22.5	39.1	6.8	783
	18-20	18.8			28.8						15.5	36.9	5.9	458
	21-23													
TOTALS		11.5			28.6						20.6	39.3	6.6	3485

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

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

1. Cumulative percentage frequency of occurrence--Derived from available hourly 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 HIGH temperatures (for available observations)
b. Daily LOW temperatures (for available observations)
c. Daily mean temperatures (high + low temperatures divided by two)

4

2. 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 available 3-hour groups with all 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 which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

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 dewpoint 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 dewpoint 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.

Continued on Reverse

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. 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 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
744905 FT DEVENS AAF MA 61-63, 74-84
STATION STATION NAME YEARS

DAILY TEMPERATURES

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							.5	.5					.1
95				.3	.8	.8	5.4	.7					.7
90				1.1	2.3	9.3	19.6	7.7	1.8				3.6
85			.3	2.1	8.4	25.4	46.6	31.7	7.5	.3			10.5
80				4.8	19.1	50.0	70.9	57.1	19.1	1.6			19.2
75			1.0	8.5	36.3	69.9	88.4	77.1	39.9	7.4	.3		28.3
70			3.1	14.8	53.3	85.8	97.7	89.5	58.0	19.5	3.6		36.5
65		.3	6.9	25.9	69.5	92.0	99.5	94.8	76.9	34.3	9.9	1.9	43.8
60		2.0	10.2	39.7	84.1	95.9	100.0	99.0	91.5	53.0	19.2	3.3	51.1
55	1.7	4.9	16.3	57.1	90.9	99.0		100.0	97.7	72.0	33.0	6.3	57.8
50	2.8	9.2	28.3	74.6	96.6	100.0			100.0	86.3	49.7	9.8	64.3
45	7.2	17.2	50.3	87.0	99.2					97.1	70.1	20.8	71.8
40	16.9	31.8	68.6	96.8	100.0					98.9	86.3	40.4	79.2
35	36.6	51.9	85.2	99.2						100.0	96.4	60.9	86.5
30	57.3	72.2	94.6	99.5							98.6	79.8	92.2
25	75.6	87.4	98.7	99.7							99.7	90.4	96.2
20	88.1	95.4	100.0	100.0							100.0	95.6	98.3
15	95.6	98.6										98.6	99.4
10	98.9	100.0										99.7	99.9
5	99.7											100.0	100.0
0	100.0												100.0
MEAN	31.1	35.6	45.1	57.4	70.0	78.3	83.4	79.9	71.5	60.5	50.3	37.3	58.4
S D	9.555	10.163	10.755	11.672	10.728	8.862	7.093	7.786	8.744	9.449	10.006	10.448	20.083
TOTAL OBS	361	349	392	378	383	386	388	401	398	379	364	366	4545

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

[illegible] AL CLIMATOLOGY BRANCH
[illegible]ETAC
4[illegible] [illegible]EATHER SERVICE/MAC
[illegible]4905 [illegible] DEVENS AAF [illegible]

STATION STATION NAME

DAILY TEMPERATURES

61-63, 74-84

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ [illegible]							.3	.2					[illegible]
≥ [illegible]					[illegible]	[illegible]	4.6	1.2					.6
≥ [illegible]						[illegible]	17.3	9.5	1.6				[illegible]
≥ [illegible]					[illegible]	[illegible]	42.6	72.4	4.7				[illegible]
≥ [illegible]				1.1	11.2	43.5	69.6	55.4	16.4	2.7	1.1		17.4
≥ [illegible]			[illegible]	4.[illegible]	26.4	65.0	88.7	74.8	36.7	[illegible]	[illegible]	.8	26.7
≥ [illegible]	[illegible]		1.[illegible]	10.3	47.8	[illegible]7.3	95.1	90.8	57.3	22.5	[illegible]		36.3
≥ 4[illegible]		[illegible]	[illegible]	23.1	70.[illegible]	98.4	99.7	95.0	73.9	40.7	14.0	2.2	44.6
≥ [illegible]	1.9	[illegible]	10.2	43.9	[illegible]4.6	100.0	100.0	99.8	87.3	58.2	27.5	5.5	52.8
≥ [illegible]	[illegible]	[illegible]	27.6	70.0	96.6			100.0	95.3	74.5	49.2	13.9	62.8
≥ [illegible]3	[illegible]	15.2	37.2	81.4	98.4				98.7	82.4	57.1	18.9	67.5
≥ [illegible]	16.3	24.4	53.1	90.5	100.0				99.7	91.5	68.7	35.2	74.1
≥ [illegible]	[illegible]6.9	35.0	73.2	97.6					100.0	98.6	88.5	53.0	[illegible]1.7
≥ [illegible]	42.7	51.0	84.9	98.9						100.0	97.0	65.6	87.2
≥ 1[illegible]	56.0	63.0	92.9	99.5							99.7	76.8	91.0
≥ 1[illegible]	[illegible]7.3	75.1	96.9	100.0							100.0	86.3	94.2
≥ [illegible]	83.7	84.8	99.0									93.7	96.9
≥ [illegible]	[illegible]2.2	92.3	100.0									97.5	98.6
≥ -[illegible]	[illegible]7.8	96.3										98.4	99.4
≥ -1[illegible]	[illegible]8.9	99.1										99.7	99.8
≥ -1[illegible]	[illegible]9.7	99.7										100.0	100.0
≥ -[illegible]	100.0	100.0											100.0
MEAN	16.5	1[illegible].6	29.1	39.0	49.[illegible]	58.0	62.9	60.1	50.7	41.9	34.8	23.4	4[illegible].3
S D	11.985	12.715	9.390	8.078	8.3[illegible]9	7.166	6.834	7.633	9.104	9.392	9.302	11.631	18.116
TOTAL OBS	361	349	392	377	3[illegible]3	386	338	4[illegible]1	379	364	364	366	4510

USAFETAC FORM [illegible] 0-21 5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION [illegible] STATION NAME [illegible] YEARS [illegible]1-6[illegible], 74-[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ [illegible]					.	.3	[illegible].1	1.[illegible]					.[illegible]
≥ [illegible]					.[illegible]	[illegible].4	1[illegible].[illegible]	7.[illegible]	1.1				[illegible]
≥ [illegible]				.	4.4	[illegible].7	41.[illegible]	[illegible].9	3.7				.[illegible]
≥ [illegible]				1.[illegible]	12.[illegible]	47.4	72.2	[illegible].6	15.[illegible]	1.1			[illegible].7
≥ [illegible]			.	[illegible].9	[illegible]1.1	7[illegible]	92.[illegible]	7[illegible].1	72.7	7.1	1.[illegible]		[illegible]
≥ [illegible]			1.[illegible]	11.4	[illegible].4	[illegible]	99.7	[illegible]	[illegible]	1[illegible].9	[illegible].2	.	[illegible]
≥ [illegible]	.		[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	79.[illegible]	[illegible]	1[illegible]	1.1	[illegible]
≥ [illegible]	.[illegible]	.[illegible]	7.[illegible]	[illegible]	[illegible]	99.7		1[illegible]	[illegible]4.7	[illegible]	1[illegible]	3.[illegible]	[illegible].1
≥ 4[illegible]	1.[illegible]	[illegible]	1[illegible].9	64.2	[illegible]7.7	1[illegible]			1[illegible]	[illegible]	[illegible]	7.1	[illegible].1
≥ [illegible]	[illegible]	1[illegible]	4[illegible]	[illegible]8.1	[illegible]9.7					[illegible]	[illegible]	17.[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible].7	[illegible]	97.[illegible]	1[illegible]					[illegible]	[illegible]	[illegible]	77.9
≥ [illegible]	[illegible]1.[illegible]	41.5	[illegible]	99.2						1[illegible]	[illegible].1	[illegible].7	[illegible]
≥ [illegible]	47.[illegible]	[illegible]	[illegible]1.3	[illegible]9.5							[illegible]	73.[illegible]	[illegible].7
≥ [illegible]	[illegible].4	7[illegible]	[illegible]	[illegible]9.7							[illegible].7	[illegible]	[illegible]
≥ [illegible]	[illegible].3	[illegible].1	[illegible]	1[illegible]							1[illegible]	[illegible]4.[illegible]	[illegible]7.[illegible]
≥ [illegible]	[illegible]	[illegible].4	1[illegible]									[illegible]7.[illegible]	[illegible]
≥ [illegible]	7.[illegible]	[illegible]										[illegible]	[illegible]9.6
≥ [illegible]	[illegible]	1[illegible]										[illegible]	1[illegible]
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	34.[illegible]	[illegible]7.3	37.4	48.5	[illegible].7	63.4	73.4	7[illegible].5	[illegible]1.1	[illegible]1.3	[illegible]	[illegible]	[illegible]
S.D.	10.[illegible]	[illegible].471	[illegible].173	[illegible].753	[illegible].377	7.[illegible]04	5.069	6.[illegible]12	7.563	[illegible].229	[illegible].781	[illegible].34[illegible]	1[illegible]
TOTAL OBS	361	349	37[illegible]	377	3[illegible]	3[illegible]6	398	4[illegible]1	37[illegible]	364	364	366	[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible]49.5 STATION — FI DEVEN AAF MA STATION NAME — 61-63, 74-84 YEARS

HOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]								*	[illegible]*	81	74	54	
[illegible]	[illegible]	55	77	91	96	91	92	92	86	79	66	66	96
[illegible]	[illegible]	45	71	72	[illegible]	95	100*	55*	85				
74	* 54*	55*	66*	67*	86*	95*	92*	92*	86*	77*	75*	56	* 95
[illegible]	* [illegible]*	54*	53	70*	94	93*	93	102*	79*	83*	74*	67	102
76	* [illegible]2*	65	74	92*	86	93*	92	93*	86*	76*	65*	54	95
77	* 77*	47	36*	56*	91	87*	96	94*	86*	75*	74*	47	* 96
7[illegible]	* [illegible]	39	60	75*	9[illegible]	92*	95	89*	87*	78*	74*	59	* 95
7[illegible]	* 5[illegible]*	54	77	[illegible]0*	96	93*	98	91*	86*	87*	72*	65	* 98
[illegible]	* 5[illegible]*	52	62*	75*	86	94*	96	92*	93*	74*	61*	62	* 96
[illegible]	* 46*	64	75*	74*	91	99*	10[illegible]	95*	87*	75*	66*	53	* 100
[illegible]	* 4[illegible]*	5[illegible]	73	[illegible]4*	39	88*	98	89*	85	77*	74*	6[illegible]	* 98
[illegible]	* 5[illegible]*	5[illegible]	61	83*	76	92*	93	93*	94	90*	65*	5[illegible]	* 94
[illegible]	* 4[illegible]*	6[illegible]	5[illegible]*	79*	85	93*	91	90*	83*	76*	67*	69	93
MEAN	[illegible]	46.7	69.4	81.3	91.[illegible]	92.3	96.[illegible]	92.5		78.7	7[illegible].0	61.[illegible]	61.[illegible]
S D			1[illegible].131	8.844		3.172		[illegible].725					
TOTAL OBS	361	349	392	378	383	386	388	401	398	379	364	366	4545

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

7449.5 STATION — FT DEVENS AAF MA STATION NAME — 61-63, 74-84 YEARS

HOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]								*	52*	2[illegible]	22	2	
[illegible]	-[illegible]	-17	5	[illegible]	32	44	43	45	3[illegible]	24	16	-7	-17
[illegible]		-9	9	24	35	44	47*	44*	2[illegible]				
74	* 73*	-1*	11*	26*	35*	44*	52*	45*	33*	25*	15*	12	* -1
[illegible]	* [illegible]*	-13*	11	25*	39	45*	52	49*	35*	33*	26*	2	* -13
76	* -1[illegible]*	[illegible]	10*	21*	36	42*	45	43*	32*	24*	12*	-1	* -13
77	* -[illegible]*	-3	20*	24*	31	40*	47	44*	40*	26*	25*	-[illegible]	* -8
7[illegible]	* [illegible]	-1[illegible]	4	[illegible]2*	3[illegible]	48*	49	51*	32*	21*	16*	[illegible]	-10
7[illegible]	* [illegible]*	-10	15	33*	42	47*	48	42*	33*	30*	28*	3	* -10
[illegible]	* [illegible]*	1	4*	23*	37	45*	5[illegible]	51*	33*	23*	19*	-11	* -11
[illegible]	* -1[illegible]*	5	15*	32*	31	48*	54	45*	37*	30*	22*	1[illegible]	* -12
[illegible]	* -1[illegible]*	1	4	13*	4[illegible]	47*	56	38*	4[illegible]	25*	23*	[illegible]	* -13
[illegible]	* [illegible]*	-1	19	32*	3[illegible]	41*	50	45*	33	25*	27*	3	* -1
[illegible]	* -1[illegible]*	-4	3*	26*	3[illegible]	46*	49	46*	35*	25*	21*	13	* -15
MEAN	-1.[illegible]	-12.[illegible]	9.8	24.1	32.[illegible]	44.8	45.[illegible]	45.4		24.7	19.[illegible]	-2.5	-2.5
S D			6.431	6.914		2.667		3.880					
TOTAL OBS	361	349	392	377	383	386	388	401	379	364	364	366	4510

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JAN — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
58/ 57		1.0																7	7	1	
56/ 55																				6	3
54/ 53																					4
46/ 45	.1																	1	1	1	1
44/ 43		.3																2	2	1	
42/ 41		.3		.1	.1													4	4	2	1
40/ 39	.1	.4	.6	.4	.1													12	12	3	4
38/ 37		1.6	.3															13	13	4	1
36/ 35	.1	3.3	.3	.4														28	28	19	6
34/ 33	.1	2.8	.7	.4														28	28	35	11
32/ 31	.3	3.0	.9	1.3	.1													38	38	17	34
30/ 29		.7	1.6	.3														18	18	33	11
28/ 27	.3	2.5	2.7	.4														40	40	16	19
26/ 25	.3	2.8	3.7	.4														49	49	44	17
24/ 23		1.5	1.3	.1														20	20	40	11
22/ 21	.3	2.7	2.7															38	38	46	20
20/ 19	.4	5.7	1.0															48	48	45	28
18/ 17	.3	2.8	1.0															28	28	41	30
16/ 15	.6	3.7	.6															33	33	24	39
14/ 13	.4	2.8	1.0															29	29	33	29
12/ 11	.7	4.2	.7															38	38	23	53
10/ 9	.7	4.2	.3															35	35	47	39
8/ 7	1.3	3.0	.3															31	31	39	30
6/ 5	.7	3.0																25	25	28	22
4/ 3	.7	2.2																20	20	28	40
2/ 1	.6	4.3																33	33	25	32
0/ -1	.7	.7																10	10	24	15
-2/ -3	.7	1.5																15	15	14	25
-4/ -5	1.3	.3																11	11	13	13
-6/ -7	.6																	4	4	6	21
-8/ -9	.3																	2	2	2	19
-10/-11	.3																	2	2	2	19
-12/-13	.1																	1	1	1	12
-14/-15	.3																	2	2	2	14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JAN — MONTH

PAGE 2

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17	.1																	1	1	1	12
-18/-19	.1																	1	1	1	14
-20/-21																					9
-22/-23																					3
-24/-25																					1
-28/-29																					3
-30/-31																					1
-32/-33																					1
TOTAL	13.	36.	92.	0.1	4.2	.4													667		667
																		667		667	

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.	3224734	45070	67.6	16.488	667							
Dry Bulb	337142	12322	18.5	12.823	667	6.8	79.8					93
Wet Bulb	286102	11116	16.7	12.305	667	9.2	83.0					93
Dew Point	211051	5987	9.0	15.369	667	25.9	88.7					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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JAN — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
58/ 57		.6																5	5	2	
56/ 55		.4	.1															5	5	3	4
54/ 53		.1		.1														2	2	4	3
52/ 51		.2																2	2	2	3
50/ 49		.1																1	1	3	3
48/ 47		.2																2	2	1	1
46/ 45		.2																2	2	2	1
44/ 43		.1	.2	.2	.1													6	6	3	1
42/ 41		.1	.7	.4	.6													16	16		4
40/ 39		.7	1.2	.6	.2													24	24	5	
38/ 37	.1	1.3	.3	.7		.1												23	23	26	1
36/ 35	.1	2.5	.9	1.0	.3													43	43	20	17
34/ 33	.2	3.1	1.5	1.1	.4													57	57	51	18
32/ 31	.2	3.0	2.9	2.0	.2													75	76	46	38
30/ 29	.2	1.1	3.5	1.0														52	52	39	33
28/ 27		1.6	3.4	2.0	.1													63	63	55	24
26/ 25		2.6	4.4	1.2														73	73	71	21
24/ 23		1.7	2.9	.9														49	49	71	11
22/ 21	.1	3.6	3.1	.1														62	62	82	34
20/ 19	.1	2.6	3.7	.1														58	58	73	52
18/ 17	.1	2.8	2.2															44	44	50	53
16/ 15		1.9	3.3															46	47	41	66
14/ 13	.2	3.3	1.9															48	48	45	55
12/ 11	.2	2.6	1.2															36	36	54	59
10/ 9	.1	1.7	1.1															26	26	38	53
8/ 7		2.0	.8															25	25	30	39
6/ 5	.4	1.2																15	15	32	35
4/ 3	.2	1.3																14	14	15	41
2/ 1		1.1																10	10	12	42
0/ -1	.2	.3																5	5	11	35
-2/ -3	.1																	1	1	3	27
-4/ -5																					16
-6/ -7																					21
-8/ -9	.1																	1	1	1	11

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JAN — MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-10/-11	.1																	1	1	1	22
-12/-13																					6
-14/-15																					8
-16/-17																					13
-18/-19																					10
-20/-21																					4
-22/-23																					4
-24/-25																					2
-26/-29																					1
TOTAL	3.0	43.9	39.3	11.5	2.0	.1													894		892
																		892		892	

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.	3666072	55068	61.7	17.292	892							
Dry Bulb	618480	21448	24.0	10.748	894	.8	73.4					93
Wet Bulb	497385	18925	21.2	10.373	892	1.7	88.3					93
Dew Point	310532	10704	12.0	14.295	892	18.8	87.2					93

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
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PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
58/ 57			.2	.1														3	3		
56/ 55		.2																2	2	1	
54/ 53		.2																2	2	4	1
52/ 51	.2	.1		.1														4	4	5	7
50/ 49		.1			.1													2	2		1
48/ 47		.2			.1													3	3	1	1
46/ 45		.5		.2	.2	.2												10	10	4	3
44/ 43			.8	1.2	.7	.1												25	25	4	2
42/ 41		.1	.8	2.1	1.2	.1												39	39	1	2
40/ 39	.1	.9	.8	.6	.9	.1												30	30	14	2
38/ 37		1.5	.7	1.4	1.2	.1												43	43	34	4
36/ 35	.2	2.4	2.3	1.9	.7	.1												67	67	50	12
34/ 33		3.2	1.5	3.2	1.7													84	84	57	25
32/ 31	.3	1.9	2.1	3.4	1.8													85	85	57	48
30/ 29		1.7	3.2	3.6	.6													80	80	64	28
28/ 27	.1	1.4	2.7	3.5	.7													74	74	66	20
26/ 25		2.0	3.3	2.7	.1													72	72	90	37
24/ 23		1.8	.9	1.1														34	34	100	37
22/ 21	.2	1.4	2.9	1.2														51	51	84	40
20/ 19		1.4	4.3	.8														57	57	42	43
18/ 17		.8	2.7	.7														35	35	49	60
16/ 15		.5	2.4	.2														27	27	44	57
14/ 13		.2	1.7															17	17	38	57
12/ 11		.3	.9															11	11	24	48
10/ 9	.2	.6	1.2															18	18	21	53
8/ 7		.1	.2															3	3	16	56
6/ 5	.1	.1																2	2	9	24
4/ 3		.5																4	4	1	31
2/ 1		.1																1	1	4	46
0/ -1																				1	27
-2/ -3																					28
-4/ -5																					17
-6/ -7																					8
-8/ -9																					19

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							
Wet Bulb							
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

744906 — STATION
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PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-10/-11																					10
-12/-13																					6
-14/-15																					9
-16/-17																					9
-18/-19																					11
-20/-21																					1
-22/-23																					1
-24/-25																					2
TOTAL	1.	623.	835.	628.	110.	1	.8											885	885	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	Total
Rel. Hum.	2983810	48706	55.0	18.522	885							
Dry Bulb	807631	25487	28.8	9.127	885		60.0					93
Wet Bulb	612495	21943	24.8	8.798	885	.1	74.6					93
Dew Point	329018	11978	13.5	13.741	885	15.6	86.7					93

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

GLOBAL CLIMATOLOGY BRANCH
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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
56/ 55		.3		.1														4	4		
54/ 53		.2		.2														4	4	3	
52/ 51	.1		.1															2	2	3	4
50/ 49	.2																	2	2	4	4
48/ 47		.1	.1		.1													3	3	2	
46/ 45		.1	.2	.2	.2	.1												8	8	2	2
44/ 43			.6	1.2	.7	.3												24	24	2	3
42/ 41	.1		.7	2.1	.8													32	32	4	3
40/ 39	.2	.8	.7	1.4	.5	.3												34	34	12	4
38/ 37		2.2	1.0	1.5	.7	.1												48	48	34	5
36/ 35	.1	2.6	1.3	2.6	1.4	.2												70	70	48	10
34/ 33		2.3	1.0	2.1	2.4	.2												70	70	64	15
32/ 31		1.7	1.7	5.5	2.3	.2												99	99	37	59
30/ 29		1.5	1.9	4.1	.2													66	66	57	16
28/ 27	.1	2.0	2.2	4.8	.5													82	82	68	28
26/ 25		2.6	2.4	2.3	.1													64	64	104	35
24/ 23		1.0	1.5	1.3														33	33	110	35
22/ 21		1.0	2.9	.9														42	42	56	27
20/ 19		.8	4.0	1.0														50	50	43	57
18/ 17		.8	2.7	.7														36	36	40	43
16/ 15		.3	2.4	.1														25	25	53	51
14/ 13	.2	.3	2.0															22	22	34	40
12/ 11	.1	.3	1.4															16	16	25	51
10/ 9		.5	.7															10	10	21	60
8/ 7		.1	.2															3	3	17	54
6/ 5		.2																2	2	6	24
4/ 3		.2																2	2	2	37
2/ 1		.5																4	4	5	41
0/ -1		.2																2	2	2	20
-2/ -3																				1	20
-4/ -5																					18
-6/ -7																					16
-8/ -9																					16
-10/-11																					17

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
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PSYCHROMETRIC SUMMARY

744906 — STATION
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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
-12/-13																					13
-14/-15																					10
-16/-17																					9
-18/-19																					8
-20/-21																					1
-26/-27																					3
TOTAL	1.	32	3.1	31.	93	2.1	10.0	1.6										859	859	859	859

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.	2802144	46332	53.9	18.796	859							
Dry Bulb	785341	24739	28.8	9.215	859	.2	60.4					93
Wet Bulb	590622	21200	24.7	8.864	859	.3	73.7					93
Dew Point	312647	11163	13.0	13.976	859	16.3	87.6					93

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
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JAN — MONTH

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1800-2000 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
54/ 53		.4																2	2		
52/ 51																				2	
50/ 49																					2
46/ 47			.2															1	1		
46/ 45			.2															1	1	1	
44/ 43		.8		.2														5	5	2	
42/ 41		.2	.6	.8	.6	.2												12	12	3	3
40/ 39	.4		1.5	1.1	.4													18	18	4	3
38/ 37		1.5	.8	1.3														19	19	7	2
36/ 35		2.5	2.5	.8														30	30	21	3
34/ 33		1.1	1.1	1.3	.2													20	20	28	7
32/ 31	.4	1.9	2.3	4.0	1.3	.2												53	53	26	24
30/ 29		1.9	2.5	3.6	.4													44	44	23	12
28/ 27		2.5	2.3	4.0	.2													47	47	27	16
26/ 25		3.1	5.7	2.3														58	58	53	16
24/ 23		1.3	2.5															20	20	62	11
22/ 21		1.1	3.2	.8														27	27	52	20
20/ 19	.2	2.7	4.6	1.0														44	44	41	34
18/ 17	.2	2.1	2.1															23	23	27	29
16/ 15		.8	3.6															23	23	38	26
14/ 13	.2	1.0	2.3															18	18	22	20
12/ 11	.4	1.3	3.1															25	25	20	51
10/ 9		1.3	.4															9	9	20	38
8/ 7		.4	1.0															7	7	19	38
6/ 5		1.9																10	10	6	16
4/ 3		.6																3	3	13	17
2/ 1		.2																1	1	2	27
0/ -1	.4																	2	2	3	20
-2/ -3		.4																2	2	2	14
-4/ -5																					9
-6/ -7																					15
-8/ -9																					9
-10/-11																					7
-12/-13																					12

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

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

GLOBAL CLIMATOLOGY BRANCH
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744906 — STATION
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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
-14/-15																					5
-16/-17																					9
-18/-19																					5
-20/-21																					2
-24/-25																					2
TOTAL	2.	13	0.	9	4	2.	4	2	1.	2	3.	1		.4					524		524
																		524		524	

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.	1816747	29571	56.4	16.820	524							
Dry Bulb	379127	13193	25.2	9.476	524	.7	73.8					93
Wet Bulb	291807	11421	21.8	9.054	524	.9	80.9					93
Dew Point	156493	5751	11.0	13.362	524	19.3	89.5					93

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

744906 — STATION
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FEB — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
54/ 53		.2					.3											3	3	1	
52/ 51		.2	.3															3	3	1	1
50/ 49		.2		.2														2	2	1	1
48/ 47		.8		.2	.2													7	7	2	1
46/ 45		.2	.2															2	2	5	6
44/ 43	.2			.3														3	3	5	2
42/ 41	.2	.5	.3	.5														9	9	5	3
40/ 39	.2	2.1	1.6	.2	.5													28	28	6	1
38/ 37	.2	2.3	1.0	.2	.2													23	23	21	8
36/ 35	.8	2.9	.8	.7														32	32	29	16
34/ 33	.5	3.1	1.8	.5														36	36	34	14
32/ 31	.7	4.7	2.0	.5	.3													50	50	46	38
30/ 29	.3	2.8	1.3	.7														31	31	33	38
28/ 27		2.9	2.3	.3														34	34	25	24
26/ 25		1.3	2.3	.2														23	23	33	22
24/ 23		1.3	2.1	.3														23	23	28	11
22/ 21		2.9	3.1	.3														39	39	35	21
20/ 19	.7	3.6	2.3															40	40	43	27
18/ 17	.5	2.6	1.5															28	28	37	26
16/ 15	.2	2.1	2.6															30	30	26	28
14/ 13	.5	2.1	2.3															30	30	26	21
12/ 11	.2	3.4	.9															27	27	26	30
10/ 9	.8	2.5																20	20	38	26
8/ 7	1.1	1.5																16	16	25	39
6/ 5		1.5																9	9	10	26
4/ 3	.7	1.5																13	13	17	31
2/ 1	.8	1.8																16	16	12	25
0/ -1	.8	1.0																11	11	14	11
-2/ -3	.7	.8																9	9	11	27
-4/ -5	.3	.5																5	5	4	15
-6/ -7	.7																	4	4	7	23
-8/ -9	.7																	4	4	4	7
-10/-11																					8
-12/-13	.2																	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 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 2

0600-0800 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-14/-15																					7
-16/-17																					6
-18/-19																					3
-20/-21																					2
-22/-23																					3
-24/-25																					4
-26/-27																					3
-30/-31																					1
TOTAL	11.	65.	34.	28.6	4.9	1.1		.3										611	611	611	611

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.	3041508	41854	68.5	16.912	611							
Dry Bulb	412177	13807	22.6	12.815	611	4.7	63.7					84
Wet Bulb	348159	12519	20.5	12.258	611	5.6	68.9					84
Dew Point	250428	8056	13.2	15.376	611	17.2	76.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) FEB (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
58/ 57		.1		.1				.1										3	3		
56/ 55		.1					.1											2	2	1	
54/ 53		.5	.1	.2			.2											9	9	2	2
52/ 51	.1	.4	.1			.4												8	8	5	5
50/ 49		.7		.1	.5		.1											12	12	8	1
48/ 47		.1	.1	.5	.6	.1	.1											13	13	5	8
46/ 45	.2	.2	.1	.5	.5	.1												14	14	4	4
44/ 43	.1	.6	.6	.4	.5	.1												19	19	10	5
42/ 41	.1	.2	.7	1.1	1.1													27	27	19	5
40/ 39	.2	1.8	2.0	1.8	1.3	.1												60	60	19	8
38/ 37	.1	1.2	2.1	.9	.2	.2												39	39	37	4
36/ 35	.1	2.7	1.7	1.3	.2													50	50	54	23
34/ 33	.5	2.9	1.1	2.1	.9	.1												62	62	62	26
32/ 31	1.0	1.8	2.3	3.2	1.2													78	78	59	52
30/ 29		1.0	2.0	2.8	.2													49	49	36	47
28/ 27		1.2	2.7	2.9	.1													57	57	48	42
26/ 25		1.3	3.5	1.8														55	55	67	27
24/ 23	.1	.6	1.5	.7														24	24	71	18
22/ 21		1.1	4.5	.7														52	52	51	23
20/ 19	.2	1.7	3.8	1.2														57	57	55	52
18/ 17		1.5	2.6	.2														35	35	50	38
16/ 15		1.2	1.8	.1														26	26	44	37
14/ 13	.1	1.2	1.2															21	21	31	38
12/ 11	.1	.6	.5															10	10	26	49
10/ 9		.7	.7															12	12	15	50
8/ 7	.1	.7	.5															11	11	14	42
6/ 5	.1	.1																2	2	12	30
4/ 3		.7																6	6	3	50
2/ 1		.5																4	4	6	24
0/ -1	.1																	1	1	4	11
-2/ -3																					19
-4/ -5																					25
-6/ -7																					13
-8/ -9																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-10/-11																					11
-12/-13																					3
-14/-15																					2
-16/-17																					2
-18/-19																					4
-20/-21																					7
-22/-23																					2
-24/-25																					3
-26/-27																					2
TOTAL	3.	52	7.	93	6.	32	2.9	7.5	1.2	.6	.1								818		818
																		818		818	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3145827	48359	59.1	18.740	818							
Dry Bulb	796073	23979	29.3	10.678	818	.1	51.3					84
Wet Bulb	623384	20988	25.7	10.193	818	.4	60.8					84
Dew Point	378260	12904	15.8	14.623	818	11.1	74.7					84

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
66/ 65									.1	.1								2	2		
62/ 61				.1		.1	.1	.1										4	4		
60/ 59					.1	.1		.4										5	5		
58/ 57		.1	.1	.2	.2		.2	.2										10	10	1	
56/ 55		.2		.1	.1		.2		.2									8	8	1	1
54/ 53		.5	.2	.1	.1		.1	.1										10	10	6	2
52/ 51		.2		.1	.6	.1	.1	.1										11	11	7	3
50/ 49		.9		.2	.7	1.0	.4											26	26	13	6
48/ 47	.2	.1	.2	.6	.9	1.2	.2											29	29	9	9
46/ 45	.2	.1	.4	.5	.7	.9	.2											25	25	12	7
44/ 43		.5	.4	1.5	1.5	.6	.2											38	38	14	3
42/ 41	.1	.5	2.1	1.5	.6	.7	.2											47	47	22	9
40/ 39		1.2	2.0	.6	1.8	.5	.1											51	51	35	7
38/ 37	.1	.7	.9	2.3	2.2	.9												58	58	58	11
36/ 35	.4	2.8		1.6	3.0	.2												65	65	62	19
34/ 33	.7	1.4	.4	2.5	2.2	.1												59	59	60	28
32/ 31	.9	.4	1.0	4.7	3.9	.4												91	91	51	65
30/ 29	.1	.4	2.2	2.8	1.0													53	54	51	35
28/ 27		.2	1.5	3.2	.4													43	43	63	21
26/ 25		1.0	1.1	4.1	.5													54	54	76	35
24/ 23		.5	.9	1.2														21	21	73	17
22/ 21	.2	.5	1.2	2.3														35	35	56	29
20/ 19	.1	.6	1.4	1.6														30	30	44	51
18/ 17		.2	1.2	.4														15	15	30	48
16/ 15		.2	.7															8	8	28	45
14/ 13			.5															4	4	18	45
12/ 11			.7															6	6	8	39
10/ 9			.6															5	5	4	35
8/ 7																				8	49
6/ 5																				3	37
4/ 3																					29
2/ 1																					32
0/ -1																					19
-2/ -3																					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	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					16
-6/ -7																					13
-8/ -9																					6
-10/-11																					3
-12/-13																					2
-14/-15																					1
-16/-17																					6
-18/-19																					6
-20/-21																					5
-22/-23																					4
-24/-25																					2
TOTAL	3.	213.	419.	732.	320.	7	6.9	2.3	1.0	.4	.1								814		813
																		813		813	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2464395	41639	51.2	20.214	813							
Dry Bulb	1049045	28035	34.4	10.134	814		37.8					84
Wet Bulb	761644	23688	29.1	9.381	813		53.0					84
Dew Point	402018	13592	16.7	14.671	813	9.9	73.2					84

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67										.3								2	2		
64/ 63							.3											2	2		
62/ 61		.1		.3		.1		.1										5	5		
60/ 59		.3		.1	.1			.3	.1									7	7	2	
58/ 57				.1	.1	.1	.1	.3										6	6	1	3
56/ 55				.1	.1	.3	.3	.1	.3									9	9	2	
54/ 53			.1	.3	.4			.4	.1									10	10	2	
52/ 51		.3	.3		.8		.5											14	14	6	
50/ 49		.6			.4	.5	.4	.1										16	16	7	3
48/ 47	.3	.6	.1	.1	1.0	1.3	.6	.1										33	33	18	7
46/ 45	.3	.3	.1	.1	.8	1.1	.3											23	23	12	14
44/ 43		1.0	.9	.9	1.3	.8	.1											39	39	14	4
42/ 41		.4	2.0	1.1	1.4	1.3	.1											50	50	18	8
40/ 39		.6	2.1	1.0	1.9	.5	.3											51	51	36	9
38/ 37	.1	2.8	1.4	2.4	1.4	.9												71	71	49	8
36/ 35	.3	2.3	1.0	1.3	2.7	.5												63	63	78	18
34/ 33	.3	1.1	.1	1.8	4.3													60	60	63	29
32/ 31	.5	1.1	1.4	2.9	3.8	.1												78	78	57	69
30/ 29	.6	.4	.9	3.3	1.5													53	53	50	29
28/ 27		1.1	.6	3.0	1.1													47	47	57	22
26/ 25		.6	1.5	3.2	.5													46	46	68	29
24/ 23		.1	1.0	2.0	.1													26	26	71	21
22/ 21		.6	.9	2.4														31	31	49	40
20/ 19	.1		1.0	1.1														18	18	49	54
18/ 17	.1	.3	.6	.6														13	13	29	42
16/ 15			.4	.1														4	4	23	25
14/ 13			.4															3	3	11	35
12/ 11			.9															7	7	5	43
10/ 9			.3															2	2	3	36
8/ 7			.4															3	3	9	44
6/ 5																				3	33
4/ 3																					33
2/ 1																					32
0/ -1																					19

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
FEB — MONTH
PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3																					20
-4/ -5																					17
-6/ -7																					11
-8/ -9																					4
-10/-11																					7
-14/-15																					1
-16/-17																					3
-18/-19																					7
-20/-21																					3
-22/-23																					6
-24/-25																					3
-26/-27																					1
TOTAL	2.5	14.6	18.4	28.3	23.6	7.4	2.9	1.4	.5	.5								792	792		792
																		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.	2349529	39783	50.2	21.071	792							
Dry Bulb	1050616	27730	35.0	10.039	792		35.1	.2				84
Wet Bulb	756764	23354	29.5	9.280	792		51.3					84
Dew Point	393918	13138	16.6	14.916	792	10.8	73.1					84

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) FEB (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
60/ 59		.4																2	2		
58/ 57				.2	.2													2	2	2	2
56/ 55			.2		.4													3	3		
54/ 53						.2		.2										2	2		
52/ 51						.6		.4										5	5	2	
50/ 49			.2			.2												2	2	2	
48/ 47		1.0	.4	.6	.6	.2		.2										15	15	5	3
46/ 45	.2	.4	.4	.2	.6	.4	.2											12	12	3	6
44/ 43		1.0	.4	.6	.8	.6												17	17	9	3
42/ 41		.6	2.0	.8	1.4	.2												25	25	12	6
40/ 39		1.0	1.4	.4	1.4	.2												22	22	12	6
38/ 37	.2	2.8	2.0	2.4	.6	.4												42	42	25	4
36/ 35	.4	3.0	1.6	1.6	1.2													39	39	40	9
34/ 33		2.6	1.4	2.6	1.0													38	38	42	17
32/ 31	1.4	1.8	2.4	3.4	1.0													50	50	40	44
30/ 29	.6	.4	2.8	3.4	.6													39	39	32	24
28/ 27		.8	.8	3.4														25	25	37	18
26/ 25		1.0	2.6	4.2	.4													41	41	35	21
24/ 23		.4	1.6	2.2														21	21	39	8
22/ 21		.2	2.8	2.0														25	25	32	17
20/ 19	.4	.4	4.2	.8														29	29	36	36
18/ 17	.2	.2	1.8	.4														13	13	26	26
16/ 15		.2	1.4	.2														9	9	28	18
14/ 13			1.4															7	7	12	21
12/ 11			.6															3	3	8	22
10/ 9			.2															1	1	6	31
8/ 7			1.0															5	5	4	20
6/ 5		.2																1	1	3	15
4/ 3		.8																4	4	3	24
2/ 1																				4	26
0/ -1																					13
-2/ -3																					15
-4/ -5																					11
-6/ -7																					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) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 26	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-8/ -9																					13
-10/-11																					3
-16/-17																					2
-18/-19																					1
-20/-21																					5
-24/-25																					3
-26/-27																					3
-28/-29																					1
-30/-31																					1
TOTAL	3.	419.	233.	729.	510.	2	3.0	.2	.8										499		499
																		499		499	

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.	1741216	27638	55.4	20.556	499							
Dry Bulb	536206	15610	31.3	9.806	499		46.0					84
Wet Bulb	409176	13484	27.0	9.486	499		58.1					84
Dew Point	238956	7868	15.8	15.189	499	12.1	74.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
60/ 59						.1												1	1		
58/ 57			.1		.1													2	2		
56/ 55			.5	.3														6	6	1	
54/ 53		.3	.1															3	3	1	
52/ 51		.5	.4															7	7	6	3
50/ 49		.4	.8	.1	.1	.1												12	12	10	5
48/ 47		.4			.5													7	7	9	6
46/ 45		1.6	.3	1.2	.3	.1												26	26	9	9
44/ 43		.7	.8	.5		.1												16	16	12	15
42/ 41	.3	2.2	1.5	2.0	.7													49	49	13	10
40/ 39	.7	1.8	3.9	.9	.3	.1												57	57	43	11
38/ 37	.4	4.3	1.2	1.5	.1													56	56	42	23
36/ 35	.7	5.3	1.3	2.3	.5													75	75	77	26
34/ 33	1.1	3.2	3.6	1.8	.1													73	73	77	44
32/ 31	.7	4.3	2.4	1.8	.4													71	71	52	81
30/ 29	.3	2.8	2.3	1.8														53	53	68	48
28/ 27	.4	2.2	2.2	1.5														46	46	62	37
26/ 25	.3	2.3	2.3	.7														41	41	53	53
24/ 23	.3	.9	1.3	.4														22	22	46	30
22/ 21	.5	.7	1.3	.1														20	20	38	48
20/ 19	.1	2.2	2.4															35	35	22	42
18/ 17	.4	.8	.1															10	10	35	41
16/ 15		2.2	.5															20	20	19	19
14/ 13		.5	.5															8	8	12	28
12/ 11	.3	.5	.5															10	10	8	34
10/ 9		.3	.1															3	3	9	28
8/ 7	.1	.8																7	7	8	23
6/ 5																				5	13
4/ 3	.3	.3																4	4	3	21
2/ 1																				1	14
0/ -1																					8
-2/ -3																					5
-4/ -5																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 2

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																					3
-8/ -9																					5
-10/-11																					1
-14/-15																					1
-16/-17																					1
TOTAL	6.	741.	430.	916.	9	3.	4	.7											741		741
																		741		741	

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.	3837058	51830	69.9	16.916	741							
Dry Bulb	848851	23931	32.3	9.585	741		43.9					93
Wet Bulb	702995	21771	29.4	9.253	741		55.3					93
Dew Point	501412	17000	22.9	12.269	741	3.6	73.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79												.1						1	1		
78/ 77										.1								1	1		
74/ 73											.1							1	1		
70/ 69							.1											1	1		
68/ 67							.1		.1									2	2		
66/ 65							.1	.1	.1									3	3		
64/ 63						.3	.1	.1		.1								6	6		
62/ 61				.2		.1		.1										4	4		
60/ 59				.2			.3		.2									7	7	2	
58/ 57			.2	.3	.3	.3	.2	.2										15	15	1	
56/ 55		.2	.4	.2	.1	.2	.5	.1										17	17	5	
54/ 53		.2	.3		.2	.5	.4	.2										18	18	15	1
52/ 51		.3	.2	.2	.4	.5	.4											20	20	9	7
50/ 49	.1	.2	.2	.2	1.0	.4	.2	.1										23	23	15	10
48/ 47	.4	.9	.4	1.1	.8	1.1	.2	.2										47	48	17	13
46/ 45		.5	.8	.5	.9	1.0	.2											36	36	23	12
44/ 43	.3	1.8	1.6	1.8	2.7	.3	.1											81	81	35	15
42/ 41	.1	2.0	1.7	2.5	2.2	.8	.3											88	88	58	13
40/ 39	.7	1.6	2.7	1.5	2.9	.7												93	93	59	30
38/ 37	.5	3.8	1.5	2.2	1.7	.3												93	93	96	38
36/ 35	.3	2.1	2.0	2.0	.9	.7												72	73	112	48
34/ 33	1.0	.8	1.3	1.5	1.2													53	53	82	65
32/ 31		1.5	1.0	3.0	2.1													70	70	76	71
30/ 29		.3	1.3	2.7	.3													43	43	58	63
28/ 27		.3	1.1	2.5	.3													39	39	42	33
26/ 25		.2	.7	1.5														22	22	56	63
24/ 23	.1	.3	1.1															14	14	56	40
22/ 21		.5	.7	.3														14	14	34	46
20/ 19		.3	1.1	.2														15	15	28	46
18/ 17		.1	.8	.1														9	9	9	35
16/ 15		.3	.4															7	7	13	38
14/ 13		.1	.3															4	4	11	28
12/ 11																				5	46
10/ 9		.3																3	3	2	29

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																				3	26
6/ 5																					25
4/ 3																					17
2/ 1																					25
0/ -1																					9
-2/ -3																					13
-4/ -5																					7
-6/ -7																					5
-8/ -9																					2
-14/-15																					3
TOTAL	3.6	18.9	21.8	24.9	18.0	7.3	3.5	1.2	.4	.2	.1	.1						922	924	922	922

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.	3492375	53569	58.1	20.312	922							
Dry Bulb	1462354	35612	38.5	9.865	924		24.2	.6	.3			93
Wet Bulb	1101233	30783	33.4	8.932	922		39.6					93
Dew Point	672554	21826	23.7	13.010	922	3.9	67.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85														.1				1	1		
84/ 83														.1				1	1		
82/ 81												.1						1	1		
78/ 77													.1					1	1		
76/ 75												.2						2	2		
74/ 73											.1							1	1		
72/ 71										.1	.1							2	2		
70/ 69						.1	.1				.3							5	5		
68/ 67					.1		.2	.2	.2	.2	.1							10	10		
66/ 65				.1	.1	.1	.5	.1	.4	.1								14	14		
64/ 63					.2	.1	.2	.7	.2	.1								14	14		
62/ 61				.3		.1	.2	.4	.2									12	12	1	
60/ 59			.1				.2	.3	.3	.1								10	10	5	
58/ 57				.1	.1	.2	.3	.3	.3	.1								14	14	6	
56/ 55	.1		.5	.3		.8	.3	.5	.2									26	26	8	2
54/ 53		.4	.3	.1	.2	.1	1.0	.3	.3									26	26	17	5
52/ 51		.4	.4	.4	.3	1.1	1.2	.2										38	38	15	4
50/ 49	.1	.2	.1	.4	1.6	.7	.9	.3										40	40	30	13
48/ 47	.3	.9	.7	1.2	1.0	2.2	.8	.3										67	67	23	14
46/ 45		1.1	1.1	1.6	2.1	2.3	.9	.3										86	86	35	7
44/ 43	.3	2.0	.5	1.7	2.6	1.5	.9											88	88	43	19
42/ 41	.4	.8	.7	2.0	2.4	1.0	.5											71	71	79	26
40/ 39	.3	2.3	2.2	.7	2.0	.8	.4											79	79	73	29
38/ 37	.2	1.7	1.0	.9	1.4	1.6												63	63	107	24
36/ 35	.1	1.6	1.5	1.4	2.2	.8												70	70	101	58
34/ 33	.3	.7	.1	1.1	2.4	.1												43	43	78	48
32/ 31		.8	.9	1.5	2.7	.1												55	55	53	65
30/ 29		.4	.7	1.3	.3													25	25	60	60
28/ 27	.1		.2	1.0														12	12	50	43
26/ 25			.4	1.7	.1													21	21	53	54
24/ 23		.2		.3														5	5	32	36
22/ 21		.7		.8														13	13	17	56
20/ 19	.1		.5	.1														7	7	21	60
18/ 17																				8	32

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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/ 15																				8	39
14/ 13																					34
12/ 11																					34
10/ 9																					35
8/ 7																					33
6/ 5																					19
4/ 3																					15
2/ 1																					26
0/ -1																					10
-2/ -3																					14
-4/ -5																					5
-6/ -7																					1
-12/-13																					2
-14/-15																					1
TOTAL	2.5	14.1	11.9	19.1	21.8	13.5	8.7	4.1	2.3	.8	.7	.3	.1	.2				923	923	923	923

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.	2849377	47239	51.2	21.638	923							
Dry Bulb	1795743	39559	42.9	10.429	923		13.9	2.4	.7	.3		93
Wet Bulb	1260775	33163	35.9	8.666	923		30.4					93
Dew Point	685473	22129	24.0	12.963	923	3.3	67.9					93

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

AD-A159 641 FORT DEVENS AAF MASSACHUSETTS LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..

UNCLASSIFIED JUL 85 USAFETAC/DS-85/027 F/G 4/2 NL

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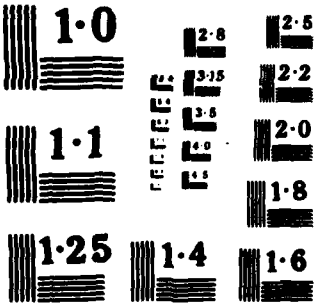
1·0
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1·4
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) MAR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
84/ 83												.1	.1					2	2		
82/ 81										.1								1	1		
76/ 75											.2	.1						3	3		
74/ 73						.1		.2			.1	.3						7	7		
72/ 71							.1				.2							3	3		
70/ 69								.1		.2	.2							5	5		
68/ 67						.1		.2	.2	.1	.1							7	7		
66/ 65								.2	.2	.2								6	6		
64/ 63					.1	.2	.5	.2	.5	.1								14	14	2	
62/ 61				.2	.1		.7	.6	.1									15	15	1	
60/ 59			.2		.2	.3	.3	.5	.2									16	16	4	
58/ 57			.2		.1	.2	.5	.7	.6									20	20	3	1
56/ 55		.5	.8	.2		.1	1.0	.2	.3	.1								29	29	8	1
54/ 53	.2	.1		.1	.1	.6	.5	.5	.2									20	20	19	3
52/ 51	.1	.1	.6	.3	.5	.8	1.7	.3	.1									38	38	24	8
50/ 49	.3	.2	.7	.5	1.8	.5	2.8	1.0										69	69	24	19
48/ 47		.1	.7	1.2	1.0	3.2	.5	.9										67	67	25	4
46/ 45	.2	1.6	.7	.6	1.5	2.3	1.0											69	69	30	10
44/ 43	.2	.7	.3	1.6	1.5	1.4	1.6											64	64	55	14
42/ 41	.6	.7	1.6	2.0	.9	1.2	.1											63	63	59	29
40/ 39	.7	1.4	2.0	1.2	1.9	.9	.3											75	76	87	31
38/ 37	.6	1.7	1.0	.3	2.3	1.8	.2											70	71	119	19
36/ 35		1.4	1.5	.3	1.8	1.0												53	53	86	47
34/ 33		.9	.9	.9	1.9													41	41	75	27
32/ 31	.7	.7	.5	1.7	2.3													51	51	61	84
30/ 29		.1	.6	2.0	.2													26	26	51	57
28/ 27		.6		.6	1.4													22	22	54	40
26/ 25		.1		1.2	.3													15	15	37	57
24/ 23	.1			.5														5	5	37	34
22/ 21	.3	.8		.1														11	11	11	47
20/ 19																				32	63
18/ 17																				3	33
16/ 15																					35
14/ 13																					35

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — 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
12/ 11																					30
10/ 9																					37
8/ 7																					34
6/ 5																					15
4/ 3																					26
2/ 1																					14
0/ -1																					10
-2/ -3																					9
-4/ -5																					6
-6/ -7																					4
-8/ -9																					1
-12/-13																					2
-14/-15																					1
TOTAL	4.1	11.5	12.2	15.7	19.8	14.4	11.7	5.6	2.5	.9	.9	.6	.1						889		887
																		887		887	

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.	2673667	44431	50.1	22.488	887							
Dry Bulb	1785009	38709	43.5	10.587	889		13.6	2.9	1.4	.3		93
Wet Bulb	1234075	32193	36.3	8.608	887		30.0					93
Dew Point	654004	21134	23.8	13.031	887	3.5	70.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.2									1	1		
74/ 73							.2											1	1		
72/ 71										.2								1	1		
70/ 69							.2											1	1		
68/ 67										.4								2	2		
66/ 65					.2					.2								2	2		
64/ 63							.2		.2									2	2		
62/ 61							.6	.4										5	5	2	
60/ 59				.4		.4			.2									5	5		
58/ 57					.7	.4	.9											11	11	2	
56/ 55		.4				.7	.6	.2										10	10		
54/ 53		.4	.6	.2		.6	.7		.2									14	14	5	1
52/ 51		.2	.2	.4	.4	.7		.4										12	12	5	4
50/ 49	.7		.2	.4	.6	.9	.4	.2										18	18	21	9
48/ 47		.7	.2	.9	.7	1.7	1.1	.6										32	32	6	4
46/ 45	.4	.7	.6	.7	1.1	1.9	.4											31	31	19	2
44/ 43		1.1	1.1	2.4	2.2	1.5	.6											48	48	22	9
42/ 41	.4	1.1	1.7	2.0	1.3	2.4	.4											50	50	28	10
40/ 39	1.1	.7	2.4	3.0	1.5	.6	.2											51	51	32	22
38/ 37	.7	1.5	2.4	2.6	1.3	.6												49	49	54	16
36/ 35	.6	2.6	2.4	1.3	2.6	.6												54	56	68	14
34/ 33		.4	.7	1.5	2.2	.2												27	27	66	30
32/ 31	.9	.4	.9	2.4	1.9													35	35	43	32
30/ 29		.2	1.3	1.9	.6													21	21	27	33
28/ 27		.6	.4	2.2	.7													21	21	28	28
26/ 25		.4	.6	.7	.4													11	11	40	27
24/ 23			.4	.4														4	4	24	30
22/ 21	.4	.7	.6	.6														12	12	17	29
20/ 19			.6	.6														6	6	12	34
18/ 17																				9	22
16/ 15																				7	14
14/ 13																					32
12/ 11																					17
10/ 9																					24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					14
6/ 5																					11
4/ 3																					13
2/ 1																					12
0/ -1																					6
-2/ -3																					6
-4/ -5																					5
-6/ -7																					2
-8/ -9																					3
-12/-13																					1
-14/-15																					1
TOTAL	5.2	12.1	17.1	24.6	18.4	13.0	6.3	1.7	.7	.7									539		537
																		537		537	

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.	1814069	29037	54.1	21.334	537							
Dry Bulb	916144	21632	40.1	9.443	539		19.0	1.0	.3			93
Wet Bulb	664046	18350	34.2	8.309	537		35.8					93
Dew Point	374955	12403	23.1	12.848	537	4.2	72.0					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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73								.1										1	1		
72/ 71								.1										1	1		
70/ 69				.1	.1													2	2		
68/ 67					.1													1	1		
66/ 65				.1	.1			.1										3	3		
64/ 63				.3	.1	.3	.1	.1										7	7	1	
62/ 61		.5			.1	.1		.1										7	7	2	1
60/ 59	.4	.1	.4	.5		.3	.5											17	17	9	4
58/ 57	.1		.5	.5	.1	.1	.3	.1										14	14	7	5
56/ 55	.3	.5	.7	.3	.9	.4	.8											29	29	10	4
54/ 53	.3	.9	.3	.5	.3	.5	.3											23	23	16	10
52/ 51	.4	.5	.8	1.1	.7	.7	.3											33	33	20	16
50/ 49	.1	.8	.9	.8	1.5	.3	.3											35	35	18	13
48/ 47	.9	1.5	.8	1.5	1.1	.3	.4											48	48	43	29
46/ 45	1.1	2.0	2.5	1.9	.9	1.1												71	71	33	23
44/ 43	.5	3.2	2.1	2.5	.9	.4												73	73	57	22
42/ 41	1.3	3.1	2.7	1.9	1.2	.1												77	77	82	43
40/ 39	1.1	2.3	4.0	1.6	2.0	.3												84	84	78	46
38/ 37	1.3	3.1	1.7	1.6	1.6	.3												72	72	82	56
36/ 35	.4	.9	1.5	2.0	.5	.1												41	41	76	58
34/ 33	.3	2.1	1.1	1.3	.5													40	40	51	51
32/ 31		1.2	1.7	.8	.3													30	30	48	78
30/ 29	.3	.4	.4	.3														10	10	44	44
28/ 27	.4	.3	.1	.3														8	8	36	41
26/ 25		.4	.3	.3														7	7	12	24
24/ 23			.1															1	1	4	28
22/ 21			.4															3	3	4	32
20/ 19			.5															4	4	3	38
18/ 17		.1																1	1	5	26
16/ 15		.3																2	2	3	14
14/ 13	.1																	1	1	2	8
12/ 11																					7
10/ 9																					8
8/ 7																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
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PAGE 2

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/ 5																					5
47/ 3																					3
27/ 1																					2
TOTAL	9.	4	24.	4	23.	7	20.	2	13.	3	5.	2	2.	9	.	8			746		746
																		746		746	

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.	3828718	51442	69.0	19.436	746							
Dry Bulb	1435167	32071	43.0	8.702	746		8.1	.06	.1			90
Wet Bulb	1173298	28946	38.8	8.284	746		19.4					90
Dew Point	879531	24251	32.5	11.063	746		44.0					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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87											.1							1	1		
84/ 83										.1								1	1		
82/ 81									.1			.1						2	2		
80/ 79								.1		.2	.1	.1						5	5		
78/ 77									.2	.1	.1	.1						5	5		
76/ 75						.1	.3		.5		.2							10	10		
74/ 73						.1		.1			.2	.1						5	5		
72/ 71						.1	.1	.1	.3	.1	.2	.1						10	10		
70/ 69						.3	.5	.1	.3	.3								14	14		
68/ 67				.1	.5	.1	.2	.5	.3	.2								17	18	2	
66/ 65		.2	.1		.1		.1	.5	.6	.2								16	16	3	
64/ 63	.2	.2		.1	.1	.2	.2	.6	.8	.1								23	23	10	3
62/ 61		.5		.3	.2	.1	.1	1.5	.8	.1								32	32	8	3
60/ 59		.2	.7		.3	.6	.6	.9	.6	.1								35	35	20	3
58/ 57		.5	.3	.5	.3	.7	1.4	.9	.3									43	43	17	7
56/ 55	.2	.5	.5	.5	1.0	.6	1.0	.6	.1									43	43	23	12
54/ 53	.1	.7	.1	.8	.8	1.3	1.8	1.5										62	62	29	15
52/ 51		.6	.5	.7	1.9	2.1	.9	.6										63	63	27	16
50/ 49	.1	1.0	.6	1.0	2.7	1.8	1.1	.1										75	75	42	20
48/ 47	.8	.9	.8	1.1	2.2	1.7	1.6	.1										81	81	70	30
46/ 45	.3	1.4	.6	1.9	1.8	1.6	.8	.2										76	76	69	27
44/ 43	.2	3.0	1.0	.6	1.7	1.5	.5											74	74	82	21
42/ 41	.5	2.4	1.6	.6	1.0	1.0	.2											64	64	123	49
40/ 39	.5	.9	1.3	.7	1.8	.3												48	48	92	47
38/ 37	.1	.5	.3	.3	.8	.6												23	23	84	55
36/ 35	.1	.7	.3	.8	.1	.3												21	21	54	50
34/ 33		.2	.5		.5													10	10	42	63
32/ 31		.1			.2													3	3	33	98
30/ 29				.2														2	2	21	50
28/ 27				.5														4	4	5	44
26/ 25			.2															2	2	4	41
24/ 23																				5	25
22/ 21	.3		.1															4	4	8	40
20/ 19			.1															1	1	1	47

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17			.1															1	1	1	34
16/ 15		.2																2	2		25
14/ 13																				3	7
12/ 11																					6
10/ 9																					12
8/ 7																					14
6/ 5																					5
4/ 3																					5
2/ 1																					4
TOTAL	3.5	14.6	9.7	10.7	18.2	15.1	11.5	8.3	5.0	1.7	1.0	.6							879		878
																		878		878	

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.	2972451	47191	53.7	22.297	878							
Dry Bulb	2330783	44329	50.4	10.414	879		1.9	7.3	3.0	.5		90
Wet Bulb	1657144	37428	42.6	8.383	878		8.3	.2				90
Dew Point	1030674	28230	32.2	11.843	878		46.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95															.1			1	1		
94/ 93															.2			2	2		
92/ 91														.1				1	1		
90/ 89												.2	.1					3	3		
88/ 87											.1							1	1		
86/ 85										.1	.1							2	2		
84/ 83												.2	.2	.1				5	5		
82/ 81									.1	.1	.1		.3	.1				7	7		
80/ 79									.2	.2	.3	.1	.2					10	10		
78/ 77									.2	.2		.3	.1					8	8		
76/ 75								.3	.2	.1	.2	.6	.2					15	15		
74/ 73					.1			.1	.2	.8	.3							14	14		
72/ 71					.1		.1	.1	.2	.2	.5							11	11		
70/ 69				.1	.3	.2	.1	.2	.7	.5	.7							25	25	1	
68/ 67				.1	.1		.2	.2	.6	1.1	.6							26	26	5	
66/ 65		.3	.1	.2		.2	.6	.6	.9	.8	.6							38	38	11	
64/ 63			.1	.3	.1	.1	.2	.6	.9	1.1								31	31	4	3
62/ 61		.2		.2	.5	.5		1.7	1.0	.2								38	38	23	1
60/ 59		.1	.6		.6	1.1	.8	1.0	.8	.2								46	46	14	5
58/ 57			.3	.6	.6	.5	1.9	.9	.9	.2								52	52	18	5
56/ 55		.2	.3	.5	.8	.8	1.8	2.4	1.2									71	71	27	9
54/ 53		1.1	.2	.6	.2	1.1	1.6	1.7	.1									59	59	42	11
52/ 51	.1	.3	.6	1.0	.6	1.2	1.2	.6	.2									52	52	57	24
50/ 49	.3	1.2	.9	.6	2.6	1.9	1.2	.7	.1									85	85	57	15
48/ 47	.3	.7	.9	1.1	2.0	1.8	1.1	.6										76	76	72	38
46/ 45	.5	1.0	1.5	.2	.3	1.7	.2	.2										50	50	87	26
44/ 43	.3	2.0	1.4	.2	.6	.3	.2											45	45	90	42
42/ 41	.5	.7	.6	.1	1.8	.8	.2											41	43	114	33
40/ 39		.5	.8	.2	.7	.2	.2											23	23	89	55
38/ 37		.7	.2	.5	.3	.2												17	17	50	38
36/ 35		.5	.7	.1	.2	.2												15	15	42	47
34/ 33					.1													1	1	35	68
32/ 31				.2														2	2	19	86
30/ 29																				8	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	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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27				.1														1	1	4	44
26/ 25																				4	43
24/ 23																				1	32
22/ 21	.2																	2	2	2	49
20/ 19	.1		.2															3	3	1	64
18/ 17			.1															1	1	1	22
16/ 15																				1	25
14/ 13																				1	10
12/ 11																					4
10/ 9																					5
8/ 7																					11
6/ 5																					8
4/ 3																					6
2/ 1																					1
TOTAL	2.4	9.7	9.5	7.0	12.7	13.1	11.9	11.9	8.7	6.0	3.5	1.5	1.2	.3	.3			880	882	880	880

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2440493	41711	47.4	22.962	880
Dry Bulb	2750587	48203	54.7	11.485	882
Wet Bulb	1823668	39404	44.8	8.211	880
Dew Point	1031753	28329	32.2	11.674	880

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
	.9	13.4	7.0	2.9	.3	90
	4.3	.6				90
	47.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 23	24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93															.3			3	3		
92/ 91															.2			4	4		
90/ 89													.1	.1				2	2		
86/ 85													.1					1	1		
84/ 83										.3			.2	.5				9	9		
82/ 81									.1	.1	.1	.2	.1	.1				7	7		
80/ 79									.1		.5		.1					6	6		
78/ 77									.5	.3		.1	.3					11	11		
76/ 75							.1		.1	.2	.5	.3	.2					13	13		
74/ 73							.1	.2	.1	.2	.3	.2						11	11		
72/ 71					.1	.2	.5			.2	.9	.2						19	19		
70/ 69					.1		.2	.1	.8	.2	.8	.2						22	22		
68/ 67		.1			.3			.2	.3	1.3	.9							28	28	6	
66/ 65				.2	.1	.8	.6	.5	1.6	.7								39	39	8	
64/ 63	.1	.3	.1	.1	.1	.3	.2	.5	.9	.8	.2							33	33	8	3
62/ 61		.1		.2	.8	.3	.2	1.7	.9	.3								41	41	19	
60/ 59	.1		.6	.3	.3	1.4	.9	.8	1.0	1.0								57	57	19	5
58/ 57			.2	.2	.5	.2	1.4	1.7	1.0	.1								47	47	14	4
56/ 55		.6	.1	.6	.6	.7	1.7	1.7	1.2									62	62	35	12
54/ 53		.5	.2	.2	.9	.3	.6	2.0	.3									44	44	40	12
52/ 51		.8	.7	.3	.8	1.5	.7	.2	.3									47	47	48	20
50/ 49	.5	.9	.5	1.0	1.8	2.2	1.0	.1	.5									74	74	70	19
48/ 47	.3	1.2	1.3	.6	1.7	1.7	.6	.2										66	66	67	25
46/ 45	.5	1.2	1.4	1.4	1.6	1.3	.2	.1										66	66	83	42
44/ 43	.5	.8	1.2	.2	1.2	.6	.6											43	43	87	36
42/ 41	.1	1.0	.6	.1	1.3	1.0	.6											41	42	99	32
40/ 39	.7	.9	.2	.2	.8	.6												30	30	94	50
38/ 37		.8	.9	.2	.2	.5												23	23	50	46
36/ 35		.3	.3		.3													9	9	42	48
34/ 33					.1													1	1	29	46
32/ 31				.2														2	2	28	84
30/ 29																				10	57
28/ 27																				3	50
26/ 25																				2	46

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					28
22/ 21																					49
20/ 19			.3															3	3		61
18/ 17	.3																	3	3	6	21
16/ 15																					23
14/ 13																					10
12/ 11																					8
10/ 9																					4
8/ 7																					8
6/ 5																					7
4/ 3																					7
2/ 1																					3
0/ -1																					1
TOTAL	3.1	9.6	8.7	6.3	13.8	13.7	10.3	10.1	9.9	6.0	4.3	1.4	1.5	.7	.6			867	868	867	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	2406995	40919	47.2	23.439	867
Dry Bulb	2733509	47621	54.9	11.808	868
Wet Bulb	1802309	38875	44.8	8.269	867
Dew Point	1011481	27811	32.1	11.741	867

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.8	14.1	6.9	3.2	.3	90
Wet Bulb		5.1	.6				90
Dew Point	.1	48.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87												.2	.2					2	2		
84/ 83										.2		.2						2	2		
82/ 81								.2				.2						2	2		
80/ 79												.2						1	1		
78/ 77								.2			.2	.2						3	3		
76/ 75						.2	.2		.4	.4		.2						7	7		
74/ 73							.2	.4		.2		.2						5	5		
72/ 71							.2				.2	.2						3	3		
70/ 69					.2	.2				.4	.4							6	6		
68/ 67				.2		.4		.6	.2	.6	.2							11	11	1	
66/ 65			.2		.4		.4	.2	.6	.4	.2							12	12	4	
64/ 63		.2	.2	.2	.4	.2		.4	.8	.4								14	14	2	
62/ 61				.2	.4	1.0	.4	.6	1.0	.2								19	19	8	
60/ 59	.4	.2	.4	.6	.2	1.0	.6	1.2	.4	.2								26	26	13	8
58/ 57		.2	.6	.2	1.4	1.4	1.2	1.4	1.0									37	37	7	2
56/ 55	.2	.8		.4	.4	.2	1.6	1.2	.8									28	28	10	5
54/ 53	.2	.4	.2	1.2	.6	1.8	1.0	1.0	.2									33	33	20	12
52/ 51			.4	.2	.8	1.0	.6	1.2	.2									22	22	16	10
50/ 49	.2	1.2	.6	1.0	.8	1.2	1.8	.2										35	35	37	7
48/ 47	.4	.8	2.0	1.2	2.2	1.8	.4	.4										46	46	39	11
46/ 45	.8	1.2	1.0	2.4	2.8	1.6	.2	.2										51	51	34	15
44/ 43	.6	.8	2.0	1.0	2.0	.8	.2											37	37	57	20
42/ 41	.8	2.6	.2	1.0	1.4	.6	.4											35	35	45	31
40/ 39	.4	1.2	1.2	1.0	1.4	.6	.2											30	30	69	35
38/ 37		.8	.2	1.0	.8	.8												18	18	44	29
36/ 35		.4	.2	.2	.8	.2												9	9	36	19
34/ 33		.2		.6	.2													5	5	22	25
32/ 31				.8														4	4	13	49
30/ 29																				12	31
28/ 27																				9	34
26/ 25																				5	30
24/ 23																					14
22/ 21																					22
20/ 19			.4															2	2		30

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17	.4																	2	2	4	19
16/ 15																					13
14/ 13																					13
12/ 11																					5
10/ 9																					3
8/ 7																					7
6/ 5																					1
4/ 3																					3
2/ 1																					4
TOTAL	4.3	10.8	9.7	13.2	17.0	14.8	9.5	9.3	5.5	3.0	1.2	1.6	.2						507		507
																		507		507	

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.	1644760	26474	52.2	22.771	507							
Dry Bulb	1381060	25906	51.1	10.648	507		1.4	7.5	3.9	1.2		90
Wet Bulb	966476	21732	42.9	8.312	507		7.6	.2				90
Dew Point	584850	16118	31.8	11.965	507		49.3					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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
84/ 83									.1									1	1		
80/ 79						.2	.3	.2										7	7		
78/ 77						.1												1	1		
76/ 75					.1	.2	.1											4	4		
74/ 73					.6	.4	.1				.1							11	11		
72/ 71			.3	.6	.3	.2	.1			.1								15	15		
70/ 69			.4	.4	.6		.3		.2	.1								19	19	4	
68/ 67			.8	.6	.4	.6	.3	.2	.1	.1								28	29	11	
66/ 65		1.2	.7	.9	.4	.4	.2	.1	.2									38	38	20	8
64/ 63		1.6	.8	.8	.6	.7	.4	.2	.1									46	46	30	16
62/ 61	.3	1.7	1.2	.7	1.2	1.5	.2	.1										62	62	36	27
60/ 59	.2	1.9	1.1	1.2	.8	1.6	.1	.1	.2									65	65	40	41
58/ 57	.3	4.3	1.6	1.1	1.3	.3	.2	.2										84	84	56	34
56/ 55	.6	2.6	1.7	1.5	1.6	.6	.2	.2										79	79	75	68
54/ 53	.2	2.2	2.7	2.5	1.3	.6												85	85	72	41
52/ 51	.7	2.2	3.1	1.8	1.2	.3	.2											86	86	78	53
50/ 49	.2	1.7	1.2	1.8	.7	.2												52	53	104	63
48/ 47	.6	3.6	1.9	1.2	.6	.2												72	72	83	67
46/ 45	.3	1.9	1.5	.8	1.2													51	51	81	67
44/ 43		1.6	1.1	.8	.2													33	33	69	75
42/ 41	.1	.9	.8	.3	.1													20	20	38	73
40/ 39		.7	.4	.2	.2													14	14	44	52
38/ 37		1.1	.1	.2														13	13	27	54
36/ 35		.3	.2															5	5	10	46
34/ 33																				10	25
32/ 31	.1																	1	1	4	35
30/ 29																					15
28/ 27																					14
26/ 25																					8
24/ 23																					1
22/ 21																					2
20/ 19																					5
18/ 17																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 2
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	3.7	29.5	21.7	17.4	13.6	8.2	3.0	1.5	1.0	.3	.1							892	894	892	892

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.	4947169	64677	72.5	17.003	892							
Dry Bulb	2788081	49341	55.2	8.524	894		.1	9.1	2.5	.4		93
Wet Bulb	2325141	45019	50.5	7.716	892		.4	1.6				93
Dew Point	1947123	40803	45.7	9.515	892		8.5					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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
92/ 91												.2						2	2		
90/ 89											.2							2	2		
88/ 87									.1	.3	.1	.1						6	6		
86/ 85								.2	.6	.1	.1	.1						10	10		
84/ 83							.1	.2	.6	.2								10	10		
82/ 81						.1	.4	.8		.3	.1	.1						17	17		
80/ 79						.2	.2	.6	.4		.1		.1					15	15		
78/ 77					.3	.7	.3	.8	.4	.7		.3		.1				33	33		
76/ 75					.2	.2	.6	.9	.7	.3	.3	.1						30	30		
74/ 73			.1	.1	.1	.6	.4	.4	1.0	.4	.4	.2						35	35		
72/ 71			.2	.1	.8	.6	.9	1.9	.6	.2	.6							52	52	9	
70/ 69			.4	.6	.7	1.1	1.6	.2	.8	.6	.6							58	58	23	
68/ 67		.3	.6	.8	.7	1.0	.8	1.3	1.2	.6								65	65	30	1
66/ 65	.1	.4	.4	.9	1.0	1.0	1.8	1.0	.9	.3								71	71	29	12
64/ 63	.2	.9	1.1	.1	.7	1.1	1.7	1.3	.7	.4								74	74	48	22
62/ 61	.2	.7	1.0	.4	.7	1.0	.6	1.2	.7	.1								59	59	55	35
60/ 59	.1	1.2	.8	.8	1.1	1.2	1.0	.8	.1	.1								68	65	75	39
58/ 57	.1	1.1	1.6	.4	1.6	1.1	1.3	.4	.1									78	70	73	56
56/ 55	.4	.7	1.2	.7	1.0	1.8	.8	.3										58	58	64	45
54/ 53	.1	1.1	.4	.3	1.2	.3	.3	.2										37	37	95	42
52/ 51	.7	.8	1.2	.1	.7	.2	.4											37	37	96	53
50/ 49	.2	.9	.2	.3	.4	.6	.3											27	27	74	68
48/ 47	.7	1.8	.4	.2	.3	.8												36	36	76	62
46/ 45	.1	.8	.4		.1	.1												14	14	65	60
44/ 43		.2	.2	.1		.1												6	6	34	65
42/ 41		.3	.1															4	4	21	47
40/ 39																				16	48
38/ 37		.1																1	1	8	43
36/ 35																				3	48
34/ 33																					41
32/ 31																					34
30/ 29																					19
28/ 27																					17
26/ 25																					16

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					5
22/ 21																					3
20/ 19																					10
18/ 17																					1
16/ 15																					2
TOTAL	3.0	11.4	10.6	6.0	11.6	13.4	13.4	12.8	8.8	4.8	2.6	1.2	.1	.1					894		894
																		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	Total
Rel. Hum.	3206929	50019	55.9	21.385	894							
Dry Bulb	3694086	56794	63.5	9.818	894			34.8	16.6	5.6		93
Wet Bulb	2680708	48482	54.2	7.595	894			6.4				93
Dew Point	1959233	40757	45.6	10.642	894		11.1	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95													.1					1	1		
94/ 93											.1		.2	.2				5	5		
92/ 91									.1		.3		.1					5	5		
90/ 89								.2	.2	.2	.4	.4	.1					15	15		
88/ 87								.1		.3	.6	.4	.1					14	14		
86/ 85								.2	.2	.4	.7							14	14		
84/ 83							.2	.6	.4	.4	.7	.4	.2	.1	.1			29	29		
82/ 81							.1	.2	.7	.7	.3	.2	.3	.1				24	24		
80/ 79						.2	.7	.6	.4	1.1	.7	.2	.2					37	37		
78/ 77						.1	1.0	.6	1.2	1.1		.1	.2					39	39		
76/ 75					.2	.1	.3	1.1	1.1	.4	1.3	.4	.2					48	48	3	
74/ 73				.2	.6	1.2	.7	1.2	1.2	.9	1.7	.7						75	75	5	
72/ 71			.3	.1	1.0	.1	.8	1.3	1.0	.8	.7	.1						56	56	9	
70/ 69		.3	.2	.7	.4	.4	.6	1.2	1.1	1.7	.7							66	66	30	4
68/ 67		.2	.2		.2	.4	.9	.8	1.6	1.2	.4	.1						55	55	35	3
66/ 65		.4	.6	.8	.8	.3	1.2	.6	1.9	.7	.2							67	67	52	12
64/ 63	.1	.9	.3	.2	.3	.7	2.1	.8	.4	.6								58	58	57	19
62/ 61		.2	1.1	.2	.6	.3	1.1	1.0	.8	.2								50	50	72	30
60/ 59		1.1	1.5	.8	.4	.4	1.5	1.0	.3									63	63	62	36
58/ 57	.3	.8	1.3	.1	.6	.8	.4	.3	.3									45	45	75	57
56/ 55	.1	.4	.4		.4	.6	.2	.4										24	24	96	43
54/ 53	.8	1.0	.6		.1		.2											24	24	88	55
52/ 51	.2	.4	.3	.1	.4	.2	.2											18	18	89	64
50/ 49		1.0	.6	.2	.6	.3	.2											26	26	59	59
48/ 47	.2	1.7	.2	.2	.1	.1												23	23	69	53
46/ 45		.2	.1															3	3	40	53
44/ 43		.7																6	6	24	58
42/ 41		.1																1	1	19	37
40/ 39																				5	45
38/ 37																				2	57
36/ 35		.2																2	2		42
34/ 33		.1																1	1	3	39
32/ 31																					39
30/ 29																					25

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					24
26/ 25																					18
24/ 23																					1
22/ 21																					7
20/ 19																					11
18/ 17																					3
TOTAL	1.8	10.0	7.8	3.7	6.8	6.5	12.5	12.3	13.2	10.9	8.8	3.2	1.9	.4	.1			894			894
																			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	Total
Rel. Hum.	2601169	43889	49.1	22.362	894							
Dry Bulb	4198723	60511	67.7	10.739	894			50.2	31.8	13.1	.6	93
Wet Bulb	2845559	49979	55.9	7.593	894			8.5	.8			93
Dew Point	1942262	40494	45.3	11.001	894		13.3	.7				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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95														.3				3	3		
94/ 93											.2		.1					3	3		
92/ 91									.3		.1	.1		.2				7	7		
90/ 89											.3	.1	.2					6	6		
88/ 87									.1	.7	.6	.6	.6	.1				23	23		
86/ 85									.6	.6	.5	.1	.1					16	16		
84/ 83								.3	.1	.5	.2	.1	.1	.3				15	15		
82/ 81						.3	.2		.5	.1	.6	.7	.6					26	26		
80/ 79						.1	.3	.3	.5	1.0	.2	.1	.2					25	25		
78/ 77					.3	.1	.6	.8	1.4	1.1	.6	1.0	.2					54	54		
76/ 75				.1	.3	1.1	.6	1.1	1.1	1.0	1.5	.6	.1					67	67	3	
74/ 73				.7	.1	.8	.5	.9	.5	.9	.6	.7						49	49	2	
72/ 71			.6	.3	.5	.3	1.1	.6	1.1	1.4	1.0	.2						63	63	7	
70/ 69		.1	.1	.5	.5	.8	1.0	.8	.7	1.4	.9							59	59	33	3
68/ 67		.2	.5	.8	.1	.9	1.6	1.0	1.0	1.7	.5							73	73	39	3
66/ 65		.2	.8	.2	.3	.6	.3	.7	.9	.6	.8							48	48	41	18
64/ 63	.2	.2	.3	.8	.2	.7	.9	1.8	.6	.5								55	55	55	22
62/ 61	.2	1.0	.9	.2	.3	1.0	1.0	.7	1.5	.5								65	65	72	18
60/ 59	.1	.1	1.6	.5	.5	1.1	.1	1.4	.2	.2								51	51	65	47
58/ 57	.2	1.7	1.0	.2	.3	.5	.3	.7	.2									46	46	82	39
56/ 55	.2	.2	.3	.1	.7	.2		.1										17	17	95	46
54/ 53	.5	.7	.8		.5	.2												23	23	72	55
52/ 51	.2	.5	.8	.2	.3	.5												22	22	84	57
50/ 49		1.0	.2	.2	.5	.2												19	19	64	64
48/ 47	.1	1.5	.5	.1	.3		.1											23	23	60	51
46/ 45	.2	.8	.2			.2												13	13	51	47
44/ 43		.1																1	1	28	47
42/ 41		.1																1	1	14	45
40/ 39																				3	46
38/ 37																				1	56
36/ 35																				2	46
34/ 33	.1																	1	1	1	26
32/ 31																					40
30/ 29																					26

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					24
26/ 25																					21
24/ 23																					4
22/ 21																					4
20/ 19																					15
18/ 17																					4
TOTAL	2.2	8.6	8.7	5.0	5.8	9.8	8.8	11.3	11.3	12.1	8.6	4.3	2.3	1.0				874	874	874	874

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.	2535988	42678	48.8	22.754	874							
Dry Bulb	4118736	59238	67.8	10.633	874			52.8	31.3	12.2	.6	93
Wet Bulb	2778496	48842	55.9	7.495	874			8.9	.5			93
Dew Point	1885249	39379	45.1	11.275	874		14.7	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
92/ 91													.2					1	1		
90/ 89										.2		.5						3	3		
88/ 87									.2	.2		.2						3	3		
86/ 85												.5						2	2		
84/ 83								.5	.7	.5	.7							10	10		
82/ 81								.2	.2		.5	.2	.2					6	6		
80/ 79							.2		.2			.2						3	3		
78/ 77					.2	.2	.2	.2	1.2	.2		.2	.2					12	12		
76/ 75					.2	.5	.2	.5	.2	.2								8	8		
74/ 73						.5	.5	1.0	1.2	1.0	.2	.7						21	21		
72/ 71			.2	.2	1.0	1.2	.7	.5	.5	2.2	.5							29	29	2	
70/ 69		.2	.7	.5	1.5	.7	.2	.7	1.0	1.2	.2							29	29	7	
68/ 67			.2	1.7	.7	1.7	1.5	1.0	1.0	.2								33	33	15	
66/ 65	.2	.5	.5		.2	.5	1.0	.2	1.7	.5								22	22	13	5
64/ 63	.7	.5	1.2	.7	1.0	1.2	.2	1.5	.7	1.0								36	36	26	9
62/ 61	.2	1.2		.5	.7	1.2	2.2	1.7										32	32	29	17
60/ 59	.2	1.0	1.0	1.2	.5	.5	1.2	1.0	.7									30	30	25	20
58/ 57	.2	2.2	1.2	.7	.5	1.5	1.0	.7	.7									36	36	30	16
56/ 55		.2	.5	1.0	.5	.5	1.5	.2										18	18	38	28
54/ 53	.5	1.2	.5	.7	1.5	.5	.2	.2										22	22	38	17
52/ 51	.7	1.0	.7	.5	.5	.2	.5											17	17	43	23
50/ 49	.2	1.2	.5	.2	.5	.2												12	12	43	35
48/ 47		2.0		.2	.7													12	12	32	26
46/ 45	.5	1.0		.7														9	9	32	23
44/ 43		.7			.2													4	4	17	26
42/ 41																				12	20
40/ 39																				7	23
38/ 37																					21
36/ 35																				1	28
34/ 33																					13
32/ 31																					18
30/ 29																					7
28/ 27																					14
26/ 25																					8

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					2
22/ 21																					2
20/ 19																					4
18/ 17																					5
TOTAL	3.	7	12.9	7.3	9.0	10.5	11.2	11.5	10.2	10.5	7.6	2.2	2.7	.7				410	410	410	410

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.	1458934	22600	55.1	22.830	410							
Dry Bulb	1699597	26095	63.6	9.733	410			36.3	15.7	5.9		93
Wet Bulb	1218619	22149	54.0	7.349	410			5.4				93
Dew Point	876458	18416	44.9	10.975	410		13.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUN — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85								.1										1	1		
84/ 83							.1	.1										2	2		
82/ 81					.1	.2	.2	.1										6	6		
80/ 79				.1	.3	.9	.1	.1	.1									15	15		
78/ 77				.3	.6	.4		.2	.2									16	16		
76/ 75			.3	1.2	1.0	.4		.2	.1									30	30		
74/ 73		.1	.6	1.5	1.1	.3	.2	.3										37	37	5	
72/ 71		.7	2.0	1.5	1.7	1.0	.9	.2	.1	.1								73	73	19	1
70/ 69	.3	.8	1.6	1.8	1.1	1.3	.7		.1	.2								71	71	43	17
68/ 67		.9	2.9	1.3	1.9	.9	.4	.2	.1									78	80	52	35
66/ 65	.1	2.8	2.1	2.1	2.1	1.3	.9											103	103	61	47
64/ 63	.1	2.6	.9	2.5	1.3	.7	.2											74	74	91	66
62/ 61	.2	2.7	1.9	1.8	1.2	.7												76	76	89	78
60/ 59		2.2	2.3	2.3	1.0	.3	.1											75	75	94	69
58/ 57		1.8	2.7	1.8	1.0		.1											66	66	79	55
56/ 55		2.1	1.9	1.5	.7													55	55	99	66
54/ 53	.3	1.5	2.0	.4	.1													39	39	83	94
52/ 51	.2	1.2	1.7	.4	.1													33	33	62	86
50/ 49	.8	1.0	.8	.2														25	25	54	82
48/ 47	.2	.7	.6															13	13	40	56
46/ 45		.6	.1	.1														7	7	14	59
44/ 43																				9	36
42/ 41																				1	23
40/ 39																					13
38/ 37																					9
36/ 35																					2
34/ 33																					1
TOTAL	2.3	21.6	24.4	20.9	15.4	8.6	4.0	1.7	.8	.3									897		895
																		895		895	

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.	5078319	66119	73.9	14.567	895							
Dry Bulb	3691025	57125	63.7	7.694	897			33.2	10.7	1.7		90
Wet Bulb	3105298	52380	58.5	6.668	895			12.0	.5			90
Dew Point	2727150	48928	54.7	7.652	895			5.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUN — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
WET BULB TEMPERATURE DEPRESSION (F)																					
92/ 91									.1									1	1		
90/ 89								.1	.2	.2	.1		.1					7	7		
88/ 87							.4	.4	.6	.3	.1		.2					19	19		
86/ 85						.1	.6	.9	.8	.2		.3	.1					27	27		
84/ 83						.4	.9	1.4	.9	.2	.1	.1						37	37		
82/ 81					.3	1.1	1.8	1.2	.7	.9	.1	.1						56	56		
80/ 79					.7	1.0	1.2	.8	.7	.7	.2		.1					48	48		
78/ 77			.1	.4	1.4	.8	1.6	1.6	1.4	.8	.3							76	76		
76/ 75			.1	1.2	1.3	2.4	1.6	1.6	1.3	.7	.2							94	94	9	
74/ 73		.1	.4	1.7	1.4	1.1	1.1	2.2	.8	.4	.3							87	87	30	
72/ 71		.3	1.0	.6	1.4	.9	2.1	.9	.8	.4	.1							77	77	52	5
70/ 69		.2	1.4	.7	1.4	2.0	1.7	1.2	1.1									88	88	79	21
68/ 67		.8	.9	.6	.7	1.0	1.2	1.3		.1								59	59	78	52
66/ 65		1.0	.7	.8	1.0	.8	1.3	.2	.4									56	56	90	64
64/ 63	.1	.4	.4	.2	.4	1.4	.2	.2	.3									35	35	96	64
62/ 61		1.3	1.0	.1	.6	.3	.1	.4										35	35	96	76
60/ 59	.1	.1	.7	.2	.4	.7	.4	.1										25	25	98	62
58/ 57	.2	1.0	.6	.3	.6	.3	.1											28	28	68	70
56/ 55		.4	.1	.2	.3													10	10	67	66
54/ 53	.4	.6	.9	.4	.1													22	22	54	56
52/ 51	.6	.2	.2															9	9	27	77
50/ 49	.1																	1	1	41	70
48/ 47	.1	.2																3	3	12	47
46/ 45																				3	47
44/ 43																					38
42/ 41																					27
40/ 39																					17
38/ 37																					15
36/ 35																					14
34/ 33																					9
32/ 31																					3
TOTAL	1.7	6.8	8.6	7.4	12.2	14.4	16.3	14.7	10.1	5.0	1.7	.6	.6						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.	3241700	51638	57.4	17.615	900							
Dry Bulb	4713649	64685	71.9	8.477	900			67.6	45.2	16.9		90
Wet Bulb	3491363	55735	61.9	6.655	900			24.8	3.9			90
Dew Point	2771718	49310	54.8	8.829	900		.3	7.8				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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUN — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
100/ 99												.1						1	1		
98/ 97											.1							1	1		
96/ 95										.1								1	1		
94/ 93									.1		.1	.1	.1	.1				5	5		
92/ 91									.3	.3	.9	.4		.1	.1			20	20		
90/ 89						.1	.1	.6	.7	.7	.7	.3	.3	.2				33	33		
88/ 87						.2	.3	1.2	.9	.9		.6	.1	.2				40	40		
86/ 85						.3	.7	1.8	1.6	.6	.3	.2	.1					50	50		
84/ 83					.1	.6	1.2	1.2	1.9	1.7	1.3	.2	.2					76	76		
82/ 81					.1	.4	1.1	1.0	1.7	1.6	1.0	.2	.2	.1				67	67		
80/ 79					.4	.7	1.1	2.1	2.6	1.8	.9	.4	.1					91	91	3	
78/ 77			.1	.1	.9	1.0	.8	.7	1.6	2.2	.8	.4						77	77	9	
76/ 75		.2	.1	.7	1.2	1.3	.4	1.3	1.6	1.2	.4							77	77	14	3
74/ 73		.2		.8	.9	.8	1.0	1.6	1.0	1.0	.2							67	67	50	3
72/ 71		.1	.4	.3	.9	.6	2.1	1.4	1.0	.1	.1							64	64	62	13
70/ 69		.2	.8	.6	.4	.1	.9	1.1	.9	.6								50	50	86	16
68/ 67		.1	.8	.3	.2	.9	1.0	.6	.3	.4								42	42	79	43
66/ 65		.4	.4	.7	.8	.6	.9	.3	.6									42	42	100	56
64/ 63	.1	.9	.4	.2			.2	.1										18	18	88	62
62/ 61	.2	.7		.1		.4	.1	.2										16	16	97	75
60/ 59	.2	.2	.7	.1	.1	.2	.4											18	18	87	77
58/ 57	.1	.9	.2		.4	.1												16	16	88	47
56/ 55	.4	.2	.3	.1	.1													11	11	53	60
54/ 53	.2	.1	.7															9	9	26	68
52/ 51	.2	.2																4	4	31	73
50/ 49	.1																	1	1	21	69
48/ 47	.1	.2																3	3	6	55
46/ 45																					38
44/ 43																					42
42/ 41																					31
40/ 39																					21
38/ 37																					19
36/ 35																					17
34/ 33																					9

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUN — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≤27/ 31																					3
TOTAL	1.8	4.8	5.0	4.0	6.7	8.3	12.4	15.2	16.6	13.1	6.9	3.1	1.2	.8	.1			900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2571398	45200	50.2	16.309	900							
Dry Bulb	5262580	68336	75.9	9.067	900			76.2	60.6	34.9	.8	90
Wet Bulb	3646199	56975	63.3	6.617	900			30.3	1.6			90
Dew Point	2746482	49028	54.5	9.174	900		.3	7.8	.6			90

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUN — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
98/ 97												.3						3	3		
94/ 93							.1		.1			.2						4	4		
92/ 91									.3	.2	.6	1.0	.2	.2				23	23		
90/ 89						.1		.8	.9	.1	.3	.4	.3	.2				29	29		
88/ 87						.2	.2	1.3	.6	.4	.3	.7		.1				35	35		
86/ 85					.3		.9	1.1	1.5	.8	.6	.3	.3					52	52		
84/ 83					.1	.3	1.2	1.2	.6	.6	1.9	.3		.3				59	59		
82/ 81				.1	.3	.3	1.1	1.6	1.6	1.9	.6	.6	.2					74	74	1	
80/ 79				.2	.1	1.0	1.5	1.6	1.9	2.1	1.3	1.0	.1					97	97	1	
78/ 77			.1		.7	1.5	.9	.8	1.5	2.4	2.5	.1	.1					93	93	7	1
76/ 75			.2	.2	1.5	.9	1.0	1.1	.4	1.9	.4							69	69	20	1
74/ 73		.2	.8	.9	.4	1.0	1.0	1.0	.9	.7	.7							68	68	41	7
72/ 71	.2		.8	.4	.4	.6	1.1	1.1	.6	.6	.4							56	56	58	8
70/ 69	.2		1.2	.2	1.2	.6	1.0	1.5	.4	.6								62	62	78	26
68/ 67		.4	.2		.7	.7	.2	.4	.2	.2								28	28	89	41
66/ 65		.9	.4	.3	.1	.3	.6	.2	.1									27	27	85	48
64/ 63		.4	.8	.2	.3	.3	.1											20	20	100	63
62/ 61		.9	.7	1.0	.1	.6	.3											32	32	86	73
60/ 59		.8	.4		.2	.3	.6											21	21	92	52
58/ 57	.1	.3	.3	.1	.4													12	12	101	62
56/ 55	.4	.3		.1	.1													9	9	48	69
54/ 53		.7	.3															9	9	31	53
52/ 51	.1	.4																5	5	32	76
50/ 49		.2																2	2	13	66
48/ 47		.1																1	1	7	40
46/ 45																					41
44/ 43																					49
42/ 41																					42
40/ 39																					26
38/ 37																					13
36/ 35																					14
34/ 33																					14
32/ 31																					5

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUN — 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 - 26	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.1	5.8	6.4	3.9	7.2	8.8	11.9	13.8	11.6	12.5	9.7	5.1	1.3	.9				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.	2583734	44790	50.3	19.256	890							
Dry Bulb	5187085	67473	75.8	8.987	890			76.8	61.3	33.6	.7	90
Wet Bulb	3589116	56222	63.2	6.497	890			29.8	7.1	.2		90
Dew Point	2692534	48230	54.2	7.421	890		.5	8.5	.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUN — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95											.2							1	1		
90/ 89								.7										3	3		
88/ 87							.2		1.2	.5	.5							10	10		
86/ 85							.2	.5	.5	.5	.2							8	8		
84/ 83						.2	.2	.5	1.8	.2	.5	.7	.2					19	19		
82/ 81				.5	.2	1.2	1.2	.5	.9	.9	.5	.5						27	27		
80/ 79				.2	.5	1.8	2.3	1.4	.5	.9	.2	.2						35	35		
78/ 77			.2	.5	2.3	1.2	.9	.2	2.5	1.4		.2						41	41		
76/ 75			.5	.9	1.6	1.8	1.8	2.1	.9	1.4	.5							50	50	8	
74/ 73			.5	.5	1.2	.7	1.2	1.8	2.5	.5	.5							40	40	11	3
72/ 71		.2	1.2	.7	.7	1.6	1.6	1.8	.9	.7								41	41	25	2
70/ 69	.5		1.2	.2	2.1	1.2	1.2	1.8	.7	.2								39	39	37	14
68/ 67		1.2	.7	.9	.7	1.6	.5	.7	.5									29	29	39	23
66/ 65		.9		.2	1.2	.7	1.4	.5	.2									22	22	40	20
64/ 63	.2	1.2	1.4	.5		.2	.2	.7										19	19	43	33
62/ 61		.2	.9	.5	.7			.2										11	11	51	31
60/ 59		.7	.7	.2	.2	.5	.5											12	12	42	25
58/ 57		.7	.5	.5		.7	.2											11	11	56	39
56/ 55	.2	.5	.2	.5	.2	.2												8	8	26	26
54/ 53		.5	.2	.2														4	4	23	32
52/ 51		.2																1	1	13	37
50/ 49		.5																2	2	13	30
48/ 47																				5	17
46/ 45																				1	39
44/ 43																					18
42/ 41																					11
40/ 39																					9
38/ 37																					12
36/ 35																					9
34/ 33																					3
TOTAL	.9	6.7	8.1	6.9	11.5	13.6	13.6	13.4	13.2	7.2	3.0	1.6	.2					433	433		433
																		433		433	

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.	1471234	23960	55.3	18.347	433							
Dry Bulb	2312756	31456	72.6	7.991	433			71.3	48.6	17.3	.2	90
Wet Bulb	1685868	26876	62.1	6.400	433			24.9	3.9			90
Dew Point	1313097	23519	54.3	9.082	433			8.7	.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
YEARS
JUN — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

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

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 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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89						.1			.1									2	2		
88/ 87						.2		.1	.1									4	4		
86/ 85				.1	.1	.2	.2			.1								7	7		
84/ 83				.1		.1	.8	.1	.1									11	11		
82/ 81				.1	.6	.8			.3									16	16		
80/ 79		.1	.2	.7	.9	1.0	.6		.1									32	32	3	
78/ 77			.3	1.5	.7	1.3	.8											41	41	5	
76/ 75			1.0	3.7	1.5	1.6	.4											73	74	6	6
74/ 73	.1	.8	1.6	3.3	1.2	1.7	.4	.4										85	86	33	8
72/ 71		1.1	3.6	1.3	2.5	.7	.2											84	84	66	22
70/ 69	.3	1.8	3.4	2.5	1.9	.7	.1	.1										96	96	76	52
68/ 67		2.6	4.2	1.8	1.1	1.1	.1											97	97	104	70
66/ 65	.1	3.3	2.0	3.9	1.7	.7	.1											105	106	114	96
64/ 63	.6	3.3	2.9	1.2	.7	.3	.2											82	82	119	111
62/ 61	.6	2.4	1.9	1.3	.6	.1												61	61	99	90
60/ 59		1.8	1.2	.6	.3													35	35	94	91
58/ 57		1.0	1.0	.9														26	26	64	105
56/ 55		.7	.4	.1														11	11	40	77
54/ 53		.4	.4															8	8	31	35
52/ 51		.3	.3	.2														8	8	18	46
50/ 49		.4																4	4	8	33
48/ 47		.1																1	1	8	19
46/ 45																				1	18
44/ 43																					6
42/ 41																					3
40/ 39																					1
TOTAL	1.7	20.1	24.6	23.4	13.7	10.7	4.0	.8	.8	.1								889	892	889	889

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.	5172966	66848	75.2	12.838	889							
Dry Bulb	4268473	61369	68.8	6.973	892			57.3	28.5	6.4		93
Wet Bulb	3628294	56552	63.6	5.894	889			38.1	4.9			93
Dew Point	3267399	53573	60.3	6.625	889			16.5	1.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97											.1							1	1		
96/ 95									.1			.2						3	3		
94/ 93								.2	.3	.1	.3							9	9		
92/ 91							.1	.2	.6	.4	.6	.1	.1					19	19		
90/ 89							.6	1.0	.3	.3	.2	.3	.1					26	26		
88/ 87				.1		.6	1.0	.6	.9	.6		.6						38	38		
86/ 85					.7	.9	.9	2.1	1.3	.6	.3	.1	.1					63	63		
84/ 83				.2	.6	1.6	2.3	1.6	1.2	.6	.4	.1						77	77	1	
82/ 81				.2	.9	1.8	2.0	2.3	1.5	.6	.3							86	86		1
80/ 79				1.0	1.3	1.9	2.0	1.5	1.5	.8								89	89	8	
78/ 77			.3	1.5	2.1	2.0	1.9	1.9	1.1	.3								100	100	24	
76/ 75			.9	1.3	1.2	2.0	1.2	1.2	.7	.1								78	78	44	7
74/ 73	.2	.3	.7	1.8	1.0	1.9	.3	1.1	.8									73	73	85	21
72/ 71	.2	.6	1.7	1.0	1.0	.6	1.6	.6	.3									67	69	101	40
70/ 69		.4	1.0	.6	1.1	1.1	1.3	.9	.2									60	60	118	79
68/ 67		.9	.9	.7	1.0	.8	.6	.4	.2									49	49	128	76
66/ 65		.9	.3	.6	.2		.4	.2										24	24	100	89
64/ 63	.1	1.2	.2	.3	.1		.1											19	19	91	97
62/ 61	.2	.6	.3	.1		.1												12	12	73	90
60/ 59						.1												1	1	58	82
58/ 57					.1													1	1	32	70
56/ 55																				19	52
54/ 53																				9	41
52/ 51																				3	48
50/ 49																				1	32
48/ 47																					24
46/ 45																					21
44/ 43																					9
42/ 41																					9
40/ 39																					6
38/ 37																					1
TOTAL	.8	4.9	6.4	9.4	11.4	15.3	16.4	15.9	11.1	4.4	2.3	1.5	.3						897		895
																		895		895	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3248610	51942	58.0	15.984	895
Dry Bulb	5443043	69571	77.6	7.253	897
Wet Bulb	4059230	60062	67.1	5.653	895
Dew Point	3352236	54340	60.7	7.698	895

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			87.1	68.6	37.6	1.3	93
Wet Bulb			52.9	16.8	.2		93
Dew Point			23.3	3.0	.2		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99												.1						1	1		
98/ 97										.1	.1	.3	.4	.1				10	10		
96/ 95									.3	.9	.3	.1		.1				16	16		
94/ 93								.2	.8	.4	.9	.1	.4					26	26		
92/ 91				.1			.1	1.5	.7	.7	.4	.6	.2	.7				44	44		
90/ 89						.3	.8	1.1	1.0	.8	1.0	.7	.7					57	57		
88/ 87				.2	.1	.7	1.2	1.3	2.9	1.3	.6	.8	.4					86	86		
86/ 85					.2	.6	1.2	2.7	1.7	2.2	.9	.4	.1					90	90	1	
84/ 83				.2	.6	.9	1.3	2.5	2.1	2.5	1.2	.4						105	105	1	1
82/ 81			.1	.3	.8	1.1	1.5	2.3	1.7	.7	1.1	.2						88	88	5	1
80/ 79			.2	.7	1.0	1.7	1.5	1.3	1.2	.9	.4							80	80	13	1
78/ 77			.2	.3	.6	.6	.3	2.1	1.2	.8	.2							57	57	52	3
76/ 75		.1	.2	1.0	.9	.6	.8	1.6	1.9	.6	.2							70	70	52	10
74/ 73	.2	.2	.6	1.6	.3	.3	.9	.6	.2	.6	.2							51	51	91	36
72/ 71	.1	.1	.7	.6	.7	.1	.7	1.0	.7	.1								42	42	106	40
70/ 69		.4	.7	.2	.6	.3	.1	.8	.1	.1								30	30	115	54
68/ 67		.4	.1	.2	.1	.2	.1											11	11	128	71
66/ 65	.1	.7		.3														10	10	93	80
64/ 63	.4	.2	.6				.3											14	14	84	96
62/ 61		.2	.2															4	4	62	74
60/ 59		.1																1	1	43	60
58/ 57		.2																2	2	31	72
56/ 55																				13	86
54/ 53																				2	30
52/ 51																				3	48
50/ 49																					38
48/ 47																					41
46/ 45																					18
44/ 43																					11
42/ 41																					10
40/ 39																					10
36/ 35																					4
TOTAL	.9	2.8	3.6	5.8	5.8	7.4	10.8	19.0	16.5	12.6	7.7	3.8	2.3	.9				895	895	895	895

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2529332	45266	50.6	16.382	895
Dry Bulb	5991623	72919	81.5	7.526	895
Wet Bulb	4192055	61033	68.2	5.794	895
Dew Point	3300992	53832	60.1	8.403	895

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			89.8	81.2	58.5	5.5	93
Wet Bulb			58.6	22.3	1.2		93
Dew Point			22.5	5.4	.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 SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
100/ 99												.2		.1				3	3		
98/ 97									.1			.1	.3	.2				7	7		
96/ 95									.2	.5	.3	.1	.2	.1				13	13		
94/ 93									.5	.8	.1	.3		.3	.2			20	20		
92/ 91						.1		1.0	.8	.5	.5	.6	.6	.2				37	37		
90/ 89						.1	.2	2.6	.9	1.5	.6	1.0	.5	.1				66	66		
88/ 87						.3	1.7	2.0	2.4	1.9	.8	.9	.1					90	90		
86/ 85					.5	1.0	1.0	2.7	1.7	2.2	1.0	.7						95	95		
84/ 83				.2	.2	1.2	2.4	2.6	3.3	1.5	1.0	.6						115	115		
82/ 81			.3	.2	.7	1.5	1.2	1.7	2.4	.9	1.1	.1						90	90	3	
80/ 79			.2	.1	.5	1.5	1.0	2.0	1.8	1.2	.3							77	77	6	
78/ 77				.5	.9	.7	1.1	1.0	1.4	.5	.2							55	55	47	2
76/ 75		.1		1.1	.5	.3	.7	1.9	.8	.6	.3							56	56	67	9
74/ 73	.1	.3	.6	1.1	.6	.6	.5	.2	.8	.6	.5							51	51	77	23
72/ 71	.1	.1	.9	.3	.7	.2	.6	.7	.2	.1								35	35	116	40
70/ 69	.1	.3	.9	.1	.2	.2	.2	.5										23	23	117	64
68/ 67	.2	.3	.6	.2	.1	.1	.3											17	17	139	82
66/ 65		.5	.2	.2				.1										9	9	93	74
64/ 63		.7	.3	.1			.2											12	12	71	81
62/ 61	.1	.3	.2															6	6	65	78
60/ 59																				34	74
58/ 57		.3																3	3	27	82
56/ 55																				12	69
54/ 53																				3	44
52/ 51																				3	45
50/ 49																					34
48/ 47																					32
46/ 45																					18
44/ 43																					9
42/ 41																					7
40/ 39																					6
38/ 37																					2
36/ 35																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — 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
TOTAL	.7	3.1	4.3	4.3	4.8	8.0	11.2	19.2	17.3	12.6	6.8	4.7	1.7	1.1	.2			880	880	880	880

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.	2464503	44337	50.4	16.200	880							
Dry Bulb	5910176	71822	81.6	7.417	880			89.8	81.9	61.4	4.5	93
Wet Bulb	4121860	60032	68.2	5.500	880			60.4	21.1	.5		93
Dew Point	3243123	52953	60.2	8.034	880			23.2	3.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
96/ 95										.2			.2					2	2		
94/ 93								.2		.2								2	2		
92/ 91									.2		.2	.5	.2					5	5		
90/ 89							.2	1.7	.5	.2	.2	.2						13	13		
88/ 87							1.7	.7	.5	.5	.7	.2						18	18		
86/ 85					.2	.7	1.2	1.7	1.7	1.4	.2	.2						31	31		
84/ 83					.2	1.2	3.1	1.2	2.6	.9	.5							41	41		
82/ 81			.5	.5	1.7	2.8	1.4	2.4	1.2	1.2	.2							50	50		
80/ 79			.5	1.7	1.4	2.4	3.3	3.1	.7	.7								58	58	1	
78/ 77				.9	2.8	1.7	3.3	2.4	.7	.2	.2							52	[illegible]	11	1
76/ 75			.5	1.2	.7	1.9	1.9	1.9	.7									37	37	27	5
74/ 73		.2	.2	1.4	1.2	1.7	1.4	1.2	.2		.2							33	33	30	6
72/ 71			.7	1.2	1.2	.7	.9		.7									23	23	56	23
70/ 69	.5	1.2	1.7	.2	.5	.2	1.2	.5	.2									26	26	57	28
68/ 67		.7	.5	.2	.5		.9											12	12	68	43
66/ 65	.2	1.2	.5	.2			.2											10	10	62	46
64/ 63		.5	.2	.2														4	4	40	31
62/ 61		.2		.2														2	2	35	42
60/ 59						.2	.2											2	2	12	49
58/ 57		.5																2	2	12	39
56/ 55																				8	37
54/ 53																				2	24
52/ 51																					8
50/ 49																				2	19
48/ 47																					5
46/ 45																					8
44/ 43																					3
42/ 41																					2
40/ 39																					2
38/ 37																					1
36/ 35																					1
TOTAL	.7	4.5	5.2	8.0	10.4	13.5	21.0	16.8	9.9	5.7	2.6	1.2	.5						423		423
																		423		423	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1476010	24124	57.0	15.409	423
Dry Bulb	2611798	33120	78.3	6.634	423
Wet Bulb	1937629	28545	67.5	5.188	423
Dew Point	1593508	25780	60.9	7.274	423

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			88.6	75.2	41.6	.9	93
Wet Bulb			55.0	15.2	.2		93
Dew Point			23.3	2.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99												.2		.1				3	3		
98/ 97									.1			.1	.3	.2				7	7		
96/ 95									.2	.5	.3	.1	.2	.1				13	13		
94/ 93									.5	.8	.1	.3		.3	.2			20	20		
92/ 91						.1		1.0	.8	.5	.5	.6	.6	.2				37	37		
90/ 89						.1	.2	2.6	.9	1.5	.6	1.0	.5	.1				66	66		
88/ 87						.3	1.7	2.0	2.4	1.9	.8	.9	.1					90	90		
86/ 85					.5	1.0	1.0	2.7	1.7	2.2	1.0	.7						95	95		
84/ 83				.2	.2	1.2	2.4	2.6	3.3	1.5	1.0	.6						115	115		
82/ 81			.3	.2	.7	1.5	1.2	1.7	2.4	.9	1.1	.1						90	90	3	
80/ 79			.2	.1	.5	1.5	1.0	2.0	1.8	1.2	.3							77	77	6	
78/ 77				.5	.9	.7	1.1	1.0	1.4	.5	.2							55	55	47	2
76/ 75		.1		1.1	.5	.3	.7	1.9	.8	.6	.3							56	56	67	9
74/ 73	.1	.3	.6	1.1	.6	.6	.5	.2	.8	.6	.5							51	51	77	23
72/ 71	.1	.1	.9	.3	.7	.2	.6	.7	.2	.1								35	35	116	40
70/ 69	.1	.3	.9	.1	.2	.2	.2	.5										23	23	117	64
68/ 67	.2	.3	.6	.2	.1	.1	.3											17	17	139	82
66/ 65		.5	.2	.2				.1										9	9	93	74
64/ 63		.7	.3	.1			.2											12	12	71	81
62/ 61	.1	.3	.2															6	6	65	78
60/ 59																				34	74
58/ 57		.3																3	3	27	82
56/ 55																				12	69
54/ 53																				3	44
52/ 51																				3	45
50/ 49																					34
48/ 47																					32
46/ 45																					18
44/ 43																					9
42/ 41																					7
40/ 39																					6
38/ 37																					2
36/ 35																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
JUL — 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
TOTAL	.7	3.1	4.3	4.3	4.8	8.0	11.2	19.2	17.3	12.6	6.8	4.7	1.7	1.1	.2			880	880	880	880

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.	2464503	44337	50.4	16.200	880							
Dry Bulb	5910176	71822	81.6	7.417	880			89.8	81.9	61.4	4.5	93
Wet Bulb	4121860	60032	68.2	5.500	880			60.4	21.1	.5		93
Dew Point	3243123	52953	60.2	8.034	880			23.2	3.6			93

USAFETAC FORM JUL 64 0265 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) JUL (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95										.2			.2					2	2		
94/ 93								.2		.2								2	2		
92/ 91									.2		.2	.5	.2					5	5		
90/ 89							.2	1.7	.5	.2	.2	.2						13	13		
88/ 87							1.7	.7	.5	.5	.7	.2						18	18		
86/ 85					.2	.7	1.2	1.7	1.7	1.4	.2	.2						31	31		
84/ 83					.2	1.2	3.1	1.2	2.6	.9	.5							41	41		
82/ 81			.5	.5	1.7	2.8	1.4	2.4	1.2	1.2	.2							50	50		
80/ 79			.5	1.7	1.4	2.4	3.3	3.1	.7	.7								58	58	1	
78/ 77				.9	2.8	1.7	3.3	2.4	.7	.2	.2							52	52	11	1
76/ 75			.5	1.2	.7	1.9	1.9	1.9	.7									37	37	27	5
74/ 73		.2	.2	1.4	1.2	1.7	1.4	1.2	.2		.2							33	33	30	6
72/ 71			.7	1.2	1.2	.7	.9		.7									23	23	56	23
70/ 69	.5	1.2	1.7	.2	.5	.2	1.2	.5	.2									26	26	57	28
68/ 67		.7	.5	.2	.5		.9											12	12	68	43
66/ 65	.2	1.2	.5	.2			.2											10	10	62	46
64/ 63		.5	.2	.2														4	4	40	31
62/ 61		.2		.2														2	2	35	42
60/ 59						.2	.2											2	2	12	49
58/ 57		.5																2	2	12	39
56/ 55																				8	37
54/ 53																				2	24
52/ 51																					8
50/ 49																				2	19
48/ 47																					5
46/ 45																					8
44/ 43																					3
42/ 41																					2
40/ 39																					2
38/ 37																					1
36/ 35																					1
TOTAL	.7	4.5	5.2	8.0	10.4	13.5	21.0	16.8	9.9	5.7	2.6	1.2	.5						423		423
																		423		423	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1476010	24124	57.0	15.409	423
Dry Bulb	2611798	33120	78.3	6.634	423
Wet Bulb	1937629	28545	67.5	5.186	423
Dew Point	1593508	25780	60.9	7.274	423

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			88.6	75.2	41.6	.9	93
Wet Bulb			55.0	15.2	.2		93
Dew Point			23.3	2.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
YEARS
JUL — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

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

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85						.1												1	1		
84/ 83							.1											1	1		
82/ 81				.1	.2	.1		.1										5	5		
80/ 79				.3	.8	.7												16	16		
78/ 77		.1	.3	.7	.4	.1												15	15	1	
76/ 75		.5	1.4	2.0	1.2	.1	.1											49	49	2	1
74/ 73		1.1	2.6	2.6	.4	.4												66	66	18	3
72/ 71		1.8	2.5	1.1	1.4	.2	.1	.1										67	67	53	24
70/ 69	.7	3.5	4.1	1.8	1.1	.3	.1											107	107	82	55
68/ 67	1.1	2.5	4.6	1.6	1.1	.5	.2			.1								108	108	105	84
66/ 65	.8	3.1	2.3	1.7	.3	.1												77	77	88	93
64/ 63	.7	4.1	1.8	1.8	.7													84	84	94	99
62/ 61	.3	3.7	2.1	1.2	.7	.1												74	74	84	76
60/ 59	.7	3.5	2.5	1.0	.2	.1		.1										74	74	99	74
58/ 57	.4	3.0	1.4	1.0			.1											55	55	77	97
56/ 55	.2	2.1	1.3	.4														37	37	64	71
54/ 53	.3	1.7	1.6	.1		.1												36	36	51	65
52/ 51	.2	1.4	.5															20	20	37	57
50/ 49		.8	.2	.1	.1													11	11	30	28
48/ 47		.7	.1															7	7	14	42
46/ 45		.4	.1															5	5	8	22
44/ 43		.1	.1															2	2	7	11
42/ 41		.1																1	1	4	7
40/ 39	.1	.1																2	2	2	3
38/ 37	.1																	1	1	1	4
32/ 31																					5
TOTAL	5.5	34.4	29.6	17.6	8.6	3.0	.8	.3		.1								921	921	921	921

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.	6290087	75365	81.8	11.563	921							
Dry Bulb	3949259	59909	65.0	7.541	921			43.9	15.4	1.4		93
Wet Bulb	3527574	56638	61.5	6.959	921			26.4	2.1			93
Dew Point	3274883	54473	59.1	7.594	921		.5	16.9	.4			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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
AUG — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97										.1								1	1		
96/ 95									.1									1	1		
94/ 93									.1									1	1		
92/ 91								.2				.1						3	3		
90/ 89								.2	.1	.3	.3	.1						10	10		
88/ 87					.1	.2	.3	.4	.9	.1								19	19		
86/ 85				.1	.1	.9	1.1	1.1	.4	.2								36	36		
84/ 83				.2	.6	1.3	2.0	1.0	.2	.1								51	51		
82/ 81			.1	.3	1.7	1.8	1.6	.6	.1		.1							60	60		
80/ 79		.1	.1	1.4	1.8	2.4	1.5	1.6	.5	.5								93	93	4	
78/ 77			.3	1.9	2.8	2.0	1.3	.5	.8	.1								91	91	13	1
76/ 75		.3	.9	1.3	1.6	1.5	1.5	.6	.3	.2								77	77	31	4
74/ 73		.5	1.6	.9	1.1	2.7	1.3	.9	.6									89	89	80	12
72/ 71		1.0	1.6	1.1	1.3	1.3	1.5	.5	.4									81	81	119	51
70/ 69	.5	.6	1.4	1.1	2.3	1.1	1.1	.9	.3									86	86	99	84
68/ 67	.2	.6	1.6	1.3	1.2	1.0	.9	.3										66	66	83	76
66/ 65	.5	1.0	1.5	1.1	.9	.8	.3	.1										57	57	99	96
64/ 63	.2	.5	.6	.6	.5	.3												27	27	94	80
62/ 61		1.9	.5	.1	.1	.1	.2											28	28	95	80
60/ 59	.1	1.1	.2	.1	.2	.3	.4											23	23	77	74
58/ 57	.1	1.1			.2	.4												17	17	65	105
56/ 55		.5			.1	.1												7	7	32	72
54/ 53	.1	.4			.1													6	6	17	50
52/ 51																				5	30
50/ 49																				8	30
48/ 47																				8	25
46/ 45																				1	26
44/ 43																					9
42/ 41																					7
40/ 39																					9
38/ 37																					4
36/ 35																					3
34/ 33																					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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.8	9.8	10.5	11.5	16.8	18.2	15.1	9.0	4.9	1.7	.4	.2						930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4118565	60019	64.5	16.111	930							
Dry Bulb	5110777	68567	73.7	7.727	930			76.5	53.2	22.6	.3	93
Wet Bulb	4028543	60903	65.5	6.326	930			42.9	12.8	.2		93
Dew Point	3434299	56027	60.2	7.970	930			22.8	1.7			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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
102/101										.1								1	1		
100/ 99										.3								3	3		
98/ 97									.1									1	1		
94/ 93								.1	.3	.1	.1		.2	.1				9	9		
92/ 91							.2	.2	.2	.2	.5	.3	.2	.1				19	19		
90/ 89						.1	.2	1.6	.6	1.2	.4	.2						41	41		
88/ 87						.1	1.5	1.9	1.9	.9	.1							60	60		
86/ 85					.1	1.4	1.1	3.0	2.2	.8	.6		.2					87	87	1	
84/ 83				.1	.3	2.0	1.9	1.5	1.9	1.4	.1	.1						88	88	1	
82/ 81				.2	.9	1.2	1.3	1.5	2.6	1.1	.4	.1						86	86	3	
80/ 79				.4	.9	1.8	.8	1.3	2.2	1.2	.3							82	82	4	1
78/ 77			.5	1.0	1.5	.8	1.2	1.5	.9	.4	.3							75	75	14	1
76/ 75		.1	.4	.9	.5	.6	1.7	1.6	.6	.5	.2							68	68	58	7
74/ 73	.1	.9	.5	.9	1.2	1.5	1.1	1.8	1.2	.2								87	87	90	15
72/ 71	.1	.3	.8	1.1	.6	.3	.8	1.1	.5									52	52	121	51
70/ 69	.1	.6	1.4	.1	.4	.6	.6	.4	.5									46	47	119	65
68/ 67	.1	.8	.9	.1	.2	.5	.3	.4										31	31	72	82
66/ 65	.1	1.0	.3		.2	.2	.1	.1										19	19	121	72
64/ 63		.9	.5		.2		.5											20	20	92	104
62/ 61		1.2	.5	.1	.1	.3	.3											24	24	72	71
60/ 59	.1	1.3	.2			.2	.2											19	19	67	77
58/ 57			.1															1	1	42	69
56/ 55	.1	.5																6	6	23	85
54/ 53	.1	.2																3	3	10	55
52/ 51																				11	38
50/ 49																				6	43
48/ 47																				1	25
46/ 45																					20
44/ 43																					13
42/ 41																					13
40/ 39																					16
38/ 37																					2
36/ 35																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.9	7.8	6.3	4.8	7.2	11.9	13.9	18.2	15.8	8.4	3.2	.8	.6	.2				928	929	928	928

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3188593	51909	55.9	17.534	928							
Dry Bulb	5712189	72437	78.0	8.308	929			83.8	70.8	44.5	1.4	93
Wet Bulb	4168200	61928	66.7	6.195	928			48.4	17.1	4.7		93
Dew Point	3381228	55488	59.8	8.272	928			22.2	2.4			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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
AUG — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
102/101										.2								2	2		
100/ 99										.1								1	1		
98/ 97										.1								1	1		
96/ 95									.2					.1				3	3		
94/ 93								.1	.1	.1	.1			.1				5	5		
92/ 91							.1	.2	.2	.3	.3	.2	.1	.1				15	15		
90/ 89							.4	1.1	1.0	.7	.8	.1	.1					38	38		
88/ 87							1.1	1.5	1.8	.7	.9	.2	.3					59	59		
86/ 85						1.1	1.3	2.4	2.0	.5	.3	.3						73	73		
84/ 83					.2	1.5	1.8	1.8	1.4	1.0								70	70	2	
82/ 81			.1		1.2	1.2	1.3	2.0	2.0	1.1	.7	.2						89	89	1	
80/ 79			.3	.7	2.1	1.4	1.3	2.3	1.4	.9	.4							99	99	5	
78/ 77			.3	.7	1.1	.8	1.0	1.5	1.9	.8	.8							88	80	13	2
76/ 75			.2	1.2	1.4	1.4	1.0	1.6	.7	.4	.1							74	74	41	4
74/ 73		.7	.9	1.3	1.1	1.0	1.2	.8	.5									68	68	95	11
72/ 71		.8	.7	.5	1.0	.7	.9	.9	.8									56	56	111	46
70/ 69	.1	.9	1.8	.5	.5	1.1	.2	1.0	.4									60	60	184	66
68/ 67	.4	.9	1.0	.7		.1	.2	.2										32	32	108	79
66/ 65	.1	.7	.1		.1	.1	.3	.2										15	15	119	90
64/ 63		1.5			.5	.1	.2	.1										23	23	92	94
62/ 61	.1	1.2	.5	.2		.2	.2											23	23	80	77
60/ 59		.2	.4			.2	.1											9	9	44	82
58/ 57	.2	.7	.1		.1													10	10	44	69
56/ 55	.2	.3																5	5	30	67
54/ 53		.1																1	1	11	60
52/ 51		.2																2	2	7	39
50/ 49																				5	34
48/ 47																				1	23
46/ 45																					21
44/ 43																					21
42/ 41																					16
40/ 39																					9
38/ 37																					1
36/ 35																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) AUG (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
TOTAL	1.2	8.1	6.5	5.8	9.4	11.0	12.7	17.7	14.3	6.9	4.4	1.1	.5	.3				913	913	913	913

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.	3255826	51952	56.9	18.126	913							
Dry Bulb	5558952	70846	77.6	8.213	913			89.0	69.0	42.0	1.2	93
Wet Bulb	4083775	60817	66.6	5.980	913			48.9	16.0	.6		93
Dew Point	3327917	54621	59.8	8.089	913			21.2	1.7			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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
AUG — MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97										.2								1	1		
92/ 91								.2										1	1		
90/ 89							.4		.2		.2							4	4		
88/ 87								.2	.2	.4								4	4		
86/ 85						.9	.9	.2			.4							11	11		
84/ 83					.2	1.6	2.0	.7	.7									23	23		
82/ 81				.2	.9	1.8	1.8	.7										24	24		
80/ 79		.2		2.0	2.0	3.3	.4	1.8	.9	.2								49	49	1	
78/ 77		.2		1.3	2.0	1.6	.9	1.3	.4									35	35	6	2
76/ 75		.2	.9	2.4	2.0	2.9	2.0	1.3	.4	.2								56	56	6	
74/ 73		.7	.9	2.0	3.1	1.8	1.1	1.1	.7									51	51	39	5
72/ 71		.4	1.6	.7	.4	1.1	1.8	.2	.2									29	29	41	18
70/ 69	1.1	2.2	1.1	1.1	1.8	1.1	1.1	.2										44	44	59	36
68/ 67	.7	2.0	1.3	2.0	.9	1.3	.9	.2										42	42	56	45
66/ 65	.7	1.1	2.2	.4	.7	.2	.2											25	25	55	61
64/ 63	.2	1.6		.4	.9	.2												15	15	49	35
62/ 61	.4	2.0	.2	.4	.7	.2												18	18	53	38
60/ 59		.7	.2	.7	.4													9	9	32	54
58/ 57		.2	.4		.4													5	5	23	32
56/ 55	.4																	2	2	15	30
54/ 53	.2																	1	1	10	26
52/ 51	.4																	2	2	4	26
50/ 49																				2	14
48/ 47																					13
46/ 45																					8
44/ 43																					6
40/ 39																					2
TOTAL	4.2	11.5	8.9	13.7	16.4	18.0	13.5	8.2	3.8	1.1	.7								451		451
																		451		451	

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.	2126614	30060	66.7	16.537	451							
Dry Bulb	2443829	33037	73.3	7.269	451			77.1	53.4	18.6	.2	93
Wet Bulb	1952766	29564	65.6	5.732	451			42.9	10.7	.2		93
Dew Point	1685042	27374	60.7	7.233	451			21.9	1.4			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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
SEP — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				.6														5	5		
76/ 75			.5		.3	.2												9	9		
74/ 73		.2	.6															7	7	5	
72/ 71		.6	1.5	.6	.2													25	25	10	3
70/ 69		.7	1.3	.8	.2													26	26	9	17
68/ 67	.2	.5	1.3	.3	.1	.1												22	22	27	12
66/ 65	.2	2.2	1.3	.7	.6													43	43	26	20
64/ 63	.3	2.1	1.9	.9	.6	.2												52	52	41	29
62/ 61	.6	2.8	1.3	.9	.2	.1												51	51	44	41
60/ 59	1.9	3.8	2.5	.8	.5	.1												83	83	67	64
58/ 57	.5	3.7	2.8	1.6	.1		.1											76	76	65	52
56/ 55	1.0	5.1	1.9	1.0	.1													79	79	76	55
54/ 53	.8	4.5	1.3	.9	.1	.1												67	67	90	74
52/ 51	.1	4.4	3.2	.7	.5													77	77	70	85
50/ 49		3.2	1.3	.2	.1													42	42	62	64
48/ 47	.5	3.4	1.3	.3	.3													50	50	66	69
46/ 45	.1	1.9	.7	.2														25	25	46	50
44/ 43	.2	2.4	1.4	.3	.1													39	39	28	33
42/ 41		1.6	.5	.1														19	19	33	42
40/ 39	.3	2.7	.2															28	28	36	38
38/ 37	.3	.8	.2															12	12	25	39
36/ 35	.7	1.2																16	16	15	25
34/ 33	.6	.3																8	8	18	17
32/ 31	.2																	2	2	4	27
30/ 29																					3
28/ 27																					4
TOTAL	8.7	48.1	26.8	11.2	4.2	.9	.1												863		863
																		863		863	

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.	6180312	72444	83.9	10.719	863							
Dry Bulb	2709334	47688	55.3	9.276	863		.2	9.8	2.2			90
Wet Bulb	2457284	45410	52.6	8.873	863		.4	5.3	.5			90
Dew Point	2263772	43438	50.3	9.474	863		3.5	3.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89									.1									1	1		
88/ 87							.1	.1	.1									3	3		
86/ 85					.1	.2	.2	.2										7	7		
84/ 83					.1	.7	.1	.1										9	9		
82/ 81				.2	.1	.1	.7	.1										11	11		
80/ 79				.1	.1	.3	.2	.2	.2									11	11		
78/ 77				.3	1.2	.7	1.0	.2	.2									32	32	1	
76/ 75				.7	.9	1.3	1.3	.5										40	40	7	
74/ 73			.6	1.4	1.0	.9	.6	.3	.1									43	43	12	2
72/ 71	.1	.2	1.2	.8	1.3	1.0	2.2	.5										63	63	16	8
70/ 69	.1	.1	1.2	.7	1.3	.9	1.4	.6	.1									55	55	35	14
68/ 67	.2	.5	1.4	1.2	1.8	3.7	.8	.6										88	88	52	21
66/ 65		.5	.9	1.7	2.1	1.5	1.4	.6										75	75	50	35
64/ 63	.1	.9	.7	1.4	1.8	2.2	1.5	.2	.1									78	78	47	44
62/ 61	.7	1.5	.8	1.7	2.0	1.5	.8	.1										79	79	77	48
60/ 59	.5	1.4	1.4	1.0	1.4	2.2	.8											75	76	95	51
58/ 57	.3	2.0	1.5	1.3	.9	1.3	.2											65	66	93	66
56/ 55	1.2	.9	1.2	1.3	1.2	.5	.1	.1										55	56	99	59
54/ 53	.5	1.2	.6	.8	.5	.3												33	33	88	85
52/ 51		.5	.3	.3	.6	.3	.2											20	20	62	81
50/ 49	.1	.7	.1	.2	.2	.1												13	13	65	77
48/ 47		.5	.3	.1	.1	.1												10	10	29	52
46/ 45				.1														1	1	15	48
44/ 43																				12	50
42/ 41																				9	32
40/ 39																				3	41
38/ 37																					18
36/ 35																					14
34/ 33																					5
32/ 31																					7
30/ 29																					2
28/ 27																					3
26/ 25																					1
24/ 23																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
SEP — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					1
TOTAL	3.	8	10.	7	12.	1	15.	5	18.	7	20.	0	13.	7	4.	5	1.0		870		867
																		867		867	

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.	3948013	56713	65.4	16.587	867							
Dry Bulb	3730642	56534	65.0	8.097	870			37.6	16.2	4.0		90
Wet Bulb	2958739	50267	58.0	7.157	867			12.8	2.1			90
Dew Point	2447623	45391	52.4	9.069	867		1.7	4.7	.2			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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
94/ 93									.1	.2	.1							4	4		
92/ 91										.1		.1						2	2		
90/ 89								.2		.1	.3							6	6		
88/ 87							.6	.5	.1									10	10		
86/ 85							.5	.5	.2	.5								14	14		
84/ 83						.2	.7	.3	.7	.3	.1							21	21		
82/ 81						.6	.8	1.4	1.0	.6								38	38		
80/ 79				.1	.7	.2	.9	1.4	.5	.1								34	34		
78/ 77			.2	.2	.5	.3	1.7	1.8	1.3									53	53	2	
76/ 75				.7	.5	1.8	1.5	1.8	1.5	.6	.1							74	74	12	
74/ 73			.3	.9	.3	1.5	.8	1.5	1.2	.3								60	60	14	
72/ 71	.2	.1	.7	.5	.5	.8	2.4	1.8	2.1									79	79	28	8
70/ 69	.1	.2	.5	.6	.9	.8	2.5	1.4	.8									68	68	45	16
68/ 67		.2	.8	.3	1.3	2.1	2.5	1.6	.6	.3								85	85	55	30
66/ 65	.1	.9	.1	.2	.7	.8	2.8	1.8	.2									67	67	71	31
64/ 63	.2	.5	1.2	.3	.6	2.2	2.1	.3	.2									66	66	72	25
62/ 61		1.3	.6	.3	.2	1.7	2.3	.5										60	60	68	51
60/ 59	.2	.7	.8	1.0	.3	.6	.6	.2	.2									41	41	90	59
58/ 57	.6	1.4	.9	.2	.3	.3	.7	.2	.1									42	42	107	74
56/ 55	.2	.6	.2	.1		.3	.1	.2										16	16	82	55
54/ 53	.3	1.0			.1	.1	.2	.1										17	17	78	59
52/ 51		.3																3	3	76	71
50/ 49		.6																5	5	26	71
48/ 47		.2																2	2	21	67
46/ 45	.1																	1	1	11	45
44/ 43																				6	49
42/ 41																				4	45
40/ 39																					41
38/ 37																					27
36/ 35																					17
34/ 33																					5
32/ 31																					9
30/ 29																					2
28/ 27																					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 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					3
20/ 19																					3
TOTAL	2.2	8.1	6.3	5.6	6.9	14.5	23.7	17.7	10.8	3.2	.7	.1						868	868		868
																				868	

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.	2940115	48011	55.3	18.115	868							
Dry Bulb	4267570	60416	69.6	8.483	868			56.8	32.8	11.4	.4	90
Wet Bulb	3118784	51676	59.5	6.983	868			16.2	2.9			90
Dew Point	2394883	44831	51.6	9.571	868		2.3	5.6				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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) SE (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
92/ 91									.2									2	2		
90/ 89								.2	.2		.4							7	7		
88/ 87						.1	.5	.5		.1	.1							11	11		
86/ 85							.2	.4	.1	.2	.1							9	9		
84/ 83						.5	.2	.6	.4	.6	.2							21	21		
82/ 81					.1	1.1	1.0	.6	.5	.4	.1							31	31		
80/ 79					.2	1.3	.5	1.3	.7	.2	.1							37	37		
78/ 77			.2		.5	1.1	1.0	1.8	1.1	.1								48	48	2	
76/ 75			.1	.6	.6	2.0	1.8	1.2	1.3	.5								68	68	9	
74/ 73			.2	.4	1.1	1.4	1.6	1.3	1.9	.6								71	71	16	1
72/ 71		.1	.6	.4	.8	1.3	1.8	1.6	1.1	.2								66	66	20	5
70/ 69		1.1	.8	.6	1.0	1.2	2.0	1.0	.6	.1								70	71	44	13
68/ 67		.2	.6	.1	.7	1.8	2.0	2.6	.5	.4								75	75	51	31
66/ 65		.8	.5	.6	1.8	1.0	2.5	1.0	1.0									76	76	76	35
64/ 63		1.9	.6	.5	1.0	2.0	2.0	.8	.1									75	75	67	36
62/ 61	.1	1.0	1.8	.2	.2	2.1	1.8	.4	.1									65	65	75	42
60/ 59		.1	.8	.2	.6	.7	.8	.2	.1									31	31	85	49
58/ 57	.5	.5	.5	.2	.2	.5	.2	.4	.2									27	27	103	66
56/ 55		1.7	.4		.1	.2	.1											21	21	61	60
54/ 53	.4	1.0	.1					.1										13	13	90	71
52/ 51		.5	.2															6	6	68	61
50/ 49		.6																5	5	38	53
48/ 47		.4																3	3	20	60
46/ 45																				8	50
44/ 43																				3	56
42/ 41																				1	47
40/ 39																				1	32
38/ 37																					19
36/ 35																					27
34/ 33																					6
32/ 31																					7
30/ 29																					4
28/ 27																					1
26/ 25																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
SEP — 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
20/ 19																					3
TOTAL	1.0	9.8	7.5	3.8	8.9	18.4	20.0	15.9	10.1	3.5	1.1								839		838
																		838		838	

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.	2890117	46831	55.9	18.060	838							
Dry Bulb	4097863	58227	69.4	8.239	839			55.5	32.7	10.5		90
Wet Bulb	3009506	49888	59.5	6.875	838			15.3	2.9			90
Dew Point	2318880	43352	51.7	9.539	838		1.9	5.4	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.3											1	1		
84/ 83				.3		.3	.3											3	3		
82/ 81			.3		.8		.3		.3									6	6		
80/ 79				.3	.8		.3											5	5		
78/ 77				.5	.8	.3	.3	.5	.5									11	11	2	
76/ 75				1.3	1.3	.5	.8											15	15		2
74/ 73		.3	.3	1.5	.8	1.8	.8	.3	.5									24	24	7	
72/ 71	.3	.3	1.3	.5	2.3	1.5	.3	.3										26	26	10	4
70/ 69		1.0	1.5	1.5	1.8	.8	.3	.3										28	28	11	9
68/ 67	.3		1.3	1.8	1.8	2.0	1.3	.5	.3									36	36	22	13
66/ 65		1.0	.3	1.0	1.5	.8	.8	.3										22	22	19	14
64/ 63		1.5	2.3	1.8	1.5	1.3	.5											35	35	37	13
62/ 61	.5	2.5	1.3	1.3	3.0	1.8	.3											42	42	34	25
60/ 59		1.0	2.0	2.0	2.3	2.0	.3											38	38	39	21
58/ 57	.3	.8	1.0	1.8	2.3	.5												26	26	36	42
56/ 55		2.0	1.5	2.5	.8	1.0												31	31	32	26
54/ 53	.5	1.3	.5	.5	1.5		.3											18	18	36	33
52/ 51		1.3	1.3	.3	.8	.3	.3											16	16	39	27
50/ 49		.5	.3	.3		.3	.3											6	6	32	30
48/ 47		.8	.3	.3														5	5	18	31
46/ 45			.3	.3														2	2	10	30
44/ 43																				5	22
42/ 41																				5	19
40/ 39																				1	11
38/ 37																				1	12
36/ 35																					5
34/ 33																					2
30/ 29																					2
26/ 25																					1
20/ 19																					2
TOTAL	1.8	14.1	15.4	19.4	23.7	14.9	7.1	2.0	1.5									396	396		396
																				396	

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.	1912995	26867	67.8	15.110	396							
Dry Bulb	1646910	25338	64.0	8.060	396			35.2	14.8	2.5		90
Wet Bulb	1337829	22829	57.6	7.422	396			11.8	2.0			90
Dew Point	1126602	20808	52.5	9.173	396		1.1	6.4	.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69			.1	.1	.1													3	3		
68/ 67			.2	.2														4	4		
66/ 65		.2	.2	.2	.1													7	7	2	
64/ 63	1.0	1.4		.1		.1												22	22	16	12
62/ 61		1.1	.8															16	16	15	8
60/ 59	.1	1.8	.6	.4														24	24	20	21
58/ 57	.8	2.7	.2	.2	.1													35	35	28	20
56/ 55	.8	2.3	.8	.7	.2	.1												42	44	34	38
54/ 53	.2	3.3	1.4	1.2	.5	.1												57	57	27	29
52/ 51	1.0	2.1	1.8	.7	1.1													56	57	53	40
50/ 49	.6	3.2	1.5	1.7	.5	.1												64	66	41	26
48/ 47	.1	4.8	1.2	1.4														63	63	63	45
46/ 45	1.0	3.0	2.6	1.0	.1													64	65	67	55
44/ 43	.2	4.1	2.5	1.4														69	71	66	47
42/ 41	.4	2.3	2.1	.8	.1													48	49	69	56
40/ 39	.8	2.4	2.4	.6	.1													53	56	57	43
38/ 37	.4	3.3	1.9	.6														52	53	53	52
36/ 35	.5	2.5	1.8	.1														41	42	56	69
34/ 33	.8	2.7	.7	.1														37	39	53	49
32/ 31	.1	3.3	1.3															40	41	35	60
30/ 29		1.4	.4															15	15	35	45
28/ 27	.2	1.5																15	17	23	31
26/ 25	.1	1.0																9	11	18	36
24/ 23		.2																2	2	7	14
22/ 21		.1																1	1	1	18
20/ 19																					19
18/ 17																					6
TOTAL	9.2	50.9	24.8	11.7	3.0	.5													860		839
																		839		839	

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.	5732252	68526	81.7	12.708	839							
Dry Bulb	1850329	39037	45.4	9.551	860		9.4	.8				93
Wet Bulb	1632940	36154	43.1	9.460	839		13.2					93
Dew Point	1441487	33581	40.0	10.781	839		25.4					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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
OCT — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
80/ 79							.1											1	1		
78/ 77							.2											2	2		
76/ 75			.1		.1													2	2		
74/ 73		.1			.5	.5	.1	.1	.1									12	12	1	
72/ 71		.1		.1	.3	.2	.2	.1										10	10	2	1
70/ 69		.1	.3	.7	.9	.2		.2	.1	.1								24	24	2	2
68/ 67		.2	.6	.5	.3	.3	.2	.1	.1									21	22	2	2
66/ 65	.1	.9	.8	.8	.3	.3	.8	.2										38	38	19	4
64/ 63	.2	1.0	.6	.6	.9	1.1	.1	.1	.1									42	43	30	13
62/ 61		1.1	.3	.9	.8	.9	.7	.5										46	47	3[illegible]	20
60/ 59	.2	1.3	1.0	1.1	.9	.9	.5											52	53	30	29
58/ 57	.3	1.1	1.0	.8	1.5	1.5	.6											60	62	30	34
56/ 55		1.6	1.0	2.2	1.8	1.7	.6											78	83	48	25
54/ 53		2.1	1.3	1.7	2.1	1.7	.1											78	80	60	23
52/ 51	.1	2.1	2.2	1.1	2.1	.8	.1											74	74	59	36
50/ 49		2.4	.7	1.3	2.2	1.1	.1											68	69	81	52
48/ 47	.2	1.7	.7	2.2	2.3	.6	.1											68	68	90	65
46/ 45	.1	1.5	1.3	1.5	1.8	.8												61	62	78	52
44/ 43	.2	1.0	1.0	1.4	1.0	.1	.1											43	43	62	74
42/ 41	.2	.6	1.8	.6	.9	.2												38	42	70	32
40/ 39	.1	.5	1.3	.3	.1													20	21	54	47
38/ 37	.1	.8	.8	.3	.1													19	20	50	60
36/ 35		.3	.5	.1	.1													9	9	38	54
34/ 33		.2	.1															3	3	23	52
32/ 31			.2															2	2	8	79
30/ 29																				3	33
28/ 27																				1	21
26/ 25																					20
24/ 23																					12
22/ 21																					14
20/ 19																					7
18/ 17																					2
16/ 15																					4
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 11																					1
TOTAL	2.	120.	917.	718.	321.	213.	2 4.	7 1.	4 .5	.1								871	892	871	871

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.	4143218	58062	66.7	17.705	871							
Dry Bulb	2631258	47800	53.6	8.850	892		.2	7.6	1.8	.1		93
Wet Bulb	2072957	41845	48.0	8.484	871		1.3	.7	.1			93
Dew Point	1636610	36532	41.9	10.953	871		20.7	.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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 87									.1									1	1		
84/ 83								.1		.1								2	2		
82/ 81					.1		.1		.1									3	3		
80/ 79					.1		.1	.2										4	4		
76/ 77		.3	.1			.1	.5	.5	.1									14	14	1	
76/ 75					.1	.5	.5	.3	.1			.1						14	14	2	3
74/ 73			.1	.1	.3	.8	.3	.3	.6	.1	.3	.1						28	28	2	
72/ 71			.2	.1	.9	.7	.7	.6	.5	.1	.1							34	36	3	1
70/ 69		.1	.3	.8	.2	.5	.8	1.0		.2	.1							36	39	3	3
68/ 67	.2		.1	.2	.6	1.5	1.7	1.2	.1	.3								52	55	13	3
66/ 65		.9	.6		1.0	.7	1.3	.8	.8	.1								54	56	25	6
64/ 63	.1	.5	.3	.8	1.3	1.0	1.2	1.0	.5	.1	.1							60	60	35	8
62/ 61		.7	.2	1.0	.9	.3	.7	.7										40	41	23	24
60/ 59	.1	.7	.5	.9	1.4	1.3	1.3	1.6	.1									68	72	41	25
58/ 57		1.3	.5	1.2	2.0	1.9	.9	.6										71	71	50	24
56/ 55		.7	.8	1.4	.9	1.9	1.9	.2										67	70	75	23
54/ 53	.2	.8	.8	.8	1.5	1.9	1.9	.6										73	73	59	40
52/ 51	.1	1.3	.7	.6	1.2	2.3	1.0	.1										63	63	77	43
50/ 49	.6	1.7	.2	.1	1.9	1.9	1.3	.1										67	67	84	54
48/ 47	.1	.7		.3	.8	1.5	.2	.1										33	34	70	46
46/ 45	.1	.6	.8	1.0	.7	.9	.2											38	39	65	61
44/ 43	.1	.7	.5	.1	.2	.1												15	19	56	71
42/ 41		.3	.9	.1	.1													13	13	70	32
40/ 39		.1			.3													4	4	43	36
38/ 37			.1		.1													2	2	39	47
36/ 35		.2	.1															3	3	14	51
34/ 33		.2																2	2	7	38
32/ 31																				4	63
30/ 29																					39
28/ 27																					40
26/ 25																					14
24/ 23																					10
22/ 21																					21
20/ 19																					20

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					4
16/ 15																					8
12/ 11																					2
10/ 9																					1
TOTAL	1.	71	2.0	8.0	9.8	16.8	19.7	16.6	10.2	3.0	1.2	.7	.2					861	885	861	861

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.	3068866	48430	56.2	20.022	861							
Dry Bulb	3116004	51872	58.6	9.251	885			20.6	6.9	.7		93
Wet Bulb	2241924	43336	50.3	8.403	861		.4	2.6	.5			93
Dew Point	1608355	35781	41.6	11.881	861		24.0	1.1	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
OCT — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85									.1									1	1		
84/ 83								.1		.1								2	2		
82/ 81					.2		.1		.1									4	4		
78/ 77		.1			.1	.1	.4	.5	.2									12	12		
76/ 75		.1				.6	.7	.1		.1		.1						15	15	1	
74/ 73	.1	.2	.2	.1	.6	.5	.1	.6	.4	.1								25	26	4	3
72/ 71	.1	.2	.4	.4	.7	.1	.7	.6	.5	.2	.2							35	36	4	3
70/ 69			.4	.1	.4	.5	1.1	.6	.2		.4							30	34	8	4
68/ 67			.2	.4	.1	1.2	.8	.8	.4	.1								34	36	6	4
66/ 65		.1	.4	.4	.7	1.6	.9	.8	.7	.5								52	54	24	3
64/ 63		.6	.1	.6	1.2	1.2	.8	1.3	.1									50	54	23	6
62/ 61	.1	.6	.6	1.1	1.3	1.5	1.5	1.1	.1									67	68	21	16
60/ 59	.1	1.1	1.1	1.1	1.4	.9	1.1	.9	.4									68	68	30	26
58/ 57	.2	.6	.9	1.3	1.5	1.9	1.1	.1	.2									67	67	65	25
56/ 55	.1	1.1	.7	1.2	.9	1.2	1.6	.7	.1									65	67	63	22
54/ 53	.5	.5	.9	.6	1.2	2.2	.9	.6	.1									64	65	68	29
52/ 51		1.4	.7	1.2	.7	2.2	.6	.2										60	60	86	39
50/ 49	.5	1.3	.4	.7	1.2	2.0	2.5	.1										73	73	73	71
48/ 47	.1	1.5	.5	.7	1.2	1.5		.1										48	50	70	60
46/ 45	.1	.6	.7	.9	1.4	.7	.1											39	39	62	58
44/ 43	.2	.6		.6	.4	.2												17	20	58	41
42/ 41	.1	.2	.2	.2	.1	.1												9	10	66	44
40/ 39		.6			.1													6	6	45	43
38/ 37	.2			.1	.2													5	5	53	47
36/ 35	.1	.1		.1														3	3	12	56
34/ 33		.4																3	3	5	27
32/ 31																				4	61
30/ 29																				3	42
28/ 27																					32
26/ 25																					19
24/ 23																					7
22/ 21																					24
20/ 19																					22
18/ 17																					12

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					4
14/ 13																					2
10/ 9																					2
TOTAL	2.7	11.8	8.3	11.6	15.6	20.3	15.0	9.3	3.6	1.2	.6	.1							878		854
																		854		854	

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.	3129676	48666	57.0	20.441	854							
Dry Bulb	3028469	50921	58.0	9.261	878			17.6	6.4	.7		93
Wet Bulb	2186829	42619	49.9	8.381	854		.8	2.5	.5			93
Dew Point	1573320	35216	41.2	11.917	854		24.7	1.5	.3			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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75				.2														1	1		
74/ 73						.5												2	2		
72/ 71	.2	.2	.2	.2	.2	.5												7	7	2	2
70/ 69		.7		1.2														8	8	2	
68/ 67	.2	.2	.5	1.0				.2	.2									10	10	5	4
66/ 65		.7	.5	.5		.2	.2											9	10	4	2
64/ 63		.7	.2	.5	.2	1.2	.2											13	14	11	4
62/ 61	.2	.7	1.7	1.2	1.2	.5	.2	.2										25	27	13	7
60/ 59	.7	.2	1.0	1.4	1.0	1.0												22	23	10	13
58/ 57	.7	.5	1.4	2.4	1.0	2.6	.2	.2										38	38	15	10
56/ 55	.7	1.4	2.9	2.4	1.4	.2												38	39	16	13
54/ 53	.2	1.4	3.1	1.0	.7	1.7												34	35	32	20
52/ 51		1.9	2.1	.7	1.2	.7												28	29	40	13
50/ 49		2.4	2.4	1.9	2.4	.5												40	41	38	27
48/ 47	.2	1.9	1.9	1.4	2.1	.2	.2											34	34	42	35
46/ 45		1.0	1.9	1.7	1.4	1.0												29	29	27	30
44/ 43	.2		1.4	1.0	.7	.5												16	16	32	25
42/ 41		1.0	.5	1.9	1.0													18	18	26	25
40/ 39	.2	1.0	2.4	1.9	1.0													27	29	29	18
38/ 37		.7	.7	.7														9	9	17	32
36/ 35	.5		.5	.7														7	8	30	21
34/ 33		.5	.5	.2														5	6	12	16
32/ 31																				13	31
30/ 29																				3	13
28/ 27																				1	23
26/ 25																					10
24/ 23																					6
22/ 21																					6
20/ 19																					12
18/ 17																					2
TOTAL	4.3	17.1	25.7	24.0	15.5	11.2	1.2	.7	.2									420	433	420	420

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.	2115833	28957	68.9	16.880	420							
Dry Bulb	1214803	22615	52.2	8.826	433			6.0	.6			93
Wet Bulb	972367	19867	47.3	8.822	420		3.8	2.0				93
Dew Point	782800	17500	41.7	11.314	420		22.8	1.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67		.5																3	3	1	
66/ 65		.3	.3															4	6	2	3
64/ 63		.5	.2															4	6	4	2
62/ 61		.3	.3															4	4	5	5
60/ 59																			2	1	2
58/ 57		.7																4	5	2	1
56/ 55		.3	.2	.2														4	5	5	7
54/ 53	.8	2.0		.2														18	19	12	7
52/ 51	1.2	1.7																17	22	16	17
50/ 49	.3	2.3	.7															20	23	19	11
48/ 47		2.0	1.3		.2	.2												22	22	13	13
46/ 45		2.8	.3	.3	.8													26	26	17	18
44/ 43	.7	2.2	1.2	1.5														33	34	26	16
42/ 41	.7	2.5	2.0	1.5														40	40	17	17
40/ 39	1.3	2.8	3.0	1.3														51	52	40	30
38/ 37	.3	3.0	2.0	2.3														46	47	52	25
36/ 35	.2	2.0	3.8	3.3	.5													59	60	38	21
34/ 33	.2	4.0	3.2	.7	.2													49	50	38	14
32/ 31	.3	4.7	2.7	1.0														52	52	67	54
30/ 29	1.5	2.2	2.8	.3														41	41	68	40
28/ 27	.3	4.5	1.2															36	36	33	43
26/ 25	.7	2.2	.7															21	21	56	34
24/ 23		1.3	1.2															15	15	25	44
22/ 21	.3	2.0	.2															15	15	18	37
20/ 19	.2	1.0																7	7	15	60
18/ 17			.8															5	5	1	15
16/ 15		.2																1	1	3	26
14/ 13																				3	1.
12/ 11	.2																	1	1	1	1
10/ 9																					
8/ 7																					1
6/ 5																					2
4/ 3																					1
2/ 1																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
U/ -1																					1
TOTAL	9.	248.	228.	112.	7.	1.	7.	.2.										598	620.	598	598

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.	3655299	45911	76.8	14.786	598							
Dry Bulb	948790	23462	37.8	9.922	620		28.2	.4				90
Wet Bulb	783299	20845	34.9	9.744	598		43.6	.2				90
Dew Point	636944	18152	30.4	11.999	598	.2	58.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
70/ 69					.1													1	3		
68/ 67		.3	.1		.1	.1	.1											6	10	1	
66/ 65		.1		.3														3	8	1	2
64/ 63		.4	.3			.1	.1											7	12	3	3
62/ 61		.3	.5	.6	.1	.1	.1											14	16	5	2
60/ 59		.3	.1	.1	.3	.1	.4	.1										11	11	9	2
58/ 57	.1	.5	.6	.6	.1	.4		.1										20	23	6	9
56/ 55	.1	1.4	.8	.6	.6	.3	.5											34	37	16	7
54/ 53	.3	1.1	.6	.9	.1	.5	.1	.1										30	34	21	17
52/ 51	.6	1.1	1.1	1.0	.8	.9	.1											45	48	28	22
50/ 49	.5	1.5	1.4	1.3	1.0	1.3	.1											56	56	26	19
48/ 47	.4	2.3	.9	1.4	1.6	.4	.1											56	56	47	23
46/ 45	.6	2.3	.9	1.3	1.9	.4	.1											59	61	54	39
44/ 43	.5	2.8	1.3	2.5	1.9	.1	.1											73	73	54	30
42/ 41	.1	1.6	1.4	3.4	1.9	.6												72	72	55	36
40/ 39	.1	2.0	2.4	3.4	2.6													84	84	60	43
38/ 37		1.8	1.0	3.0	1.0	.3												56	56	66	25
36/ 35		1.0	3.0	3.0	.3													58	58	78	36
34/ 33		1.5	1.8	1.8	.5													44	44	69	39
32/ 31		1.1	1.4	1.4														31	31	75	54
30/ 29	.3	.4	.5	.6														14	14	52	50
28/ 27	.1	.9	.1	.4														12	12	30	53
26/ 25		.4	.3	.1														6	6	23	64
24/ 23		.1	.1															2	2	10	38
22/ 21			.1															1	1	3	54
20/ 19			.3															2	2	2	51
18/ 17			.1															1	1	2	25
16/ 15																				2	15
14/ 13																					7
12/ 11																					13
10/ 9																					10
8/ 7																					4
6/ 5																					2
4/ 3																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 2
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
<1	1																				2
TOTAL	3.	8	24.	9	20.	9	27.	6	14.	9	5.	5	2.	0	.	4		798	831	798	798

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.	3772560	52888	66.3	18.316	798							
Dry Bulb	1698477	36777	44.3	9.240	831		7.5	1.4				90
Wet Bulb	1280716	31194	39.1	8.773	798		22.4	.1				90
Dew Point	943071	25733	32.2	11.921	798		50.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.4	.1				.1								5	8		
72/ 71					.1	.3	.1	.1										5	13		
70/ 69		.1		.4	.3													6	10		
68/ 67	.1	.1		.4	.1	.1												7	8	2	2
66/ 65		.1	.6		.3	.4	.8	.1										18	23	5	1
64/ 63		.4	.3	.4	.1		.4	.9	.4	.3								24	25	7	
62/ 61	.1	.3	.4	.4	1.0	.3	.5	.6	.1									29	31	17	9
60/ 59		.4	.4	.4	.5	.9	.6	.6	.4									33	35	4	8
58/ 57		.5	.5	.3	.4	1.3	.1	.5	.5									32	34	14	11
56/ 55	.1	.3	.6	1.3	.8	.5	.5	.4										35	39	18	15
54/ 53	.4	.6	.6	1.5	.8	1.4	.3	.1										45	45	29	10
52/ 51	.1	1.0	.8	1.9	1.0	1.3	.6	.3										55	55	24	12
50/ 49	.1	1.5	.9	1.4	.9	1.5	.4	.5										57	57	59	20
48/ 47	.6	1.3	.3	.9	3.1	2.4	.9											75	75	57	37
46/ 45	.5	1.3	.5	1.1	2.8	2.6	.3											72	72	53	26
44/ 43	.4	1.0	1.0	2.0	3.6	2.1	.6											86	86	53	28
42/ 41	.1	1.6	1.0	2.4	2.4	1.4												71	72	50	39
40/ 39		.4	.8	1.1	2.5													38	38	75	41
38/ 37		.1	.9	1.1	1.1													26	26	86	34
36/ 35		.8	.5	1.4	1.6													34	34	76	33
34/ 33		1.0	.1	.1	.9													17	17	58	30
32/ 31		.4		.1	.9													11	11	47	62
30/ 29	.3	.9																9	9	25	49
28/ 27		.1		.3														3	3	19	39
26/ 25			.1															1	1	8	65
24/ 23																				6	20
22/ 21																				2	46
20/ 19			.4															3	3		54
18/ 17																				3	32
16/ 15																					26
14/ 13																					10
12/ 11																					17
10/ 9																					4
8/ 7																					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) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					1
4/ 3																					1
TOTAL	2.	91	4.1	10.5	18.7	25.5	16.4	6.0	4.1	1.4	.4							797	830	797	797

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2930643	45585	57.2	20.156	797							
Dry Bulb	2065882	40600	48.9	9.818	830		2.9	4.2	.9			90
Wet Bulb	1445366	33196	41.7	8.876	797		12.4	.2				90
Dew Point	963076	25798	32.4	12.682	797		49.8	.2				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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.3	.1			.1									4	6		
72/ 71					.3		.3		.1									5	11		
70/ 69		.4	.1	.1		.1												6	9		
68/ 67			.3	.1		.3												5	8	3	3
66/ 65		.1	.4	.3	.1		.6	.1										13	16	5	
64/ 63		.5	.1	.1	.1	.3	.6	.3	.4	.3								21	25	6	2
62/ 61	.3	.3	.3		.6	.4	.5	.6										23	24	11	8
60/ 59		.3	.1	.3	.3	1.0	.3	.5	.4	.1								25	28	11	12
58/ 57	.3	.9	.3	.8	.8	.4	.4	.4	.3									34	36	9	5
56/ 55	.5	.5	1.0	1.1	.8	.6	.5		.4									43	46	15	15
54/ 53		.8	.9	1.3	.4	.8	.6	.1										38	38	24	6
52/ 51		1.3	.4	1.3	1.0	1.6	.3	.5										50	50	32	14
50/ 49	.1	1.1	1.5	.9	1.4	1.0	.5	.4										55	55	48	20
48/ 47	.4	1.4	1.4	1.6	1.5	1.8	.8											70	70	50	22
46/ 45	.3	1.1	1.4	1.4	2.8	2.4	.5											78	78	49	29
44/ 43	.1	1.0	.6	2.2	2.7	1.8	.4											69	69	60	33
42/ 41		.5	.9	2.0	1.5	1.3												49	50	47	49
40/ 39	.1	.8	1.6	2.2	2.9	.5												64	65	62	34
38/ 37		.4	1.6	2.0	1.4	.1												44	44	77	27
36/ 35		1.3	.6	2.0	1.0													39	39	71	23
34/ 33	.1	1.4		1.0	.6													25	26	80	35
32/ 31	.1			.9	.8													14	14	58	72
30/ 29		.8		.1	.1													8	8	27	47
28/ 27				.3														2	2	21	44
26/ 25				.1														1	1	9	51
24/ 23																				8	19
22/ 21																				2	41
20/ 19		.4																3	3	1	57
18/ 17																				2	41
16/ 15																					28
14/ 13																					11
12/ 11																					16
10/ 9																					11
8/ 7																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					2
≤/ 1																					2
TOTAL	2.	31	5.	11	3.	62	2.	12	1.	31	4.5	6.2	2.9	1.6	.4			788	821	788	788

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2963984	45702	58.0	19.955	788							
Dry Bulb	1967908	39374	48.0	9.852	821		3.1	3.7	.7			90
Wet Bulb	1389391	32321	41.0	8.996	788		14.6	.3				90
Dew Point	931475	25147	31.9	12.802	788		51.5	.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69		.4																2	2	1	
68/ 67		.2		.2														2	5	1	2
66/ 65	.2		.2															2	3	2	2
64/ 63		.8	.4	.6														9	12	2	
62/ 61		.4	.4			.2												5	8	6	3
60/ 59	.6		.4	.4		.4												9	9	6	8
58/ 57	.2	.4	.4			.6			.2									9	10	6	2
56/ 55		.6	.2	.4	.6													9	14	4	5
54/ 53		1.8	.6	.6	.4	.6	.2											21	25	10	10
52/ 51		2.0	1.2	.4	.4	.2	.4											23	23	15	7
50/ 49		1.8	2.8	.6	1.6	.2	.4											37	37	18	12
48/ 47	.4	1.4	1.8	.8	1.0	.2	.2											29	29	20	16
46/ 45	.4	1.4	2.0	2.6	1.2	.8												42	42	33	12
44/ 43		1.2	1.2	3.4	.6	.2												33	33	22	17
42/ 41		1.0	2.6	2.6	1.6	.2												40	40	37	20
40/ 39	.4	1.0	3.2	3.4	2.4													52	52	30	22
38/ 37	.8	.8	2.0	3.4	1.4	.2												43	43	48	26
36/ 35		1.2	2.4	4.7	.6													44	44	42	17
34/ 33	.8	1.4	1.4	2.2	.6													32	32	50	22
32/ 31	.2	1.6	2.2	2.2														31	33	42	47
30/ 29	.2	.2	1.2	1.4														15	15	45	32
28/ 27			.2	.2														2	2	26	36
26/ 25				.2														1	1	19	28
24/ 23			.2															1	1	5	11
22/ 21																				2	28
20/ 19		.2																1	1	1	40
18/ 17																				1	27
16/ 15																					17
14/ 13																					9
12/ 11																					5
10/ 9																					5
8/ 7																					3
6/ 5																					1
4/ 3																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
27																					1
TOTAL	4.3	20.0	27.3	30.6	12.6	3.8	1.2		.2									494	516	494	494

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.	2307720	32649	66.1	17.476	494							
Dry Bulb	1022033	22467	43.5	9.223	516		9.2	1.2				90
Wet Bulb	773927	19033	38.5	9.077	494		25.7	.4				90
Dew Point	569472	15628	31.6	12.340	494		53.0	.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	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
	WET BULB TEMPERATURE DEPRESSION (F)																				
66/ 65		.5			.2													4	4		
64/ 63				.2														1	1	3	2
62/ 61			.2															1	1		1
60/ 59			.2	.2														2	2		
58/ 57			.2															1	1	4	
56/ 55			.2															1	1		2
54/ 53				.2														1	1	3	
52/ 51		.3		.2														3	3		2
50/ 49		.5			.2													4	4	2	3
48/ 47		.5	.3	.2														6	6	4	
46/ 45	.3	.6		.2	.2													8	8	7	5
44/ 43		1.1	.2	.3	.3													12	12	8	8
42/ 41	.2	.5	.8	.6	.2													14	14	7	4
40/ 39	.6	1.5	.5	.3														18	18	13	10
38/ 37	.5	2.1	.6	.5	.2													24	24	23	10
36/ 35	.3	3.6	1.8	1.0														41	41	28	14
34/ 33	.8	4.5	2.4	.8														53	54	38	19
32/ 31	1.0	5.7	2.9	2.4														74	74	46	45
30/ 29	.6	4.9	4.2	.3														62	62	58	31
28/ 27	.2	3.2	2.3	.3														37	37	51	32
26/ 25		2.4	2.4															30	30	60	33
24/ 23		.8	.8	.2														11	11	34	21
22/ 21	.2	1.8	2.3	.3														28	29	22	32
20/ 19	.3	3.1	2.3	.3														37	37	28	43
18/ 17	.3	2.6	1.6															28	28	24	33
16/ 15	.2	1.6	.2															12	12	34	48
14/ 1[illegible]	.3	2.1	1.0															21	21	19	22
12/ 11	1.0	1.6	.6															20	20	20	20
10/ 9	.6	2.6	.5															23	23	26	23
8/ 7	.8	1.6																15	15	22	19
6/ 5	.2	.5																4	4	9	17
4/ 3	.2	1.1																8	8	8	34
2/ 1	.3	.3																4	4	7	14
0/ -1	.2	.2																2	2	1	13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 2

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3																				1	16
-4/ -5	.2																	1	1	1	5
-6/ -7	.6																	4	4	4	6
-8/ -9	.3																	2	2	2	4
-10/-11	.2																	1	1	1	4
-12/-13																					6
-14/-15																					6
-16/-17																					3
-18/-19																					3
-22/-23																					1
-26/-27																					1
-28/-29																					1
TOTAL	10.4	51.8	28.3	8.4	1.1													618	620	618	618

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.	3280895	43899	71.0	16.232	618							
Dry Bulb	539534	16704	26.9	12.024	620	1.5	63.8					93
Wet Bulb	459930	15256	24.7	11.621	618	1.5	71.9					93
Dew Point	336008	11296	18.3	14.489	618	18.4	80.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
66/ 67		.1	.1															2	2		
66/ 65				.2														2	2	1	
64/ 63		.1	.2	.1														4	4	2	2
62/ 61			.1															1	1		1
60/ 59			.1		.1		.1											3	3	4	
58/ 57		.4		.1	.1													5	5	2	1
56/ 55																				4	5
54/ 53		.1	.2	.1	.1	.5												9	9		3
52/ 51		.1		.2	.1	.1												5	5	4	1
50/ 49	.2	.1	.4	.4	.5													13	13	6	3
48/ 47	.1	.4	.1	.2	.2	.1	.1											11	11	6	4
46/ 45		.6	.6	.2	1.1													21	21	10	7
44/ 43		.7	.6	1.1	1.0	.1												29	29	14	7
42/ 41		1.2	1.1	1.6	.5													36	36	20	7
40/ 39	.9	1.0	1.2	1.3	.4													39	39	31	14
38/ 37	.2	2.3	1.7	2.1	1.3													63	63	42	20
36/ 35	.1	2.2	3.0	3.9	.4													79	79	51	29
34/ 33	.4	3.3	1.6	2.7	.4													68	68	51	26
32/ 31	.5	3.7	2.7	3.5	.4													88	89	79	44
30/ 29	.5	2.2	3.3	1.3	.1													61	61	86	39
28/ 27	.2	1.3	1.8	.7	.1													35	35	66	65
26/ 25	.1	1.8	2.3	1.1														44	44	68	49
24/ 23		1.1	1.1	.5														22	22	43	24
22/ 21	.6	1.5	2.3	.2														38	38	51	33
20/ 19	.1	1.7	2.6	.5														40	40	29	77
18/ 17	.2	1.5	1.7	.1														29	29	37	54
16/ 15		.6	1.3															16	16	28	57
14/ 13	.1	1.3	.9															19	19	21	36
12/ 11	.2	.6	.9															14	14	21	29
10/ 9		.6	1.0															13	13	14	27
8/ 7		.2	.1															3	3	13	26
6/ 5	.1	.4																4	4	9	17
4/ 3		.1																1	1	3	26
2/ 1		.1																1	1	1	17

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1	.1																	1	1	2	11
-2/ -3																					11
-4/ -5		.1																1	1		10
-6/ -7																				1	4
-8/ -9																					7
-10/-11																					11
-12/-13																					11
-14/-15																					1
-18/-19																					2
-20/-21																					2
TOTAL	4.9	31.6	33.2	22.4	6.8	.9	.2												821		820
																		820		820	

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.	3643646	52716	64.3	17.633	820							
Dry Bulb	906241	25777	31.4	10.872	821	.2	48.8	.2				93
Wet Bulb	728862	22938	28.0	10.319	820	.3	64.9					93
Dew Point	481353	16361	20.0	13.753	820	7.9	78.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67			.1	.1	.4		.1											6	6		
66/ 65			.1	.4			.1	.2										7	7		
64/ 63					.1		.1		.1									3	3	1	
62/ 61					.5			.1										5	5	4	1
60/ 59					.2			.1										3	3	4	1
58/ 57		.4		.1	.1	.1	.6											11	11	1	4
56/ 55		.1	.1	.1		.1	.1											5	5	5	6
54/ 53		.2			.1	.2	.1											6	6	6	
52/ 51		.1	.1	.5	.2	.4		.1										12	12	11	4
50/ 49	.4	.6		.6	.2	.1	.1	.1										18	18	5	5
48/ 47		.7	.4	.6	.6	.5												23	23	11	4
46/ 45	.1	.5	.7	.7	2.6	1.5	.1											51	51	21	20
44/ 43		.7	.4	.7	2.4	.5												38	38	16	2
42/ 41	.5	.7	.9	1.0	1.9	.4												43	43	25	10
40/ 39	.2	1.1	2.1	2.0	2.6	.5												69	69	33	21
38/ 37		1.6	2.1	2.0	1.7	.5												64	64	52	8
36/ 35	.2	1.5	1.5	3.7	1.9													71	71	68	24
34/ 33	.2	1.7	1.0	3.7	1.6													67	67	75	31
32/ 31	.2	2.9	1.5	4.2	1.7													85	85	62	42
30/ 29	.2	1.5	.9	2.1	.5													42	42	84	37
28/ 27	.6	1.5	.5	1.6	.1													35	35	70	47
26/ 25	.2	.4	1.1	1.9														29	29	68	60
24/ 23		.6	.7	1.4														22	22	38	21
22/ 21		.4	2.0	.6														24	24	31	54
20/ 19		.2	1.5	1.1														23	23	29	63
18/ 17		.2	1.5	.5														18	18	20	43
16/ 15		.4	.9															10	10	24	52
14/ 13		.1	.9															8	8	19	36
12/ 11		.2	.5															6	6	9	28
10/ 9																				8	33
8/ 7																				4	27
6/ 5																					19
4/ 3																					20
2/ 1																					15

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1																					15
-2/ -3																					12
-4/ -5																					6
-6/ -7																					3
-8/ -9																					4
-10/-11																					17
-12/-13																					4
-14/-15																					1
-16/-17																					1
-18/-19																					3
TOTAL	3.	118.	721.	529.	919.	7 4.9	1.5	.7	.1										804		804
																		804		804	

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.	2872857	45427	56.5	19.527	804							
Dry Bulb	1115885	28741	35.7	10.496	804		34.9	.7				93
Wet Bulb	842481	24821	30.9	9.742	804		53.9					93
Dew Point	496688	16520	20.5	13.994	804	7.6	76.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.1													1	1		
68/ 67				.1	.3													3	3		
66/ 65				.3		.1												3	3		
64/ 63			.1		.1	.3	.4		.1									8	8		
62/ 61					.1	.1	.1	.1										4	4	4	
60/ 59			.5		.3			.1										7	7	3	
58/ 57		.5		.1	.4	.1	.3											11	11	3	5
56/ 55						.1	.1											2	2	8	4
54/ 53		.4	.1	.4		.1												8	8	3	6
52/ 51		.3	.8	.4	.1	.1	.1											14	14	12	2
50/ 49	.1	.5	.5	.3	.1	.3	.1	.1										16	16	8	8
48/ 47		.3	.1	.6	.4	.4	.1											15	15	15	4
46/ 45	.1	.6	.5	.3	1.5	.9												31	31	16	12
44/ 43		.9	.1	1.3	1.8	.4												35	35	13	8
42/ 41	.8	.8	1.3	1.1	1.7	1.0												52	52	22	20
40/ 39	.1	.8	1.3	1.8	3.2	.5												60	60	20	15
38/ 37	.5	1.4	1.5	3.1	1.3	.3												63	63	51	16
36/ 35	.1	2.4	1.5	4.2	.9													72	72	56	16
34/ 33	.3	.9	1.5	2.9	1.7													57	57	79	21
32/ 31	.6	3.4	2.4	3.7	2.3													98	98	65	47
30/ 29	.8	1.0	.8	2.8	.4													45	45	90	25
28/ 27	.6	1.3	1.4	2.4														45	45	60	48
26/ 25		.6	1.1	2.8														36	36	62	53
24/ 23		.1	.4	1.0														12	12	52	21
22/ 21			1.1	1.1														18	18	33	50
20/ 19		.4	1.0	1.0														19	19	29	74
18/ 17		.4	1.8	.5														21	21	14	38
16/ 15	.1	.3	1.1															12	12	22	39
14/ 13		.4	.8															9	9	19	36
12/ 11	.3		.3															4	4	15	28
10/ 9			.3															2	2	5	27
8/ 7																				3	39
6/ 5																				1	18
4/ 3																					17

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

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					24
0/ -1																					10
-2/ -3																					8
-4/ -5																					11
-6/ -7																					8
-10/-11																					10
-12/-13																					6
-14/-15																					2
-16/-17																					5
-18/-19																					2
TOTAL	4.5	17.6	22.5	32.3	16.6	4.7	1.3	.4	.1									783	783	783	783

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.	2866770	44728	57.1	19.966	783							
Dry Bulb	1062791	27663	35.3	10.455	783		38.1	.5				93
Wet Bulb	809631	23973	30.6	9.836	783		55.8					93
Dew Point	487310	15984	20.4	14.349	783	7.4	76.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
64/ 63				.4														2	2		
62/ 61		.4			.2													3	3		
60/ 59			.2	.2	.2	.4												5	5	3	
58/ 57					.2													1	1	1	2
56/ 55			.2				.2											2	2	1	2
54/ 53		.7	.7	.4	.2	.4												11	11	2	1
52/ 51			.4			.2												3	3	7	2
50/ 49		.4	1.5															9	9	4	1
48/ 47			.2		.7	.4												6	6	9	5
46/ 45	.7	.7			.2													7	7	11	6
44/ 43	.2	.2	1.1	1.1	.9													16	16	6	12
42/ 41	.7	.2	.7	.7	.9													14	14	4	8
40/ 39		1.7	.9	1.1	.4	.2												20	20	11	6
38/ 37	.9	1.7	1.3	2.8	.4													33	33	22	3
36/ 35	.2	1.7	3.5	2.4														36	36	25	15
34/ 33	.2	2.6	2.8	3.3	.7													44	44	31	11
32/ 31	.7	3.5	5.7	3.7	.4													64	64	42	24
30/ 29	.7	2.2	4.6	2.2														44	44	46	30
28/ 27		1.5	2.4	1.7														26	26	56	17
26/ 25		.4	2.6	.9														18	18	35	31
24/ 23		.2	1.5	.2														9	9	29	14
22/ 21		.2	2.0	.2														11	11	21	32
20/ 19		.7	3.1	.4														19	19	14	37
18/ 17	.4	.9	1.5	.2														14	14	15	28
16/ 15	.4	.7	2.4															16	16	19	24
14/ 13		.7	2.0															12	12	9	23
12/ 11	.4	.2	.7															6	6	15	7
10/ 9		.4	.4															4	4	11	20
8/ 7			.7															3	3	5	24
6/ 5																				3	9
4/ 3																				1	9
2/ 1																					10
0/ -1																					7
-2/ -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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					5
-6/ -7																					9
-8/ -9																					5
-10/-11																					7
-12/-13																					2
-14/-15																					3
-16/-17																					1
-18/-19																					1
-20/-21																					1
TOTAL	5.	52.	143.	022.	1	5.5	1.7	.2											458		458
																		458		458	

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.	1925381	28521	62.3	18.074	458							
Dry Bulb	523151	14691	32.1	10.658	458		50.0					93
Wet Bulb	419510	13040	28.5	10.274	458		65.2					93
Dew Point	274367	9067	19.8	14.408	458	9.1	78.0					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

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOUR Y OBSERVATIONS

744906 FT DEVENS AAF MA 75-84

STATION STATION NAME YEARS

HRS LST		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
06-08	MEAN	18.5	22.6	32.3	43.0	55.2	63.7	68.8	65.0	55.3	45.4	37.8	26.9	46.8
	S D	12.823	12.815	9.585	8.702	8.524	7.694	6.973	7.541	9.276	9.551	9.922	12.024	18.877
	TOTAL OBS	667	611	741	746	894	897	[illegible]92	921	863	860	620	620	9332
09-11	MEAN	24.0	29.3	38.5	50.4	63.5	71.9	77.6	73.7	65.0	53.6	44.3	31.4	52.3
	S D	10.748	10.678	9.865	10.414	9.818	8.477	7.253	7.727	8.097	8.850	9.240	10.872	20.109
	TOTAL OBS	894	818	924	879	894	900	897	930	870	892	831	821	10550
12-14	MEAN	28.8	34.4	42.9	54.7	67.7	75.9	81.5	78.0	69.6	58.6	48.9	35.7	56.8
	S D	9.127	10.134	10.429	11.485	10.739	9.067	7.526	8.308	8.483	9.251	9.818	10.496	20.006
	TOTAL OBS	885	814	923	882	894	900	895	929	868	885	830	804	10509
15-17	MEAN	28.8	35.0	43.5	54.9	67.8	75.8	81.6	77.6	69.4	58.0	48.0	35.3	56.8
	S D	9.215	10.039	10.587	11.808	10.633	8.987	7.417	8.213	8.239	9.261	9.852	10.455	19.924
	TOTAL OBS	859	792	889	868	874	890	880	913	839	878	821	783	10286
18-20	MEAN	25.2	31.3	40.1	51.1	63.6	72.6	78.3	73.3	64.0	52.2	43.5	32.1	51.0
	S D	9.476	9.806	9.443	10.646	9.733	7.991	6.634	7.269	8.060	8.826	9.223	10.658	19.561
	TOTAL OBS	524	499	539	507	410	433	423	451	396	433	516	458	5589
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	25.4	30.9	39.7	51.0	63.5	71.9	77.5	73.6	64.7	53.8	45.0	32.6	53.1
	S D	10.962	11.562	10.818	11.563	11.057	9.723	8.746	9.282	10.119	10.444	10.362	11.328	20.107
	TOTAL OBS	3829	3534	4016	3882	3966	4020	3987	4144	3836	3948	3618	3486	46266

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

744906 FT DEVENS AAF MA 75-84

STATION STATION NAME YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
06-08	MEAN	16.7	20.5	29.4	38.8	50.5	58.5	63.6	61.5	52.6	43.1	34.9	24.7	43.4
	S D	12.305	12.258	9.253	8.204	7.716	6.668	5.894	6.959	8.873	9.460	9.744	11.621	17.871
	TOTAL OBS	667	611	741	746	892	895	889	921	863	839	598	618	9280
09-11	MEAN	21.2	25.7	33.4	42.6	54.2	61.9	67.1	65.5	58.0	48.0	39.1	28.0	45.7
	S D	10.373	10.193	8.932	8.383	7.595	6.655	5.653	6.326	7.157	8.484	8.773	10.319	17.591
	TOTAL OBS	892	818	922	878	894	900	895	930	867	871	798	820	10485
12-14	MEAN	24.8	29.1	35.9	44.8	55.9	63.3	68.2	66.7	59.5	50.3	41.7	30.9	48.0
	S D	8.798	9.381	8.666	8.211	7.593	6.617	5.794	6.195	6.983	8.403	8.876	9.742	16.723
	TOTAL OBS	885	813	923	880	894	900	895	928	868	861	797	804	10448
15-17	MEAN	24.7	29.5	36.3	44.8	55.9	63.2	68.2	66.6	59.5	49.9	41.0	30.6	48.0
	S D	8.864	9.280	8.608	8.269	7.495	6.497	5.500	5.980	6.875	8.381	8.996	9.836	16.662
	TOTAL OBS	859	792	887	867	874	890	880	913	838	854	788	783	10225
18-20	MEAN	21.8	27.0	34.2	42.9	54.0	62.1	67.5	65.6	57.6	47.3	38.5	28.5	44.5
	S D	9.054	9.486	8.309	8.312	7.349	6.400	5.186	5.732	7.422	8.822	9.077	10.274	17.247
	TOTAL OBS	524	499	537	507	410	433	423	451	396	420	494	458	5552
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	22.1	26.6	34.0	42.9	54.1	61.8	66.9	65.1	57.4	47.8	39.3	28.7	46.1
	S D	10.327	10.594	9.114	8.561	7.857	6.832	5.934	6.619	7.974	9.109	9.383	10.552	17.307
	TOTAL OBS	3827	3533	4010	3878	3964	4018	3982	4143	3832	3845	3475	3483	45990

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

744906 FT DEVENS AAF MA 75-84

STATION STATION NAME YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
06-08	MEAN	9.0	13.2	22.9	32.5	45.7	54.7	60.3	59.1	50.3	40.0	30.4	18.3	38.7
	S D	15.369	15.376	12.269	11.063	9.515	7.652	6.625	7.594	9.474	10.781	11.999	14.489	20.257
	TOTAL OBS	667	611	741	746	892	895	889	921	863	839	598	618	9280
09-11	MEAN	12.0	15.8	23.7	32.2	45.6	54.8	60.7	60.2	52.4	41.9	32.2	20.0	38.0
	S D	14.295	14.623	13.010	11.843	10.642	8.829	7.698	7.970	9.069	10.953	11.921	13.753	20.256
	TOTAL OBS	892	818	922	878	894	900	895	930	867	871	798	820	10485
12-14	MEAN	13.5	16.7	24.0	32.2	45.3	54.5	60.1	59.8	51.6	41.6	32.4	20.5	38.1
	S D	13.741	14.671	12.963	11.674	11.001	9.174	8.403	8.272	9.571	11.881	12.682	13.994	19.898
	TOTAL OBS	885	813	923	880	894	900	895	928	868	861	797	804	10448
15-17	MEAN	13.0	16.6	23.8	32.1	45.1	54.2	60.2	59.8	51.7	41.2	31.9	20.4	38.0
	S D	13.976	14.916	13.031	11.741	11.275	9.421	8.034	8.089	9.539	11.917	12.802	14.349	20.022
	TOTAL OBS	859	792	887	867	874	890	880	913	838	854	788	783	10225
18-20	MEAN	11.0	15.8	23.1	31.8	44.9	54.3	60.9	60.7	52.5	41.7	31.6	19.8	36.1
	S D	13.362	15.189	12.848	11.965	10.975	9.082	7.274	7.233	9.173	11.314	12.340	14.408	20.598
	TOTAL OBS	524	499	537	507	410	433	423	451	396	420	494	458	5552
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	11.9	15.7	23.6	32.2	45.4	54.5	60.4	59.9	51.6	41.3	31.8	19.9	37.9
	S D	14.249	14.955	12.848	11.647	10.662	8.824	7.675	7.917	9.416	11.402	12.386	14.176	20.178
	TOTAL OBS	3827	3533	4010	3878	3964	4018	3982	4143	3832	3885	3475	3883	45990

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 FT DEVENS AAF MA 75-84 JAN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05											
	06-08	100.0	99.6	99.4	95.7	83.2	63.0	43.9	28.6	6.0	67.6	667
	09-11	100.0	99.6	97.5	88.2	70.9	48.8	33.3	19.3	3.4	61.7	892
	12-14	100.0	100.0	92.4	76.4	53.1	34.1	22.7	14.0	2.8	55.0	885
	15-17	100.0	99.1	90.3	75.0	48.8	32.6	22.4	12.6	2.7	53.9	859
	18-20	100.0	99.8	96.4	82.6	59.0	36.6	23.1	10.1	2.1	56.4	524
	21-23											
TOTALS		100.0	99.6	95.2	83.6	63.0	43.0	29.1	16.9	3.4	58.9	3827

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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											
	03-05											
	06-08	100.0	100.0	99.0	93.8	83.5	65.6	50.7	28.6	8.5	68.5	611
	09-11	100.0	99.5	95.1	83.3	61.5	41.6	28.1	17.8	5.9	59.1	818
	12-14	100.0	97.2	88.1	63.3	41.0	27.7	19.6	13.3	5.4	51.2	813
	15-17	100.0	96.5	84.7	57.8	37.1	27.7	20.7	14.3	5.6	50.2	792
	18-20	100.0	98.2	91.6	75.4	49.7	35.1	24.6	18.2	7.6	55.4	499
	21-23											
TOTALS		100.0	98.3	91.7	74.7	54.6	39.5	28.7	18.4	6.6	56.9	3533

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 FT DEVENS AAF MA 75-84 MAR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	99.6	95.8	83.9	67.5	51.1	34.5	11.2	69.9	741
	09-11	100.0	99.7	93.8	78.0	56.2	40.9	30.4	20.3	5.7	58.1	922
	12-14	100.0	97.2	83.6	61.2	41.3	30.8	22.8	15.0	4.7	51.2	923
	15-17	100.0	95.5	78.7	56.1	40.2	30.2	22.3	13.9	5.2	50.1	887
	18-20	100.0	98.3	87.2	68.2	46.9	35.2	22.7	15.8	7.1	54.1	537
	21-23											
TOTALS		100.0	98.1	88.6	71.9	53.7	40.9	29.9	19.9	6.8	56.7	4010

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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											
	03-05											
	06-08	100.0	100.0	99.1	91.0	78.8	64.1	48.1	32.2	18.2	69.0	746
	09-11	100.0	98.9	85.4	65.0	46.7	33.4	24.7	17.4	8.7	53.7	878
	12-14	100.0	93.4	71.5	49.9	35.1	27.2	20.9	12.0	6.4	47.4	880
	15-17	100.0	90.4	69.1	51.9	34.9	26.4	19.7	12.6	7.2	47.2	867
	18-20	100.0	96.6	30.7	63.1	44.0	30.6	23.5	15.2	9.1	52.2	507
	21-23											
TOTALS		100.0	95.9	81.2	64.2	47.9	36.3	27.4	17.9	9.9	53.9	3878

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 FT DEVENS AAF MA 75-84 MAY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	98.8	96.1	88.1	73.7	56.8	38.0	14.7	72.5	892
	09-11	100.0	98.8	90.3	72.7	51.2	34.9	26.8	18.7	6.9	55.9	894
	12-14	100.0	96.8	77.5	54.3	36.0	26.6	21.4	14.7	6.2	49.1	894
	15-17	100.0	94.4	75.1	53.9	37.8	27.2	22.1	14.2	5.0	48.8	874
	18-20	100.0	97.3	84.9	66.3	51.2	36.8	26.8	19.3	7.6	55.1	410
	21-23											
TOTALS		100.0	97.5	85.3	68.7	52.9	39.8	30.8	21.0	8.1	56.3	3964

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 FT DEVENS AAF MA 75-84 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	99.7	98.7	92.8	81.1	59.4	34.9	12.6	73.9	895
	09-11	100.0	99.9	96.2	83.0	60.4	35.4	22.8	13.4	4.8	57.4	900
	12-14	100.0	99.3	89.2	65.1	38.7	23.1	14.8	9.4	3.8	50.2	900
	15-17	100.0	99.1	85.2	62.8	42.0	25.3	16.3	11.0	3.4	50.3	890
	18-20	100.0	99.8	94.9	75.5	54.0	34.6	20.3	11.5	4.8	55.3	433
	21-23											
	TOTALS	100.0	99.6	93.0	77.0	57.6	39.9	26.7	16.0	5.9	57.4	4018

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 FT DEVENS AAF MA 75-84 JUL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	96.9	84.8	63.9	38.1	10.7	75.2	889
	09-11	100.0	100.0	98.8	87.4	63.1	38.5	22.2	10.8	3.5	58.0	895
	12-14	100.0	100.0	92.2	69.9	40.4	22.7	14.6	6.5	2.2	50.6	895
	15-17	100.0	100.0	92.2	71.9	41.3	20.8	13.4	7.0	1.9	50.4	880
	18-20	100.0	100.0	98.3	87.2	61.5	34.5	20.1	10.2	2.4	57.0	423
	21-23											
	TOTALS	100.0	100.0	96.3	83.3	60.6	40.3	26.8	14.5	4.1	58.2	3982

USAFETAC FORM JUL 64 0-87-5 (OL A)

AD-A159 641 FORT DEVENS AAF MASSACHUSETTS LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..

UNCLASSIFIED JUL 85 USAFETAC/DS-85/027 F/G 4/2 NL

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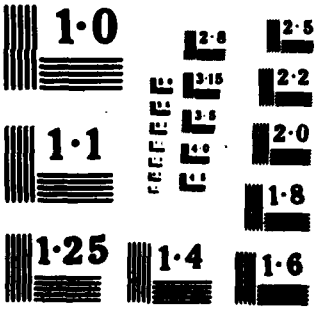
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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											
	03-05											
	06-08	100.0	100.0	99.9	99.7	99.0	95.3	82.2	60.6	20.8	81.8	921
	09-11	100.0	100.0	99.8	94.8	78.8	54.4	33.5	20.5	6.5	64.5	930
	12-14	100.0	100.0	97.7	81.6	53.0	32.5	20.5	13.4	5.4	55.9	928
	15-17	100.0	100.0	96.6	81.5	55.6	35.2	22.7	14.6	6.0	56.9	913
	18-20	100.0	100.0	100.0	96.5	82.0	60.1	37.9	21.7	11.1	66.7	451
	21-23											
TOTALS		100.0	100.0	98.8	90.8	73.7	55.5	39.4	26.2	10.0	65.2	4143

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 — STATION
FT DEVENS AAF MA — STATION NAME
75-84 — 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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.4	96.3	87.5	67.9	29.2	83.9	863
	09-11	100.0	100.0	99.8	96.4	80.2	54.7	35.1	21.1	10.0	65.4	867
	12-14	100.0	100.0	97.7	80.3	47.1	29.0	20.2	13.6	6.9	55.3	868
	15-17	100.0	100.0	97.4	79.4	51.1	31.1	21.6	14.3	5.3	55.9	838
	18-20	100.0	100.0	99.5	97.2	87.1	64.6	40.9	22.7	6.8	67.8	396
	21-23											
TOTALS		100.0	100.0	98.9	90.7	73.0	55.1	41.1	27.9	11.6	65.7	3832

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.3	92.5	78.1	57.4	30.4	81.7	839
	09-11	100.0	100.0	99.7	94.4	78.1	58.9	39.7	25.3	12.7	66.7	871
	12-14	100.0	99.7	94.2	76.1	51.8	34.8	23.8	16.0	8.5	56.2	861
	15-17	100.0	99.4	93.4	76.8	54.6	37.2	25.3	16.7	10.0	57.0	854
	18-20	100.0	100.0	100.0	96.9	85.2	64.0	48.8	25.5	12.9	68.9	420
	21-23											
TOTALS		100.0	99.8	97.5	88.8	73.8	57.5	43.1	28.2	14.9	66.1	3845

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 FT DEVENS AAF MA 75-84 NOV

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.5	97.2	80.3	64.9	46.3	21.9	76.8	598
	09-11	100.0	100.0	99.4	93.7	75.2	56.8	40.1	26.8	11.7	66.3	798
	12-14	100.0	99.4	94.6	76.2	53.5	37.8	26.7	17.4	7.9	57.2	797
	15-17	100.0	99.5	94.8	78.9	56.1	40.9	26.9	17.3	7.9	58.0	788
	18-20	100.0	100.0	99.4	93.5	78.7	57.3	39.9	23.7	10.1	66.1	494
	21-23											
TOTALS		100.0	99.8	97.6	88.4	72.1	54.6	39.7	26.3	11.9	64.9	3475

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (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											
	03-05											
	06-08	100.0	100.0	99.7	96.1	88.7	70.9	54.4	34.3	11.0	71.0	618
	09-11	100.0	100.0	98.9	92.2	75.2	51.7	37.4	23.5	7.8	64.3	820
	12-14	100.0	99.9	94.8	78.0	50.4	36.4	24.9	17.3	6.2	56.5	804
	15-17	100.0	100.0	94.3	77.0	53.8	37.4	26.3	17.6	7.3	57.1	783
	18-20	100.0	180.0	97.6	88.2	71.4	48.9	31.9	21.6	7.2	62.3	458
	21-23											
TOTALS		100.0	100.0	97.1	86.3	67.9	49.1	35.0	22.9	7.9	62.2	3483

USAFETAC FORM JUL 64 0-87-5 (OL A)

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART 5 PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

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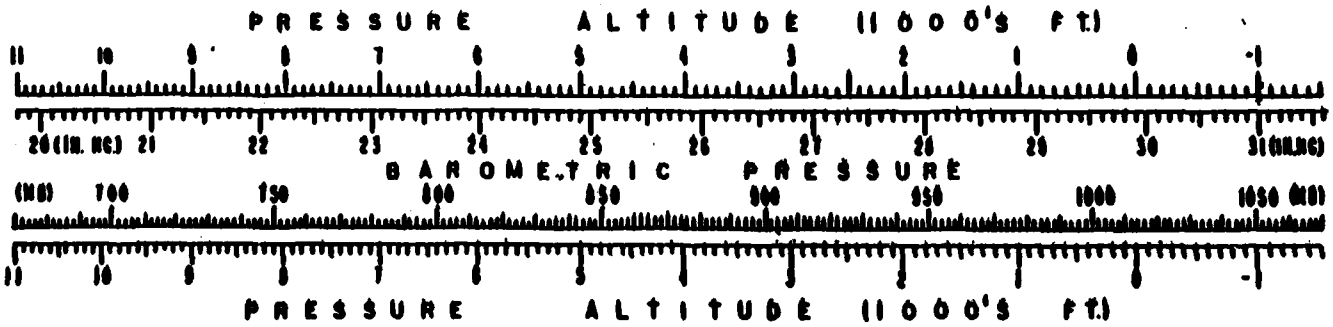
1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

744906 (STATION) FT DEVENS AAF MA (STATION NAME) 75-84 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
01	MEAN													
	S.D.													
	TOTAL OBS													
04	MEAN													
	S.D.													
	TOTAL OBS													
07	MEAN	29.680	29.691	29.655	29.639	29.672	29.668	29.671	29.724	29.765	29.766	29.724	29.735	29.699
	S.D.	.336	.311	.297	.258	.188	.195	.161	.142	.195	.265	.293	.324	.256
	TOTAL OBS	288	266	309	293	299	300	299	308	289	297	269	268	3485
10	MEAN	29.694	29.702	29.656	29.627	29.663	29.661	29.665	29.721	29.765	29.770	29.732	29.749	29.700
	S.D.	.342	.307	.295	.253	.187	.196	.160	.144	.197	.265	.299	.328	.259
	TOTAL OBS	298	273	308	293	299	300	299	310	290	297	277	274	3518
13	MEAN	29.636	29.656	29.615	29.592	29.631	29.633	29.639	29.694	29.729	29.726	29.681	29.701	29.660
	S.D.	.339	.294	.287	.248	.182	.191	.158	.141	.191	.258	.291	.316	.251
	TOTAL OBS	295	272	308	294	298	300	298	310	289	295	277	267	3503
16	MEAN	29.645	29.652	29.607	29.574	29.609	29.614	29.618	29.672	29.706	29.714	29.685	29.703	29.649
	S.D.	.330	.283	.271	.246	.177	.183	.157	.137	.188	.257	.278	.307	.245
	TOTAL OBS	291	268	295	291	289	295	293	309	279	294	275	264	3438
19	MEAN	29.697	29.690	29.646	29.620	29.637	29.643	29.622	29.677	29.729	29.772	29.720	29.753	29.685
	S.D.	.316	.280	.262	.234	.169	.172	.155	.133	.175	.267	.264	.293	.251
	TOTAL OBS	260	246	254	239	129	149	142	154	129	151	253	218	2315
22	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	29.670	29.678	29.636	29.610	29.643	29.644	29.645	29.700	[illegible]	[illegible]	29.700	29.727	29.678
	S.D.	.334	.296	.284	.249	.184	.190	.160	.142	.192	.263	.286	.315	.253
	TOTAL OBS	1432	1325	1474	1401	1314	[illegible]	1331	[illegible]	[illegible]	[illegible]	1281	1291	16259

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

744906 FT DEVENS AAF MA 75-84

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN													
	S.D.													
	TOTAL OBS													
04	MEAN													
	S.D.													
	TOTAL OBS													
07	MEAN	1015.8	1016.1	1014.8	1014.1	1015.0	1015.0	1015.0	1016.8	1018.3	1018.4	1017.1	1017.6	1016.1
	S.D.	11.591	10.619	10.123	8.824	6.680	6.653	5.517	4.856	6.685	9.098	10.051	11.138	8.803
	TOTAL OBS	288	266	309	293	299	300	298	308	289	297	269	268	3484
10	MEAN	1016.3	1016.5	1014.8	1013.7	1014.8	1014.7	1014.8	1016.7	1018.2	1018.5	1017.4	1018.1	1016.2
	S.D.	11.768	10.517	10.138	8.655	6.413	6.679	5.464	4.900	6.727	9.117	10.221	11.244	8.860
	TOTAL OBS	298	273	308	293	299	300	299	310	290	297	277	274	3518
13	MEAN	1014.3	1014.9	1013.4	1012.4	1013.7	1013.7	1013.9	1015.7	1017.0	1017.0	1015.6	1016.4	1014.8
	S.D.	11.631	10.093	9.856	8.549	6.235	6.525	5.398	4.827	6.528	8.851	9.969	10.786	8.612
	TOTAL OBS	295	272	308	294	298	300	298	309	289	295	277	267	3502
16	MEAN	1014.6	1014.8	1013.1	1011.9	1013.0	1013.1	1013.2	1015.0	1016.2	1016.6	1015.7	1016.4	1014.4
	S.D.	11.372	9.729	9.314	8.444	6.056	6.301	5.349	4.698	6.413	8.799	9.480	10.509	8.390
	TOTAL OBS	291	268	295	291	289	295	293	304	279	294	275	264	3438
19	MEAN	1016.4	1016.1	1014.4	1013.4	1013.9	1014.1	1013.3	1015.1	1017.0	1018.6	1016.9	1018.2	1015.7
	S.D.	10.880	9.609	9.021	8.005	5.772	5.919	5.332	4.525	5.997	9.118	9.067	10.052	8.607
	TOTAL OBS	260	246	254	230	129	149	142	154	129	151	253	218	2315
22	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	1015.4	1015.7	1014.1	1013.1	1014.1	1014.1	1014.1	1016.0	1017.4	1017.7	1016.5	1017.3	1015.4
	S.D.	11.483	10.140	9.742	8.552	6.339	6.504	5.462	4.840	6.575	9.011	9.792	10.794	8.690
	TOTAL OBS	1432	1325	1474	1401	1314	1344	1330	1385	1276	1334	1351	1291	16257

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