

USAFETAC/DS-78-006

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

1
LEVEL II

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT DEVENS AAF MASS WBAN# 04779
N 42 34 W 071 36 FLD ELEV 268 FT AYE WMO#

PARTS A-F

POR FROM HOURLY OBS: OCT 60-SEP 63, JAN 74-DEC 76
POR FROM DAILY OBS: OCT 60-SEP 63, JAN 74-DEC 76

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

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT INFORMATION PAGE

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1. REPORT NUMBER USAFETAC/DS-78/006 <i>(Title and Subtitle)</i>	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
Revised Uniform Summary of Surface weather Observations (RUSSWO) - Fort Devens AAF, Massachusetts		5. TYPE OF REPORT & PERIOD COVERED Final rept. (7)
7. AUTHOR(s)	6. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air weather Service (MAC) Scott AFB, IL 62225		12. REPORT DATE 17 Apr 77
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		13. NUMBER OF PAGES 469p.7
		14. SECURITY CLASS. (of this report) UNCLASSIFIED
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		15. DECLASSIFICATION/DOWNGRADING SCHEDULE
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		ACCESSION for NTIS White Section <input checked="" type="checkbox"/> DDC Buff Section <input type="checkbox"/> UNANNOUNCED <input type="checkbox"/> JUSTIFICATION _____ BY _____ DISTRIBUTION/AVAILABILITY CODES Dist. AVAIL and/or SPECIAL A
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO	Relative humidity	*Climatological data
Snowfall	Daily temperature	Atmospheric pressure
Climatology	Extreme snow depth	Extreme surface winds
*Massachusetts	Sea-level pressure	Psychrometric summary
Surface winds	Extreme temperature	Ceiling versus visibility (over)
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This six-part statistical summary of surface weather observations for Fort Devens AAF, Massachusetts contains the following parts: (A) weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface Winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb, and dew-point temperatures, and relative (over)		

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19. **Port Devens AAF, Massachus
Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

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

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

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

78

STATION NO OR SUMMARY 04779	STATION NAME FORT DEVENS AAF MASS	LATITUDE N 42 34	LONGITUDE W 071 36	FIELD ELEV (FT) 268	CALL SIGN AYE	WMO NUMBER
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE USL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. GROUND	
1	Ft Devens Ayer, Mass	AAF	Oct 60	Sep 61	N 42 34	W 071 36	268	285	18
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	13

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 60	Located on roof of Hanger on E end of Bldg P-167	AN/GMQ 11	None	55Ft	
2	Sep 61	Same	Same	RO-2	Same	
3	Dec 76	Same	Same	RO-362	13 Ft	

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

DATA PROCESSING
 USAF ETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

04779 STATION EAST FIELDS AFB MASS STATION NAME YEAR 74-75 YEARS MONTH ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		4.5	2.1	6.8		12.7	12.4	4.0	.6		17.2	2654
FEB			5.1	1.4	11.5		16.3	15.5	3.7	1.4		20.1	2659
MAR		.0	6.0	.6	9.4		14.0	13.5	2.0	.2		15.4	2975
APR		.2	12.2		3.0		14.4	12.7	1.3	.1		13.7	2915
MAY		.0	13.9				17.9	14.5	5.2			19.4	3004
JUN		.4	7.3				7.3	12.2	11.7			21.7	3035
JUL		1.2	4.6				4.6	10.5	14.1			22.7	3048
AUG		.9	9.0				9.0	16.1	9.9			23.9	3082
SEP		.2	10.9				10.9	19.2	7.8			25.2	2950
OCT		.1	12.7		.7		13.2	16.5	3.6			18.9	2467
NOV			10.7	.0	2.1		12.8	13.6	3.3			16.6	2965
DEC		.0	5.1	1.7	10.0		16.2	12.6	4.7	1.3		17.6	2951
TOTALS		.3	8.3	.5	3.5	.0	11.9	14.2	6.1	.3		19.4	34705

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

04779 FLEET WAVE S / AF MASS 1-69,74-76 JA
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM REPORT 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.
JA	00-02		5.3	2.7	5.3		13.4	16.0	9.1	.5		24.1	137
	03-05		3.2	3.2	6.1		12.2	14.4	5.9	1.1		20.7	138
	06-08		3.7	4.2	7.9		15.1	14.6	5.3	1.3		19.6	370
	09-11		4.9	2.7	4.1		14.0	15.2	6.1	.0		21.5	446
	12-14		4.5	.7	9.3		12.8	11.0	3.8	.7		15.1	445
	15-17		5.0	.5	7.9		12.6	9.5	1.7	.2		11.2	419
	18-20		4.4	1.2	5.2		10.6	8.6	2.1			10.3	339
	21-23		4.8	1.2	4.4		10.3	9.9	4.8			14.7	252
TOTALS			4.5	2.1	6.8		12.7	12.4	4.9	.6		17.2	2654

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AGC

WEATHER CONDITIONS

04779 FT. LEVINS AFB MASS 1-42,74-75 FEB
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOUR-TO- HOUR OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01-02		4.2	1.2	13.1		13.5	17.9	6.0	3.0		26.2	168
	03-05		2.4	.5	12.9		14.7	17.6	2.9	1.0		21.3	170
	06-08		6.1	1.0	11.2		13.2	18.2	3.4	1.2		22.1	407
	09-11		5.6	1.5	11.7		13.0	16.0	5.4	1.2		21.5	462
	12-14		7.6	1.7	8.7		17.0	13.5	3.9			17.2	459
	15-17		6.0	1.2	2.5		15.2	11.5	1.2			12.7	434
	18-20		5.5	1.2	3.3		14.8	13.0	.9	.0		14.5	330
	21-23		3.5	2.2	6.3		14.0	16.6	6.1	2.2		24.9	227
TOTALS			5.1	1.4	10.5		16.3	15.5	3.7	1.4		20.1	2659

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/WAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS 61-63, 74-76 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		4.8		9.7		14.0	15.6	1.6			16.7	186
	03-05		4.8		10.8		15.1	21.5	2.2			23.1	186
	06-08		4.3	1.8	10.8		15.2	17.3	2.4	.6		19.3	492
	09-11		6.1	.6	8.8		13.3	10.8	2.9			13.7	511
	12-14		6.8	.6	6.6		12.3	7.8	1.6			9.4	513
	15-17		8.6	.8	5.3		13.9	9.2	1.3			10.3	476
	18-20	.3	6.2	.8	6.3		13.0	11.6	2.3			13.8	354
	21-23		6.6		8.9		14.8	14.4	1.9	.8		16.7	257
TOTALS		.0	6.0	.6	8.4		14.0	13.5	2.0	.2		15.4	2975

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779
 STATION

FORT DEVERES AAF MASS
 STATION NAME

61-63, 74-76

YEARS

Apr
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.1	13.3		6.1		17.8	18.3				18.3	180
	03-05		12.0		1.1		13.1	19.7	1.6			19.7	183
	06-08		11.2		3.7		14.3	13.9	2.9			15.7	490
	09-11	.2	10.5		3.6		13.3	10.9	1.8	.2		12.7	496
	12-14	.4	10.8		2.6		13.0	6.5	1.0			8.3	493
	15-17	.2	10.9		2.1		12.8	7.7	.6			7.9	478
	18-20		12.5		1.5		13.1	9.6	1.2			10.8	344
	21-23		16.3		3.2		17.5	15.1	.8			15.9	251
TOTALS		.2	12.2		3.0		14.4	12.7	1.3	.0		13.7	2915

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.5	9.1				9.1	19.9	4.3			22.6	186
	03-05		9.8				9.8	25.6	5.1			29.5	234
	06-08		12.0				12.0	18.7	9.6			25.6	508
	09-11	.4	10.0				10.0	11.6	7.7			18.5	509
	12-14	1.4	12.3				12.3	8.0	5.4			12.9	503
	15-17	1.2	9.7				9.7	7.5	4.8			12.3	495
	18-20	1.2	12.5				12.5	10.1	5.6			15.4	337
	21-23	2.2	11.6				11.6	14.7	3.9			18.5	232
TOTALS		.9	10.9				10.9	14.5	5.8			19.4	3004

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		5.6				5.6	22.8	6.1			25.0	180
	03-05		7.0				7.0	27.4	15.2			35.2	230
	06-08		9.4				9.4	17.9	16.0			31.0	513
	09-11		7.4				7.4	5.1	13.6			18.1	514
	12-14	.4	10.3			.2	10.3	3.6	10.1			13.6	507
	15-17	1.4	7.4				7.4	3.1	9.9			12.5	487
	18-20	1.7	5.8				5.8	5.5	9.7			15.0	361
	21-23		5.3				5.3	12.3	12.8			23.0	243
TOTALS		.4	7.3			.0	7.3	12.2	11.7			21.7	3035

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04770 STATION FORT DEVENS AAF MASS 61-63,74-76 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	D'JST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.1	3.2				3.2	12.9	17.2			27.4	186
	03-05	.9	8.6				8.6	29.6	15.0			39.1	233
	06-08	.8	6.5				6.5	21.4	14.0			32.3	527
	09-11	.4	3.2				3.2	6.4	12.3			17.4	528
	12-14	1.6	4.5				4.5	2.7	10.5			12.2	515
	15-17	3.0	4.4				4.4	2.0	11.3			12.9	495
	18-20	2.1	4.2				4.2	1.8	13.7			15.5	336
	21-23		2.2				2.2	7.0	18.4			24.6	228
TOTALS		1.2	4.0				4.6	10.5	14.1			22.7	3048

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779
 STATION

FURT DEFENS AAF MASS
 STATION NAME

61-63,74-76

YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		8.5				8.5	25.0	11.2			32.4	188
	03-05	.4	9.4				9.4	31.3	10.3			38.6	233
	06-08	.2	8.3				8.3	23.4	11.1			30.2	530
	09-11	.4	7.3				7.3	8.8	10.1			17.9	535
	12-14	.2	9.6				9.6	7.1	6.7			12.9	520
	15-17	1.2	8.8				8.8	7.0	6.8			12.8	501
	18-20	2.9	9.1				9.1	8.8	10.9			18.8	340
	21-23	1.7	10.6				10.6	17.4	11.5			27.2	235
TOTALS		.9	9.0				9.0	16.1	9.8			23.9	3082

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 FORT DEVENS AAF MASS 61-63,74-76 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		10.2				10.2	25.6	4.8			28.0	186
	03-05		13.7				13.7	33.5	3.0			36.5	233
	06-08		11.7				11.7	33.7	7.2			36.5	513
	09-11	.2	10.7				10.7	14.2	8.5			19.7	507
	12-14		9.5				9.5	10.5	7.2			16.5	497
	15-17	.2	10.1				10.1	10.1	7.6			16.4	475
	18-20	.6	11.0				11.0	11.7	10.7			21.5	317
	21-23	.5	10.4				10.4	18.5	13.1			26.1	222
TOTALS		.2	10.9				10.9	19.8	7.8			25.2	2950

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		11.5		.8		11.5	19.7	4.1			19.7	122
	03-05		14.1		1.8		15.3	27.6	.6			27.6	170
	06-08	.2	14.0		.9		14.9	25.5	2.8			26.4	436
	09-11		12.6		.9		13.5	13.2	5.4			17.3	446
	12-14		11.4		.7		11.9	9.4	3.0			11.9	437
	15-17	.5	11.9		.5		11.9	9.0	1.9			11.0	420
	18-20		13.1				13.1	11.9	5.2			16.4	268
	21-23		13.1				13.1	17.9	6.0			20.8	168
TOTALS		.1	12.7		.7		13.2	16.6	3.6			18.9	2467

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62.74-76 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		13.3		1.7		15.0	15.6	2.8			18.3	180
	03-05		12.6		1.1		13.7	22.0	3.8			24.7	182
	06-08		12.0	.2	.5		12.7	17.4	4.3			20.6	442
	09-11		10.3		1.9		11.9	11.5	4.9			16.0	513
	12-14		10.1		2.5		12.7	10.1	1.8			11.9	513
	15-17		9.3		2.8		12.1	9.5	1.6			11.1	495
	18-20		6.1		3.3		11.5	10.9	3.3			14.2	393
	21-23		9.7		2.8		12.6	12.1	3.6			15.8	247
TOTALS			10.7	.0	2.1		12.8	13.6	3.3			16.6	2965

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		3.7	1.1	11.1		15.9	15.3	3.2	1.1		19.0	189
	03-05		2.6	3.2	12.7		18.5	17.5	3.2	3.7		22.8	189
	06-08		4.0	1.8	11.4		17.0	12.1	5.4	1.3		16.8	447
	09-11		5.6	1.6	9.5		15.7	10.7	5.6	1.0		16.5	516
	12-14		7.9	.8	8.9		17.0	9.9	3.2	.6		13.7	505
	15-17		8.2	1.5	10.8		18.6	11.0	4.0	.4		14.8	473
	18-20	.3	5.3	1.8	9.0		15.0	12.9	6.1	.8		19.3	379
	21-23		3.6	2.0	6.3		11.5	11.1	6.7	1.2		18.2	253
TOTALS		.0	5.1	1.7	10.0		16.2	12.6	4.7	1.3		17.6	2951

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the W. prior to year 1949. Therefore, percentages in this column are restricted to the period 49 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

04779 FORT DEVENS AAF MASS 61-63, 74-76 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		25.0	8.1	32.3		44.4	27.4	17.7	3.2		34.7	124
FEB			24.6	6.9	33.8	.8	45.4	31.5	17.7	4.6		36.2	130
MAR		.7	25.7	3.5	29.2		43.7	31.9	17.4	.7		35.4	144
APR		3.5	34.5		13.4	.7	40.1	28.2	8.5	.7		29.6	142
MAY		11.1	43.1		.7		43.1	38.2	25.0			45.1	144
JUN		8.9	39.7				39.7	44.5	32.9			52.7	146
JUL		15.4	37.6				37.6	35.6	38.3			47.7	149
AUG		8.5	37.3				37.3	47.1	37.9			58.2	153
SEP		3.4	34.9		.7		34.9	47.3	26.7			52.1	146
OCT			32.8		2.5		33.6	40.2	13.9			40.2	122
NOV			29.0		12.4		37.9	31.0	13.8			35.2	145
DEC		.7	25.3	7.5	39.7		49.3	32.9	15.8	2.1		39.7	146
TOTALS		4.3	32.5	2.2	13.7	.1	40.6	36.3	22.1	.9		42.2	1691

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

Continued on Reverse Side

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

Air Force Stations:

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

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

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

04779 EDRT DEVENS AAF MASS 60-63, 74-76
STATION STATION NAME YEARS

PRECIP. SNOWFALL SNOW-DEPTH	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	49.3	20.7	3.3	4.7	1.2	7.3	4.0	7.3	2.0					30.0	150	2.74	14.93	TRACE
FEB	51.2	16.9	1.2	5.2	5.2	6.5	6.5	6.5	.6					31.8	154	2.63	3.81	1.30
MAR	51.2	19.7	1.2	7.6	4.1	5.2	5.2	3.5	2.4					29.4	170	2.55	3.96	1.70
APR	52.7	15.6	1.8	3.0	5.4	7.2	8.4	4.2	1.8					31.7	167	2.85	3.82	1.90
MAY	48.5	16.5	1.8	3.5	7.1	12.9	6.5	4.7	.6					37.1	170	2.69	3.44	2.02
JUN	59.5	16.9	.6	7.6	5.2	4.7	7.0	3.5	1.2					29.7	172	2.31	3.60	.92
JUL	56.0	14.3	2.3	6.3	6.9	12.9	5.7	4.0	1.7					29.7	175	2.39	3.51	1.05
AUG	56.1	112.8	2.2	3.3	4.4	7.8	13.2	5.6	13.9	.6				31.1	180	4.25	6.40	1.60
SEP	55.6	10.5	1.8	5.8	4.1	7.6	2.3	4.7	7.0	.6				33.9	171	3.46	9.94	1.96
OCT	57.8	14.3	.7	7.5	1.4	4.1	4.1	4.1	4.8	1.4				27.9	147	3.91	9.24	.60
NOV	52.6	15.8	2.9	4.1	4.1	6.4	6.4	5.8	1.8					31.6	171	3.11	4.92	1.06
DEC	47.4	20.2	1.7	3.5	6.4	5.2	6.4	4.6	4.6					32.4	173	4.10	5.27	2.73
ANNUAL	52.5	16.2	1.8	5.2	4.6	6.5	5.5	4.9	2.7	.2				31.4	2008	3.02		

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

EXTREME VALUES
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME

60-63, 74-76 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60													
61	* 1.77*	.89*	.98*	1.44*	.93*	.81*	.92*	1.44*	3.26*	.80*	.80*	2.13	* 3.21
62	1.23	.95	1.32	1.37	.78	.79	1.23	1.88	2.04	3.36	1.31	1.69	3.36
63	.71	1.00	1.16	.57	.78	.35	.45*	.28*	1.89				
74	*TRACE*	.70*	1.66*	.79*	.87*	1.57*	.72*	.72*	2.46*	1.25*	.70*	1.72	* 2.46
75	*.95*	1.02*	1.07	.92*	1.13	1.55*	1.25	2.51*	2.13*	2.13*	2.20*	1.66	2.51
76	* 1.15*	.96*	.68	.91*	.92	.40*	1.36	1.42*	.80*	2.01*	.34*	.76	* 2.01
MEAN	.968	.920	1.145	1.000	.902	.912	.988	1.375	2.097	1.708	1.090	1.575	2.720
S.D.	.591	.117	.330	.339	.129	.537	.355	.797	.802	1.005	.646	.452	.574
TOTAL OBS.	150	154	170	167	170	172	175	180	171	147	171	173	2000

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

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

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

04779 STATION FURT DEVENS AAF MASS STATION NAME 60-63, 74-76 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										*.80*	2.14*	3.90	
61	* 2.12*	1.30*	2.25*	3.78*	3.44*	2.93*	1.90*	3.01*	5.35*	1.03	4.12	3.85	*35.08
62	2.64	3.81	1.90	3.82	2.65	1.93	3.06	6.40	4.36	9.24	3.30	3.91	47.02
63	2.47	2.66	3.96	1.90	2.03	1.48	1.05*	1.60*	3.68				
74	*TRACE*	1.96*	1.70*	2.23*	2.77*	3.01*	1.79*	2.45*	9.94*	2.49*	3.10*	5.27	*36.71
75	* 4.30*	3.81*	3.24	2.51*	2.63	3.60*	3.51	6.18*	7.48*	5.09*	4.92*	4.93	*52.20
76	* 4.93*	2.40*	2.26	2.83*	2.64	.93*	3.04	5.87*	1.96*	4.81*	1.06*	2.73	*35.46
MEAN	2.743	2.657	2.552	2.845	2.693	2.313	2.392	4.252	5.462	3.910	3.107	4.098	41.294
S D	1.744	1.005	.870	.801	.450	1.027	.951	2.134	2.856	3.181	1.377	.903	7.832
TOTAL OBS.	150	154	170	167	170	172	175	180	171	147	171	173	2000

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-63, 74-76 YEARS

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
	SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4						OVER 50.4
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	62.7	16.7	9.3	2.7	3.3	.7	1.3	.7	2.0			.7		20.7	150	13.2	30.3	TRACE	
FEB	64.9	12.3	5.8	5.2	3.2	3.2	1.9	.6	2.6					22.7	154	14.8	23.4	3.8	
MAR	67.8	14.0	3.5	8.2	1.2	.6	.6	1.8	2.3					18.1	171	11.4	18.8	1.2	
APR	85.6	7.0	1.8	1.8	1.2	.6	.6	.6						6.6	167	3.1	7.1	TRACE	
MAY	99.4	.6													171	TRACE	TRACE	.0	
JUN	100.0														172	.0	.0	.0	
JUL	100.0														175	.0	.0	.0	
AUG	100.0														180	.0	.0	.0	
SEP	99.4	.6													171	TRACE	TRACE	.0	
OCT	97.3	2.0				.7								.7	149	.5	3.0	.0	
NOV	86.0	7.6	2.9	1.2	1.2	.6			.6					6.4	171	2.9	8.4	TRACE	
DEC	57.2	22.0	6.4	2.9	2.9	2.3	1.7	1.7	1.7			1.2		20.8	173	18.9	26.2	8.4	
ANNUAL	85.0	7.0	2.5	1.8	1.1	.7	.5	.4	.8			.2		8.0	2004	64.8	×	×	

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

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-63, 74-76
STATION YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										*TRACE*	*TRACE*	21.3	
61	* 22.2*	9.4*	7.9*	3.5*	.0*	.0*	.0*	.0*	.0*	.0	8.3	15.5	* 22.2
62	4.8	10.4	6.5	2.1	.0	.0	.0	.0	.0	3.0	.8	8.4	10.4
63	3.5	9.2	7.2	.2	TRACE	.0	.0*	.0*	.0				
74	*TRACE*	2.7*	1.2*	5.5*	.0*	.0*	.0*	.0*	.0*	.0*	2.3*	3.7	* 5.5
75	* 9.6*	4.3*	4.7	1.0*	.0	.0*	.0	.0*	.0*	*TRACE*	2.0*	8.0	* 9.6
76	* 7.0*	1.7	3.8	TRACE*	.0	.0*	.0	.0*	*TRACE*	*TRACE*	2.6*	4.5	8.8
MEAN	8.68	6.28	6.05	2.05	TRACE	.00	.00	.00	TRACE	.50	2.67	10.23	11.30
S.D.	7.442	3.820	2.752	2.132	.000	.000	.000	.000	.000	1.225	2.930	6.843	6.372
TOTAL OBS.	150	154	171	167	171	172	175	180	171	149	171	173	2004

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

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

XXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-63, 74-76
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										*TRACE*	*TRACE*	26.2	
61	* 30.3*	* 11.4*	* 14.5*	* 6.0*	.0*	.0*	.0*	.0*	.0*	.0	8.4	24.4	* 95.0
62	4.8	33.4	10.2	2.1	.0	.0	.0	.0	.0	3.0	1.7	14.8	70.0
63	12.1	17.7	18.8	.3	TRACE	.0	.0*	.0*	.0*	.0			
74	*TRACE*	4.1*	1.2*	7.1*	.0*	.0*	.0*	.0*	.0*	.0*	2.3*	8.4	* 23.1
75	* 13.3*	* 18.2*	9.4	3.2*	.0	.0*	.0	.0*	.0*	*TRACE*	2.3*	25.6	* 72.0
76	* 18.9*	3.8	14.2	TRACE*	.0	.0*	.0	.0*	*TRACE*	*TRACE*	2.8*	13.8	* 53.5
MEAN	13.23	14.77	11.38	3.12	TRACE	.00	.00	.00	TRACE	.50	2.92	18.87	62.72
S.D.	10.686	11.072	6.028	2.928	.000	.000	.000	.000	.000	1.225	2.858	7.503	26.626
TOTAL OBS.	150	154	171	167	171	172	175	180	171	149	171	173	2004

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH:
 (FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-63, 74-76
STATION STATION NAME YEARS

PRECIP. SNOWFALL SNOW-DEPTH	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
JAN	.7	5.3	18.7	7.3	12.0	18.7	30.7	4.0	2.7					94.0	150			
FEB	12.2	7.8	7.8	5.2	9.1	21.4	28.6	7.8						79.9	154			
MAR	46.8	10.5	5.2	5.2	.6	11.7	18.1	1.8						42.7	171			
APR	92.2	4.2	1.2		1.2	1.2								3.6	167			
MAY	100.0														171			
JUN	100.0														172			
JUL	100.0														175			
AUG	100.0														180			
SEP	100.0														172			
OCT	98.7	1.3													149			
NOV	86.5	6.4	2.2	2.9	.6	.6	.6							7.0	171			
DEC	50.9	7.5	15.2	4.6	3.5	11.6	11.0	5.8						41.6	173			
ANNUAL	74.0	3.6	3.4	2.1	2.2	5.3	7.4	1.6	.2					22.4	2005			

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

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS

60-63, 74-76

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										*	0*	0*	21
61	* 25*	14*	10*	3*	0*	0*	0*	0*	0*	0*	0	8	22 * 25
62	11	16	12	1	0	0	0	0	0	TRACE	1	9	16
63	11	13	16	0	0	0	0*	0	0	0			
74	*TRACE*	9*	0*	6*	0*	0*	0*	0*	0*	0*	0*	2*	3 * 9
75	* 9*	13*	5	1*	0	0*	0	0*	0*	0*	0*	2*	17 * 17
76	* 16*	8	9	0*	0	0*	0	0*	0*	0*	0*	3*	9 * 18
MEAN	12.3	12.2	8.7	1.8	.0	.0	.0	.0	.0	TRACE	2.7	13.5	17.0
S.D	8.477	3.060	5.574	2.317	.000	.000	.000	.000	.000	.000	2.805	7.635	5.701
TOTAL OBS.	150	154	171	167	171	172	175	180	172	149	171	173	2005

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

EXTREME VALUES
 SURFACE WINDS

(FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-63, 74-76
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
60													
61									ENE*35	NNW*36	NNE 39N	*35	
62	NNW*49E	*31ESE	43NNW	48N	*39W	31SW	43NNW	40NNW	26NW	32NNW	39N	44	NNW*49
63	NW 40NW	35NNW	40NW	52NNW	40N	31WSW	33NNE	37S	27				
74													
75													
76											23*	2127*	37
MEAN	44.5	33.0	41.5	50.0	39.5	31.0	38.0	38.5	29.3	34.0	33.0	38.7	49.0
S. D.													
TOTAL OBS.	54	49	59	58	56	60	62	62	81	51	63	75	730

NOTES * (BASED ON < FULL MONTHS)
 \$ (BASED ON < FULL MONTHS AND +100 KNOTS)

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

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-63, 74-76 MONTH ALL

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.0	3.0	1.2	.2	.0						9.2	7.1
NNE	.9	1.4	1.2	.3	.1	.0						3.9	6.3
NE	.8	1.4	1.1	.3	.0	.0						3.6	6.3
ENE	.6	1.0	.9	.2	.0	.0						2.6	5.5
E	.8	1.2	1.0	.2	.1	.0						3.3	6.4
ESE	.4	.7	.5	.1	.0							1.6	5.9
SE	.5	.8	.5	.1	.0							1.8	5.4
SSE	.4	.6	.3	.1	.0							1.5	5.3
S	1.1	1.7	1.1	.2	.0							4.0	5.6
SSW	1.1	1.8	1.6	.3	.0	.0						4.8	6.2
SW	1.2	2.5	2.4	.6	.0	.0						6.8	6.7
WSW	1.2	2.0	2.0	.5	.0							5.8	6.4
W	1.6	3.2	3.8	1.3	.1	.0						10.0	7.2
WNW	.6	1.5	2.6	1.0	.1	.0						5.9	8.1
NW	.8	2.0	3.2	1.1	.1	.0		.0				7.2	7.9
NNW	.8	1.7	2.3	1.0	.2	.0						6.0	7.9
VARBL													
CALM												22.1	
	14.3	26.5	27.6	8.3	1.1	.1		.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 34699

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/IAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.9	2.8	1.1	.2							9.2	6.7
NNE	1.1	1.4	1.0	.2	.1							3.7	6.0
NE	.7	1.1	.7	.2	.1							2.7	5.9
ENE	.3	.7	.7	.0								1.7	6.0
E	.6	.9	.5	.2								2.2	5.8
ESE	.3	.2	.1	.0								.7	4.4
SE	.1	.5	.0									.6	4.3
SSE	.3	.2	.1	.0								.7	4.3
S	.6	.9	.4	.1								2.0	5.1
SSW	.7	1.8	.7	.1								3.2	5.5
SW	1.0	1.6	1.4	.5	.0							4.5	6.5
WSW	1.4	2.3	1.7	.4	.0							5.8	6.0
W	2.3	4.0	4.6	1.7	.3							12.9	7.3
WNW	.8	2.3	3.5	1.4	.2							8.1	8.3
NW	.8	2.4	3.0	1.3	.3	.0						7.8	8.2
NNW	1.2	1.9	2.7	1.7	.6	.0						8.0	8.6
VARBL													
CALM												26.2	
	14.3	25.0	23.9	8.9	1.8	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2653

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FORT DEVENS AAF MASS 61-63,74-76 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.0	3.2	1.3	.3							9.1	7.5
NNE	1.4	1.9	1.2	.4	.0							5.0	5.8
NE	.7	1.8	1.7	.7	.2							5.2	7.4
ENE	.6	1.1	.7	.3	.0							2.7	6.4
E	.5	.8	.4	.2								2.0	6.0
ESE	.3	.6	.0	.2								1.2	6.0
SE	.5	.3	.2	.1								1.1	5.4
SSE	.2	.4	.2									.8	4.8
S	1.0	.9	.8									2.7	5.3
SSW	.9	1.1	.9	.2								3.0	5.7
SW	1.1	2.8	2.2	.4	.0							6.5	6.3
WSW	1.2	2.2	1.7	.5								5.6	6.3
W	1.2	3.0	3.5	1.3	.1							9.1	7.2
WNW	.7	1.9	2.9	.9	.1	.0						6.6	7.8
NW	.7	2.0	4.6	1.0	.2							8.6	8.0
NNW	.7	2.0	2.6	1.4	.0							6.8	7.9
VARBL													
CALM												24.3	
	13.2	25.8	26.8	9.0	1.0	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2659

DATA PROCESSING PRINC.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 04770 STATION NAME: FORT DEVERES AAF MASS YEARS: 61-63, 74-76 MONTH: MAR

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

CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.7	5.1	2.8	.2							13.6	8.0
NNE	.7	1.9	1.4	.7	.2							4.9	7.4
NE	.5	1.8	1.1	.6								3.9	6.8
ENE	.5	1.4	1.4	.4	.1							3.8	7.3
E	.6	1.7	1.7	.9	.4	.1						5.3	8.8
ESE	.4	.8	1.0	.2	.1							2.5	6.9
SE	.5	.5	.7	.2	.0							1.9	7.1
SSE	.6	.7	.5	.1								1.8	5.4
S	.9	1.3	1.0	.1	.0							3.4	5.5
SSW	.9	1.5	1.4	.3								4.2	6.2
SW	.8	1.3	1.7	.4								4.2	6.5
WSW	.6	1.1	1.7	.3	.1							3.9	7.2
W	.8	2.4	2.6	1.7	.1							7.5	8.1
WNW	.3	.8	3.0	1.9	.1							6.2	9.8
NW	.7	1.5	3.8	2.1	.3							8.4	9.0
NNW	.6	1.4	4.0	2.2	.3							8.4	9.2
VARBL													
CALM												16.3	
	10.9	23.9	32.1	14.8	1.9	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2975

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

04779 FORT LEVENS AAF MASS 61-63, 74-76 APR
STATION MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.2	5.0	1.8	.5	.1						12.2	8.1
NNE	.7	1.3	2.1	.4	.0	.0						4.5	7.5
NE	1.0	1.5	1.4	.1								4.1	5.9
ENE	.5		1.8	.3								3.4	7.2
E	.5	1.2	2.2	.3	.0							4.4	7.5
ESE	.2	.8	1.1	.1								2.3	6.8
SE	.3	.7	.8	.1								1.9	6.1
SSE	.2	.5	.3	.1								1.1	5.9
S	.3	.9	.8	.1	.1							2.2	7.0
SSW	.5	.9	1.1	.5	.2	.0						3.2	8.4
SW	.5	1.3	1.8	1.1	.1	.0						4.8	8.7
WSW	.9	1.5	2.0	.6	.1							5.1	7.2
W	.8	2.3	3.5	1.7	.4							8.7	8.6
WNW	.4	1.5	3.2	1.9	.2	.1						7.3	9.2
NW	.5	2.3	5.0	2.1	.7	.1		.0				10.6	9.4
NNW	.7	2.1	4.3	2.1	.5	.1						9.6	9.0
VARBL													
CALM												14.6	
	9.7	22.7	36.3	13.4	2.9	.4		.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2913

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH MAY
 CLASS ALL WEATHER MONTH ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.5	3.1	1.0	.3							7.6	7.7
NNE	.6	1.3	1.4	.3								3.6	6.8
NE	.8	1.6	1.2	.2		.0						3.9	6.4
ENE	.6	1.7	1.3									3.7	5.8
E	.8	1.7	2.0	.1								4.6	6.2
ESE	.5	1.0	1.3	.1								3.0	6.4
SE	.6	1.5	1.2	.4								3.7	6.6
SSE	.6	.9	.9	.3								2.6	6.2
S	1.0	2.0	1.7	.3	.0							5.1	6.2
SSW	.8	1.5	1.6	.8								4.7	7.0
SW	1.1	2.7	3.2	1.1	.1							8.1	7.3
WSW	.9	2.1	2.4	.8	.1							6.3	7.2
W	1.2	2.8	3.5	1.7	.1	.0						9.4	7.7
WNW	.5	.8	2.1	1.0	.2							4.7	8.9
NW	.6	1.4	2.5	.6	.1							5.1	7.8
NNW	.3	1.4	1.2	.6	.0							3.6	7.6
VARBL													
CALM												20.5	
	11.8	26.9	30.6	9.2	1.0	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 3003

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63,74-76 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	1.8	.4								6.2	5.9
NNE	.5	1.4	1.0	.1								3.1	5.8
NE	.8	1.5	.9	.1								3.4	5.5
ENE	.9	1.4	1.0	.1								3.3	5.6
E	.9	2.0	1.4	.3								4.6	6.0
ESE	.5	1.0	.7	.0								2.2	5.4
SE	.6	1.6	.8									3.0	5.3
SSE	.5	1.2	.5	.0								2.2	5.4
S	1.1	2.3	1.9	.1								5.5	5.9
SSW	.9	2.3	2.2	.2								5.6	6.3
SW	1.5	4.3	3.9	.4								10.1	6.3
WSW	1.8	3.1	2.8	.4								8.2	6.0
W	2.0	3.3	5.1	1.5								12.0	7.1
WNW	.8	1.3	1.6	.6	.0							4.3	7.3
NW	.8	1.9	1.4	.5	.1							4.6	6.7
NNW	.7	1.4	1.2	.5	.0							3.9	6.6
VARBL													
CALM												17.9	
	15.8	32.6	28.2	5.4	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 3035

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FOPT DEVEES AAF MASS YEARS 61-63, 74-76 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	2.2	1.0								8.2	6.3
NNE	.9	1.4	.8	.3	.0							3.3	6.0
NE	.8	1.2	.4									2.5	4.8
ENE	.6	.6	.3									1.5	4.4
E	1.0	1.4	.5	.1								3.1	4.6
ESE	.5	1.2	.4									2.1	5.1
SE	.7	1.2	.5	.0								2.4	5.1
SSE	.5	.7	.5	.1								1.8	5.5
S	1.5	2.4	1.3	.3								5.5	5.5
SSW	.9	2.4	2.0	.4								5.7	6.3
SW	1.1	3.6	3.9	.5								9.1	6.5
WSW	1.4	2.4	2.6	.2	.0							6.6	6.1
W	2.1	4.7	4.1	.8	.0	.0						11.7	6.3
WNW	.7	2.3	2.7	.3								6.0	6.7
NW	1.0	2.4	2.9	.4								6.7	6.6
NNW	.7	1.5	1.8	.5								4.5	7.0
VARBL													
CALM												19.4	
	15.8	32.9	27.0	4.9	.1	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3048

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	3.7	2.5	.5	.1							8.6	6.1
NNE	.8	1.4	1.2	.4								3.8	6.1
NE	.8	1.3	1.4	.1								3.7	5.9
ENE	.4	1.0	.6									2.0	5.5
E	1.1	1.1	.8	.0								3.1	5.1
ESE	.6	.7	.4	.1								1.8	5.4
SE	.4	.9	.4									1.7	5.0
SSE	.5	.7	.2	.1								1.4	4.9
S	1.3	1.9	.9	.2								4.3	5.2
SSW	1.1	2.6	1.4	.4								5.5	5.9
SW	1.3	3.7	2.9	.8								8.8	6.6
WSW	1.7	2.2	2.3	.5	.0							6.7	6.2
W	1.6	3.9	4.0	.6								10.1	6.5
WNW	.7	1.5	1.4	.3								3.9	6.3
NW	.8	2.2	2.0	.5								5.5	6.7
NNW	1.0	1.6	1.6	.6	.1	.0						4.9	7.0
VARBL													
CALM												24.4	
	16.0	20.4	24.0	4.9	.3	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3081

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FUPT DEVELPS AAF MASS YEARS 61-63,74-76 MONTH SEP

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	1.4	.3								5.9	5.4
NNE	.8	1.1	.9	.2								3.0	5.6
NE	.6	1.6	1.0	.4	.0							3.7	6.5
ENE	.6	.7	.7	.4	.3	.1						2.8	6.5
E	1.7	1.4	1.2	.2	.0							4.6	5.3
ESE	.5	.5	.3									1.3	4.5
SE	1.2	1.1	.5	.0								2.8	4.4
SSE	.7	.6	.5	.1								1.9	5.1
S	1.6	2.7	1.8	.2	.1							6.4	5.7
SSW	2.2	2.5	2.5	.2	.0							7.5	5.7
SW	1.8	3.0	2.5	.3	.0							7.6	5.8
WSW	1.2	1.8	1.2	.2	.0							4.3	5.8
W	1.9	2.6	2.4	.5	.0							7.5	5.9
WNW	.5	1.1	2.4	.6	.0							4.6	7.6
NW	.6	1.6	2.9	.6								5.8	7.3
NNW	.7	1.4	1.5	.1								3.8	6.2
VARBL													
CALM												26.4	
	18.7	26.2	23.7	4.3	.6	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FCPT DEWENS AAF MASS YEARS 10-62, 74-76 MONTH UCT
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.6	3.0	.6								8.4	6.0
NNE	1.2	1.3	1.2	.3								3.9	5.8
NE	.6	1.0	1.7	.4	.0							3.8	7.1
ENE	.6	.9	.9	.3								2.7	6.6
E	.6	1.0	.8	.2								2.5	6.0
ESE	.5	.6	.4	.1								1.7	5.5
SE	.4	.5	.2									1.2	4.4
SSE	.2	.5										.7	4.1
S	1.3	1.9	.9	.2								4.3	5.2
SSW	1.0	2.2	1.2	.4								4.8	5.9
SW	1.2	1.7	2.1	.9	.0							5.8	6.9
WSW	1.3	1.9	1.7	.5	.0							5.4	6.2
W	1.5	3.0	4.6	1.2								10.3	7.2
WNW	.8	1.7	2.0	1.6	.1							6.2	8.0
NW	.9	2.8	3.3	1.5	.0							8.4	7.6
NNW	1.1	2.2	2.5	.5	.2							6.5	6.8
VARBL													
CALM												23.3	
	15.4	25.8	26.4	8.6	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2467

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62, 74-76 MONTH NDV

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.9	3.5	2.0	.4							11.7	7.2
NNE	1.0	1.7	1.6	.2	.1							4.6	6.4
NE	.7	1.1	.6	.3								2.8	6.0
ENE	.5	.6	.4	.1								1.7	5.4
E	.5	.7	.3	.1								1.6	5.1
ESE	.2	.2	.1									.5	4.9
SE	.3	.4	.0	.0								.7	4.0
SSE	.3	.5		.0								.9	4.1
S	.9	1.2	.8	.2								3.1	5.4
SSW	1.7	1.5	2.4	.1	.0							5.7	6.1
SW	1.1	2.0	2.4	.4	.0							6.0	6.6
WSW	1.0	1.7	1.8	.8	.0							5.3	6.8
W	1.8	3.1	4.5	1.0	.0							10.5	7.0
WNW	.6	1.4	2.7	1.2	.3	.1						6.3	8.8
NW	.9	1.7	3.0	1.0	.1							6.8	7.7
NNW	.9	2.1	2.5	1.3	.4							7.2	8.3
VARBL													
CALM												24.7	
	15.5	22.9	26.6	8.9	1.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2965

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 50-62,74-76 YEARS DEC MONTH ALL HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	2.4	1.5	.3	.4						9.6	7.9
NNE	.9	1.5	.8	.1	.1							3.5	5.9
NE	1.0	1.0	1.2	.3								3.4	6.2
ENE	.5	.7	.6	.5	.1							2.5	7.3
E	.4	.3	.4	.2	.3							1.6	9.1
ESE	.1	.2	.1	.1								.4	6.5
SE	.3	.2	.1									.6	3.8
SSE	.6	.3	.3		.0							1.3	5.0
S	1.2	1.4	.9	.2	.0							3.6	5.5
SSW	1.1	1.3	1.6	.2								4.1	6.0
SW	1.3	1.4	1.2	.8	.1							4.7	6.8
WSW	1.3	1.8	2.2	.4								5.6	6.4
W	1.5	3.4	3.8	1.7	.0							10.3	7.3
WNW	.8	1.5	3.6	.8	.1							6.8	7.9
NW	1.2	1.8	4.0	1.2	.1							8.3	7.8
NNW	.7	2.0	2.0	.5	.2	.0						5.5	7.4
VARBL													
CALM												27.9	
	14.7	21.9	25.3	8.4	1.4	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 04779 STATION NAME: FORT DEVENIS AAF MASS YEARS: 61-63 MONTH: JAN
 CLASS: ALL WEATHER HOURS (L.S.T.): 0000-0200
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.3	4.3	1.1								11.8	6.8
NNE	1.1	3.2	.5									4.8	4.5
NE		1.1	1.6									2.7	6.2
ENE		.5	1.1									1.6	7.0
E	1.6	1.1	1.1	1.1								4.8	7.0
ESE	.5											.5	2.0
SE													
SSE		.5										.5	6.0
S	1.6	.5										2.1	2.8
SSW	.5	1.1										1.6	3.3
SW	1.1											1.1	2.0
WSW	3.2	3.7	5.3	.5								12.8	5.8
W	1.6	6.4	1.6	.5								10.2	5.3
WNW	.5	3.7	.5	3.7								8.6	8.9
NW		1.6	.5									2.1	5.3
NNW	.5	3.2	2.7		2.1							8.6	9.3
VARBL													
CALM												26.2	
	14.4	31.0	19.3	7.0	2.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 187

DATA PROCESSING BR4.CP
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FORT DEVENS AAF MASS 61-63 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.3	4.3	2.1	1.1								11.7	5.5
NNE	1.1	1.6	.5									3.2	4.8
NE	1.6	.5	.5									2.7	4.6
ENE		1.6	1.6									3.2	6.5
E	1.1	1.1	2.1	.5								4.8	6.7
ESE	.5	.5										1.1	3.5
SE		.5										.5	5.0
SSE	.5											.5	3.0
S				.5								.5	12.0
SSW	1.6	1.6										3.2	3.5
SW	.5	1.1										1.6	3.7
WSW	1.6	2.7	.5									4.8	4.2
W	4.3	4.3	6.9	1.6								17.0	6.4
WNW	1.6	2.7	1.1	.5								5.9	5.7
NW	1.6	2.7	1.6	1.1								6.9	6.7
NNW	.5	3.7	3.7		1.1							9.0	7.9
VARBL													
CALM												23.4	
	20.7	28.7	20.7	5.3	1.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FORT DEVENS AAF MASS 61-63,74-76 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	3.2	1.9	1.3								8.7	5.9
NNE	2.1	.5	.8	.5								4.0	3.5
NE	.8	.3	.5	.5	.3							2.4	8.1
ENE	.5	.3	.5									1.3	5.4
E	.5	.8	.3									1.6	5.0
ESE			.5									.3	8.0
SE		.3										.3	4.0
SSE	.3											.3	1.0
S	.5	.5										1.1	3.3
SSW	.3	2.4										2.6	4.8
SW	1.3	1.1	.3									2.6	4.1
WSW	1.3	3.4		.3								5.0	4.3
W	4.0	4.0	2.4	.3	.3							10.8	5.6
WNW	1.1	2.1	2.1	.8								6.1	7.0
NW	.3	2.9	1.9	.3								5.3	6.9
NNW	1.6	1.1	3.7	1.6								7.9	8.0
VARBL													
CALM												39.7	
	16.9	22.8	14.6	5.6	.5							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 378

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVELS USAF MASS STATION NAME 51-62,74-76 YEARS JAN MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (C.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 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	2.7	1.8								9.6	7.0
NNE	1.1	1.1	.7	.2	.4							3.6	7.5
NE	1.3	2.2	.7									4.3	4.9
ENE	.2	.2										.4	4.5
E	.4	.7	.4									1.6	5.0
ESE	.4											.4	2.5
SE	.2	.2										.4	3.0
SSE													
S	.7	.4	.9									2.0	5.0
SSW	.9	3.4	.7									4.9	5.0
SW	.9	1.6	.7	.4								3.6	6.3
WSW	1.6	2.0	1.3	.2								5.2	5.7
W	1.6	2.7	4.7	2.0	.4							11.4	7.8
WNW	.4	2.2	3.6	1.3								7.6	8.1
NW	.4	2.5	3.1	1.3	.7							8.1	8.9
NNW	1.6	.9	2.5	2.0	.2	.2						7.4	9.0
VARBL													
CALM												29.4	
	14.1	23.1	22.0	9.4	1.8	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH 1200-1400 HOURS (L.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.8	3.4	.7	.7							9.0	7.2
NHE	.9	.7	1.8	.7								4.0	7.5
NE	.7	.7	.7	.2	.2							2.5	6.6
ENE	.4	1.1	.2	.2								2.0	5.7
E	.4	.9										1.3	4.5
ESE	.4	.4										.9	3.8
SE	.4	.9	.2									1.6	4.1
SSE	.2	.7										.9	3.8
S	1.1	1.3	.2									2.7	4.3
SSW	.4	1.1	1.6									3.1	6.7
SW	.7	2.0	1.3	.9	.2							5.2	7.4
WSW	.9	2.0	2.9	.7	.2							6.7	7.6
W	.7	2.5	6.5	3.4	.4							13.5	9.2
WNW	.7	1.6	6.5	2.2	.2							11.2	9.2
NW	.9	.4	4.7	2.9	.2							10.2	9.5
NNW	.7	.7	3.1	2.7	.9							8.1	10.8
VARBL													
CALM												18.0	
	17.1	18.9	33.3	14.6	3.1							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 445

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

04779 STATION FORT JEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.1	3.1	1.2								8.4	7.2
NNE	.7	.7	1.2									2.6	5.5
NE	.5	1.2	.7	.2								2.6	6.0
ENE	.2	.5	1.2									1.9	6.8
E	.2	1.2										1.4	5.0
ESE	.5	.5										1.0	3.0
SE		.7										.7	4.3
SSE	1.2	.5	.2									1.9	3.9
S	.7	1.7	.7	.2								3.3	5.8
SSW	.2	1.7	1.2	.2								3.3	7.1
SW	1.7	2.4	1.9	.7								6.7	6.3
WSW	1.0	1.9	1.7	.7								5.3	6.5
W	2.4	4.5	6.2	1.7	.2							15.1	7.5
WNW	.7	2.4	4.1	1.7	1.0							9.8	9.2
NW	.2	2.9	5.0	1.4								9.6	8.3
NNW	.5	3.3	2.9	3.3	.5							10.5	8.9
VARBL													
CALM												15.8	
	11.7	29.2	30.1	11.5	1.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 418

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FORT DEVENS AAF MASS 51-62,74-76 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.4	2.1	1.2	.3							8.0	6.8
NNE	.3	2.4	.3									2.9	5.0
NE	.6	.9	.6									2.1	4.9
ENE	.6	.6	.6									1.8	5.2
E		.9	1.2									2.1	7.6
ESE	.3											.3	3.0
SE		.6										.6	5.5
SSE	.3		.3	.3								.9	7.0
S	.3	.3	.6									1.2	6.3
SSW	1.2	1.5	.6	.3								3.5	5.4
SW	.6	2.1	2.9	1.2								6.8	7.7
WSW	.9	1.5	.9	.6								3.8	6.0
W	3.2	3.8	3.5	2.1	.6							13.3	7.2
WNW	1.5	2.4	2.9	.3	.3							7.4	7.1
NW	1.5	3.0	2.4	.9	.6	.3						9.4	7.7
NNW	2.4	1.8	2.1	.9	.6							7.7	7.0
VARBL													
CALM												28.3	
	15.6	24.8	20.9	7.7	2.4	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 339

DATA PROCESSING PRACTICE
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-62 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	3.2	3.2	.4								8.3	6.0
NNE	1.2	2.4	1.6									5.2	5.3
NE		1.2	.8									2.0	6.0
ENE		1.2	1.2									2.4	6.5
E	1.2	1.2	.4	.4								3.2	5.0
ESE		.4	.4	.4								1.2	9.3
SE													
SSE													
S		2.0	.4									2.4	6.2
SSW	.8	.4	.8									2.0	5.4
SW	1.2	1.2	3.2									5.6	6.3
WSW	1.6	2.0	2.4									6.0	5.9
W	1.6	6.3	3.6	1.2								12.7	6.6
WNW		2.0	3.6	.4								6.0	7.8
W	2.0	2.4	1.6	1.2	.8							7.9	7.6
NNW	1.2	2.4	.8									4.4	4.8
VARBL													
CALM												31.0	
	12.3	28.2	23.8	4.0	.8							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 252

DATA PROCESSING BRANCH,
 ETAC/LSAF
 AIR WEATHER SERVICE/OAC

SURFACE WINDS

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

STATION 04779 FLEET REVERS AAF MASS STATION NAME 62-63 YEARS FEB MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	4.8	3.6	.6								11.3	5.9
NNE	3.0	2.4	1.8	1.2								8.3	5.9
NE	.6	1.2	2.4	1.2								5.4	7.3
ENE		3.0		.6								3.6	5.7
E	.6	1.2	1.2	1.8								4.8	8.6
ESE		.6		1.2								1.8	11.7
SE													
SSE													
S	.6											.6	2.0
SSW	.6	1.2										1.8	4.3
SW	1.2	3.0	3.0									7.1	6.2
WSW	3.0	2.4	1.2									6.5	4.2
W	1.8	3.6	2.4									7.7	5.0
WNW	.6	3.0	.6									4.2	5.6
NW	.6	1.8	1.2									3.6	5.8
NNW		1.8	1.8	1.2								4.8	8.3
VARBL													
CALM												28.6	
	14.9	29.8	19.0	7.7								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/1AC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT WHEELS AAF MASS YEARS 61-63,74 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.7	2.9	1.8								10.0	7.0
NNE	1.8	2.4	1.8	1.8								7.6	6.5
NE	.6	1.2	1.8	.6								4.1	7.6
ENE	1.8			1.2								2.9	6.6
E	.6	.6	.6	1.2								2.9	9.2
ESE													
SE													
SSE			1.2									1.2	7.5
S													
SSW	.6											.6	2.0
SW		2.9	1.2	.6								4.7	6.4
WSW	2.4	2.9	1.8									7.1	5.5
W	1.8	3.5	3.5									8.8	5.9
WNW	1.2	2.4	2.9									6.5	5.9
NW	.6	1.8	2.4									4.7	7.1
NNW	.6	1.2	2.9	1.8								6.5	8.8
VARBL													
CALM												32.4	
	12.4	23.5	22.9	8.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 170

DATA PROCESSING BRANCH,
 ETAC/USAF
 AIR WEATHER SERVICE/ IAC

SURFACE WINDS

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

STATION 04779 STATION NAME FUPT DEVERNS AAF MASS YEARS 61-63, 74-76 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	1.0	1.2								5.9	6.0
NNE	1.7	2.0	1.5	.5	.2							5.9	6.1
NE	1.0	.7	.7	.5	.2							3.2	7.6
ENE	.5	1.5	.7									2.7	5.7
E	.7		.2									1.0	4.0
ESE	.2	.2										.5	4.0
SE	.5	.2										.7	3.7
SSE		.7										.7	4.3
S	1.2	.2	.2									1.7	3.9
SSW	1.7	2.0										3.7	3.6
SW	2.2	2.7	1.2									6.1	4.8
WSW	1.7	2.5	.7	.2								5.2	5.0
W	1.7	3.2	2.0	.2								7.1	5.6
WNW	1.0	1.5	2.0									4.4	5.9
NW	1.2	1.2	2.7	.5								5.7	7.0
NNW	.7	3.2	1.7	1.0								6.6	6.9
VARBL													
CALM												38.8	
	18.7	23.1	14.7	4.2	.5							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 407

DATA PROCESSING PAA.C.
 ETAC/USAF
 AIR WEATHER SERVICE/1AC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT WENDELL AAF MASS YEARS 61-62, 74-76 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.9	3.2	2.2	.4							10.6	8.0
NNE	.4	2.4	.9									3.7	5.8
NE	1.1	1.3	1.7	1.5	.2							6.1	8.3
ENE	.4	1.1	.4	.4	.2							2.6	7.5
E	.4	.9	.4									1.7	5.3
ESE	.4											.4	3.0
SE	.6		.2									.9	3.8
SSE	.6	.4										1.1	3.2
S	1.3	.4	.6									2.4	4.7
SSW	1.3	1.3	1.5									4.1	5.4
SW	.6	3.2	1.3	.2								5.4	6.0
WSW	.2	1.7	1.3	.2								3.5	6.4
W	1.3	2.8	6.3	1.3	.4							12.1	7.8
WNW	.2	1.5	2.6	.6								5.0	8.0
NW	.4	1.3	4.3	1.1	.2							7.4	8.5
NNW	1.1	2.8	3.5	1.1	.2							8.7	7.7
VARBL													
CALM												24.5	
	11.5	25.3	28.4	8.7	1.7							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 462

DATA PROCESSING BRANCH,
ETAC/USAF
AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

24779 STATION FORT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS FEB MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	3.9	1.7	.9							10.7	8.3
NNE	.9	.9	1.3	.2								3.3	6.1
NE	.7	2.8	2.6	.7	.4							7.2	7.9
ENE		1.1	1.1	.2								2.4	7.3
E	.4	.7	.2									1.3	4.5
ESE	.4	.7										1.1	4.2
SE	.7	.4	.4									1.5	4.6
SSE			.4									.4	7.5
S	.7	2.0	.7									3.3	5.2
SSW	.4	1.3	1.3	.7								3.7	7.2
SW	.9	2.2	2.8	.9	.2							7.1	7.7
WSW	1.1	2.0	2.2	1.3								6.5	7.8
W	.9	2.4	4.8	3.3	.2							11.5	9.0
WNW	.2	1.3	3.3	2.4	.4							7.6	10.0
NW	1.1	1.5	7.0	1.5	.2							11.3	8.8
NNW	.2	1.5	3.5	1.7								7.0	8.8
VARBL													
CALM												14.2	
	10.2	23.1	35.5	14.6	2.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 459

DATA PROCESSING WRA OF
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT LEVENS AFB MASS STATION NAME 61-63,74-76 YEARS FEB MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.2	3.7	1.4	.5							9.2	8.5
NNE	.9	1.2	.9	.2								3.2	5.7
NE	.2	1.6	1.6	.7								4.1	7.6
ENE	.2	.9	.7									1.8	6.1
E	.7	.7	.2									1.6	4.4
ESE	.2	1.6	.2	.2								2.3	5.4
SE	.7	.7	.7									2.1	5.4
SSE	.5	.9										1.4	4.3
S	.2	.9	2.8									3.9	7.5
SSW	.5	.9	.9	.2								2.5	6.8
SW	.7	3.0	2.8	.9								7.4	6.9
WSW	.7	3.0	2.5	1.2								7.4	7.2
W	1.2	3.9	4.4	2.3								11.8	7.4
WNW	.9	1.8	5.5	2.1	.2	.2						10.8	8.9
NW	.5	2.5	6.5	2.1								11.5	8.3
NNW	.5	1.4	3.2	2.1								7.1	9.0
VARBL													
CALM												11.8	
	9.0	28.3	36.6	13.4	.7	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 434

DATA PROCESSING PLANT
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 04779 STATION NAME FILPT DEVEL S AAE MASS YEARS 61-63, 74-76 MONTH FFb
 CLASS ALL WEATHER MONTH 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	.9	2.1	4.8	.6								8.5	7.6
NNE	1.8	1.5	2.1	.3								5.8	5.7
NE	.5	2.7	.6	.3								4.2	5.5
ENE	1.5	.3	.6									2.4	4.5
E	.6	1.8	.9	.3								3.6	6.0
ESE	.6	.3		.3								1.2	5.8
SE	.6	.3		.6								1.5	7.4
SSE		.6										.6	5.0
S	.9	2.1	.6									3.6	5.1
SSW	1.2	.9	1.2									3.3	5.7
SW	.9	3.3	2.4									6.7	5.7
WSW	1.8	1.5	2.1									5.5	5.7
W	.6	2.7	.9	.3								4.5	6.1
WNW	1.2	3.0	3.0	.6								7.9	6.5
NW	.9	3.3	4.8	.9								10.0	7.1
NNW	.9	1.5	1.2	1.2								4.8	7.3
VARBL													
CALM												25.8	
	15.2	28.2	25.5	5.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 330

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/NAAC

SURFACE WINDS

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

04779 STATION FORT MEYERS AAF MASS STATION NAME 61-63,76 YEARS FEB MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.5	1.7									7.0	5.4
NNE	3.1	3.9	.4									7.4	4.4
NE	.9	2.6	3.1									6.6	6.3
ENE	.9	1.7	1.3	.9								4.8	7.0
E		1.3										1.3	4.3
ESE	.4	.9		.9								2.2	8.0
SE				.4								.4	14.0
SSE													
S	3.1		.4									3.5	3.3
SSW	.4		.9	.4								1.7	6.8
SW	2.2	2.2	3.1	.4								7.9	5.8
WSW	.9	1.7	1.3									3.9	5.8
W	1.3	1.7	1.3	.4								4.8	5.5
WNW	.9	2.2	.4									3.5	4.5
NW		3.1	3.5	.4	.9							7.9	8.5
NNW	1.7	2.2	2.2	.4								6.0	6.1
VARBL													
CALM												30.6	
	17.5	27.1	19.7	4.4	.9							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 229

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/RAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT WHEELS AFB MASS YEARS 62-63 MONTH MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	5.4	6.5	.5								15.6	6.3
NNE	1.6	3.2	.5	.5								5.9	5.5
NE	.5	3.2	1.1	.5								5.4	5.8
ENE	.5		1.6	1.6	.5							4.3	10.3
E	.5	1.6	1.1	1.6	.5							5.4	9.7
ESE													
SE			1.1									1.1	8.1
SSE	1.1	.5										1.6	4.0
S	1.1	.5	.5									2.2	4.0
SSW	.5	.5	2.2									3.2	6.3
SW	1.6	1.6	.5									3.8	4.0
WSW	.5	1.1	1.1									2.7	6.2
W	.5	4.3	1.6	1.1								7.5	6.9
WNW	1.6	1.1	.5	1.1								4.3	6.3
NW	1.1	3.2	3.8									8.1	6.1
NNW	.5	4.3	3.8	1.1								9.7	7.2
VARBL													
CALM												19.4	
	15.1	30.6	25.8	8.1	1.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING FAC
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04770 STATION FORT JEVES AAF MASS STATION NAME 12-62 YEARS MAR MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	8.6	5.4	1.6								19.4	6.0
NNE	1.1	.5	1.1	1.1								3.8	7.1
NE	2.2	2.7	1.1	2.2								8.1	6.8
ENE		2.2	1.6		.5							4.3	8.0
E	.5	1.6	.5	2.2		.2						5.4	10.8
ESE		.5										.5	4.0
SE	1.1	2.2										3.2	4.3
SSE	.5	.5	.5									1.6	5.0
S	.5	.5										1.1	4.0
SSW	1.1	.5										1.6	3.7
SW	2.2	1.1	1.1									4.3	4.8
WSW	1.1	.5	1.6									3.2	5.7
W	4.3	3.2		.5								8.1	4.3
WNW		.5	2.2		1.1							3.8	10.9
NW	.5	3.2	2.7									6.5	5.9
NNW	1.1		3.8	1.1								5.9	7.9
VARBL													
CALM												19.4	
	19.9	28.5	21.5	8.6	1.6	.5						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION: 04779 STATION NAME: FORT REVELS AAF MASS YEARS: 61-62, 74-76 MONTH: 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	2.9	4.1	6.1	1.0								15.0	6.3
NNE	1.2	2.2	.8									4.3	4.9
NE	.4	1.4	.8	.6								3.3	7.1
ENE	1.0	1.6	1.0	.4	.2							4.3	6.4
E	.6	.6	.8	.8	.2							3.0	8.5
ESE	.2	.6	.4									1.2	5.0
SE	.4	.2		.2	.2							1.0	8.8
SSE	.4	.2										.6	3.0
S	.6											.6	2.3
SSW	1.4	1.0	1.4									3.9	5.4
SW	1.0	1.2	.8									3.0	5.0
WSW	1.4	1.2	2.4									5.1	5.7
W	.4	3.0	3.3	.2								6.9	6.8
WNW	.2	1.2	2.8	.4								4.7	8.2
NW	1.2	1.0	2.6	1.2	.4							6.5	8.3
NNW	.8	1.2	3.3	1.4								6.7	8.2
VARBL													
CALM												29.9	
	15.2	20.9	26.6	6.3	1.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 492

DATA PROCESSING PROGRAM
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 04779 STATION NAME: FORT MEVENS AAF MASS YEARS: 61-63, 74-76 MONTH: MAR

CLASS: ALL WEATHER MONTHS (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	2.0	2.0	5.7	4.3	.8							14.7	9.1
NNE	.4	2.0	1.8	1.6	.4							6.1	9.1
NE	.0	2.7	1.0	1.4								5.9	7.3
ENE		.8	1.4	.4								2.5	8.5
E	.6	3.1	2.0	.6	.6							6.8	7.7
ESE	.4	.8	.8									2.0	6.3
SE			.6									.6	10.0
SSE	.6	.8	.2	.2								1.8	5.2
S	1.2	1.0	.8									2.0	4.5
SSW	1.0	1.6	1.4	.6								4.5	6.2
SW	.4	1.4	1.4	.2								3.3	6.3
WSW	.6	1.6	2.5									4.7	6.9
W	1.4	1.8	2.5	2.2								7.9	8.4
WNW			3.5	2.5								6.1	11.2
NW	1.0	1.4	4.3	3.1								9.8	9.2
NNW	.4	.6	5.1	2.0	.8							8.8	10.0
VARBL													
CALM												11.7	
	10.6	21.3	34.8	19.0	2.5							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 511

DATA PROCESSING AREA
 ETAC/USAF
 AIR WEATHER SERVICE/PAO

SURFACE WINDS

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

STATION: 04779 STATION NAME: FORT BELLEVILLE AFB MASS YEARS: 61-03, 74-76 MONTH: 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	.4	1.9	4.3	4.7	.2							11.5	10.2
NNE	.8	1.6	1.8	.4	.6							5.1	8.0
NE		1.2	.8	.2								2.1	7.5
ENE	.4	2.1	1.4	.2								4.1	6.4
E	.6	1.8	2.7	.6	.6							6.2	8.8
ESE	.2	1.0	1.8		.2							3.1	7.6
SE	.8	.8	.6	.2								2.3	5.7
SSE	.6	.6	.8									1.9	5.6
S	.6	1.9	2.5	.2	.2							5.5	6.9
SSW	.6	1.2	1.9	.6								4.3	7.2
SW	.8	1.9	2.5	1.2								6.4	7.3
WSW		.6	1.6	.6	.4							3.1	10.1
W	.2	2.3	4.5	3.3								10.3	9.4
WNW	.4	.8	2.3	3.5								7.0	10.2
NW		.6	4.3	3.5	.6							9.0	11.1
NNW	.2	1.2	4.5	3.1	.4							9.4	10.3
VARBL													
CALM												8.6	
	6.4	21.4	38.2	22.2	3.1							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04773 FORT EVERTS AAF MASS STATION NAME 61-63,74-76 YEARS WAR MONTH 1500-1700
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 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	5.5	4.4	.4							14.3	9.3
NNE	.2	1.1	1.7	.8								3.8	8.2
NE	.2	.8	1.5									2.5	6.8
ENE	.2	.4	1.5	.2								2.3	8.3
E	.2	1.5	1.9	.6	.4							4.6	9.2
ESE	.8	1.5	1.1	.2	.4							4.0	6.9
SE	.6	.4	2.1									3.2	7.5
SSE	.6	1.1	1.3	.2								3.2	6.3
S	.8	2.5	1.7	.2								5.3	6.0
SSW	.4	2.7	2.3	.8								6.3	7.3
SW	.4	1.5	2.3	.2								4.4	7.0
WSW		1.3	1.5	.8	.2							3.8	8.9
W		1.1	2.5	2.3	.2							6.1	10.2
WNW	.2	.8	5.9	2.9								9.9	9.7
NW	.2	1.3	4.0	4.0	.6							10.1	10.6
NNW		1.1	4.2	2.9	.4							8.6	10.5
VARBL													
CALM												7.8	
	5.0	22.9	40.8	20.8	2.7							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 476

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS MAR MONTH
 ALL WEATHER CLASS 1800-2600 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	5.1	3.7	1.4								11.3	7.2
NNE		2.5	.6	1.1								4.2	7.5
NE	.3	1.1	.8	.3								2.5	6.6
ENE	.3	2.0	.8	.3								4.0	5.5
E	1.1	1.7	2.0	.8	.3	.3						6.2	8.3
ESE	1.1	1.4	2.0	.3								4.8	6.1
SE	.8	.8	1.1	.8								3.7	7.5
SSE	.6	1.1	.8									2.5	5.9
S	.8	1.4	1.4									3.7	5.9
SSW	1.1	2.5	.8									4.5	5.3
SW	.3	.8	1.4	.6								3.1	7.9
WSW	.3	.3	1.1	.6								2.3	8.9
W	1.1	2.5	2.3	1.1	.3							7.3	7.7
WNW		1.1	2.3	1.7	.3							5.4	10.1
NW	1.1	2.5	4.5	.6	.3							9.0	7.9
NNW	.3	1.7	3.7	2.5								8.2	9.3
VARBL													
CALM												17.2	
	11.0	28.8	29.4	12.1	1.1	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 354

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AFB MASS YEARS 61-63,76 MONTH MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	3.1	4.3	.8								8.9	7.1
NNE	1.2	2.3	3.1									6.6	6.9
NE	.4	2.7	1.9									5.1	5.6
ENE	.8	2.3	2.3	.8	.4							6.6	7.6
E	.4	1.2	1.2	1.2		.4						4.3	9.6
ESE			1.2	1.2								2.3	10.0
SE													
SSE	.4	.4										.8	3.5
S	1.9	2.3										4.3	3.6
SSW	1.2	.8										1.9	2.8
SW	1.2	.8	3.1	.4								5.4	6.9
WSW	1.6	1.9	.8									4.3	4.5
W	.4	2.3	.4	1.2								4.3	7.5
WNW	.4	1.6	1.6	1.2	.4							5.1	9.0
NW	.8	1.2	3.1	.8								5.8	6.7
NNW	2.3	3.1	2.3	1.9								9.7	6.6
VARBL													
CALM												24.5	
	13.6	26.1	25.3	9.3	.8	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 257

DATA PROCESSING CENTER
 ETAC/USAF
 AIR WEATHER SERVICE/MAJ

SURFACE WINDS

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

04770 STATION FORT JEVES AAF MASS STATION NAME 62-63 YEARS MONTH APR 0000-0200 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.0	2.8	1.7	.6								10.0	4.6
NNE	1.7		1.7									3.3	5.0
NE	2.2	2.8	1.7									6.7	5.1
ENE	1.1	.6	.6									2.2	4.8
E	.6		2.2									2.8	8.2
ESE	1.1											1.1	2.5
SE	1.1	1.1	.6									2.8	4.0
SSE													
S		.6										.6	6.0
SSW	.6	2.2	.6									3.3	4.7
SW		1.1	1.7									2.8	7.6
WSW	1.1	4.4	4.4	.6								10.6	6.7
W	1.7	1.7	2.8	1.7								7.8	8.1
WNW	1.1	1.7	.6									3.3	4.5
NW	1.7	1.1	3.3	.6								6.7	6.4
NNW	1.1	3.9	2.8	1.1	.6	.6						10.0	8.5
VARBL													
CALM												26.1	
	20.0	23.9	24.4	4.4	.6	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

04770 STATION F. BT. EVENS AAF MASS 62-63.76 YEARS APR MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	6.6	3.3	1.1								14.2	5.5
NNE	2.2	.5	1.6									4.4	5.0
NE	1.1	.5										1.6	3.3
ENE	.5	.5		1.1								2.2	7.5
E		1.6	1.6									3.3	7.2
ESE													
SE		1.1										1.1	4.0
SSE	.5											.5	2.0
S	.5											.5	3.0
SSW	2.2	1.1	1.1									4.4	4.4
SW	1.1	3.3	.5									4.9	5.0
WSW	3.8	4.4	.5	.5								9.3	4.2
W	1.6	1.6	2.7	1.1								7.1	7.2
WNW	.5	1.6	1.1	.5								3.8	6.7
NW	1.1	1.6	.5									3.3	5.3
NNW	1.6	2.2	2.7	1.1								7.7	7.1
VARBL													
CALM												31.7	
	20.2	26.8	15.8	5.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 183

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

04779 STATION FORT LEVENS AAF MASS STATION NAME 61-62,74-76 YEARS APR MONTH
 ALL WEATHER CLASS 0500-0800 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	2.7	3.1	5.3	1.4	.2							12.7	7.0
NNE	.4	2.0	1.2									4.1	6.1
NE	.4	.6	1.0									2.0	5.9
ENE	.2	.8	1.2	.4								2.7	7.7
E	.6	1.2	2.0	.2								4.1	6.7
ESE		.6	.6	.4								1.6	8.1
SE		.4	.6									1.0	6.0
SSE	.2	.2										.4	3.0
S	.4	1.0	.4									1.8	5.7
SSW	1.0	.6	.8									2.4	5.0
SW	1.4	2.2	.8	.6								5.1	5.9
WSW	1.3	1.6	.4									3.9	4.3
W	1.6	3.1	3.1	.8	.2							8.8	7.0
WNW	.6	2.4	3.3	1.2								7.6	7.9
NW	.8	1.0	3.5	1.0	.2							6.5	8.3
NNW	.6	2.0	2.7	.6	.2							6.1	7.6
VARBL													
CALM												29.2	
	13.3	23.1	26.9	6.7	.8							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 490

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 04779 STATION NAME F. PT DEVERES AAF MASS YEARS 61-63, 74-76 MONTH APR
 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	.2	1.2	8.5	1.8	.4	.2						12.3	9.5
NNE	.2	1.8	4.0	1.0								7.1	8.3
NE	1.2	1.6	3.0	.4								6.3	6.9
ENE	.4	.6	1.6	.2								2.8	6.9
E	.4	1.0	2.8	.4								4.6	7.9
ESE	.4	.4	1.4	.2								2.4	7.8
SE	.4	.6	.2									1.2	4.3
SSE	.2	.8										1.0	5.2
S	.8	1.6	1.2	.2								3.8	5.9
SSW	.4	1.2	.8	.2	.2	.2						3.0	8.3
SW	.8	1.4	1.0	1.0								4.2	7.7
WSW	.2	.8	2.0									3.0	7.1
W	.6	2.4	3.2	1.8	.4							8.5	8.5
WNW	.2	1.2	4.0	3.4	.4	.4						9.7	10.7
NW	.2	1.8	3.2	3.4	1.2							9.9	10.8
NNW	.4	1.4	4.8	2.6	.6							9.9	9.6
VARBL													
CALM												10.1	
	7.1	20.0	42.0	16.8	3.2	.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING WORK
 FTAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 04779 FORT LEVENS AAF MASS STATION NAME 51-62,74-76 YEARS APR MONTH
 CLASS ALL WEATHER HOURS (C.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	1.0	2.6	4.9	3.3	1.4	.2						13.4	9.8
NNE	.2	1.4	2.2	.6								4.5	7.7
NE	.8	2.0	1.4									4.3	5.9
ENE	.2	.6	2.2	.4								3.5	8.0
E	.8	1.6	2.8	.6	.2							6.1	3.2
ESE	.4	.4	1.4									2.2	7.0
SE		.4	.8									1.2	7.0
SSE	.2	1.2	.6	.2								2.2	6.0
S	.2	.6	.6		.2							1.6	7.9
SSW		.6	1.2	1.0	.6							3.5	11.5
SW	.2	1.0	2.4	.8		.2						4.7	9.3
WSW	.6	.2	2.4	1.6	.4							5.3	10.3
W	.4	.6	6.1	2.4	1.2							10.8	10.4
WNW	.4	.8	5.1	2.6	.6							9.6	10.2
NW	.2	1.6	6.5	2.4	1.2							12.0	10.0
NNW	.4	1.4	4.7	3.0	.6	.2						10.4	10.1
VARBL													
CALM												4.9	
	6.1	17.3	45.5	19.1	6.5	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 492

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/14C

SURFACE WINDS

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

04779 STATION FORT DEVENS AFB MASS STATION NAME 61-63,74-76 YEARS APR MONTH
 CLASS ALL WEATHER 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		3.3	4.8	3.1	.8	.4						12.6	10.2
NNE		.8	1.7	.6	.2	.2						3.6	10.5
NE	.2	1.7	1.3									3.8	6.1
ENE	.2	.8	2.9	.4								4.4	8.2
E	.2	1.0	2.1	.6								4.0	8.4
ESE		.6	2.1	.2								2.9	8.2
SE		.4	2.5	.6								3.6	8.6
SSE	.4	.4	.6	.2								1.7	6.3
S		.4	.8	.4								1.7	9.0
SSW		1.0	.8	1.9	.2							4.0	10.5
SW		.6	2.3	1.9	.6							5.4	11.3
WSW		1.0	1.9	.8	.2							4.0	9.8
W		2.5	3.6	2.5	.8							9.4	9.8
WNW		1.5	5.2	2.3	.4							9.4	9.7
NW	.4	2.1	7.1	2.9	.8	.4						13.8	10.3
NNW	.6	1.9	7.1	2.7	.4							12.8	9.3
VARBL													
CALM												3.1	
	2.7	20.3	46.9	21.3	4.6	1.0						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 478

DATA PROCESSING CENTER
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

04779 FORT LEVENS AAF MASS 61-63.74-76 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	3.8	4.4	.9								9.9	7.1
NNE	.9	.9	2.6	.6								4.9	7.4
NE	1.2	2.3	.9									4.4	5.1
ENE	1.7	.3	1.2									3.2	5.2
E	.9	1.5	2.0	.3								4.7	6.5
ESE		3.2	1.2									4.4	5.7
SE	.9	1.2	.9									2.7	4.9
SSE			.9									.9	8.7
S			1.2		.3							1.5	11.0
SSW	.3	.3	2.6	.3	.3							3.8	9.4
SW		.6	3.5	2.0	.3							6.4	10.5
WSW	.3	1.5	1.5	.6								3.8	7.8
W	.9	3.8	2.9	1.2								8.7	6.7
WNW	.3	1.7	1.5	1.2								4.7	7.6
NW	.3	4.7	6.7	2.6	.3			.3				14.8	9.3
NNW	.6	2.9	2.8	2.9	.3							10.5	8.4
VARBL													
CALM												10.8	
	9.0	28.5	37.5	12.5	1.5			.3				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 344

1
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 04779 FORT REVERNS AAF MASS STATION NAME 61-63,76 YEARS APR MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.2	3.2									10.8	5.4
NNE	1.2	1.2	.4									2.8	4.3
NE	1.6	.8	1.2	.4								4.0	5.8
ENE	.4	2.8	2.8									6.0	6.7
E	.8	1.2	1.2									3.2	5.5
ESE	1.6	.4										2.0	3.0
SE	.8	.8										1.6	3.8
SSE		.4										.4	6.0
S	.4	2.4	2.0									4.8	6.3
SSW	.4	.4	.4									1.2	6.0
SW		.8	1.2	1.6								3.6	9.7
WSW	1.6	2.4	4.4	.4								8.8	6.3
W		2.4	1.2	1.2								4.8	7.8
WNW	1.2	1.2		.8								3.2	6.4
NW	.8	5.2	6.4	1.2	.4							13.9	7.3
NNW	.8	2.8	2.8	.8	1.2							8.4	8.7
VARBL													
CALM												20.7	
	13.9	30.3	27.1	6.4	1.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 251

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

SURFACE WINDS

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

04779 STATION EGPT DEVERS AAF MASS STATION NAME 62-63 YEARS MAY MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.3	.5									6.5	4.6
NNE	.5	.5	1.1									2.2	6.0
NE	2.7	1.1	.5									4.3	4.4
ENE	.5	3.2	1.6									5.4	5.3
E	1.6	.5	.5	.5								3.2	5.2
ESE	1.1	1.1										2.2	3.3
SE		1.1										1.1	5.5
SSE													
S	.5	1.1										1.6	4.3
SSW	1.6	.5	.5									2.7	4.0
SW	1.6	3.2	2.7									7.5	5.6
WSW	2.2	5.4	1.6									9.1	5.0
W	4.3	2.2	1.6									8.1	4.3
WNW	.5	2.2	1.1									3.8	6.0
NW	1.1		2.2									3.2	6.7
NNW	.5	3.2										3.8	5.1
VARBL													
CALM												35.5	
	20.4	29.6	14.0	.5								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 ET W/ 15
 AIR FORCE SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FLRT DEWENS AAF MASS YEAR 61-62,76 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.0	3.0	1.7									7.7	4.6
NNE	1.3	.9	.9									3.0	4.9
NE	1.3	.9	.9									3.0	4.9
ENE	.9	1.7	2.6									5.1	6.3
E			.4									.4	8.0
ESE	.4											.4	3.0
SE	.4											.4	2.0
SSE		.9	.4									1.3	6.3
S	.9	1.7	.4									3.0	5.1
SSW	2.1	.9	.9									3.8	4.2
SW	1.7	3.8	1.3									6.8	4.8
WSW	1.3	2.6	2.1									6.0	5.5
W	1.3	2.6	.9									4.7	4.7
WNW	.9	.4	.9									2.1	5.2
NW	1.3	2.1	1.3									4.7	5.5
NNW	.4	.9	.4									1.7	4.8
VARBL													
CALM												45.7	
	17.1	22.2	15.0									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 234

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63,74-76 MONTH 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	1.0	1.6	2.0	1.2								5.7	7.4
NNE	.6	1.2	1.0	.2								3.0	6.3
NE	.6	1.4	.8									2.8	5.4
ENE	.8	2.8	1.6									5.1	5.7
E	1.0	1.2	1.4									3.5	5.5
ESE	.2	.2										.4	3.0
SE	.6	.6	.4									1.6	4.4
SSE	1.2	.4	.2									1.8	3.2
S	2.0	1.4	.4									3.7	4.2
SSW	1.4	2.0	.6	.2								4.1	5.1
SW	2.2	3.0	2.4									7.5	5.5
WSW	1.8	1.8	.6	.2								4.3	4.7
W	1.4	2.4	3.5	.6								7.9	6.6
W/NW	.6	.8	2.4									3.7	6.8
NW	.8	1.2	1.8	.6								4.3	7.3
NNW	.4	1.8	.6	.6								3.3	6.2
VARBL													
CALM												37.2	
	16.3	23.4	19.5	3.5								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 508

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FURT DEVERNS AAF MASS YEARS 61-63, 74-76 MONTH MAY
 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	.8	1.8	4.3	2.0	.4							9.2	9.0
NNE		1.8	2.0	.4								4.1	7.3
NE	.8	2.2	1.6	.2								4.7	6.2
ENE	.2	1.6	1.2									2.9	6.3
E	1.0	2.0	2.6	.4								5.9	6.8
ESE	.4	1.0	1.4									2.8	6.6
SE	1.0	2.0	.6	.2								3.7	5.4
SSE	.8	1.4	.2									2.4	4.2
S	2.0	3.1	2.0	.2								7.3	5.3
SSW	.8	1.6	2.4	.8								5.5	7.1
SW	.6	2.4	4.1	1.2								8.3	8.1
WSW	.2	1.2	2.0	.8	.2							4.3	8.6
W	.2	2.0	4.9	2.9		.2						10.2	9.4
WNW	1.0	.2	2.9	1.4								5.5	8.5
NW	.6	1.0	2.6	.6								4.7	8.0
NNW		2.0	1.8	1.4								5.1	8.8
VARBL													
CALM												13.4	
	10.2	26.9	36.3	12.4	.6	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 509

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FURT DEVENS AAF MASS YEARS 61-63,74-76 MONTH MAY
 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	.4	2.0	4.8	1.0	.8							8.9	9.0
NNE	.6	1.6	1.8	.4								4.4	6.8
NE	1.2	1.4	1.8	.6								5.0	6.8
ENE	.6	1.2	1.4									3.2	6.3
E	.6	1.2	2.8									4.6	7.0
ESE	.6	1.0	2.0									3.6	6.7
SE	.8	1.4	1.6	.2								4.0	6.4
SSE	.6	1.8	2.0	.4								4.8	6.5
S	.4	2.4	2.4	1.0								6.2	7.5
SSW	.2	1.6	2.4	1.6								5.8	8.6
SW	.4	2.6	3.8	1.8								8.5	8.3
WSW		1.6	3.0	1.2	.4							6.2	9.3
W	1.2	2.0	5.2	2.6	.2							11.1	8.7
WNW	.2	1.0	3.4	2.0	.8							7.4	10.6
NW	.6	1.0	2.6	1.0	.4							5.6	8.9
NNW		.6	1.8	1.0								3.4	9.4
VARBL													
CALM												7.6	
	8.3	24.3	42.5	14.7	2.6							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 503

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS MAY MONTH
 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	2.6	1.2	.4							6.7	8.7
NNE	1.0	1.2	2.0	.2								4.5	6.7
NE	.2	2.2	2.0	.6								5.1	7.4
ENE	.4	.6	.8									1.8	6.0
E	.8	2.0	3.0									5.9	6.3
ESE	.4	2.0	2.6									5.1	6.9
SE	.4	2.4	3.4	1.6								7.9	8.0
SSE	.2	1.0	1.6	.8								3.6	8.1
S	.8	1.4	3.0	.6								5.9	6.9
SSW		2.0	2.6	2.0								6.7	8.8
SW	.4	1.6	3.4	1.6	.4							7.5	8.7
WSW	.4	1.8	3.4	1.6								7.3	8.6
W	.6	3.2	3.4	3.4	.6							11.3	9.4
WNW		.8	1.6	2.0	.2							4.7	10.3
NW	.2	1.2	3.8	.6	.2							6.1	8.2
NNW	.2	1.4	1.4	.8	.2							4.0	8.8
VARBL													
CALM												6.1	
	6.3	27.3	41.1	17.2	2.0							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 494

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AA - MASS YEARS 61-63, 74-76 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.6	3.6	.3								7.7	6.6
NNE	.3	1.2	.9	.9								3.3	7.2
NE	.6	1.2	.9			.3						3.0	7.7
ENE	1.2	1.2	1.8									4.2	5.4
E	.6	3.9	1.8									6.2	5.4
ESE	.6	2.1	2.4	.6								5.6	6.8
SE	.6	3.0	2.1	.3								5.9	6.6
SSE	.3	.3	1.5	.6								2.7	8.7
S		3.0	2.7		.3							5.9	7.8
SSW	.9	1.2	.9	.3								3.3	6.1
SW	1.8	.1	3.6	2.1	.3							9.8	8.2
WSW	1.2	.9	3.0	1.2								6.2	7.7
W	.9	5.9	1.2	.9								8.9	6.1
WNW	.3	.9	1.2	1.2	.3							3.9	9.7
NW	.3	2.7	3.0	.6								6.5	8.0
NNW	.9	.9	1.8									3.6	6.2
VARBL													
CALM												13.4	
	10.7	33.8	32.0	8.9	.9	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 337

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.9	3.0	.4								8.2	6.3
NNE	.9	1.3	.4									2.6	4.7
NE		1.3										1.3	4.3
ENE	.4	3.0										3.4	4.8
E	.9	1.7	1.7									4.3	5.6
ESE	1.3	.4	.4	.4								2.6	5.8
SE		.4										.4	4.0
SSE	.9	.9										1.7	3.5
S	.9	.9	.9									2.6	5.3
SSW	.9	.9	.9									2.6	5.3
SW	.9	4.3	2.6	.9								8.6	6.5
WSW	2.2	4.7	3.4	.4								10.8	5.9
W	2.6	3.0	3.9									9.5	5.5
WNW	.9	1.3	1.3									3.4	5.8
NW		2.2	2.2	.4								4.7	7.2
NNW	.4	1.3										1.7	4.5
VARBL													
CALM												31.5	
	13.8	31.5	20.7	2.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 232

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME PORT DEVENS AAF MASS YEARS 62-63 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.7	.6									4.4	2.8
NNE	.6	2.2	1.1									3.9	5.1
NE	2.8	.6	.6									3.9	3.4
ENE	2.2	2.2	.6									5.0	4.0
E	.6	3.9	.6	.6								5.6	5.6
ESE	.6											.6	3.0
SE	1.1	.6										1.7	2.7
SSE	.6	1.1										1.7	3.7
S													
SSW	.6	1.7										2.2	4.8
SW	2.8	4.4	1.1									8.3	4.3
WSW	3.9	4.4	1.7									10.0	4.5
W	5.6	6.1	3.9	1.7								17.2	5.4
WNW	2.2											2.2	2.3
NW	1.1	.6	.6	.6								2.8	5.6
NNW	2.8	2.8										3.6	3.6
VARBL													
CALM												25.0	
	29.4	32.2	10.6	2.8								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FORT DEVENS AAF MASS 61-63,76 JUN
STATION STATION NAME YEARS MONTH
 ALL WEATHER 0300-0500
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.3									3.9	5.1
NNE		.4	1.3									1.7	7.8
NE		1.7	1.3									3.0	6.3
ENE	1.3	2.2										3.5	4.4
E	1.3	.9	.9									3.0	4.6
ESE													
SE	.9	.4										1.3	3.3
SSE	.4	.9										1.3	4.0
S	1.3	1.7	.4									3.5	4.3
SSW	.9	1.7	.4									3.0	4.4
SW	3.5	3.0	1.7									8.3	4.4
WSW	6.1	4.3										10.4	3.2
W	6.5	3.0	3.0	.4								13.0	4.9
WNW	.4											.4	2.0
NW	.4	1.3	1.3	.9								3.9	7.6
NNW			.4									.4	7.0
VARBL													
CALM												39.1	
	24.3	23.0	12.2	1.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAE MASS STATION NAME 61-63,74-76 YEARS JUN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)

 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.0									3.3	4.9
NNE	1.4	1.2	1.4	.2								4.1	5.0
NE	1.2	1.8	1.2									4.1	5.1
ENE	1.0	.6	.4									1.9	4.4
E	.4	1.2	.6									2.1	5.9
ESE	.4	.4										.8	3.8
SE	.4	.4	.2									1.0	4.4
SSE	.4	.4	.2									1.0	4.2
S	1.8	4.1	.4	.2								6.4	4.8
SSW	2.1	3.5	.8									6.4	4.6
SW	1.4	3.9	1.9									7.2	5.4
WSW	2.5	1.9	.6	.2								5.3	4.4
W	3.1	3.1	3.1	1.0								10.3	6.0
WNW	.8	1.2	1.0									2.9	5.9
NW	1.2	1.9	.4									3.5	4.3
NNW	1.0	1.0	1.9	.2								4.1	6.5
VARBL													
CALM												35.5	
	20.1	27.7	15.0	1.8								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAE MASS STATION NAME 61-63,74-76 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	.8	2.9	3.7	.2								7.6	6.8
NNE	.8	3.3	1.0	.2								5.3	5.6
NE		2.5	1.2	.2								3.9	6.2
ENE	.4	1.9	1.0	.2								3.5	6.3
E	1.2	2.1	2.1	.4								5.8	6.3
ESE	.4	.6	.6	.2								1.8	5.9
SE	.8	1.6	.2									2.5	4.6
SSE	1.2	.2	.4									1.8	4.0
S	1.6	1.8	3.1									6.4	6.0
SSW	.8	1.8	3.5	.2								6.2	6.7
SW	2.1	5.1	3.1	.2								10.5	5.9
WSW	.2	2.9	2.9	.6								7.0	7.1
W	.2	2.1	5.3	1.9								9.5	8.3
WNW	.4	1.6	2.5	1.0	.2							5.6	8.4
NW	1.4	1.9	2.9	.4								6.6	6.7
NNW	.8	1.4	1.2	.6								3.9	6.6
VARBL													
CALM												12.1	
	13.2	33.7	36.6	6.2	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 514

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FOPT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.8	3.0	1.2								8.5	6.8
NNE	.6	1.4	.8	.4								3.2	6.6
NE	.6	1.2	.8	.4								3.0	6.5
ENE	1.4	2.4	2.0	.4								6.1	5.9
E	.8	2.6	2.6	.6								6.5	6.3
ESE	.6	.4	.6									1.6	5.3
SE	.4	1.6	.8									2.8	5.6
SSE		.4	.4									.8	6.8
S	1.0	3.2	3.4	.4								7.9	6.4
SSW	.8	1.8	3.4	.4								6.3	7.1
SW	.6	3.4	6.7	1.0								11.6	7.7
WSW	.4	1.2	3.0	.8								5.3	7.8
W	.2	3.9	8.9	2.0								15.0	8.3
WNW	1.4	1.8	2.6	.8								6.5	7.1
NW	.4	1.6	2.0	1.0	.4							5.3	8.6
NNW	.4	2.0	1.0	.8	.2							4.3	7.8
VARBL													
CALM												5.3	
	11.0	31.4	41.6	10.1	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FURT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS JUN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)

 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	2.3	.8								7.8	6.7
NNE		.6	1.0									1.6	7.4
NE	.8	1.6	.4									2.9	4.8
ENE	.8	.4	1.4	.2								2.9	6.6
E	.6	2.1	1.8	.6								5.1	6.9
ESE	.4	1.4	2.5									4.3	6.7
SE	.6	3.7	2.1									6.4	6.0
SSE	.2	2.3	1.0	.2								3.7	6.7
S	.4	2.1	2.7									5.1	6.8
SSW	.2	3.1	2.9	.6								6.8	7.5
SW	.4	2.5	5.7	.6								9.2	7.8
WSW	.8	3.5	5.3	.8								10.5	7.4
W	1.2	3.3	6.4	2.3								13.1	6.1
WNW	.2	1.0	2.9	1.4								5.5	8.9
NW		1.8	1.6	.8								4.3	7.6
NNW	.4	1.4	1.2	1.2								4.3	8.0
VARBL													
CALM												6.4	
	8.6	34.1	41.3	9.7								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 487

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-53, 74-76 YEARS JUN MONTH

CLASS ALL WEATHER

CONDIT-I-O-N

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.0	.3	.3								5.8	4.6
NNE	.3	.8	1.1									2.2	6.0
NE	.6	1.4	.8									2.8	5.7
ENE		.8	1.1									1.9	6.9
E	1.7	2.2	.8									4.7	4.5
ESE		2.8	.6									3.3	5.6
SE	.6	3.0	1.7									5.3	5.3
SSE	1.1	3.3	1.4									5.8	5.4
S	.8	1.4	2.2	.3								4.7	6.9
SSW	.6	2.8	2.5	.3								6.1	6.7
SW	1.7	6.6	5.0	.6								13.9	6.4
WSW	1.4	4.2	3.3	.3								9.1	6.1
W	1.7	3.0	4.2	1.7								10.3	7.0
WNW	.6	2.2	1.1	.3								4.2	6.3
NW	.6	2.5	.8	.3								4.2	6.0
NNW	.3	2.5	1.4	.3								4.4	6.3
VARBL													
CALM												11.1	
	13.9	42.7	28.3	4.2								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 361

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS JUN MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.9										5.8	3.5
NNE		.8										.8	4.0
NE	1.6	.4	1.2									3.3	4.8
ENE	.4	.8										1.2	4.0
E	.8	1.6	.8									3.3	5.0
ESE	2.1	2.5										4.5	3.5
SE		.4	.4									.8	5.5
SSE	.4	1.2	.4									2.1	5.0
S	.8	2.5	.8									4.1	4.5
SSW	1.2	.8	1.2									3.3	5.8
SW	2.1	7.4	2.1									11.5	5.1
WSW	3.3	5.3	4.9									13.6	5.6
W	2.1	3.3	3.3	.4								9.1	5.6
WNW	.8	1.6	.4									2.9	5.1
NW	1.2	2.9	.4									4.5	4.6
NNW	1.2	.4	.8									2.5	4.3
VARBL													
CALM												26.7	
	21.0	35.0	16.9	.4								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 243

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FIRT DEVENS AAF MASS YEARS 62-63 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.2	1.6									7.5	4.5
NNE	.5	1.1										1.6	4.7
NE	1.6											1.6	2.7
ENE													
E	.5	1.1										1.6	4.0
ESE	.5											.5	3.0
SE		.5										.5	4.0
SSE	.5											.5	2.0
S	.5	2.7	.5									3.8	5.1
SSW	.5	1.1	.5	.5								2.7	6.8
SW	.5	4.3	2.2									7.0	5.2
WSW	2.2	2.2	1.6									5.9	5.2
W	5.4	5.4	2.2									12.9	4.6
WNW	.5	2.2	1.1									3.8	5.7
NW	3.8	.5	3.2									7.5	5.0
NNW	1.6	.5	.5									2.7	3.8
VARBL													
CALM												39.8	
	21.5	26.7	13.4	.5								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,76 YEARS JUL MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.4	.4									3.0	3.7
NNE	1.7	.4	1.3									3.4	5.1
NE	1.3	.4										1.7	3.3
ENE													
E	.9	.9										1.7	3.8
ESE	.4	.4										.9	4.0
SE													
SSE													
S	.9	2.6	.9									4.3	4.5
SSW	1.3	1.7										3.0	3.7
SW	2.6	4.3	2.6									9.4	5.2
WSW	1.7	1.7	.9									4.3	4.6
W	6.0	4.7	.9									11.6	3.7
WNW	2.6	1.3	1.7									5.6	4.5
NW	1.7	.9	1.3									3.9	5.4
NNW	1.3	1.3	.9									3.4	5.0
VARBL													
CALM												43.8	
	24.5	21.0	10.7									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 FORT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.0	1.1	.4								8.5	4.8
NNE	1.1	.9	.2									2.3	3.9
NE	.8	1.1	.2									2.1	4.4
ENE	.6	.6	.2									1.3	4.4
E	.8	.6										1.3	3.3
ESE	.2	.4										.6	4.0
SE	.4											.4	3.0
SSE	.8	.2	.2									1.1	3.3
S	3.4	2.8	.4									6.6	3.7
SSW	1.7	3.2	.6									5.5	4.3
SW	1.5	3.0	1.9	.4								6.8	5.6
WSW	1.7	2.1	1.1									4.9	4.7
W	1.5	4.6	1.5									7.6	5.1
WNW	1.3	2.3	1.3	.4								5.3	5.9
NW	.8	2.7	1.5	.2								5.1	6.0
NNW	.8	.8	1.3	.2								3.0	6.4
VARBL													
CALM												37.4	
	20.3	29.2	11.6	1.5								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 527

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FORT DEVENS AAF MASS 61-63,74-76 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.0	2.8	1.3								9.1	7.2
NNE	.8	3.4	1.1	.2								5.5	5.9
NE	.6	2.5	.6									3.6	5.1
ENE	1.1	1.7	.4									3.2	4.4
E	1.1	2.5	.2	.2								4.0	4.5
ESE	.8	1.5										2.3	3.9
SE	1.3	1.1	.8									3.2	4.3
SSE	.2	.6	.2									.9	5.8
S	1.1	3.6	.8	.4								5.9	5.5
SSW	.8	2.7	1.5									4.9	5.5
SW	1.3	3.6	3.4	.6								8.9	6.7
WSW	.6	2.1	2.7	.2								5.5	6.7
W	1.3	4.4	4.7	.8								11.2	6.8
WNW	.2	3.6	3.4	.4								7.6	7.1
NW	.6	2.7	2.5	.6								6.2	6.8
NNW	.4	3.0	2.3	.9								6.6	7.1
VARBL													
CALM												11.4	
	13.1	42.8	27.3	5.5								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 528

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63,74-76 MONTH JUL
 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	.6	3.1	3.3	2.3								9.3	7.8
NNE	.8	.8	.8	.4	.2							2.9	7.1
NE	.8	1.9	1.0									3.7	5.7
ENE	.4	.6	.2									1.2	4.5
E	1.2	1.0	.6	.2								2.9	4.7
ESE	.4	1.2	.6									2.1	5.5
SE	.6	2.9	1.6	.2								5.2	5.8
SSE	.4	.4	.8	.2								1.7	6.3
S	1.6	2.3	1.7	.4								6.0	6.1
SSW	.6	2.5	4.1	.4								7.6	7.0
SW	.6	4.1	4.7	.8								10.1	7.3
WSW	.8	2.9	3.1	.8								7.6	7.0
W	1.0	4.1	7.4	1.7								14.2	7.7
WNW	.2	1.9	5.2	.4								7.8	7.7
NW	.4	2.1	5.0	.8								8.3	7.8
NNW	.4	1.4	2.3	1.0								5.0	8.1
VARBL													
CALM												4.3	
	10.5	33.2	42.3	9.5	.2							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 515

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FLEET DEVELS AAF MASS STATION NAME 61-62, 74-76 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	.6	2.6	2.8	1.8								7.9	7.9
NNE	.4	1.0	1.4	.8								3.6	7.6
NE	.4	.8	.4									1.6	5.0
ENE	.8	.6	.8									2.2	5.3
E	.8	1.6	2.0	.2								4.6	6.0
ESE	.6	2.0	1.6									4.2	6.0
SE	.4	1.4	.4									2.2	5.5
SSE	.3	1.4	1.2	.4								3.8	6.4
S	.6	1.4	2.0	.8								4.8	7.1
SSW	.6	2.2	3.8	.8								7.5	7.8
SW	.8	3.2	6.1	.8								10.9	7.1
WSW	1.0	2.8	3.6	.2	.2							7.9	7.0
W	1.4	5.1	6.7	1.6	.2							14.9	7.2
WNW		1.4	3.6	.6								5.7	8.3
NW	.6	2.8	3.6	.8								7.9	7.1
NNW	.2	1.2	3.4	.6								5.5	7.8
VARBL													
CALM												4.6	
	10.1	31.7	43.6	9.5	.4							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH JUL
 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	5.7	3.3	.3								9.5	6.1
NNE	.3	1.2	.6	.3								2.4	6.8
NE	1.2	1.2	.6									3.0	4.5
ENE	.3											.3	2.0
E	1.5	2.1	.3									3.9	3.8
ESE	.3	1.5	.6									2.4	5.8
SE	.9	1.8	.6									3.3	5.2
SSE	.9	2.1	.6									3.6	4.8
S	.9	2.4	3.6									6.8	6.7
SSW	.9	2.1	1.8	.6								5.4	6.8
SW	1.2	4.2	5.1	.9								11.3	6.7
WSW	2.1	2.4	3.9									8.3	5.8
W	3.0	3.9	3.3	.6		.3						11.0	6.0
WNW		3.0	1.5									4.5	6.0
NW	1.5	3.0	3.0	.3								7.7	6.3
NNW	.6	2.1	1.2	.3								4.2	6.3
VARBL													
CALM												12.5	
	15.8	38.4	29.8	3.3		.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 336

DATA PROCESSING ORG C-
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT REVERES AAF MASS YEARS 61-62 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.1										7.0	3.1
NNE	.9	2.2										3.1	4.0
NE	.9											.9	2.5
ENE	1.3											1.3	2.3
E	1.8	.9	.4									3.1	3.7
ESE	.4	1.8										2.2	4.4
SE	1.3	.9										2.2	3.4
SSE	.4	.9	.4									1.8	4.8
S	2.2	.4										2.6	3.0
SSW		2.6	1.8	.9								5.3	7.2
SW	.9	2.2	3.9									7.0	6.1
WSW	2.6	3.1	3.1									8.8	5.3
W	1.3	6.6	2.2									10.1	5.4
WNW	1.8	2.6	.4									4.8	4.5
NW	1.3	3.1	1.8									6.1	5.2
NNW	1.3	.4	.4	.4								2.6	5.5
VARBL													
CALM												31.1	
	22.4	30.7	14.5	1.3								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 228

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 FORT LEVENS AAF MASS STATION NAME 42-63.76 YEARS AUG MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.1										3.7	2.9
NNE	1.6	.5	3.2									5.3	5.8
NE	.5		2.1									2.7	6.6
ENE													
E	1.1	.5	1.6									3.2	5.5
ESE	.5		.5									1.1	4.5
SE	.5	.5	.5									1.6	5.3
SSE		.5										.5	6.0
S	1.6	2.7										4.3	3.8
SSW	.5	2.7	1.1									4.3	5.4
SW	2.7	5.3	1.6									9.6	4.7
WSW	3.2	2.7	2.1									8.0	4.6
W	2.7	5.3	1.6									9.6	4.6
WNW	1.1	1.6	.5									3.2	5.0
NW	1.1	1.6	1.1									3.7	5.4
NNW	.5											.5	2.0
VARBL													
CALM												38.8	
	20.2	25.0	16.0									100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-62,76 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.0	.4									4.7	4.5
NNE	.9		.9	.4								2.1	6.6
NE	.4	.4	2.1									3.0	6.7
ENE													
E	.4		.4	.4								1.3	7.7
ESE	.9		.9	.4								2.1	7.0
SE													
SSE													
S	.9	1.7										2.6	4.2
SSW	1.2	4.3										5.6	3.9
SW	2.1	5.2	.9									8.2	4.7
WSW	4.7	1.3	.9									6.9	3.6
W	2.1	2.1	1.7									6.0	4.9
WNW	.4	.4	1.3									2.1	6.8
NW		1.3	.4									1.7	6.5
NNW	1.7	1.3										3.0	3.3
VARBL													
CALM												50.6	
	17.2	21.0	9.9	1.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH AUG
 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	2.3	3.6	.8									6.6	4.2
NNE	.9	1.7	1.3	.2								4.2	5.7
NE	.4	.6	1.3									2.3	6.9
ENE			.4									.4	9.0
E	.8	.4	.2									1.3	3.9
ESE		.2										.2	4.0
SE	.4											.4	2.0
SSE	.2	.4		.2								.8	6.3
S	1.9	2.1	.6	.2								4.7	4.5
SSW	2.3	2.3	.4									4.9	3.8
SW	1.7	3.6	.9									6.2	4.8
WSW	1.7	.8	1.5	.2								4.2	5.5
W	1.5	2.3	1.7									5.5	5.3
WNW	.8	1.5	.2									2.5	4.8
NW	.9	1.1	1.1									3.2	5.7
NNW	.8	1.1	.6	.4								2.8	5.8
VARBL													
CALM												50.0	
	16.4	21.5	10.9	1.1								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 530

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH AUG
 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	2.4	6.5	4.1	.6								13.6	6.1
NNE	1.3	2.2	1.7	.4								5.6	6.2
NE	1.5	2.4	1.3	.2								5.4	5.6
ENE	.7	.9	.4									2.1	5.1
E	.7	1.5	.6									2.8	5.3
ESE		.6										.6	5.3
SE		.6	.2									.7	5.3
SSE	.7	.2										.9	2.8
S	1.1	2.4	.7	.2								4.5	5.5
SSW	.9	1.7	1.7	.4								4.7	6.2
SW	1.7	3.7	2.2	1.3								9.0	6.7
WSW	.7	2.8	2.2	.6								6.4	6.4
W	1.7	2.8	3.7	.6								8.8	6.7
WNW	.9	1.3	2.2	.4								4.9	6.9
NW	1.3	3.2	3.2	.4								8.0	6.3
NNW	1.5	2.1	2.1	.7	.4							6.7	7.1
VARBL													
CALM												15.3	
	17.4	35.0	26.4	5.6	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 535

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS AUG MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.8	4.8	.8	.4							11.5	7.1
NNE	.8	2.1	.8	.6								4.2	6.0
NE	.8	2.9	1.5									5.2	5.7
ENE	.8	1.3	.8									2.9	5.3
E	1.9	2.1	1.0									5.0	4.9
ESE	.8	1.2	.2	.2								2.2	5.4
SE		1.2	.4									1.8	5.5
SSE	.6	1.0		.2								1.7	4.9
S	1.0	1.7	1.2	.2								4.0	5.8
SSW	.4	2.9	1.5	1.0								5.8	7.2
SW	.2	1.9	4.8	1.0								7.9	8.2
WSW	.6	2.3	4.0	1.3	.2							8.5	8.3
W	.4	4.2	7.5	1.0								13.1	7.7
WNW	1.3	2.1	1.7	.8								6.0	6.5
NW	.4	1.7	2.9	.8								5.8	7.9
NNW	1.0	3.1	2.9	.8								7.7	6.9
VARBL													
CALM												6.9	
	12.5	35.6	36.0	6.5	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 520

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FBPT DEVERNS AAF MASS STATION NAME 61-63, 74-76 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	2.0	2.8	2.8	.8	.4							8.8	7.0
NNE	.2	1.4	.6	.4								2.6	6.4
NE	1.4	.8	1.6									3.8	5.2
ENE	1.0	2.4	1.0									4.4	5.1
E	1.6	.8	2.0									4.4	5.5
ESE	1.0	1.6	1.2	.4								4.2	6.0
SE	.6	1.4	.8									2.8	5.6
SSE	.4	1.0	.8									2.2	5.8
S	1.4	1.6	2.4	.4								5.8	6.6
SSW	.6	3.4	1.4	1.0								6.4	6.9
SW	.4	1.8	3.6	1.4								7.2	8.3
WSW	1.2	2.4	4.0	.4								8.0	7.0
W	.4	4.8	6.4	1.6								13.2	7.8
WNW		2.0	2.6	.4								5.0	7.1
NW	.6	3.2	2.4	1.6								7.8	7.4
NNW	.6	1.0	2.8	1.2	.2	.2						6.0	9.3
VARBL													
CALM												7.4	
	13.4	32.4	36.4	9.6	.6	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME EDRT DEVEN'S AAF MASS YEAR 61-63, 74-76 MONTH AUG
 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	.6	3.5	2.1	1.2								7.4	6.8
NNE	.6	.3	.6	.6								2.1	7.1
NE	.6	.9	.6	.3								2.4	6.0
ENE		1.5	.6									2.1	5.9
E	1.5	1.2	.9									3.5	4.5
ESE	1.2	1.2										2.4	3.6
SE	.9	2.6	1.5									5.0	5.1
SSE	.6	2.1	.3									2.9	5.0
S	2.1	2.1	1.2									5.3	4.3
SSW	1.9	2.1	2.4	.3								6.5	6.2
SW	1.2	4.1	5.0	1.8								12.1	7.3
WSW	1.8	3.2	.9	.3								6.2	5.3
W	4.4	6.2	2.6	.6								13.8	5.0
WNW	.6	1.8	.6									2.9	5.4
NW	.6	2.9	1.8	.3								5.6	6.4
NNW	.9	1.5	1.5									3.8	5.8
VARBL													
CALM												16.2	
	19.1	37.1	22.4	5.3								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 340

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 NAME ELRT DEVEDS AAF MASS YEARS 61-63,76 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	1.3	.4								4.7	5.9
NNE	.9	.4	1.7									3.0	6.3
NE	.4	.9	1.3									2.6	6.3
ENE		.4	1.3									1.7	7.5
E	.4	1.3										1.7	4.3
ESE	.9		.4									1.3	5.0
SE	1.3	.4										1.7	3.0
SSE	1.3											1.3	2.7
S		.9										.9	4.0
SSW	.4	2.6	2.6									5.5	6.5
SW	2.1	8.9	3.0	.4								14.5	5.5
WSW	3.0	3.0										6.0	3.7
W	1.3	4.7	3.0									8.9	5.7
WNW	.4	.4	.9									1.7	5.5
NW	1.3	2.1	1.3									4.7	5.0
NNW	.9	1.3	.9	.4								3.4	6.1
VARBL													
CALM												36.6	
	15.7	28.9	17.4	1.3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 235

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS 61-63 YEARS SEP MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.2										5.4	3.4
NNE	.5		1.1									1.6	5.7
NE	.5	1.6	1.1	1.6								4.8	8.1
ENE													
E	3.2	1.1	1.1									5.4	4.0
ESE													
SE	2.2											2.2	2.0
SSE			.5									.5	7.0
S		2.7	2.2									4.8	6.0
SSW	1.6	3.2	1.6									6.5	5.2
SW	2.7	1.1	3.2									7.0	5.6
WSW	.5	.5	.5									1.6	5.3
W	3.8	1.1	2.2									7.0	4.6
WNW			1.1									1.1	9.0
NW	.5		.5									1.1	6.5
NNW	.5	.5										1.1	3.0
VARBL													
CALM												50.0	
	19.4	14.0	15.1	1.6								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63,74,76 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	.4	.9									2.6	4.8
NNE	1.7	.5	.9									3.4	4.1
NE		.9	.9	.9								2.6	8.3
ENE	.4	.9		.4	.4							2.1	8.8
E	1.7		.4	.4	.4							2.6	5.0
ESE													
SE	1.7		.4									2.1	3.6
SSE													
S	1.3	.9	1.3									3.4	5.4
SSW	1.3	2.1	1.7									5.2	4.9
SW	2.6	3.4	2.6									8.6	5.1
WSW	1.3	1.3										2.6	3.0
W	2.6	1.3	.4									4.3	3.6
WNW	1.3	1.7	1.3									4.3	4.9
NW		.4	2.1									2.6	7.8
NNW	.9	1.3	.4									2.6	5.0
VARBL													
CALM												51.1	
	18.0	15.5	13.3	1.7	.4							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME EGPT DEWENS AAF MASS YEARS 61-63,74-76 MONTH 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	2.3	2.3	.4	.2								5.3	4.3
NNE	1.8	.8	.6	.2								3.3	4.5
NE	.4	2.1	1.0	.2								3.7	6.3
ENE	.4	.6	.4	.2	.6							2.1	9.3
E	1.2	.6	.2									1.9	3.8
ESE													
SE	.8											.8	2.5
SSE													
S	1.0	1.2	.8									2.9	5.1
SSW	2.9	.2	.6									3.7	3.3
SW	2.9	2.9	.6	.2								6.6	4.3
WSW	2.7	1.8	.4	.2								5.1	4.1
W	1.8	3.1	1.2									6.0	4.6
WNW	.4	1.6	1.2	.8								3.9	6.9
NW	1.2	1.6	1.6	.2								4.5	5.7
NNW	.8	1.4	.8									2.9	5.5
VARBL													
TOTL												47.2	
	20.5	20.1	9.6	2.1	.6							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FDPT DEVERNS AAF MASS STATION NAME 51-63, 74-76 YEARS SEP MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	3.2	.8								8.5	6.6
NNE	.8	2.2	1.6	.2								4.7	6.1
NE	1.6	2.4	1.2	.4								5.5	5.3
ENE	.8	1.0	1.0	.2	.6	.4						3.9	9.8
E	1.0	.6	2.2									3.7	6.5
ESE	.4	.4	.6									1.4	5.3
SE	.6	.6	.6									1.8	4.9
SSE	1.6	.6	.6	.2								3.0	4.5
S	1.8	2.2	2.0	.4	.2							6.5	6.1
SSW	2.4	2.4	2.6	.2								7.5	5.5
SW	1.0	2.4	1.8	.2								5.3	5.6
WSW	.6	2.0	1.2	.4								4.1	6.4
W	1.4	4.1	3.6	.8								9.9	6.5
WNW	.4	1.4	4.1	1.4	.2							7.5	8.8
NW	.2	2.0	4.9	1.0								8.1	8.2
NNW	1.0	1.0	1.4	.4								3.7	6.3
VARBL													
CALM												14.8	
	17.2	27.8	32.3	6.5	1.0	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FBRT DEWENS AAF MASS 61-63,74-76 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.2	1.8	.4								7.0	6.4
NNE	.6	1.4	1.2									3.2	5.6
NE	.8	1.6	1.4									3.8	5.9
ENE	.8	1.0	1.8	.8	.2							4.6	8.5
E	1.2	2.0	2.4	.2								5.8	6.3
ESE	.4	.4	.4									1.2	5.0
SE	.6	1.2	1.0	.2								3.0	5.7
SSE	.8	1.2	.6									2.6	4.8
S	1.6	4.0	3.4	.4	.2							9.7	6.4
SSW	1.8	2.8	4.2	.4	.2							9.5	6.9
SW	1.0	3.8	5.6	.4								10.9	6.9
WSW	.4	1.4	2.0	.2								4.0	7.3
W	.8	2.2	4.2	1.4								8.7	7.6
WNW		.6	3.2	1.2								5.0	9.2
NW	.2	1.4	3.8	1.8								7.2	8.9
NNW	.6	1.4	3.6	.2								5.8	7.6
VARBL													
CALM												7.8	
	12.3	30.8	40.8	7.6	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 497

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 04779 STATION NAME: FORT DEVENS AAF MASS YEARS: 61-63, 74-76 MONTH: 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	.8	2.5	1.3	.2								4.8	5.4
NNE	.4	1.3	1.3	.2								3.2	6.2
NE	.6	1.7	1.7									4.0	6.0
ENE	.8	1.1	.8	.4	.2							3.4	7.5
E	1.9	2.3	1.3		.2							5.7	5.4
ESE	.4	1.7	.6									2.7	5.2
SE	1.5	2.7	1.1									5.3	4.8
SSE	.8	1.1	1.5	.2								3.6	5.9
S	1.9	2.3	1.5	.2								5.9	5.0
SSW	2.1	3.8	2.6	.4								9.9	6.2
SW	1.5	3.6	3.6	.6	.2							9.5	6.7
WSW	1.3	1.9	1.7	.2	.2							5.3	6.4
W	3.4	1.9	2.3	.8								8.4	5.7
WNW	1.1	1.1	3.8	.2								6.1	7.0
NW	1.3	1.7	4.6	.4								8.0	7.0
NNW	.2	2.1	2.7	.2								5.3	6.9
VARBL													
CALM												9.1	
	20.0	32.6	33.3	4.2	.8							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 475

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 04779 STATION NAME: FORT DEVENS AAF MASS YEARS: 61-63, 74-76 MONTH: 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	2.8	1.9	.6	.3								5.7	4.4
NNE		.3		.6								.9	10.0
NE		.9		.6								1.6	8.4
ENE	.6			.6								1.3	7.0
E	2.5	2.2	.3	.3								5.4	4.2
ESE	2.2	.9										3.2	3.1
SE	3.2	2.8	.6									6.6	4.0
SSE	1.3	1.3										2.5	3.9
S	1.6	6.6	1.3									9.5	5.0
SSW	2.8	3.8	2.5	.6								9.8	5.3
SW	1.6	2.8	.9	.3								5.7	5.2
WSW	.9	3.5	.3	.6								5.4	5.6
W	2.2	2.8	1.3		.3							6.6	5.5
WNW	.6	1.3	1.3									3.2	5.5
NW	.9	2.5	1.3	.3								5.0	5.5
NNW	1.3	1.9	.3									3.5	4.2
VARBL													
CALM												24.3	
	24.6	35.6	10.7	4.4	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 317

DATA PROCESSING BRAC/CF
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 41-62,76 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	.9	1.4									5.9	4.2
NNE	.5	.5										.9	3.5
NE				.9	.5							1.4	15.3
ENE	.9	.5										1.4	3.0
E	3.2	2.7	.9	.9								7.7	4.9
ESE	.9											.9	2.5
SE	.5											.5	2.0
SSE	.5		.5									.9	6.0
S	3.6	2.3	2.3	.5								8.6	5.5
SSW	2.3	2.7	2.3									7.2	5.3
SW	2.7	2.7	.9									6.3	4.4
WSW	.9	.9	2.7									4.5	6.4
W	.5	2.7	2.3									5.4	5.9
WNW		.9										.9	4.5
NW	.5	2.3	.9									3.6	5.1
NNW	.9	1.4	.5									2.7	4.3
VARBL													
CALM												41.4	
	21.2	20.3	14.4	2.3	.5							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 222

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NO. 61-62 YEARS OCT MONTH
 0000-0200 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	.8	2.5	1.6								8.2	6.7
NNE	1.6	1.6	2.5									5.7	6.3
NE				2.5								2.5	13.0
ENE													
E													
ESE													
SE													
SSE													
S		1.6	.8									2.5	5.3
SSW	2.5	.8	2.5									5.7	5.1
SW	1.6	3.3	1.6	1.6								8.2	7.1
WSW		.8	.8									1.6	6.5
W	.8	4.9	.8	4.1								10.7	8.2
WNW		.8	2.5									3.3	7.8
NW	2.5	2.5	1.6	.8								7.4	5.9
NNW	4.9	1.6	.8	.8								8.2	4.4
VARBL													
CALM												36.1	
	17.2	18.9	16.4	11.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 122

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 PORT DEVENS AAF MASS

60-62,76

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.5	1.2									6.5	5.2
NNE	1.2	1.8	2.4									5.3	6.7
NE	.6	1.2	.6	2.4	.6							5.3	10.9
ENE			.6									.6	7.0
E			.6									.6	8.0
ESE													
SE	1.2											1.2	2.0
SSE													
S	2.9	.6	.6									4.1	3.7
SSW	1.2	2.4	.6									4.1	4.4
SW	.6	1.8	1.2	2.4								5.9	8.2
WSW	1.2	1.8	1.8									4.7	5.6
W	1.2	2.9	3.5	1.8								9.4	7.6
WNW	.6	.6	.6									1.8	5.7
NW	1.2	4.7	2.9									8.8	5.5
NNW	1.2	1.8	1.8									4.7	5.6
VARBL													
CALM												37.1	
	14.7	22.9	18.2	6.5	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

170

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62, 74-76 MONTH JCT
 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	3.7	3.2	1.6	.2								8.7	4.7
NNE	2.1	1.1	.9	.7								4.8	3.4
NE	.9	.9	.9									2.8	5.1
ENE	.5	.5	.9									1.8	6.5
E	.2	.5	.9	.2								1.8	7.3
ESE			.7									.7	9.3
SE	.2	.2										.5	3.5
SSE	.2											.2	3.0
S	2.3	1.4	.5									4.1	3.6
SSW	.7	2.3	.9									3.9	5.2
SW	2.1	2.1	2.3									6.4	5.6
WSW	1.6	2.1	1.4									5.0	5.4
W	.5	3.7	2.8	.7								7.6	6.4
WNW	1.1	1.8	.2	.2								3.4	4.5
NW	.5	1.6	1.4	.5								3.9	7.0
NNW	.9	1.8	2.8	.5	.2							6.2	6.9
VARBL													
CALM												38.1	
	17.4	23.2	18.1	3.0	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 436

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS MONTH OCT
 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	3.4	4.5	5.6	.7								14.1	6.2
NNE	.4	2.0	2.0	.4								4.9	6.9
NE	.4	1.8	2.5									4.7	6.5
ENE	1.1	.7	1.1									2.9	5.3
E	.9	.7	1.1	.4								3.1	6.4
ESE	.7	.4	.4	.2								1.8	5.9
SE	.2	.7										.9	4.5
SSE	.2	.2										.4	4.0
S	1.3	1.6	1.1									4.0	5.2
SSW	1.1	2.0	.4	.2								3.8	5.5
SW	1.1	.9	2.9	1.3								6.3	7.8
WSW	1.3	1.3	1.6	.7								4.9	6.3
W	1.1	2.0	4.3	1.3								8.7	7.6
WNW	.9	2.2	2.2	2.9	.2							8.5	8.6
NW	.2	2.0	3.1	1.6								7.0	8.6
NNW	.9	2.5	3.6	.4	.4							7.8	7.3
VARBL													
CALM												15.9	
	15.5	25.6	32.1	10.3	.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS OCT MONTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
 _____ CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.8	3.7	.7								6.6	7.3
NNE	1.1	1.4	1.6									4.1	5.2
NE	.7	.9	2.3	.5								4.3	7.1
ENE	.9	1.4	1.4	.5								4.1	6.9
E	.2	1.6	1.6	.2								3.7	6.9
ESE	1.4	.9	.2	.2								2.7	4.3
SE	.5		.2									.7	4.3
SSE	.2	.7										.9	4.8
S	.7	4.1	1.4									6.2	5.4
SSW	.2	3.2	1.6	.7								5.7	7.1
SW	.2	2.5	2.3	.5	.2							5.7	7.4
WSW		2.1	3.7	.9								6.6	7.7
W	.5	2.3	6.9	2.1								11.7	8.6
WNW		1.6	3.0	3.7	.2							8.5	10.2
NW	.5	3.0	6.4	3.2	.2							13.3	8.8
NNW	1.1	2.7	3.0	.9	.2							8.0	7.3
VARBL													
CALM												7.1	
	8.7	30.2	39.1	14.0	.9							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 437

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62,74-76 MONTH OCT
 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	.7	1.4	1.7	1.0								4.8	7.3
NNE	.7	1.2	.2	.2								2.4	5.2
NE	.7	1.0	2.1									3.8	6.3
ENE		1.0	.5	.5								1.9	8.0
E	1.4	2.1	.5									4.0	4.8
ESE	.7	.7	.7									2.1	5.6
SE	.5	1.4	.7									2.6	5.4
SSE	.7	1.9										2.6	4.0
S	.5	2.1	1.7	.5								4.8	6.9
SSW	1.4	2.4	1.4	.5								5.7	5.6
SW	1.2	1.7	1.9	1.2								6.0	7.0
WSW	1.2	2.9	.7	.7	.2							5.7	6.3
W	2.4	2.9	3.1	.5								13.8	7.2
WNW	.7	2.6	3.6	1.4								8.3	7.4
NW	1.4	4.5	4.5	2.1								12.6	7.5
NNW	1.4	2.1	2.1	.7								6.4	6.6
VARBL													
CALM												12.4	
	15.7	31.9	30.5	9.3	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 420

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
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	2.2	2.2	2.6	.4								7.5	5.9
NNE	.7											.7	2.5
NE	.7	.4	2.2	.4								3.7	7.5
ENE	1.5	1.1	1.1	.7								4.5	6.2
E	.7	.4										1.1	3.0
ESE	.4	2.2	.4									3.0	4.9
SE	1.1	1.1	.4									2.6	3.9
SSE													
S	.7	1.5		.4								2.6	5.4
SSW	1.1	1.5	1.9	.7								5.2	6.6
SW	1.9	1.5	1.5	.4								5.2	5.6
WSW	3.0	1.9	.7	.4								6.0	4.3
W	4.5	4.9	1.9									11.2	4.7
WNW	1.5	1.1	1.5	1.1								5.2	6.6
NW	1.1	1.1	.7	.7								3.7	6.6
NNW	.4	1.1	1.9	.4								3.7	7.6
VARBL													
CALM												34.0	
	21.6	22.0	16.8	5.6								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 268

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	1.2	3.6									9.5	5.2
NNE	2.4	.6	.6	.6								4.2	5.4
NE	.6	.6	1.2									2.4	5.5
ENE		3.0		1.2								4.2	7.1
E		1.2										1.2	5.0
ESE		.6	.6									1.2	7.0
SE													
SSE													
S	1.8		.6	.6								3.0	5.6
SSW	.6	1.2	1.2	1.2								4.2	7.0
SW	.6		1.2	.6								2.4	8.3
WSW	1.8	1.8	2.4	.6								6.5	6.0
W	1.8	2.4	3.6	1.2								8.9	6.9
WNW	1.2	1.2	1.8	.6								4.8	7.0
NW	1.2	3.6	3.0	1.2								8.9	6.5
NNW		3.6	1.2									4.8	5.3
VARBL													
CALM												33.9	
	16.7	20.8	20.8	7.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-62 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	3.3	6.1	3.3	1.7							19.4	8.3
NNE	.6	2.8	1.7									5.0	5.9
NE	1.7	.6		1.1								3.3	6.5
ENE	.6											.6	3.0
E	2.2											2.2	2.8
ESE													
SE		.6										.6	4.0
SSE	.6											.6	2.0
S	.6	.6	.6									1.7	5.3
SSW	1.7	2.8										4.4	3.4
SW	1.1	1.1	.6									2.8	4.2
WSW	.6		1.7									2.2	8.0
W	3.3	1.7										5.0	3.2
WNW	1.1	.6	2.8	.6								5.0	7.6
NW	1.7	1.7	2.2									5.6	5.5
NNW	2.2	3.9	4.4	.6								11.1	6.4
VARBL													
CALM												30.6	
	22.8	19.4	20.0	5.6	1.7							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FUPT DEVENS AAF MASS STATION NAME 60-62 YEARS NOV MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	6.0	2.2	4.4	1.1							16.5	7.9
NNE	2.2	3.8	2.2		.5							8.8	5.9
NE	1.1	3.3										4.4	4.3
ENE		1.1										1.1	5.5
E		.5										.5	4.0
ESE													
SE	1.1	.5										1.6	2.7
SSE													
S													
SSW	2.2	1.1	1.1									4.4	4.9
SW	1.1	2.7	1.1									4.9	5.3
WSW	.5	.5	1.1									2.2	6.5
W	1.6											1.6	2.3
WNW	1.1	.5	2.7	.5								4.9	7.7
NW	2.2	2.2	2.2	.5								7.1	6.0
NNW	2.7	3.3	1.6	1.1								8.8	6.1
VARBL													
CALM												33.0	
	18.7	25.8	14.3	6.6	1.6							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 182

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62, 74-76 MONTH ANY
 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	5.4	2.7	2.3	.5								10.9	4.6
NNE	.5	.9	1.1	.5	.2							3.2	8.1
NE	.2	1.1	.2									1.6	5.4
ENE	.2	.2	.9									1.4	7.2
E		.5	.5									.9	6.3
ESE	.5	.2	.2									.9	5.0
SE													
SSE													
S	1.1	1.1	.5	.2								2.9	4.9
SSW	3.6	1.1	.9									5.7	4.0
SW	1.4	2.0	2.0									5.4	5.5
WSW	1.1	1.6	2.0	.2								5.0	5.9
W	2.3	3.2	2.3									7.7	5.4
WNW	1.1	.9	1.4	.9	.2							4.5	7.9
NW	.7	.7	1.8	.7								3.8	7.6
NNW	.7	2.5	1.1	1.4	.2							5.9	8.0
VARBL													
CALM												40.3	
	18.8	18.8	17.2	4.3	.7							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 442

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 50-62,74-76 MONTH 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	2.5	3.7	3.5	1.9								11.7	6.8
NNE	1.4	3.5	1.9		.4							7.2	6.1
NE	.6	.6	1.0									2.1	5.9
ENE	.2	1.2	.6	.2								2.1	6.4
E	.2	1.0	.4	.2								1.8	6.3
ESE			.4									.4	8.5
SE		.2										.2	4.0
SSE	.4	.2										.6	3.3
S	.8	1.0	.6	.4								2.7	5.9
SSW	1.4	1.2	2.1	.2								4.9	6.4
SW	.6	1.8	2.3	.6								5.3	7.3
WSW	.8	2.3	1.9	1.4								6.4	7.2
W	1.4	2.5	7.6	1.8								13.3	7.8
WNW	.4	1.0	3.7	1.4	.4	.4						7.2	10.2
NW	.2	1.2	2.7	1.0								5.1	9.0
NNW	.6	1.6	2.3	1.2	1.0							6.6	9.5
VARBL													
CALM												22.4	
	11.3	22.8	31.2	10.1	1.8	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATION: 513

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 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	2.1	1.9	3.7	.8	.4							9.0	7.3
NNE	.8	1.4	1.9	.6								4.7	7.3
NE	.8	1.0	1.0	.4								3.1	6.7
ENE	1.8	1.4	.2									3.3	3.8
E	.6	1.0	.6	.2								2.3	6.1
ESE	.2	.2										.4	3.5
SE		.6		.2								.8	6.3
SSE	.8	.4		.2								1.4	4.6
S	.8	1.8	.8	.2								3.5	5.5
SSW	.4	.8	3.9	.4	.2							5.7	8.4
SW	.6	1.6	2.3	.8	.2							5.5	8.3
WSW	.6	1.0	1.8	2.1	.2							5.7	9.1
W	1.0	5.1	7.0	2.5	.2							15.8	8.0
WNW	.6	1.4	3.3	3.1	.8							9.2	10.3
NW	.8	1.9	5.3	2.9	.4							11.3	8.8
NNW	.6	1.8	2.7	1.8	.6							7.4	9.4
VARBL													
CALM												11.1	
	12.3	23.0	34.5	16.2	2.9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS NOV MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.0	4.0	1.4	.2							9.7	7.7
NNE	1.0	.6	1.2	.2								3.0	6.1
NE	1.0	1.0	.6	.4								3.0	6.1
ENE	.8	.6	.2									1.6	4.0
E	1.2	1.2	.4									2.8	4.0
ESE	.4	.4	.2									1.0	4.8
SE	.6	1.0	.2									1.8	4.1
SSE	.6	2.0										2.6	4.3
S	.8	2.2	.4	.2								3.6	5.1
SSW	1.0	2.4	2.6	.2								6.3	6.3
SW	2.0	1.8	3.4	.6								7.9	6.4
WSW	1.2	2.0	1.8	1.0								6.1	6.8
W	2.4	4.2	6.5	1.8								14.9	7.0
WNW	.2	2.2	3.2	1.0								6.7	8.1
NW	1.4	2.2	3.6	1.4	.2							8.9	7.7
NNW	.4	1.2	2.8	2.6	.4							7.5	10.3
VARBL													
CALM												12.5	
	17.2	27.3	31.3	10.9	.8							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS 60-62,74-76 YEARS 417V NORTH
 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	2.8	2.5	3.1	.5							11.7	7.8
NNE	1.3	.5	1.5	.3								3.6	6.0
NE	1.0	1.3	.8									3.1	5.3
ENE			.5	.3								.8	10.0
E		.5										.5	4.5
ESE	.3	.3										.5	3.0
SE	.8											.8	1.7
SSE		.8										.8	4.0
S	1.8	1.3	2.0									5.1	5.6
SSW	1.8	1.8	3.8									7.4	6.3
SW	.8	2.0	1.5	.8								5.1	6.8
WSW	2.0	2.3	2.3									6.6	5.2
W	1.8	3.1	3.1									7.9	6.0
WNW	.8	2.0	2.3	.5								5.6	6.7
NW	1.5	2.0	2.5									6.1	5.9
NNW	.8	2.0	2.8	.3								5.9	6.8
VARBL													
CALM												28.8	
	17.3	22.6	25.7	5.1	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 393

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS 60-62.75 YEARS 1960-1975 MONTH NORTH
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.8	5.3	3.6	.4							14.2	8.4
NNE	.8	1.2	.8									2.8	5.3
NE		1.6	.8	.8								3.2	7.5
ENE			.4									.4	10.0
E													
ESE													
SE													
SSE													
S	.8	.4	1.2									2.4	5.5
SSW	.0	1.6	2.4									6.1	5.5
SW	1.6	3.6	5.3									10.5	6.5
WSW	.4	2.4	.4									3.2	4.9
W	1.2	1.6	2.0									4.9	6.3
WNW	.4	1.6	.8	.4	.4							3.6	7.6
NW		2.4	1.2									3.6	5.8
NNW	2.0	2.4	2.4	.8								7.7	6.5
VARBL													
CALM												37.2	
	11.3	21.9	23.1	5.7	.8							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 247

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	3.7	1.6	1.1	.5	.5						10.1	7.4
NNE	.5		.5									1.1	5.0
NE	.5	.5	3.2									4.2	7.6
ENE	1.1	1.1	.5	1.1								3.7	6.7
E	1.6		.5									2.1	4.0
ESE													
SE													
SSE	.5											.5	2.0
S	1.6		1.6									3.2	5.7
SSW			1.1	1.1								2.1	11.0
SW	.5	.5	1.6									2.6	7.2
WSW	1.6	1.1	1.6									4.2	4.8
W	3.2	.5	3.7									7.4	5.7
WNW	2.6	1.1	2.6									6.3	5.7
NW	1.1	1.1	4.8	1.1								7.9	7.9
NNW	1.1	1.6	1.6	.5	.5							5.3	8.0
VARBL													
CALM												39.2	
	18.5	11.1	24.9	4.8	1.1	.5						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 189

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.8	1.6	2.1	.5	1.1						12.7	3.5
NNE	.5	1.1	.5									2.1	5.0
NE	2.1	1.1	2.0	.5								6.2	6.2
ENE	1.6	1.1	1.6	.5								4.8	6.4
E	.5	.5			1.1							2.1	12.0
ESE													
SE	.5	.5										1.1	3.5
SSE	.5											.5	3.0
S			1.1									1.1	9.0
SSW		.5	.5									1.1	6.5
SW	.5		1.1	.5								2.1	8.3
WSW	2.1	1.1	3.2	1.1								7.4	7.0
W	1.1	4.8	3.2	.5								9.5	5.6
WNW		.5	2.6									3.2	8.2
NW	1.6	.5	2.6	.5								5.1	6.9
NNW		3.2	2.1	1.1								6.2	7.9
VARBL													
CALM												34.4	
	13.8	19.6	22.8	6.9	1.6	1.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 189

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 50-62,74-76 YEARS DEC MONTH
 0600-0800 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.1	1.1	1.6	.2	.4						9.4	7.3
NNE	.9	1.3	.9	.2								3.4	5.2
NE	.2	1.3	1.6	.4								3.6	7.6
ENE	.4	.2	.4	.2	.2							1.6	8.7
E	.4			.4	.4							1.3	11.2
ESE													
SE	.2											.2	1.0
SSE	.4											.4	2.5
S	.9	.4	1.3	.2								2.9	6.2
SSW	.7	1.1	.4	.4								2.7	6.2
SW	1.1	1.6	.9	.2								3.8	5.4
WSW	2.0	1.3	1.3	.4								5.1	5.5
W	2.2	2.0	3.4	.4								8.1	6.3
WNW	.9	2.7	2.2	.4	.2							6.5	7.2
NW	1.8	1.8	2.5	.2								6.3	5.9
NNW	.7	1.8	.2									2.7	4.6
VARBL													
CALM												42.1	
	15.9	18.8	16.3	5.4	1.1	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 447

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DFC 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	1.7	2.5	2.9	1.7	.2							9.1	7.2
NNE	1.0	2.7	1.6	.2								5.4	5.8
NE	1.2	.4	1.4	.2								3.1	6.2
ENE		.4	.2	1.0	.2							1.7	10.8
E	.4	.2	.4	.2	.6							1.7	11.1
ESE	.2											.2	2.0
SE	.2		.2									.4	5.5
SSE	.6		.6									1.2	6.5
S	1.2	1.4										2.5	3.7
SSW	1.9	1.0	1.0	.2								4.1	4.6
SW	.6	1.4	1.6	.6	.4							4.5	7.9
WSW	.8	1.6	2.7	.8								5.8	7.4
W	.8	3.7	4.1	1.6								10.1	7.7
WNW	.8	2.3	4.5	1.0								8.5	7.8
NW	.6	1.9	3.5	1.7								7.8	8.5
NNW	.6	1.0	2.5	.4								4.5	7.6
VARBL													
CALM												29.5	
	12.4	20.3	26.9	9.5	1.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 516

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779
STATION

FORT DEVELS AAF MASS
STATION NAME

60-62,74-76
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.4	3.6	1.8		1.2						11.1	9.3
NNE	1.4	2.2	.6		.6							4.8	6.4
NE	1.4	1.4	.4	.4								3.6	5.3
ENE	1.0	1.0	1.0	.4								3.4	6.5
E	.6	.6	.4	.4								2.0	6.7
ESE			.2	.2								.4	12.0
SE		.4										.4	4.5
SSE	.4	.6	.8		.2							2.0	6.8
S	1.2	2.2	1.0	.4								4.8	5.8
SSW	.8	1.2	2.6	.2								4.8	6.7
SW	1.8	1.4	2.4	1.2	.2							6.9	7.6
WSW	.6	1.4	3.4	.4								5.7	7.4
W	.4	3.2	4.6	2.8	.2							11.1	8.9
WNW	.2	1.2	5.9	1.0	.2							8.5	8.8
NW	.8	2.6	4.8	2.6	.4							11.1	9.1
NNW	.2	1.8	2.8	1.2	.2							6.1	8.6
VARBL													
CALM												13.5	
	11.9	24.4	34.3	12.9	2.0	1.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

505

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/NAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62, 74-76 MONTH DEC
 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	1.3	3.0	2.5	1.3	.6	.2						8.9	8.4
NNE	1.1	1.1	.8	.2	.2							3.4	6.6
NE	1.3	1.3		.4								3.0	5.1
ENE	.8	1.1	.4	.6								3.0	6.5
E		.2	.4		.4							1.1	11.6
ESE	.4	1.1		.2								1.7	5.6
SE	.8	.2	.2									1.3	4.0
SSE	1.5	.8	.6									3.0	4.2
S	1.9	1.7	.8									4.4	4.5
SSW	1.3	1.5	1.7									4.4	5.7
SW	2.3	2.1	.8	1.3								6.6	6.0
WSW	1.1	2.3	1.7	.2								5.3	5.9
W	1.7	5.1	3.6	3.0								13.3	7.5
WNW	1.5	.8	4.2	1.5								8.1	8.0
NW	1.1	.8	5.3	1.9								9.1	8.4
NNW	.8	3.0	3.0	.2		.2						7.2	7.0
VARBL													
CALM												16.3	
	18.9	26.1	26.3	10.8	1.3	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 472

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62,74-76 MONTH DEC
 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	2.1	4.0	3.4	.8	.5							10.8	6.8
NNE	.5	1.1	.3	.3								2.1	6.0
NE	1.1	1.3	.3									2.6	4.5
ENE		.5	1.1									1.6	7.0
E			.8	.3								1.1	8.8
ESE		.3	.3									.5	7.0
SE	.8	.5										1.3	3.4
SSE	.3	.5										.8	3.7
S	.8	2.4	.8		.3							4.2	5.9
SSW	1.8	2.1	3.2									7.1	5.6
SW	2.1	1.3		.5								4.0	4.9
WSW	1.3	2.6	1.6	.5								6.1	6.0
W	2.6	3.4	4.0	1.8								11.9	6.9
WNW	.5	.8	1.8	.8	.3							4.2	8.6
NW	2.6	2.4	3.7	.3								9.0	5.9
NNW	1.3	1.3	1.1	.3	.3							4.2	6.1
VARBL													
CALM												28.5	
	17.9	24.5	22.2	5.5	1.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 379

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 FORT DEVENS AAF MASS 60-62,75 DEC
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	1.2	1.2								4.7	7.4
NNE	.8	.8	1.2									2.8	5.3
NE		.4	2.4									2.8	8.0
ENE		1.2	.4	.4								2.0	7.0
E		.8	.6									1.6	6.5
ESE													
SE													
SSE	.4											.4	2.0
S	1.2	1.6	1.2	.8								4.7	6.7
*SW	.8	2.0	1.6									4.3	6.3
SW	.4	1.6	.8	1.6								4.3	8.1
WSW	1.6	2.4	1.6									5.5	5.7
W	.8	3.2	3.2	1.2								8.2	7.0
WNW	.4	1.2	2.8	.4	.4							2.1	8.2
NW	.4	2.4	5.1									7.9	7.3
NNW	.8	4.0	2.4	1.2	.8							9.1	8.2
VARBL													
CALM	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	36.4	
	7.9	23.3	24.5	6.7	1.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 253

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-63,74-76 YEARS ALL MONTH

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	3.9	2.5	.5	.0	.1						9.9	5.7
NNE	1.9	3.6	2.7	.5	.0							8.8	6.0
NE	2.2	4.0	3.2	1.0	.0							10.5	6.4
ENE	1.0	3.1	3.1	1.1	.2	.0						9.2	7.2
E	2.0	3.3	3.7	1.0	.1							10.1	6.8
ESE	.8	1.1	.8	.4	.1							3.1	6.6
SE	.8	1.1	.6	.2	.0							2.7	5.6
SSE	.6	.7	.4	.1	.0							1.8	5.3
S	1.4	1.9	1.1	.2								4.6	5.4
SSW	.9	1.4	.8	.2	.0							3.3	5.8
SW	.6	1.3	.9	.6								3.4	6.9
WSW	.7	.9	.8	.2								2.5	5.9
W	.8	.5	.5	.1	.0	.0						2.0	5.7
WNW	.3	.1	.2	.0								.6	5.2
NW	.3	.4	.4	.0	.0							1.2	6.2
NNW	.8	.9	.3	.0	.1	.0						2.3	5.7
VARBL													
CALM												23.9	
	18.7	28.2	22.1	6.1	.8	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 4475

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	≥ 0	
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVENS AAF MASS
STATION NAME

0-3,74-76
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS IN DAY

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.2	48.6	49.5	50.0	50.4	50.5	51.5	50.7	50.7	50.8	50.9	50.9	51.2	51.2	51.4	51.5
≥ 20000	47.7	55.5	56.6	57.1	57.5	57.7	57.8	58.0	58.0	58.1	58.2	58.2	58.5	58.6	58.7	58.8
≥ 18000	47.3	55.6	56.7	57.2	57.7	57.8	58.0	58.1	58.1	58.2	58.3	58.4	58.6	58.7	58.8	59.0
≥ 16000	47.9	55.6	56.7	57.3	57.7	57.9	58.0	58.1	58.2	58.3	58.4	58.4	58.7	58.7	58.9	59.0
≥ 14000	48.3	56.1	57.2	57.8	58.2	58.4	58.5	58.7	58.7	58.8	58.9	59.0	59.2	59.3	59.4	59.5
≥ 12000	49.4	57.6	58.8	59.3	59.8	60.0	60.1	60.2	60.3	60.4	60.5	60.5	60.8	60.9	61.0	61.1
≥ 10000	51.8	60.9	62.1	62.8	63.3	63.6	63.7	63.8	63.9	64.0	64.1	64.1	64.4	64.5	64.6	64.8
≥ 9000	52.5	61.7	63.0	63.7	64.2	64.5	64.6	64.8	64.8	64.9	65.0	65.1	65.3	65.4	65.5	65.7
≥ 8000	54.5	64.4	65.8	66.6	67.2	67.5	67.7	67.8	67.8	68.0	68.1	68.2	68.4	68.5	68.6	68.7
≥ 7000	55.8	66.2	67.7	68.6	69.2	69.5	69.7	69.8	69.8	70.0	70.1	70.1	70.4	70.5	70.6	70.7
≥ 6000	56.3	67.0	68.6	69.4	70.0	70.3	70.5	70.7	70.7	70.8	70.9	71.0	71.2	71.3	71.4	71.6
≥ 5000	57.5	68.7	70.3	71.2	71.8	72.1	72.3	72.5	72.5	72.7	72.8	72.8	73.1	73.2	73.3	73.4
≥ 4500	58.1	69.4	71.0	71.9	72.5	72.9	73.1	73.3	73.3	73.4	73.5	73.6	73.8	73.9	74.0	74.2
≥ 4000	60.2	72.1	73.8	74.7	75.4	75.8	76.0	76.2	76.2	76.3	76.4	76.5	76.7	76.8	77.0	77.1
≥ 3500	61.4	73.7	75.4	76.5	77.2	77.5	77.8	77.9	78.0	78.1	78.2	78.2	78.5	78.6	78.7	78.9
≥ 3000	63.3	76.6	78.5	79.6	80.4	80.8	81.1	81.3	81.3	81.5	81.6	81.6	81.9	82.0	82.1	82.3
≥ 2500	64.4	78.6	80.6	81.8	82.7	83.1	83.4	83.7	83.7	83.9	84.0	84.1	84.4	84.4	84.6	84.7
≥ 2000	64.9	79.3	82.0	83.3	84.4	84.8	85.2	85.4	85.5	85.7	85.8	85.8	86.1	86.2	86.4	86.5
≥ 1800	65.0	80.0	82.2	83.6	84.6	85.1	85.5	85.7	85.8	86.0	86.1	86.1	86.4	86.5	86.7	86.8
≥ 1500	65.2	80.8	83.2	84.7	85.9	86.4	86.9	87.2	87.2	87.4	87.6	87.6	87.9	88.0	88.1	88.3
≥ 1200	65.5	81.5	84.1	85.7	87.0	87.6	88.1	88.4	88.5	88.7	88.8	88.9	89.2	89.3	89.4	89.6
≥ 1000	65.6	82.0	84.7	86.4	87.9	88.6	89.2	89.5	89.7	90.0	90.1	90.2	90.5	90.6	90.7	90.9
≥ 900	65.6	82.2	85.0	86.8	88.4	89.1	89.8	90.2	90.3	90.6	90.8	90.8	91.1	91.2	91.4	91.5
≥ 800	65.7	82.4	85.4	87.3	89.0	89.8	90.6	91.1	91.3	91.6	91.6	91.8	92.2	92.3	92.4	92.6
≥ 700	65.7	82.6	85.7	87.7	89.7	90.6	91.5	92.2	92.3	92.7	93.0	93.0	93.4	93.5	93.6	93.8
≥ 600	65.7	82.8	85.9	88.1	90.2	91.4	92.4	93.3	93.4	93.9	94.2	94.2	94.6	94.7	94.9	95.0
≥ 500	65.7	82.9	85.1	88.4	90.9	92.3	93.5	94.6	94.8	95.4	95.7	95.7	96.3	96.4	96.5	96.7
≥ 400	65.7	82.9	86.2	88.6	91.2	92.7	94.2	95.4	95.6	95.4	95.9	96.0	97.0	97.5	97.8	98.0
≥ 300	65.7	82.9	86.2	88.6	91.4	92.9	94.5	95.9	96.1	97.0	97.6	97.8	98.4	98.6	98.8	99.0
≥ 200	65.7	82.9	86.2	88.6	91.4	93.0	94.6	96.0	96.2	97.2	97.9	98.0	98.8	99.0	99.3	99.5
≥ 100	65.7	82.9	86.2	88.6	91.4	93.0	94.6	96.0	96.2	97.2	97.9	98.0	98.9	99.1	99.5	99.7
≥ 0	65.7	82.9	86.2	88.6	91.4	93.0	94.6	96.0	96.2	97.2	97.9	98.0	98.9	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 34699

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.2	48.7	49.4	49.5	49.6	49.7	49.7	49.8	49.8	49.8	50.0	50.0	50.5	50.7	50.8	51.0
≥ 20000	50.7	57.9	58.8	59.0	59.2	59.3	59.3	59.4	59.4	59.6	59.7	59.7	60.3	60.5	60.6	60.7
≥ 18000	50.9	58.1	59.1	59.2	59.4	59.5	59.6	59.7	59.7	59.8	60.0	60.0	60.5	60.7	60.9	61.0
≥ 16000	51.1	58.3	59.1	59.4	59.6	59.7	59.7	59.9	59.9	60.0	60.1	60.1	60.7	60.9	61.0	61.1
≥ 14000	51.5	58.9	59.9	60.0	60.2	60.3	60.3	60.5	60.5	60.6	60.8	60.8	61.3	61.5	61.7	61.8
≥ 12000	52.5	60.1	61.0	61.2	61.4	61.5	61.5	61.7	61.7	61.8	61.9	61.9	62.5	62.7	62.8	62.9
≥ 10000	55.4	63.8	64.9	65.1	65.3	65.4	65.4	65.6	65.6	65.7	65.8	65.8	66.4	66.6	66.8	66.9
≥ 9000	56.2	64.8	65.9	66.1	66.4	66.5	66.5	66.7	66.7	66.8	66.9	66.9	67.5	67.7	67.8	68.0
≥ 8000	57.7	66.9	68.2	68.5	68.9	68.9	69.1	69.3	69.3	69.4	69.5	69.5	70.1	70.3	70.4	70.6
≥ 7000	58.5	68.3	69.6	69.9	70.3	70.4	70.6	70.8	70.8	70.9	71.0	71.0	71.6	71.8	71.9	72.0
≥ 6000	58.8	68.9	70.2	70.6	70.9	71.1	71.2	71.4	71.4	71.5	71.7	71.7	72.2	72.4	72.6	72.7
≥ 5000	59.2	70.0	71.4	71.7	72.2	72.3	72.4	72.6	72.6	72.7	72.9	72.9	73.5	73.7	73.8	73.9
≥ 4500	60.2	71.0	72.4	72.7	73.2	73.3	73.5	73.7	73.7	73.8	73.9	73.9	74.5	74.7	74.8	74.9
≥ 4000	63.0	74.7	76.4	76.8	77.3	77.6	77.7	77.9	77.9	78.1	78.2	78.2	78.8	79.0	79.1	79.2
≥ 3500	64.5	76.9	78.5	79.0	79.6	79.8	79.9	80.1	80.1	80.3	80.4	80.4	81.0	81.2	81.3	81.5
≥ 3000	66.0	79.5	81.3	81.7	82.3	82.7	83.0	83.2	83.2	83.4	83.6	83.6	84.1	84.3	84.5	84.6
≥ 2500	66.6	80.7	82.6	83.2	84.0	84.3	84.7	85.0	85.1	85.3	85.5	85.5	86.2	86.4	86.5	86.7
≥ 2000	66.9	81.6	83.8	84.6	85.4	85.8	86.2	86.5	86.6	86.8	87.1	87.1	87.8	88.1	88.2	88.3
≥ 1800	67.0	81.8	84.0	84.7	85.6	85.9	86.4	86.7	86.8	87.0	87.3	87.3	88.0	88.2	88.4	88.5
≥ 1500	67.2	82.4	84.7	85.5	86.5	86.9	87.4	87.8	87.9	88.1	88.4	88.4	89.2	89.4	89.6	89.7
≥ 1200	67.2	82.5	84.9	85.7	86.7	87.1	87.7	88.1	88.2	88.5	88.8	88.8	89.6	89.8	90.0	90.1
≥ 1000	67.2	82.7	85.2	86.0	87.1	87.6	88.4	88.9	89.0	89.4	89.7	89.7	90.5	90.7	90.9	91.0
≥ 900	67.3	82.7	85.3	86.2	87.4	87.9	88.7	89.2	89.4	89.8	90.2	90.2	91.0	91.2	91.3	91.4
≥ 800	67.3	82.8	85.4	86.4	87.6	88.3	89.1	89.8	90.0	90.5	90.9	91.0	91.7	92.0	92.2	92.3
≥ 700	67.3	82.8	85.5	86.5	88.1	89.0	90.0	90.8	91.0	91.7	92.1	92.1	93.0	93.3	93.5	93.6
≥ 600	67.3	83.0	85.8	86.8	88.6	89.7	90.8	91.8	92.0	92.8	93.2	93.2	94.1	94.4	94.6	94.7
≥ 500	67.3	83.0	85.8	86.8	89.2	90.4	91.9	93.0	93.2	94.2	94.6	94.6	95.5	95.8	96.2	96.3
≥ 400	67.3	83.0	85.8	86.8	89.3	90.7	92.6	93.8	94.1	95.3	96.2	96.2	97.1	97.4	97.8	98.0
≥ 300	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.0	94.3	95.8	96.7	96.7	97.7	98.0	98.5	98.7
≥ 200	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.1	94.4	95.9	96.8	96.9	98.0	98.4	98.8	99.4
≥ 100	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.1	94.4	95.9	96.8	96.9	98.1	98.4	98.9	99.8
≥ 0	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.1	94.4	95.9	96.8	96.9	98.1	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2653

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

61-63,74-76 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 11 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≤ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.5	47.8	48.3	48.3	48.4	48.6	48.6	48.6	48.6	48.7	48.9	49.0	49.5	49.7	49.9
≥ 20000	51.7	56.0	56.6	56.8	57.0	57.2	57.2	57.2	57.2	57.4	57.5	57.6	58.2	58.4	58.5
≥ 18000	51.6	56.1	56.7	56.9	57.1	57.3	57.3	57.4	57.4	57.5	57.6	57.7	58.3	58.5	58.6
≥ 16000	51.6	56.1	56.7	56.9	57.1	57.3	57.3	57.4	57.4	57.5	57.6	57.7	58.3	58.5	58.6
≥ 14000	51.7	56.4	57.0	57.2	57.4	57.6	57.6	57.7	57.7	57.8	57.9	58.0	58.6	58.8	58.9
≥ 12000	52.8	57.7	58.2	58.4	58.7	58.9	58.9	59.0	59.0	59.1	59.2	59.3	59.9	60.1	60.2
≥ 10000	55.2	60.6	61.2	61.5	61.9	62.1	62.1	62.1	62.1	62.2	62.4	62.5	63.1	63.3	63.4
≥ 9000	56.3	61.9	62.5	62.8	63.2	63.4	63.4	63.4	63.4	63.6	63.7	63.8	64.4	64.6	64.7
≥ 8000	58.6	64.9	65.7	66.0	66.4	66.6	66.6	66.6	66.6	66.8	66.9	67.0	67.6	67.8	67.9
≥ 7000	59.9	67.3	68.1	68.4	68.9	69.1	69.1	69.2	69.2	69.3	69.4	69.5	70.1	70.3	70.4
≥ 6000	60.4	67.9	68.7	69.1	69.5	69.8	69.8	69.8	69.8	70.0	70.1	70.2	70.8	71.0	71.1
≥ 5000	61.2	69.5	70.3	70.7	71.1	71.4	71.4	71.5	71.5	71.6	71.7	71.8	72.4	72.6	72.7
≥ 4500	61.6	70.3	71.2	71.5	71.9	72.2	72.2	72.3	72.3	72.4	72.5	72.7	73.2	73.4	73.6
≥ 4000	63.1	72.4	73.2	73.7	74.2	74.5	74.5	74.5	74.5	74.7	74.8	74.9	75.5	75.7	75.8
≥ 3500	63.7	73.5	74.4	74.9	75.4	75.7	75.7	75.8	75.8	75.9	76.1	76.2	76.8	76.9	77.1
≥ 3000	65.2	76.3	77.3	77.8	78.4	78.7	78.8	78.8	78.8	78.9	79.1	79.2	79.8	80.0	80.1
≥ 2500	65.6	77.4	78.5	79.1	79.8	80.1	80.2	80.3	80.3	80.4	80.6	80.7	81.2	81.4	81.6
≥ 2000	65.7	78.2	79.4	80.3	81.3	81.6	82.1	82.1	82.1	82.2	82.4	82.5	83.1	83.3	83.4
≥ 1800	65.7	78.3	79.6	80.4	81.4	81.8	82.2	82.3	82.3	82.4	82.5	82.7	83.2	83.4	83.6
≥ 1500	65.7	78.7	80.1	81.2	82.2	82.7	83.3	83.4	83.4	83.5	83.7	83.8	84.4	84.5	84.7
≥ 1200	65.9	79.0	80.9	81.9	83.2	83.8	84.6	84.8	84.8	85.0	85.1	85.2	85.8	86.0	86.2
≥ 1000	65.9	79.1	81.0	82.2	83.6	84.4	85.3	85.6	85.6	86.0	86.2	86.3	86.9	87.1	87.3
≥ 900	65.9	79.2	81.2	82.5	83.9	84.8	85.8	86.0	86.2	86.6	86.8	86.9	87.5	87.7	87.9
≥ 800	65.9	79.3	81.3	82.7	84.1	85.1	86.2	86.8	86.9	87.5	87.9	88.1	88.7	88.9	89.0
≥ 700	65.9	79.3	81.4	82.8	84.4	85.5	86.7	87.4	87.6	88.1	88.7	88.9	89.5	89.7	89.9
≥ 600	65.9	79.6	81.8	83.3	85.1	86.4	87.9	88.9	89.0	89.8	90.4	90.8	91.5	91.8	92.1
≥ 500	65.9	79.6	81.8	83.4	85.6	87.0	88.7	89.9	90.1	90.9	91.7	92.1	93.0	93.3	93.6
≥ 400	65.9	79.6	81.8	83.4	85.7	87.5	89.5	91.1	91.4	92.3	93.2	93.6	94.8	95.1	95.4
≥ 300	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.3	93.4	94.4	95.1	96.4	96.8	97.3
≥ 200	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.4	93.7	94.9	95.7	97.2	97.7	98.4
≥ 100	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.4	93.7	94.9	95.7	97.5	98.2	99.1
≥ 0	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.4	93.7	94.9	95.7	97.5	98.2	99.1

TOTAL NUMBER OF OBSERVATIONS 2659

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

04779
STATION

FORT BELLEVILLE AAF MASS
STATION NAME

01-63,74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	48.6	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.8	51.8	51.8	51.9	51.9
≥ 20000	54.6	58.4	58.6	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.2	59.3
≥ 18000	54.6	58.4	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.3
≥ 16000	54.6	58.4	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.3
≥ 14000	55.2	59.0	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.9
≥ 12000	56.7	60.9	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.8
≥ 10000	59.0	64.3	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2
≥ 9000	59.2	64.8	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.8	65.8
≥ 8000	60.9	67.4	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.6
≥ 7000	61.9	69.0	69.5	69.7	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.3	70.3
≥ 6000	62.0	69.2	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.5	70.5
≥ 5000	62.8	70.3	70.9	71.1	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.8	71.8
≥ 4500	63.5	71.2	71.8	72.0	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.7
≥ 4000	65.8	73.9	74.5	74.8	75.0	75.0	75.2	75.2	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.6
≥ 3500	67.0	75.5	76.1	76.5	76.6	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.2
≥ 3000	70.4	80.2	81.0	81.5	81.8	81.8	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.5
≥ 2500	71.4	81.7	82.5	83.1	83.4	83.4	83.7	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.2	84.2
≥ 2000	71.8	82.7	83.7	84.4	84.8	84.9	85.3	85.4	85.4	85.6	85.7	85.7	85.8	85.8	85.9	85.9
≥ 1800	71.9	82.8	83.8	84.5	84.9	85.0	85.4	85.5	85.5	85.8	85.9	85.9	85.9	86.0	86.0	86.1
≥ 1500	72.2	83.4	84.5	85.2	85.6	85.8	86.2	86.4	86.5	86.7	86.8	86.8	86.9	86.9	86.9	87.0
≥ 1200	72.5	84.0	85.2	86.0	86.5	86.8	87.3	87.5	87.5	87.8	87.9	87.9	87.9	88.0	88.0	88.0
≥ 1000	72.6	84.4	85.8	86.7	87.5	87.9	88.5	88.8	88.9	89.3	89.4	89.4	89.4	89.5	89.6	89.6
≥ 900	72.8	84.8	86.3	87.2	88.1	88.6	89.3	89.6	89.6	90.2	90.4	90.4	90.5	90.6	90.6	90.6
≥ 800	72.9	85.0	86.9	87.9	89.0	89.8	90.6	91.2	91.4	91.7	92.0	92.0	92.1	92.2	92.2	92.2
≥ 700	72.9	85.2	87.2	88.3	89.6	90.7	91.8	92.9	93.1	93.6	94.1	94.1	94.2	94.3	94.3	94.4
≥ 600	72.9	85.3	87.4	88.6	90.0	91.2	92.4	93.6	93.8	94.5	95.1	95.2	95.4	95.5	95.5	95.5
≥ 500	72.9	85.4	87.5	88.9	90.5	91.9	93.3	94.9	95.3	96.3	97.2	97.3	97.6	97.7	97.8	97.8
≥ 400	72.9	85.4	87.6	89.0	90.7	92.1	93.7	95.4	95.9	97.0	98.1	98.2	98.5	98.7	98.7	98.8
≥ 300	72.9	85.4	87.6	89.1	90.8	92.3	93.9	95.8	96.3	97.4	98.6	98.7	99.4	99.6	99.6	99.7
≥ 200	72.9	85.4	87.6	89.1	90.9	92.3	94.0	95.9	96.4	97.5	98.7	98.9	99.6	99.9	99.9	100.0
≥ 100	72.9	85.4	87.6	89.1	90.9	92.3	94.0	95.9	96.4	97.5	98.7	98.9	99.6	99.9	99.9	100.0
≥ 0	72.9	85.4	87.6	89.1	90.9	92.3	94.0	95.9	96.4	97.5	98.7	98.9	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2975

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/DAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

1974-76 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	42.6 49.3	44.5 51.4	44.8 51.7	44.9 51.8	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9
≥ 18000 ≥ 16000	49.4 49.4	51.6 51.6	51.8 51.8	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0
≥ 14000 ≥ 12000	49.6 51.2	51.8 53.4	52.0 53.7	52.2 53.8	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9
≥ 10000 ≥ 9000	53.6 54.7	55.8 57.1	56.1 57.3	56.2 57.5	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6
≥ 8000 ≥ 7000	59.1 61.2	61.9 64.0	62.1 64.4	62.3 64.6	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7
≥ 6000 ≥ 5000	62.2 65.2	65.2 68.6	65.5 69.1	65.8 69.4	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6
≥ 4500 ≥ 4000	66.7 69.8	70.2 73.7	70.6 74.2	70.9 74.5	71.1 74.7	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8
≥ 3500 ≥ 3000	72.9 75.3	77.3 80.2	77.8 80.9	78.1 81.2	78.4 81.6	78.4 81.7	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8
≥ 2500 ≥ 2000	77.0 77.6	82.6 83.9	83.4 84.9	83.8 85.4	84.3 85.9	84.5 86.1	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2
≥ 1800 ≥ 1500	77.7 77.8	83.9 84.5	85.0 85.6	85.6 86.4	86.2 87.2	86.5 87.6	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7
≥ 1200 ≥ 1000	78.0 78.2	84.9 85.4	86.0 86.8	86.9 87.7	87.6 88.5	88.1 89.0	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2
≥ 900 ≥ 800	78.3 78.4	86.0 86.3	87.5 88.1	88.5 89.3	89.4 90.3	89.9 90.9	90.2 91.1	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4
≥ 700 ≥ 600	78.4 78.5	86.4 86.6	88.5 88.7	89.8 90.1	91.0 91.7	91.9 92.8	92.1 93.3	92.4 93.6	92.5 93.7	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9
≥ 500 ≥ 400	78.5 78.5	86.8 86.9	89.1 89.2	90.7 90.9	92.8 93.4	94.1 94.9	94.7 95.7	95.3 96.4	95.4 96.5	95.7 97.0	95.8 97.2	95.9 97.2	96.2 97.6	96.2 97.6	96.4 97.8	96.5 97.9
≥ 300 ≥ 200	78.5 78.5	86.9 86.9	89.2 89.2	91.0 91.0	93.6 93.6	95.2 95.3	96.1 96.3	97.0 97.3	97.3 97.6	97.9 98.2	98.1 98.5	98.1 98.5	98.5 99.2	98.5 99.2	98.7 99.5	98.9 99.6
≥ 100 ≥ 0	78.5 78.5	86.9 86.9	89.2 89.2	91.0 91.0	93.6 93.6	95.3 95.3	96.3 96.3	97.3 97.3	97.6 97.6	98.2 98.2	98.6 98.6	98.6 98.6	99.5 99.5	99.5 99.5	99.7 99.7	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 2915

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NC CEILING ≥ 20000	39.8 45.7	46.2 53.8	47.0 54.9	47.3 55.3	47.5 55.7	47.8 56.0	48.0 56.2	48.1 56.2	48.1 56.3	48.2 56.3	48.3 56.5	48.3 56.5	48.6 56.8	48.6 56.8	48.6 56.8	48.6 56.8
IV 18000 16000	45.7 45.7	53.9 53.9	55.0 55.1	55.4 55.5	55.8 55.8	56.1 56.1	56.3 56.3	56.3 56.4	56.4 56.4	56.4 56.5	56.6 56.6	56.6 56.6	56.9 56.9	56.9 56.9	56.9 56.9	57.0 57.0
IV 14000 12000	46.1 47.6	54.3 55.9	55.5 57.1	55.9 57.5	56.2 57.8	56.6 58.2	56.8 58.4	56.9 58.5	56.9 58.5	57.0 58.6	57.1 58.7	57.1 58.7	57.4 59.0	57.4 59.0	57.4 59.0	57.5 59.1
IV 10000 9000	50.2 50.6	58.9 59.4	60.1 60.7	60.6 61.2	61.1 61.7	61.5 62.1	61.7 62.3	61.7 62.3	61.8 62.4	61.8 62.4	62.0 62.6	62.0 62.6	62.3 62.8	62.3 62.8	62.3 62.8	62.3 62.9
IV 8000 7000	53.1 54.5	62.2 64.0	63.4 65.3	64.0 65.9	64.5 66.4	64.9 66.8	65.2 67.1	65.2 67.2	65.3 67.2	65.3 67.3	65.5 67.4	65.5 67.4	65.8 67.7	65.8 67.7	65.8 67.7	65.8 67.8
IV 6000 5000	55.3 56.8	65.0 66.8	66.2 68.1	66.8 68.8	67.4 69.4	67.9 69.9	68.1 70.1	68.2 70.2	68.2 70.2	68.3 70.3	68.5 70.5	68.5 70.5	68.8 70.8	68.8 70.8	68.8 70.8	68.8 70.9
IV 4500 4000	57.9 62.1	67.9 72.8	69.2 74.2	69.9 74.8	70.5 75.4	71.0 75.9	71.2 76.2	71.3 76.3	71.3 76.3	71.4 76.4	71.6 76.6	71.6 76.6	71.9 76.8	71.9 76.8	71.9 76.9	72.0 76.9
IV 3500 3000	63.2 64.9	74.3 76.9	75.8 78.6	76.6 79.3	77.2 80.2	77.7 80.8	78.0 81.1	78.1 81.1	78.1 81.2	78.2 81.2	78.4 81.4	78.4 81.4	78.6 81.7	78.6 81.7	78.7 81.7	78.7 81.8
IV 2500 2000	66.1 66.8	78.8 80.0	80.6 82.0	81.4 82.8	82.3 83.7	82.9 84.3	83.2 84.6	83.2 84.7	83.3 84.7	83.4 84.8	83.5 85.0	83.5 85.0	83.8 85.2	83.8 85.2	83.8 85.3	83.9 85.3
IV 1800 1500	66.9 67.6	80.1 81.2	82.1 83.6	82.9 84.5	83.8 85.5	84.4 86.3	84.7 86.6	84.8 86.8	84.9 86.9	85.0 87.0	85.1 87.1	85.1 87.1	85.4 87.4	85.4 87.4	85.4 87.4	85.5 87.5
IV 1200 1000	68.2 68.4	82.4 83.2	85.1 86.1	86.0 87.2	87.1 88.3	87.9 89.2	88.3 89.7	88.5 90.0	88.6 90.0	88.7 90.1	88.9 90.3	88.9 90.3	89.1 90.6	89.1 90.6	89.2 90.6	89.2 90.7
IV 900 800	68.4 68.4	83.5 83.6	86.5 86.9	87.6 88.1	88.9 89.8	89.8 90.7	90.4 91.5	90.7 92.0	90.8 92.1	90.9 92.3	91.1 92.5	91.1 92.5	91.3 92.7	91.3 92.7	91.4 92.8	91.4 92.8
IV 700 600	68.4 68.4	84.1 84.2	87.6 87.8	89.0 89.4	90.9 91.4	92.0 92.6	92.9 93.6	93.6 94.4	93.7 94.5	93.9 94.8	94.1 95.0	94.1 95.0	94.3 95.2	94.3 95.2	94.4 95.3	94.4 95.3
IV 500 400	68.4 68.4	84.3 84.4	88.1 88.3	89.8 90.0	92.1 92.8	93.6 94.4	94.7 95.8	95.7 96.9	95.9 97.1	96.3 97.7	96.6 98.0	96.6 98.0	96.9 98.3	96.9 98.4	97.0 98.4	97.0 98.5
IV 300 200	68.4 68.4	84.4 84.4	88.3 88.3	90.0 90.0	92.9 92.9	94.8 94.8	96.2 96.2	97.4 97.4	97.6 97.6	98.2 98.2	98.8 98.8	98.8 98.8	99.2 99.3	99.3 99.3	99.3 99.5	99.4 99.7
IV 100 0	68.4 68.4	84.4 84.4	88.3 88.3	90.0 90.0	92.9 92.9	94.8 94.8	96.2 96.2	97.4 97.4	97.6 97.6	98.2 98.2	98.8 98.8	98.8 98.8	99.4 99.4	99.6 99.6	99.8 99.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 3004

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	37.4	47.8	49.8	50.4	51.4	51.5	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.2	52.2	52.3	52.4
≥ 20000	42.9	55.4	57.6	58.3	59.3	59.4	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.2	60.3	60.3
≥ 18000	42.9	55.4	57.6	58.3	59.3	59.4	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.2	60.3	60.3
≥ 16000	42.9	55.4	57.6	58.3	59.3	59.4	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.2	60.3	60.3
≥ 14000	43.4	55.9	58.2	58.8	59.9	60.0	60.1	60.3	60.3	60.4	60.4	60.4	60.5	60.6	60.7	60.8	60.9
≥ 12000	44.5	57.3	59.6	60.3	61.4	61.6	61.7	62.0	62.0	62.1	62.1	62.1	62.1	62.3	62.3	62.4	62.5
≥ 10000	46.8	61.1	63.7	64.6	65.8	66.0	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.7	66.8	66.9	66.9
≥ 9000	47.3	61.8	64.7	65.6	66.8	67.0	67.1	67.4	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9	68.0
≥ 8000	48.5	64.0	67.0	68.1	69.2	69.5	69.5	69.9	69.9	70.0	70.0	70.0	70.0	70.2	70.3	70.4	70.4
≥ 7000	49.6	65.3	68.5	69.6	70.8	71.0	71.1	71.4	71.4	71.5	71.5	71.5	71.5	71.7	71.8	71.9	72.0
≥ 6000	50.1	66.1	69.3	70.5	71.6	71.9	72.0	72.2	72.2	72.3	72.3	72.3	72.4	72.5	72.6	72.7	72.8
≥ 5000	50.6	67.7	71.0	72.1	73.3	73.5	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.2	74.3	74.4	74.5
≥ 4500	51.1	68.2	71.5	72.6	73.8	74.0	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.7	74.8	74.9	75.0
≥ 4000	52.9	70.6	74.0	75.3	76.5	76.7	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.5	77.6	77.7	77.7
≥ 3500	53.8	72.1	75.4	76.7	77.9	78.2	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.9	79.0	79.1	79.2
≥ 3000	55.8	75.9	79.6	80.9	82.3	82.6	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.4	83.5	83.6	83.7
≥ 2500	57.0	78.3	82.0	83.5	84.9	85.2	85.5	85.8	85.8	85.9	85.9	85.9	85.9	86.1	86.2	86.3	86.4
≥ 2000	57.3	80.0	83.8	85.3	87.0	87.3	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.3	88.4	88.5	88.6
≥ 1800	57.4	80.1	84.0	85.7	87.4	87.7	88.0	88.4	88.4	88.6	88.6	88.6	88.6	88.8	88.9	89.0	89.0
≥ 1500	57.6	81.4	85.8	87.5	89.4	89.8	90.2	90.6	90.6	90.8	90.8	90.8	90.8	91.0	91.1	91.2	91.3
≥ 1200	57.8	82.2	86.9	88.9	90.8	91.3	91.7	92.2	92.2	92.4	92.4	92.4	92.5	92.6	92.7	92.8	92.9
≥ 1000	58.0	82.9	87.7	89.8	92.0	92.7	93.2	93.7	93.7	93.9	93.9	93.9	94.0	94.1	94.2	94.3	94.4
≥ 900	58.0	83.2	88.0	90.2	92.5	93.2	93.7	94.2	94.2	94.4	94.4	94.4	94.5	94.6	94.7	94.8	94.9
≥ 800	58.2	83.5	88.5	90.9	93.4	94.1	94.7	95.2	95.2	95.4	95.4	95.4	95.4	95.6	95.7	95.8	95.8
≥ 700	58.2	83.9	89.0	91.5	94.2	95.0	95.7	96.2	96.3	96.5	96.5	96.5	96.6	96.7	96.8	96.9	97.0
≥ 600	58.2	84.0	89.2	91.7	94.7	95.6	96.4	97.1	97.1	97.4	97.4	97.4	97.4	97.6	97.7	97.8	97.9
≥ 500	58.2	84.1	89.4	92.0	95.2	96.1	97.0	97.9	98.0	98.3	98.4	98.4	98.4	98.6	98.7	98.8	98.9
≥ 400	58.2	84.1	89.4	92.1	95.2	96.1	97.2	98.1	98.1	98.6	98.7	98.8	98.8	99.1	99.2	99.3	99.4
≥ 300	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.3	98.9	99.0	99.0	99.2	99.5	99.6	99.7	99.7
≥ 200	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.4	99.0	99.1	99.3	99.3	99.6	99.7	99.8	99.8
≥ 100	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.4	99.0	99.1	99.3	99.3	99.6	99.7	99.8	99.8
≥ 0	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.4	99.0	99.1	99.3	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

3034

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FLRT DEVEHS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	37.7	49.1	50.7	51.6	52.1	52.4	52.6	52.9	52.8	53.0	53.1	53.1	53.1	53.1	53.2	53.2
≥ 20000	43.7	56.7	58.7	59.7	60.3	60.8	61.0	61.2	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.7
≥ 18000	43.7	56.7	58.7	59.7	60.3	60.8	61.0	61.3	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.7
≥ 16000	43.9	56.9	58.9	59.9	60.5	61.1	61.3	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.9	61.9
≥ 14000	44.2	57.3	59.4	60.4	61.0	61.5	61.7	61.9	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.4
≥ 12000	45.7	59.7	61.8	62.8	63.4	64.0	64.2	64.4	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.9
≥ 10000	48.5	64.4	66.8	68.3	69.1	69.8	70.0	70.3	70.3	70.5	70.5	70.5	70.7	70.7	70.8	70.8
≥ 9000	49.3	65.3	67.7	69.3	70.2	71.0	71.2	71.4	71.4	71.6	71.7	71.7	71.8	71.9	71.9	72.0
≥ 8000	51.4	68.5	71.0	72.7	73.7	74.6	74.9	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.7	75.8
≥ 7000	52.8	70.4	73.0	74.7	75.8	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.7	77.8	77.8
≥ 6000	53.3	71.2	73.8	75.5	76.6	77.5	77.8	78.1	78.1	78.3	78.3	78.3	78.5	78.5	78.6	78.6
≥ 5000	54.1	72.4	75.2	76.9	78.1	79.0	79.3	79.6	79.6	79.8	79.9	79.9	80.1	80.1	80.2	80.2
≥ 4500	54.5	73.0	75.8	77.6	78.7	79.6	80.0	80.3	80.3	80.5	80.5	80.5	80.7	80.7	80.8	80.9
≥ 4000	56.6	75.7	78.5	80.5	81.7	82.6	83.0	83.3	83.3	83.5	83.6	83.6	83.8	83.8	83.9	83.9
≥ 3500	57.2	76.4	79.5	81.6	82.8	83.7	84.1	84.4	84.4	84.6	84.6	84.6	84.8	84.9	85.0	85.0
≥ 3000	58.1	78.6	81.8	83.9	85.1	86.0	86.5	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.4
≥ 2500	59.0	80.2	83.6	85.9	87.4	88.3	88.7	89.2	89.2	89.4	89.4	89.4	89.6	89.7	89.8	89.8
≥ 2000	59.4	81.2	84.7	87.4	88.9	90.1	90.5	90.9	91.0	91.2	91.2	91.2	91.4	91.4	91.5	91.6
≥ 1800	59.4	81.5	85.0	87.7	89.2	90.4	90.8	91.3	91.3	91.5	91.5	91.5	91.7	91.8	91.9	91.9
≥ 1500	59.5	82.0	85.7	88.5	90.2	91.3	91.8	92.3	92.3	92.5	92.6	92.6	92.7	92.8	92.9	92.9
≥ 1200	59.6	82.8	86.8	89.6	91.4	92.6	93.1	93.5	93.6	93.8	93.8	93.8	94.0	94.1	94.2	94.2
≥ 1000	59.7	83.4	87.6	90.5	92.4	93.6	94.1	94.8	94.8	95.1	95.1	95.1	95.3	95.3	95.4	95.5
≥ 900	59.7	83.6	87.8	90.8	92.7	94.0	94.6	95.4	95.5	95.7	95.7	95.7	95.9	96.0	96.1	96.1
≥ 800	59.7	83.7	88.0	91.1	93.1	94.4	95.0	95.9	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.6
≥ 700	59.7	83.8	88.1	91.4	93.6	94.9	95.7	96.5	96.7	96.9	97.0	97.0	97.2	97.2	97.3	97.3
≥ 600	59.7	83.9	88.2	91.6	93.9	95.3	96.1	97.1	97.2	97.5	97.6	97.6	97.8	97.9	98.0	98.0
≥ 500	59.7	83.9	88.4	91.8	94.1	95.7	96.7	97.8	98.0	98.4	98.5	98.5	98.7	98.7	98.8	98.9
≥ 400	59.7	83.9	88.4	91.8	94.2	95.9	96.9	98.2	98.4	98.8	99.0	99.0	99.2	99.2	99.3	99.4
≥ 300	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.5	99.6	99.7	99.8
≥ 200	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.8	99.8
≥ 100	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.9	99.9
≥ 0	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3048

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MASS

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63, 74-76 YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	43.2	52.9	54.3	55.5	56.2	56.4	56.5	56.7	56.7	56.8	56.9	56.9	57.1	57.1	57.1	57.2
≥ 20000	47.8	59.2	61.0	62.4	63.2	63.5	63.6	63.8	63.8	63.9	64.1	64.1	64.3	64.3	64.3	64.4
≥ 18000	48.1	59.5	61.3	62.7	63.5	63.8	63.9	64.1	64.1	64.3	64.4	64.4	64.6	64.6	64.6	64.7
≥ 16000	48.1	59.5	61.3	62.7	63.5	63.8	63.9	64.1	64.1	64.3	64.4	64.4	64.6	64.6	64.6	64.7
≥ 14000	48.4	59.9	61.7	63.2	64.0	64.3	64.4	64.5	64.6	64.7	64.9	64.9	65.1	65.1	65.1	65.2
≥ 12000	48.8	60.6	62.4	63.9	64.7	65.0	65.1	65.3	65.3	65.4	65.6	65.6	65.8	65.8	65.8	65.9
≥ 10000	50.4	62.8	64.7	66.5	67.4	67.8	68.0	68.1	68.2	68.3	68.5	68.5	68.7	68.7	68.8	68.9
≥ 9000	51.0	63.5	65.4	67.3	68.2	68.6	68.8	69.0	69.1	69.2	69.4	69.4	69.6	69.6	69.6	69.7
≥ 8000	52.3	65.5	67.6	69.6	70.5	70.9	71.2	71.4	71.5	71.6	71.8	71.8	72.0	72.0	72.0	72.1
≥ 7000	52.9	66.5	68.9	70.9	71.9	72.2	72.5	72.8	72.8	73.0	73.1	73.1	73.4	73.4	73.4	73.5
≥ 6000	53.3	67.2	69.7	71.7	72.6	73.0	73.3	73.5	73.6	73.8	73.9	73.9	74.2	74.2	74.2	74.3
≥ 5000	53.9	68.1	70.7	72.8	73.7	74.1	74.5	74.7	74.8	74.9	75.1	75.1	75.3	75.3	75.4	75.5
≥ 4500	54.1	68.5	71.1	73.3	74.3	74.6	75.0	75.2	75.3	75.5	75.6	75.6	75.9	75.9	75.9	76.0
≥ 4000	55.4	70.3	73.0	75.2	76.3	76.7	77.1	77.3	77.4	77.6	77.8	77.8	78.0	78.0	78.0	78.1
≥ 3500	56.1	71.3	74.1	76.5	77.7	78.1	78.4	78.7	78.8	78.9	79.1	79.1	79.3	79.3	79.4	79.4
≥ 3000	56.9	72.9	75.9	78.3	79.5	80.0	80.4	80.7	80.8	81.0	81.1	81.1	81.4	81.4	81.4	81.5
≥ 2500	58.6	75.9	78.9	81.5	82.9	83.3	83.8	84.2	84.3	84.4	84.6	84.6	84.9	84.9	84.9	85.0
≥ 2000	59.0	77.0	80.3	83.0	84.5	84.9	85.5	85.8	85.9	86.1	86.3	86.3	86.6	86.6	86.6	86.7
≥ 1800	59.0	77.2	80.5	83.3	84.8	85.3	85.8	86.1	86.3	86.5	86.7	86.7	86.9	86.9	86.9	87.0
≥ 1500	59.3	78.3	81.7	84.6	86.4	86.9	87.5	87.8	88.0	88.1	88.3	88.3	88.6	88.6	88.6	88.7
≥ 1200	59.5	79.1	82.6	85.7	87.6	88.1	88.8	89.2	89.3	89.5	89.7	89.7	90.0	90.0	90.0	90.1
≥ 1000	59.6	79.6	83.3	86.5	88.6	89.2	90.1	90.6	90.8	91.0	91.2	91.2	91.5	91.5	91.5	91.6
≥ 900	59.7	79.8	83.5	86.8	88.9	89.5	90.4	90.9	91.1	91.3	91.5	91.5	91.8	91.8	91.9	91.9
≥ 800	59.7	80.2	84.1	87.4	89.6	90.2	91.3	91.9	92.0	92.2	92.5	92.5	92.7	92.7	92.8	92.9
≥ 700	59.7	80.7	84.7	88.2	90.5	91.2	92.5	93.3	93.5	93.7	93.9	93.9	94.2	94.2	94.3	94.4
≥ 600	59.7	80.8	84.9	88.4	90.8	91.8	93.2	94.1	94.3	94.5	94.7	94.7	95.0	95.0	95.1	95.2
≥ 500	59.7	81.0	85.0	88.6	91.5	92.8	94.4	95.6	95.8	96.0	96.3	96.3	96.5	96.5	96.6	96.7
≥ 400	59.7	81.0	85.1	88.9	91.9	93.2	95.2	96.6	96.9	97.4	97.6	97.6	97.9	97.9	98.0	98.1
≥ 300	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.3	97.6	98.2	98.5	98.5	98.9	98.9	99.1	99.2
≥ 200	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.4	97.7	98.4	98.6	98.6	99.2	99.2	99.4	99.5
≥ 100	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.4	97.7	98.4	98.6	98.6	99.3	99.3	99.5	99.6
≥ 0	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.4	97.7	98.4	98.6	98.6	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3080

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVELS AAF MASS
STATION NAME

61-63, 74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.9	48.3	49.9	51.2	51.8	51.9	52.2	52.4	52.5	52.9	53.0	53.0	53.3	53.5	53.7	54.1
≥ 20000	46.4	54.1	55.3	56.7	57.4	57.6	57.9	58.2	58.3	58.7	58.8	58.8	59.2	59.4	59.6	60.0
≥ 18000	46.5	54.3	55.5	56.9	57.6	57.8	58.2	58.5	58.6	59.1	59.1	59.1	59.5	59.7	59.9	60.3
≥ 16000	46.5	54.3	55.5	56.9	57.6	57.8	58.2	58.5	58.6	59.1	59.1	59.1	59.5	59.7	59.9	60.3
≥ 14000	47.2	55.1	56.2	57.7	58.4	58.6	59.0	59.3	59.4	59.8	59.9	59.9	60.3	60.5	60.7	61.1
≥ 12000	48.1	56.7	58.0	59.5	60.2	60.3	60.7	61.0	61.1	61.6	61.7	61.7	62.1	62.3	62.5	62.9
≥ 10000	50.5	60.0	61.4	62.9	63.7	63.9	64.4	64.6	64.7	65.2	65.4	65.4	65.8	66.0	66.2	66.6
≥ 9000	50.8	60.4	61.9	63.4	64.2	64.4	64.9	65.2	65.3	65.8	65.9	65.9	66.4	66.6	66.8	67.2
≥ 8000	52.3	62.8	64.7	66.3	67.3	67.6	68.2	68.5	68.6	69.1	69.2	69.2	69.7	69.9	70.1	70.5
≥ 7000	52.8	63.3	65.3	67.0	67.9	68.2	68.8	69.2	69.3	69.8	70.0	70.0	70.4	70.6	70.8	71.3
≥ 6000	53.6	64.2	66.2	68.0	68.9	69.2	69.9	70.2	70.3	70.8	71.0	71.0	71.5	71.7	71.9	72.3
≥ 5000	54.7	65.9	67.9	69.7	70.7	71.1	71.7	72.1	72.2	72.7	72.9	72.9	73.4	73.6	73.8	74.2
≥ 4500	55.0	66.2	68.2	70.1	71.3	71.6	72.3	72.6	72.8	73.3	73.5	73.5	73.9	74.1	74.3	74.7
≥ 4000	56.4	68.0	70.1	72.1	73.2	73.5	74.2	74.5	74.7	75.2	75.4	75.4	75.9	76.1	76.3	76.7
≥ 3500	56.9	69.0	71.1	73.1	74.3	74.6	75.3	75.6	75.8	76.3	76.5	76.5	76.9	77.2	77.4	77.8
≥ 3000	58.8	72.0	74.3	76.6	77.9	78.4	79.3	79.7	79.9	80.4	80.6	80.6	81.1	81.3	81.5	81.9
≥ 2500	59.6	73.2	75.6	78.0	79.4	79.9	80.7	81.2	81.4	81.9	82.2	82.2	82.6	82.8	83.0	83.4
≥ 2000	60.1	74.1	76.7	79.2	80.6	81.2	82.0	82.5	82.6	83.2	83.5	83.5	83.9	84.1	84.3	84.7
≥ 1800	60.3	74.5	77.1	79.6	81.1	81.6	82.4	82.9	83.1	83.7	83.9	83.9	84.3	84.5	84.8	85.2
≥ 1500	60.5	75.3	78.1	80.8	82.5	83.0	84.0	84.5	84.6	85.2	85.5	85.5	85.9	86.1	86.4	86.8
≥ 1200	60.8	76.3	79.3	82.0	83.9	84.5	85.6	86.1	86.2	86.8	87.1	87.1	87.5	87.7	88.0	88.4
≥ 1000	60.8	76.4	79.7	82.6	84.6	85.3	86.3	86.9	87.2	87.8	88.0	88.0	88.5	88.7	88.9	89.4
≥ 900	60.8	76.6	79.9	83.0	85.1	85.7	86.8	87.5	87.7	88.3	88.5	88.5	89.0	89.2	89.5	89.9
≥ 800	60.9	76.8	80.2	83.4	85.7	86.4	87.7	88.4	88.6	89.3	89.6	89.6	90.0	90.2	90.5	90.9
≥ 700	60.9	77.0	80.4	83.7	86.2	87.1	88.5	89.4	89.7	90.4	90.8	90.8	91.3	91.5	91.7	92.1
≥ 600	61.0	77.2	80.7	84.1	86.8	88.1	89.9	91.1	91.3	92.3	92.7	92.7	93.2	93.4	93.6	94.0
≥ 500	61.0	77.3	80.8	84.6	87.9	89.3	91.5	93.0	93.3	94.3	94.8	94.8	95.3	95.5	95.7	96.1
≥ 400	61.0	77.5	81.1	84.8	88.2	89.8	92.2	93.8	94.1	95.4	95.9	96.0	96.5	96.7	97.0	97.4
≥ 300	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.8	95.3	96.7	97.5	97.7	98.3	98.5	98.8	99.3
≥ 200	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.9	95.4	96.8	97.7	98.0	98.7	98.9	99.3	99.7
≥ 100	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.9	95.4	96.8	97.7	98.0	98.8	99.0	99.3	99.8
≥ 0	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.9	95.4	96.8	97.7	98.0	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT JEVENS AAF MASS
STATION NAME

50-62,74-76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.7	48.3	49.0	49.3	49.8	50.0	50.1	50.3	50.3	50.3	50.5	50.5	50.5	50.6	50.9	51.1
≥ 20000	47.8	54.4	55.3	55.6	56.2	56.5	56.7	56.9	56.9	57.0	57.1	57.1	57.2	57.3	57.6	57.8
≥ 18000	47.9	54.5	55.4	55.7	56.3	56.6	56.8	57.0	57.0	57.1	57.2	57.2	57.3	57.4	57.7	57.9
≥ 16000	47.9	54.5	55.4	55.7	56.3	56.6	56.8	57.0	57.0	57.1	57.2	57.2	57.3	57.4	57.7	57.9
≥ 14000	48.5	55.2	56.1	56.4	57.0	57.4	57.5	57.8	57.8	57.8	58.0	58.0	58.1	58.2	58.5	58.7
≥ 12000	49.7	56.8	57.7	58.0	58.6	59.0	59.2	59.5	59.5	59.5	59.7	59.7	59.8	59.9	60.2	60.5
≥ 10000	53.7	61.4	62.5	63.0	63.8	64.2	64.4	64.7	64.7	64.7	64.9	64.9	65.0	65.1	65.4	65.7
≥ 9000	54.2	62.1	63.3	63.9	64.6	65.0	65.2	65.5	65.5	65.6	65.7	65.7	65.8	66.0	66.2	66.5
≥ 8000	55.6	63.8	65.0	65.6	66.4	66.8	67.0	67.3	67.3	67.4	67.5	67.6	67.7	67.8	68.1	68.3
≥ 7000	58.0	66.8	68.0	68.7	69.5	70.0	70.2	70.4	70.4	70.5	70.7	70.7	70.8	70.9	71.2	71.5
≥ 6000	58.8	68.0	69.2	69.9	70.8	71.3	71.5	71.7	71.7	71.8	71.9	72.0	72.1	72.2	72.5	72.8
≥ 5000	59.8	69.7	70.9	71.7	72.6	73.1	73.3	73.7	73.7	73.7	73.9	73.9	74.0	74.1	74.4	74.7
≥ 4500	60.1	70.0	71.3	72.0	73.0	73.4	73.7	74.0	74.0	74.1	74.2	74.3	74.3	74.5	74.7	75.0
≥ 4000	61.5	71.9	73.2	73.9	74.9	75.4	75.6	75.9	75.9	76.0	76.1	76.2	76.2	76.4	76.7	76.9
≥ 3500	63.0	73.6	74.9	75.6	76.6	77.1	77.3	77.7	77.7	77.8	78.0	78.0	78.1	78.2	78.5	78.8
≥ 3000	64.4	75.9	77.1	77.9	78.8	79.3	79.6	79.9	79.9	80.1	80.2	80.3	80.3	80.5	80.7	81.0
≥ 2500	66.2	78.2	79.7	80.5	81.5	82.0	82.2	82.6	82.7	82.8	83.0	83.0	83.1	83.2	83.5	83.8
≥ 2000	66.8	79.2	80.7	81.8	82.9	83.5	83.7	84.2	84.2	84.4	84.5	84.6	84.6	84.8	85.1	85.4
≥ 1800	66.9	79.4	80.9	82.0	83.2	83.8	84.0	84.5	84.6	84.7	84.9	84.9	85.0	85.1	85.4	85.7
≥ 1500	67.1	80.4	81.9	83.2	84.4	85.0	85.3	85.8	85.9	86.0	86.2	86.2	86.3	86.4	86.7	87.0
≥ 1200	67.5	81.1	82.7	83.9	85.2	85.9	86.4	86.9	87.0	87.1	87.3	87.3	87.4	87.5	87.8	88.1
≥ 1000	67.5	81.4	83.2	84.7	86.2	86.9	87.6	88.2	88.3	88.4	88.6	88.7	88.7	88.9	89.2	89.5
≥ 900	67.5	81.7	83.5	85.0	86.6	87.4	88.1	88.7	88.8	89.0	89.1	89.2	89.3	89.4	89.7	90.0
≥ 800	67.5	81.8	83.7	85.4	87.4	88.5	89.2	89.8	89.9	90.1	90.2	90.3	90.4	90.5	90.8	91.1
≥ 700	67.5	82.0	84.1	85.9	88.2	89.5	90.2	90.8	91.0	91.2	91.4	91.5	91.6	91.7	92.1	92.3
≥ 600	67.5	82.8	84.9	86.9	89.7	91.1	92.0	92.7	92.9	93.2	93.5	93.6	93.6	93.8	94.1	94.4
≥ 500	67.5	83.0	85.3	87.5	90.8	92.9	94.0	95.0	95.2	95.6	96.0	96.1	96.3	96.5	96.8	97.1
≥ 400	67.6	83.1	85.5	87.7	91.2	93.4	94.5	95.7	95.8	96.5	97.0	97.1	97.4	97.5	97.9	98.2
≥ 300	67.6	83.2	85.6	87.8	91.4	93.6	94.8	96.1	96.3	97.0	97.6	97.7	98.3	98.5	98.9	99.1
≥ 200	67.6	83.3	85.7	87.9	91.6	93.9	95.3	96.6	96.7	97.4	98.1	98.2	98.9	99.1	99.5	99.8
≥ 100	67.6	83.3	85.7	87.9	91.6	93.9	95.3	96.6	96.7	97.4	98.1	98.2	98.9	99.1	99.7	100.0
≥ 0	67.6	83.3	85.7	87.9	91.6	93.9	95.3	96.6	96.7	97.4	98.1	98.2	98.9	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2467

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT GEORGE AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 01-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥5/16	¼	≥0
NO CEILING ≥ 20000	42.3 46.6	47.1 52.6	47.9 53.5	48.1 53.7	48.2 53.9	48.3 53.9	48.3 54.0	46.5 54.2	48.6 54.3	48.7 54.3	48.7 54.4	48.7 54.4	49.0 54.7	49.0 54.7	49.3 55.0	49.7 55.4
IV ≥ 18000 16000	46.6 46.6	52.7 52.7	53.5 53.5	53.8 53.8	54.0 54.0	54.0 54.0	54.0 54.0	54.3 54.3	54.3 54.3	54.4 54.4	54.5 54.5	54.5 54.5	54.8 54.8	54.8 54.8	55.0 55.0	55.5 55.5
IV ≥ 14000 12000	47.1 48.1	53.4 54.7	54.3 55.6	54.5 55.8	54.7 56.0	54.7 56.0	54.8 56.1	55.0 56.3	55.0 56.3	55.1 56.4	55.2 56.5	55.2 56.5	55.5 56.8	55.5 56.8	55.7 57.1	56.2 57.5
IV ≥ 10000 9000	49.8 50.4	57.1 57.8	58.0 58.7	58.2 59.0	58.4 59.2	58.4 59.2	58.5 59.2	58.7 59.4	58.7 59.5	58.8 59.6	58.9 59.6	58.9 59.6	59.2 60.0	59.2 60.0	59.4 60.2	59.9 60.7
IV ≥ 8000 7000	52.2 54.6	60.3 63.8	61.3 64.8	61.6 65.2	61.7 65.4	61.8 65.4	61.8 65.4	62.0 65.6	62.1 65.7	62.1 65.8	62.2 65.8	62.2 65.8	62.5 66.1	62.5 66.1	62.8 66.4	63.3 66.9
IV ≥ 6000 5000	55.3 56.6	64.7 66.4	65.8 67.5	66.1 67.9	66.4 68.2	66.4 68.3	66.5 68.3	66.7 68.5	66.7 68.6	66.8 68.6	66.9 68.7	66.9 68.7	67.2 69.0	67.2 69.0	67.5 69.3	67.9 69.8
IV ≥ 4500 4000	57.1 59.8	67.0 69.9	68.2 71.1	68.6 71.5	68.8 71.8	68.9 71.9	68.9 71.9	69.1 72.1	69.2 72.2	69.3 72.2	69.3 72.3	69.3 72.3	69.7 72.6	69.7 72.6	69.9 72.9	70.4 73.4
IV ≥ 3500 3000	61.9 65.0	72.3 75.6	73.5 78.0	74.0 78.5	74.3 79.0	74.4 79.1	74.5 79.1	74.7 79.4	74.7 79.5	74.8 79.6	74.9 79.6	74.9 79.6	75.2 79.9	75.2 79.9	75.5 80.2	75.9 80.7
IV ≥ 2500 2000	66.7 67.9	79.5 81.7	81.1 83.5	81.6 84.1	82.3 84.8	82.4 85.1	82.5 85.2	82.7 85.4	82.8 85.5	82.9 85.6	82.9 85.6	82.9 85.6	83.3 86.0	83.3 86.0	83.5 86.2	84.0 86.7
IV ≥ 1800 1500	67.9 68.1	81.8 82.7	83.7 84.9	84.4 85.8	85.1 86.6	85.4 87.0	85.5 87.1	85.7 87.4	85.8 87.5	85.9 87.6	85.9 87.7	85.9 87.7	86.3 88.1	86.3 88.1	86.5 88.4	87.0 88.8
IV ≥ 1200 1000	68.6 68.7	83.7 84.2	86.1 86.7	87.1 87.8	88.0 88.8	88.4 89.3	88.6 89.6	88.8 89.8	89.0 89.9	89.1 90.0	89.2 90.2	89.2 90.2	89.5 90.6	89.5 90.6	89.8 90.9	90.3 91.4
IV ≥ 900 800	68.7 68.7	84.3 84.5	86.8 87.0	88.0 88.5	89.1 89.3	89.7 90.4	90.0 90.7	90.4 91.0	90.5 91.1	90.7 91.2	90.7 91.5	90.7 91.5	91.1 91.9	91.1 92.0	91.4 92.2	91.8 92.7
IV ≥ 700 600	68.7 68.7	84.5 84.7	87.2 87.6	88.8 89.3	90.3 90.9	91.1 91.8	91.4 92.2	91.7 92.5	91.9 92.7	92.0 92.9	92.3 93.2	92.3 93.2	92.7 93.7	92.7 93.8	93.0 94.0	93.5 94.5
IV ≥ 500 400	68.8 68.8	84.8 84.9	87.7 87.7	89.5 89.8	91.4 91.8	92.3 93.1	92.8 93.9	93.4 94.6	93.7 94.9	94.0 95.4	94.3 95.9	94.3 95.9	95.1 96.7	95.1 96.7	95.5 97.2	96.0 97.6
IV ≥ 300 200	68.8 68.8	84.9 84.9	87.8 87.8	89.9 89.9	91.9 91.9	93.4 93.4	94.2 94.2	95.0 95.0	95.3 95.3	96.2 96.3	96.7 96.8	96.7 96.8	97.9 98.1	97.9 98.1	98.4 98.6	99.0 99.2
IV ≥ 100 0	68.8 68.8	84.9 84.9	87.8 87.8	89.9 89.9	91.9 91.9	93.4 93.4	94.2 94.2	95.0 95.0	95.3 95.3	96.3 96.3	97.0 97.0	97.0 97.0	98.3 98.3	98.4 98.4	99.1 99.3	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 2964

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FDRT DEVERS AAF MASS
STATION NAME

00-62,74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.1	50.4	51.2	51.4	51.7	51.7	51.8	51.8	51.8	52.0	52.1	52.2	52.4	52.7	52.7	52.8
≥ 20000	46.9	55.6	56.4	56.7	57.1	57.2	57.3	57.3	57.3	57.4	57.5	57.7	57.9	58.1	58.2	58.3
≥ 18000	46.9	55.7	56.5	56.8	57.1	57.2	57.3	57.3	57.4	57.5	57.6	57.8	57.9	58.2	58.2	58.4
≥ 16000	46.9	55.7	56.5	56.9	57.2	57.3	57.4	57.4	57.5	57.6	57.7	57.9	58.0	58.3	58.3	58.5
≥ 14000	47.2	56.1	57.1	57.5	57.8	57.9	58.0	58.0	58.0	58.2	58.3	58.4	58.6	58.9	58.9	59.1
≥ 12000	48.3	57.5	58.6	59.0	59.3	59.4	59.5	59.5	59.5	59.7	59.8	59.9	60.1	60.4	60.4	60.5
≥ 10000	50.3	60.2	61.4	61.8	62.2	62.3	62.4	62.4	62.5	62.6	62.7	62.9	63.1	63.3	63.4	63.5
≥ 9000	50.9	61.1	62.4	62.8	63.2	63.3	63.5	63.5	63.5	63.6	63.7	63.9	64.1	64.3	64.4	64.5
≥ 8000	53.1	64.3	65.7	66.3	66.7	66.9	67.1	67.1	67.2	67.3	67.4	67.6	67.7	68.0	68.0	68.2
≥ 7000	54.2	66.2	67.6	68.1	68.6	68.8	69.1	69.1	69.1	69.2	69.3	69.5	69.7	70.0	70.0	70.1
≥ 6000	54.6	66.7	68.2	68.8	69.3	69.5	69.7	69.7	69.8	69.9	70.0	70.2	70.3	70.6	70.6	70.8
≥ 5000	56.2	68.8	70.3	70.9	71.5	71.6	71.9	71.9	71.9	72.0	72.1	72.3	72.5	72.7	72.8	72.9
≥ 4500	56.4	69.3	70.8	71.5	72.0	72.2	72.4	72.4	72.4	72.6	72.7	72.8	73.0	73.3	73.3	73.5
≥ 4000	57.7	71.3	72.9	73.5	74.0	74.2	74.4	74.4	74.5	74.6	74.7	74.9	75.1	75.3	75.4	75.5
≥ 3500	58.5	72.5	74.2	74.8	75.3	75.5	75.8	75.8	75.9	76.0	76.1	76.3	76.6	76.8	76.9	77.0
≥ 3000	59.6	74.8	76.6	77.3	77.9	78.1	78.4	78.5	78.5	78.7	78.8	79.0	79.3	79.6	79.6	79.7
≥ 2500	60.6	77.0	78.9	79.7	80.4	80.6	80.9	81.1	81.1	81.3	81.4	81.6	81.9	82.2	82.2	82.3
≥ 2000	61.1	78.3	80.3	81.2	82.0	82.3	82.7	82.9	82.8	83.1	83.2	83.4	83.7	84.0	84.0	84.1
≥ 1800	61.1	78.5	80.5	81.4	82.2	82.6	83.1	83.2	83.2	83.4	83.5	83.7	84.0	84.3	84.3	84.5
≥ 1500	61.2	79.3	81.5	82.5	83.6	84.1	84.6	84.7	84.7	84.9	85.1	85.3	85.6	85.9	85.9	86.1
≥ 1200	61.2	79.8	82.1	83.4	84.6	85.3	85.9	86.0	86.1	86.3	86.4	86.6	86.9	87.2	87.2	87.4
≥ 1000	61.5	80.5	82.9	84.6	86.1	86.8	87.7	87.9	88.0	88.4	88.5	88.7	89.1	89.3	89.4	89.6
≥ 900	61.6	80.7	83.1	85.0	86.6	87.4	88.2	88.5	88.5	89.0	89.2	89.3	89.7	89.9	90.0	90.2
≥ 800	61.6	80.8	83.4	85.5	87.3	88.1	89.1	89.4	89.4	90.0	90.2	90.4	90.7	91.1	91.1	91.3
≥ 700	61.6	80.8	83.5	85.7	87.8	88.7	89.7	90.2	90.2	91.0	91.3	91.4	91.9	92.2	92.2	92.4
≥ 600	61.6	80.9	83.6	85.9	88.3	89.3	90.4	91.1	91.2	92.1	92.4	92.6	93.1	93.4	93.5	93.7
≥ 500	61.6	81.1	84.0	86.4	89.0	90.1	91.4	92.3	92.6	93.6	94.1	94.4	95.1	95.4	95.4	95.6
≥ 400	61.6	81.1	84.0	86.5	89.4	90.5	92.1	93.3	93.4	94.6	95.3	95.6	96.4	96.7	96.7	96.9
≥ 300	61.6	81.1	84.0	86.5	89.5	90.6	92.2	93.5	93.7	94.9	95.8	96.2	97.3	97.7	97.8	98.0
≥ 200	61.6	81.1	84.0	86.5	89.5	90.6	92.3	93.6	93.9	95.4	96.3	96.7	97.9	98.5	98.8	99.0
≥ 100	61.6	81.1	84.0	86.5	89.5	90.6	92.3	93.6	93.9	95.5	96.4	96.8	98.3	98.9	99.3	99.7
≥ 0	61.6	81.1	84.0	86.5	89.5	90.6	92.3	93.6	93.9	95.5	96.4	96.8	98.3	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	38.5	42.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 18000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 16000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 14000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 12000	42.2	51.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 10000	44.4	55.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 9000	46.0	57.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 8000	46.5	58.3	61.0	61.5	61.5	61.5	61.5	61.5	61.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 7000	47.1	59.4	62.0	62.6	63.1	63.6	63.6	63.6	63.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 6000	48.1	60.4	63.1	63.6	64.2	64.7	64.7	64.7	64.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 5000	49.2	64.2	66.8	67.4	67.9	68.4	68.4	68.4	68.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 4500	50.3	65.2	67.9	68.4	69.0	69.5	69.5	69.5	69.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 4000	54.5	70.6	73.3	73.8	74.3	74.9	74.9	74.9	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 3500	57.8	74.9	77.5	78.1	78.6	79.1	79.1	79.1	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 3000	58.3	75.9	78.6	79.1	79.7	80.2	80.2	80.2	80.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 2500	58.3	75.9	78.6	79.1	80.2	80.7	80.7	80.7	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 2000	59.9	77.5	81.8	82.4	83.4	84.0	84.0	84.0	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 1800	59.9	78.1	82.4	82.9	84.0	84.5	84.5	84.5	84.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1500	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1200	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1000	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 900	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 800	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 700	59.9	78.1	82.9	83.4	86.6	87.2	87.2	87.7	87.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 600	59.9	78.1	82.9	83.4	86.6	87.2	87.2	87.7	87.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 500	59.9	78.1	82.9	83.4	88.8	89.8	90.9	91.4	91.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 400	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	99.5	99.5
IV 200	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	99.5	99.5
IV 100	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	100.0	100.0
IV 0	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 187

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-63

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.0	47.9	48.9	48.9	49.5	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 18000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 16000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 14000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 12000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 10000	47.3	55.9	58.0	58.0	59.0	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 8000	49.5	58.0	60.1	60.1	61.2	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 7000	50.0	59.0	62.8	62.8	63.8	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 6000	50.5	60.1	63.8	63.8	64.9	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 5000	50.5	62.2	66.0	66.0	67.6	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 4500	52.7	64.4	68.1	68.1	69.7	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 4000	55.3	70.7	74.5	74.5	76.1	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 3500	56.9	74.5	78.2	78.2	79.8	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3000	56.9	75.5	79.3	79.3	80.9	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2500	56.9	76.1	80.3	80.9	82.4	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 2000	56.9	77.7	81.9	82.4	84.0	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1800	57.4	78.2	83.0	83.5	85.1	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1500	58.5	79.8	84.6	85.1	86.7	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1200	58.5	79.8	85.1	85.6	87.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1000	58.5	79.8	85.6	86.2	87.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 900	58.5	79.8	85.6	86.7	88.3	89.4	89.9	89.9	89.9	89.9	89.9	90.4	90.4	90.4	90.4	90.4
IV 800	58.5	79.8	85.6	86.7	88.3	89.4	89.9	89.9	89.9	89.9	89.9	90.4	90.4	90.4	90.4	90.4
IV 700	58.5	79.8	86.2	87.2	88.8	89.9	90.4	90.4	90.4	90.4	90.4	91.0	91.0	91.0	91.0	91.0
IV 600	58.5	79.8	87.2	88.8	91.5	92.6	93.1	93.1	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6
IV 500	58.5	79.8	87.2	88.8	92.0	93.1	93.6	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1
IV 400	58.5	79.8	87.2	88.8	92.0	93.1	94.7	94.7	94.7	94.7	95.2	95.7	95.7	96.3	96.3	96.3
IV 300	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	96.3	97.3	97.9	97.9	98.4	98.4	98.4
IV 200	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	96.3	97.9	98.4	98.4	100.0	100.0	100.0
IV 100	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	96.3	97.9	98.4	98.4	100.0	100.0	100.0
IV 0	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	96.3	97.9	98.4	98.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

01-63,74-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.7	51.3	52.4	52.4	53.2	53.2	53.2	53.4	53.4	53.4	54.2	54.2	54.2	54.5	55.0	55.0
> 20000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
≥ 18000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
IV 16000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
≥ 14000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
IV 12000	50.0	58.2	59.3	59.3	60.3	60.6	60.6	60.8	60.8	61.1	61.9	61.9	62.2	62.4	63.0	63.0
≥ 10000	52.6	61.1	62.2	62.2	63.2	63.5	63.5	63.8	63.8	64.0	64.8	64.8	65.1	65.3	65.9	65.9
IV 9000	53.4	62.2	63.2	63.2	64.3	64.6	64.6	65.1	65.1	65.3	66.1	66.1	66.4	66.7	67.2	67.2
≥ 8000	54.2	63.8	65.1	65.1	66.1	66.4	66.7	67.2	67.2	67.5	68.3	68.3	68.5	68.8	69.3	69.3
IV 7000	55.0	65.9	67.2	67.2	68.3	68.5	68.8	69.3	69.3	69.6	70.4	70.4	70.6	70.9	71.4	71.4
≥ 6000	55.6	66.7	68.0	68.0	69.0	69.3	69.6	70.1	70.1	70.4	71.2	71.2	71.4	71.7	72.2	72.2
IV 5000	56.6	67.7	69.0	69.0	70.4	70.6	70.9	71.4	71.4	71.7	72.5	72.5	72.8	73.0	73.5	73.5
≥ 4500	57.7	68.8	70.1	70.1	71.4	71.7	72.0	72.5	72.5	72.8	73.5	73.5	73.8	74.1	74.6	74.6
IV 4000	60.6	74.1	75.7	75.7	77.0	77.2	77.5	78.0	78.0	78.3	79.1	79.1	79.4	79.6	80.2	80.2
≥ 3500	61.5	75.4	77.0	77.0	78.3	78.6	78.8	79.4	79.4	79.6	80.4	80.4	80.7	81.0	81.5	81.5
IV 3000	62.7	78.3	79.9	79.9	81.2	81.5	81.7	82.3	82.3	82.5	83.3	83.3	83.6	83.9	84.4	84.4
≥ 2500	63.0	79.1	81.0	81.0	82.5	82.9	83.1	83.6	83.9	84.1	84.9	84.9	85.7	86.0	86.5	86.5
IV 2000	63.0	79.4	81.2	81.2	82.8	83.1	83.3	83.9	84.1	84.4	85.4	85.4	86.2	86.5	87.0	87.0
≥ 1800	63.2	79.6	81.5	81.5	83.1	83.3	83.6	84.1	84.4	84.7	85.7	85.7	86.5	86.8	87.3	87.3
IV 1500	63.5	79.9	81.7	81.7	83.3	83.6	83.9	84.7	84.9	85.2	86.2	86.2	87.3	87.6	88.1	88.1
≥ 1200	63.5	79.9	81.7	81.7	83.3	83.6	83.9	84.7	84.9	85.4	86.5	86.5	87.6	87.8	88.4	88.4
IV 1000	63.5	80.4	82.3	82.3	83.9	84.1	84.7	85.4	86.0	86.5	87.6	87.6	88.6	88.9	89.4	89.4
≥ 900	63.5	80.4	82.8	82.8	84.4	84.7	85.2	86.0	86.5	87.0	88.1	88.1	89.2	89.4	89.9	89.9
IV 800	63.5	80.7	83.3	83.3	84.9	85.2	85.7	86.5	87.0	87.8	88.9	88.9	90.2	90.5	91.0	91.0
≥ 700	63.5	80.7	83.3	83.3	84.9	85.4	86.2	87.0	87.8	88.9	89.9	89.9	91.3	91.5	92.1	92.1
IV 600	63.5	81.2	84.1	84.1	85.7	86.2	87.0	87.8	88.6	89.7	90.7	90.7	92.1	92.3	92.9	92.9
≥ 500	63.5	81.2	84.1	84.4	86.8	87.3	88.9	89.4	90.2	91.3	92.6	92.6	93.9	94.2	94.7	94.7
IV 400	63.5	81.2	84.1	84.4	86.8	87.3	88.9	89.7	90.5	91.3	93.1	93.1	94.4	94.7	95.2	95.2
≥ 300	63.5	81.2	84.1	84.4	87.0	87.6	89.2	90.5	91.3	93.4	94.7	94.7	96.3	96.6	97.1	97.1
IV 200	63.5	81.2	84.1	84.4	87.0	87.6	89.2	91.0	91.8	93.9	95.2	95.2	97.6	97.9	98.4	98.4
≥ 100	63.5	81.2	84.1	84.4	87.0	87.6	89.2	91.0	91.8	93.9	95.2	95.2	97.6	97.9	98.7	98.7
IV 0	63.5	81.2	84.1	84.4	87.0	87.6	89.2	91.0	91.8	93.9	95.2	95.2	97.6	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 378

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.8	49.3	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.8	61.2
≥ 18000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.8	61.2	61.7
≥ 16000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.8	61.2	61.7
≥ 14000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.8	61.2	61.7
≥ 12000	53.1	59.4	60.8	61.2	61.2	61.2	61.2	61.2	61.9	61.9	61.9	61.9	61.9	62.1	62.6	63.0
≥ 10000	55.4	62.8	64.1	64.6	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.2	65.2	65.5	65.9	66.4
≥ 9000	56.3	63.7	65.0	65.5	65.5	65.5	65.5	65.5	66.1	66.1	66.1	66.1	66.1	66.4	66.8	67.3
≥ 8000	58.7	66.6	67.9	68.4	68.4	68.4	68.4	68.4	69.1	69.1	69.1	69.1	69.1	69.3	69.7	70.2
≥ 7000	60.1	68.2	69.5	70.0	70.0	70.0	70.0	70.0	70.6	70.6	70.6	70.6	70.6	70.9	71.3	71.7
≥ 6000	60.3	68.8	70.2	70.6	70.6	70.6	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.5	72.0	72.4
≥ 5000	61.0	69.7	71.3	71.7	71.7	71.7	71.7	71.7	72.4	72.4	72.4	72.4	72.4	72.6	73.1	73.5
≥ 4500	61.9	70.5	72.2	72.6	72.6	72.6	72.6	72.6	73.3	73.3	73.3	73.3	73.3	73.5	74.0	74.4
≥ 4000	64.8	73.8	75.8	76.5	76.5	76.5	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.4	77.8	78.3
≥ 3500	66.4	76.0	78.0	79.1	79.1	79.1	79.1	79.1	79.8	79.8	79.8	79.8	79.8	80.0	80.5	80.9
≥ 3000	67.5	77.1	79.1	80.3	80.3	80.3	80.3	80.7	81.4	81.4	81.4	81.4	81.4	81.6	82.1	82.5
≥ 2500	67.7	77.4	79.6	80.9	81.2	81.6	81.8	83.2	83.4	83.6	83.6	83.6	83.6	84.1	84.5	85.0
≥ 2000	57.7	77.6	80.0	81.4	81.6	82.1	82.3	83.6	83.9	84.1	84.3	84.5	85.0	85.7	86.1	86.1
≥ 1800	67.7	77.6	80.0	81.4	81.6	82.1	82.3	83.6	83.9	84.1	84.3	84.5	85.0	85.7	86.1	86.1
≥ 1500	68.4	78.5	80.9	82.3	82.5	83.2	83.6	85.0	85.2	85.4	85.7	85.9	86.5	87.2	87.7	87.7
≥ 1200	68.4	78.5	80.9	82.3	82.5	83.4	84.1	85.4	85.7	85.9	86.1	86.3	87.0	87.7	88.1	88.1
≥ 1000	68.4	78.5	81.2	82.5	82.7	83.6	84.8	86.5	86.8	87.0	87.2	87.4	88.1	88.8	89.2	89.2
≥ 900	68.6	78.7	81.4	82.7	83.0	83.9	85.0	86.8	87.0	87.2	87.4	87.7	88.3	89.0	89.5	89.5
≥ 800	68.6	78.7	81.4	83.0	83.2	84.8	85.9	88.1	88.3	88.6	89.0	89.2	89.9	90.6	91.5	91.5
≥ 700	68.6	78.9	81.6	83.2	83.9	86.1	87.4	89.7	90.1	90.6	91.0	91.3	91.9	92.6	93.5	93.5
≥ 600	68.6	79.1	81.8	83.4	84.3	86.8	88.3	90.8	91.3	91.7	92.4	92.6	93.3	93.9	94.8	94.8
≥ 500	68.6	79.1	81.8	83.4	84.5	87.0	88.8	91.3	91.7	92.2	92.8	93.0	93.7	94.4	95.3	95.3
≥ 400	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	93.9	95.1	95.3	96.0	96.6	97.5	97.5
≥ 300	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	98.0
≥ 200	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	99.1
≥ 100	66.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	100.0
≥ 0	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

61-63,74-76

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥5/16	¼	≥0	
NO CEILING	46.1	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	50.6	51.0	51.0	51.7
≥ 20000	55.3	58.9	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	61.3	61.8	61.8	61.9
IV 18000	55.3	58.9	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	61.3	61.8	61.8	61.9
IV 16000	56.0	59.6	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.7	60.7	62.0	62.5	62.5	62.5
IV 14000	56.0	60.0	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	62.5	62.9	62.9	62.9
IV 12000	56.4	60.7	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	63.1	63.6	63.6	63.7
IV 10000	59.8	64.9	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	67.4	67.9	67.9	67.9
IV 9000	59.8	64.9	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	67.4	67.9	67.9	67.9
IV 8000	61.6	67.2	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8	70.1	70.6	70.6	70.6
IV 7000	62.9	68.5	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	71.5	71.9	71.9	71.9
IV 6000	62.9	69.2	70.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	72.1	72.6	72.6	72.6
IV 5000	62.9	69.2	70.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	72.1	72.6	72.6	72.6
IV 4500	63.8	70.1	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	73.0	73.5	73.5	73.5
IV 4000	66.5	73.0	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	76.9	77.3	77.3	77.3
IV 3500	68.8	76.2	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.7	80.0	80.4	80.4	80.4
IV 3000	70.8	78.9	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	82.7	83.1	83.1	83.1
IV 2500	72.4	81.3	83.1	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6	86.0	86.4	86.4	86.4
IV 2000	72.4	82.0	84.0	85.2	85.6	85.6	85.6	85.6	85.6	85.6	86.0	86.0	87.4	87.8	87.8	87.8
IV 1800	72.4	82.0	84.0	85.2	85.6	85.6	85.6	85.6	85.6	85.6	86.0	86.0	87.4	87.8	87.8	87.8
IV 1500	72.6	82.2	84.5	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7	88.1	88.5	88.5	88.5
IV 1200	72.6	82.5	84.7	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.0	87.0	88.4	88.8	88.8	88.8
IV 1000	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.2	87.2	88.6	89.0	89.0	89.0
IV 900	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.2	87.2	88.6	89.0	89.0	89.0
IV 800	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.2	87.2	88.6	89.0	89.0	89.0
IV 700	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.2	87.2	88.6	89.0	89.0	89.0
IV 600	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.8	88.8	90.2	90.6	90.6	90.6
IV 500	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.8	88.8	90.2	90.6	90.6	90.6
IV 400	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.8	88.8	90.2	90.6	90.6	90.6
IV 300	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.8	88.8	90.2	90.6	90.6	90.6
IV 200	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.8	88.8	90.2	90.6	90.6	90.6
IV 100	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.8	88.8	90.2	90.6	90.6	90.6
IV 0	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.8	88.8	90.2	90.6	90.6	90.6

TOTAL NUMBER OF OBSERVATIONS 445

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	1	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0	
NO CEILING	44.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	47.1	47.1	47.1	47.8
≥ 20000	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	59.1	59.1	59.1	59.8
≥ 18000	56.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	60.0	60.0	60.0	60.8
≥ 16000	56.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	60.2	60.3	60.3	61.0
≥ 14000	57.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	62.0	62.0	62.0	62.7
≥ 12000	59.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.9	63.9	63.9	64.6
≥ 10000	63.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	68.7	68.7	68.7	69.4
≥ 9000	63.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	69.6	69.6	69.6	70.3
≥ 8000	65.6	70.1	70.1	70.1	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	72.2	72.2	72.2	73.0
≥ 7000	66.0	70.8	70.8	70.8	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	73.0	73.0	73.0	73.7
≥ 6000	66.5	71.8	71.8	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.9	73.9	73.9	74.6
≥ 5000	66.7	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	74.4	74.4	74.4	75.1
≥ 4500	67.5	73.0	73.0	73.0	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	75.1	75.1	75.1	75.8
≥ 4000	69.9	75.6	75.6	75.6	75.6	75.8	76.6	77.0	77.0	77.0	77.3	77.3	77.3	78.9	78.9	78.9	79.7
≥ 3500	70.8	77.3	77.3	77.3	77.5	78.2	78.7	78.7	78.7	78.7	78.9	78.9	78.9	80.6	80.6	80.6	81.3
≥ 3000	74.2	81.8	82.1	82.1	82.3	83.0	83.7	83.7	83.7	84.0	84.0	84.0	84.0	85.6	85.6	85.6	86.4
≥ 2500	75.6	84.7	84.9	84.9	85.2	85.9	86.6	86.6	86.6	86.8	87.1	87.1	87.1	88.8	88.8	88.8	89.5
≥ 2000	76.1	85.6	86.4	86.8	87.1	87.8	88.5	88.5	88.5	88.8	89.0	89.0	89.0	90.7	90.7	90.7	91.4
≥ 1800	76.1	85.6	86.4	86.8	87.1	87.8	88.5	88.5	88.5	88.8	89.0	89.0	89.0	90.7	90.7	90.7	91.4
≥ 1500	76.1	85.9	86.6	87.1	87.6	88.3	89.0	89.2	89.2	89.7	90.0	90.0	90.0	91.6	91.6	91.6	92.3
≥ 1200	76.1	86.1	86.8	87.3	87.8	88.5	89.2	89.5	89.5	90.0	90.2	90.2	90.2	91.9	91.9	91.9	92.6
≥ 1000	76.1	86.1	86.8	87.3	87.8	88.5	89.2	89.7	89.7	90.7	90.9	90.9	90.9	92.6	92.6	92.6	93.3
≥ 900	76.1	86.1	86.8	87.3	88.0	88.8	89.5	90.2	90.2	91.1	91.6	91.6	91.6	93.3	93.3	93.3	94.0
≥ 800	76.1	86.1	86.8	87.6	88.5	89.5	90.2	90.9	90.9	91.9	92.3	92.3	92.3	94.0	94.0	94.0	94.7
≥ 700	76.1	86.1	86.8	87.6	88.5	89.5	90.4	91.4	91.4	92.3	92.8	92.8	92.8	94.5	95.0	95.0	95.7
≥ 600	76.1	86.1	86.8	87.6	88.8	89.7	90.7	92.1	92.1	93.1	93.5	93.5	93.5	95.2	95.7	95.7	96.4
≥ 500	76.1	86.1	86.8	87.6	88.8	90.2	91.6	93.5	93.5	94.7	95.2	95.2	95.2	96.9	97.4	97.6	98.3
≥ 400	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	95.9	95.9	95.9	97.6	98.1	98.3	99.3
≥ 300	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6	99.8
≥ 200	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6	100.0
≥ 100	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6	100.0
≥ 0	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 418

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVERES AAF MASS

61-63, 74-76

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.1	51.9	52.2	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
≥ 20000	51.9	63.1	63.4	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
≥ 18000	52.2	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	52.2	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	53.1	65.2	65.5	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
≥ 12000	54.0	66.1	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	66.7
≥ 10000	58.1	70.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	59.0	72.3	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	59.9	73.7	74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	59.9	74.9	75.5	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	60.2	75.2	75.8	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	60.2	77.0	77.9	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	60.5	77.9	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	63.7	82.0	82.9	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	63.7	82.0	82.9	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	64.9	85.5	86.7	87.3	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	64.9	85.8	87.3	87.9	88.5	88.8	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	64.9	87.6	89.1	89.7	90.9	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	64.9	87.6	89.1	89.7	90.9	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 400	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 300	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 200	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 100	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 0	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS 339

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	49.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	44.0	59.1	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	61.1
≥ 18000	44.4	59.5	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 16000	44.4	59.5	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000	45.6	60.7	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	47.6	62.7	64.3	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
≥ 10000	49.6	65.1	67.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	50.4	65.9	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	52.4	69.8	71.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	52.9	71.0	73.4	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	53.2	71.4	73.8	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	53.6	71.8	74.2	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	54.8	73.0	75.4	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	57.1	75.4	77.8	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	58.7	77.4	79.8	81.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	60.3	80.2	82.9	84.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	60.7	81.3	84.1	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	61.9	82.9	85.7	86.9	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	61.9	82.9	85.7	86.9	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	61.9	84.1	86.9	88.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	61.9	84.5	87.7	88.9	90.1	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	61.9	84.5	88.9	90.1	91.7	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	61.9	84.9	89.3	90.9	92.5	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	61.9	84.9	89.3	90.9	92.5	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	61.9	84.9	89.3	91.3	93.7	94.4	95.2	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	61.9	84.9	89.3	91.3	93.7	94.4	95.2	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	61.9	84.9	89.3	91.3	94.8	95.6	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 252

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	42.9	47.6	51.2	51.2	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
≥ 20000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	51.2	57.1	60.7	60.7	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
≥ 9000	51.2	57.1	60.7	60.7	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
≥ 8000	52.4	59.5	63.1	63.1	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
≥ 7000	55.4	63.1	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	55.4	63.1	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	55.4	66.1	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	55.4	66.1	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	55.4	66.7	70.2	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3500	56.0	67.3	70.8	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	56.0	69.6	73.2	73.8	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	56.0	70.2	73.8	74.4	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	57.1	73.2	76.8	77.4	78.0	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	57.1	73.8	78.0	78.6	79.2	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500	57.1	73.8	78.0	78.6	79.2	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1200	57.7	74.4	82.1	82.7	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	57.7	74.4	82.1	83.3	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	57.7	74.4	82.1	83.3	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 800	57.7	74.4	82.1	83.3	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 700	57.7	74.4	82.1	83.3	85.1	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 600	57.7	74.4	82.1	83.3	85.7	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 500	57.7	74.4	82.1	83.3	87.5	89.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 400	57.7	74.4	82.1	83.3	87.5	89.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 200	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 0	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	40.6	48.2	49.4	49.4	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	48.2	57.6	58.8	58.8	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 9000	48.8	58.2	59.4	59.4	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	51.2	60.6	61.8	61.8	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	52.4	62.4	63.5	63.5	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	52.9	64.1	65.3	65.3	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	52.9	65.9	67.1	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
≥ 4500	52.9	67.6	68.8	68.8	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	55.3	70.6	71.8	71.8	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	55.3	70.6	71.8	71.8	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	56.5	73.5	74.7	74.7	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	56.5	74.1	75.3	75.3	77.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	56.5	75.3	76.5	76.5	78.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	56.5	75.3	76.5	76.5	78.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	56.5	75.9	77.1	77.1	79.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	57.6	77.6	80.0	80.6	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1000	57.6	77.6	80.0	80.6	82.4	83.5	83.5	83.5	83.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900	57.6	77.6	80.6	81.2	82.9	84.7	84.7	84.7	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 800	57.6	77.6	80.6	81.8	83.5	85.3	85.9	85.9	85.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	57.6	77.6	80.6	81.8	83.5	85.9	86.5	86.5	86.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 600	57.6	77.6	80.6	81.8	84.1	86.5	87.1	87.1	87.1	88.2	88.2	89.4	89.4	89.4	89.4	89.4
≥ 500	57.6	77.6	80.6	81.8	84.1	87.1	88.2	88.2	88.2	90.0	90.0	91.2	91.8	91.8	91.8	91.8
≥ 400	57.6	77.6	80.6	81.8	84.1	87.1	88.2	89.4	90.6	91.8	91.8	92.9	93.5	93.5	93.5	93.5
≥ 300	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.4	93.5	94.7	94.7	95.9	96.5	96.5	96.5	96.5
≥ 200	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.9	94.1	96.5	96.5	97.6	98.2	98.2	98.2	98.2
≥ 100	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.9	94.1	96.5	96.5	97.6	99.4	100.0	100.0	100.0
≥ 0	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.9	94.1	96.5	96.5	97.6	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 170

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FUPT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	41.3	45.9	45.9	46.4	46.9	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	48.2	48.2
≥ 20000	46.7	53.3	53.3	53.8	54.3	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5	56.0	56.0
≥ 18000	47.2	54.1	54.1	54.5	55.0	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.8	56.8
≥ 16000	47.2	54.1	54.1	54.5	55.0	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.8	56.8
≥ 14000	47.4	54.3	54.3	54.8	55.3	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	57.0	57.0
≥ 12000	47.4	54.5	54.5	55.0	55.8	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.5	57.5
≥ 10000	50.1	57.2	57.2	57.7	58.5	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	60.2	60.2
≥ 9000	50.9	58.5	58.7	59.2	60.0	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.7	61.7
≥ 8000	52.1	60.2	60.9	61.4	62.2	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.4	63.4	63.9	63.9
≥ 7000	53.1	62.4	63.1	63.6	64.6	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.3	66.3
≥ 6000	53.6	62.9	63.6	64.1	65.1	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.8	66.8
≥ 5000	56.3	66.6	67.3	67.8	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.5	70.5
≥ 4500	56.3	66.8	67.6	68.1	69.0	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3	70.8	70.8
≥ 4000	57.2	69.0	69.8	70.3	71.3	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.5	72.5	73.0	73.0
≥ 3500	57.7	70.8	71.7	72.2	73.2	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.9	74.9
≥ 3000	58.7	74.7	75.7	76.2	77.1	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.9	78.9
≥ 2500	58.7	75.2	76.2	76.9	78.1	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	80.1	80.1
≥ 2000	59.0	75.7	76.7	77.6	79.6	80.3	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.8	81.8
≥ 1800	59.0	75.7	76.9	77.9	79.9	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.6	81.6	82.1	82.1
≥ 1500	59.0	75.7	76.9	77.9	79.9	81.1	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.8	82.8
≥ 1200	59.0	75.9	77.6	78.6	80.6	82.3	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	84.0	84.0
≥ 1000	59.0	75.9	77.9	78.9	80.8	82.6	83.5	83.8	83.8	83.8	84.0	84.3	84.3	84.5	84.5	85.0	85.0
≥ 900	59.0	76.2	78.4	79.6	81.6	83.3	84.3	84.5	84.5	85.0	85.3	85.3	85.3	85.5	85.5	86.0	86.0
≥ 800	59.0	76.2	78.6	79.9	82.1	84.0	85.0	86.2	86.2	87.2	88.0	88.0	88.0	88.2	88.2	88.7	88.7
≥ 700	59.0	76.2	78.6	79.9	82.1	84.0	85.0	86.5	86.5	87.5	88.5	88.7	88.7	88.9	88.9	89.4	89.4
≥ 600	59.0	76.4	78.9	80.1	82.6	84.8	85.7	87.5	87.5	88.7	89.7	90.2	90.4	90.7	91.2	91.2	91.2
≥ 500	59.0	76.4	78.9	80.1	82.8	85.0	86.2	88.0	88.0	89.2	90.4	90.9	91.2	91.4	91.4	91.9	91.9
≥ 400	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	91.4	93.1	93.6	93.9	94.1	94.1	94.8	94.8
≥ 300	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	91.6	93.4	93.9	94.1	94.3	94.3	95.3	95.3
≥ 200	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	92.1	94.1	94.6	95.3	95.6	95.6	96.6	96.8
≥ 100	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	92.1	94.1	94.6	95.6	96.3	96.3	98.0	98.3
≥ 0	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	92.1	94.1	94.6	95.6	96.3	96.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 407

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

C900-1100
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.8	45.2	45.2	45.2	45.2	45.5	45.5	45.5	45.5	45.7	45.7	45.7	46.8	47.0	47.2	47.2
≥ 20000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 18000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 16000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 14000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 12000	50.0	55.2	55.4	56.1	56.5	56.9	56.9	56.9	56.9	57.1	57.1	57.1	58.2	58.4	58.7	58.7
≥ 10000	51.7	56.9	57.1	58.0	58.7	59.1	59.1	59.1	59.1	59.3	59.3	59.3	60.4	60.6	60.8	60.8
≥ 9000	52.6	57.8	58.0	58.9	59.5	60.0	60.0	60.0	60.0	60.2	60.2	60.2	61.3	61.5	61.7	61.7
≥ 8000	56.7	62.8	63.4	64.3	64.9	65.4	65.4	65.4	65.4	65.6	65.6	65.6	66.7	66.9	67.1	67.1
≥ 7000	56.9	64.1	64.7	65.6	66.2	66.7	66.7	66.7	66.7	66.9	66.9	66.9	68.0	68.2	68.4	68.4
≥ 6000	58.2	65.4	66.0	66.9	67.5	68.0	68.0	68.0	68.0	68.2	68.2	68.2	69.3	69.5	69.7	69.7
≥ 5000	59.3	66.9	67.5	68.4	69.0	69.5	69.5	69.5	69.5	69.7	69.7	69.7	70.8	71.0	71.2	71.2
≥ 4500	59.7	67.3	68.0	68.8	69.5	69.9	69.9	69.9	69.9	70.1	70.1	70.1	71.2	71.4	71.6	71.6
≥ 4000	62.6	70.6	71.2	72.3	72.9	73.4	73.4	73.4	73.6	73.8	73.8	73.8	74.9	75.1	75.3	75.3
≥ 3500	63.0	71.2	71.9	72.9	73.6	74.0	74.0	74.2	74.2	74.5	74.5	74.5	75.5	75.8	76.0	76.0
≥ 3000	64.1	72.7	73.8	74.9	75.5	76.0	76.0	76.2	76.2	76.4	76.4	76.4	77.5	77.7	77.9	77.9
≥ 2500	64.5	73.8	74.9	76.0	76.8	77.3	77.3	77.5	77.5	77.7	77.7	77.7	78.8	79.0	79.2	79.2
≥ 2000	64.5	74.5	75.8	77.1	78.4	79.0	79.4	79.7	79.7	79.9	79.9	79.9	81.0	81.2	81.4	81.4
≥ 1800	64.5	74.5	75.8	77.1	78.4	79.0	79.4	79.7	79.7	79.9	79.9	79.9	81.0	81.2	81.4	81.4
≥ 1500	64.7	75.1	76.8	78.6	80.1	80.7	81.6	82.0	82.0	82.3	82.3	82.3	83.5	83.8	83.8	83.8
≥ 1200	64.7	75.1	77.1	78.8	81.0	81.8	83.3	83.8	83.8	84.2	84.2	84.2	85.5	85.7	85.9	85.9
≥ 1000	64.7	75.1	77.1	78.8	81.2	82.3	84.0	84.4	84.4	84.8	85.1	85.1	86.4	86.6	86.8	86.8
≥ 900	64.7	75.1	77.1	79.0	81.4	82.5	84.4	85.1	85.3	85.7	85.9	85.9	87.2	87.4	87.7	87.7
≥ 800	64.7	75.3	77.5	79.4	81.8	82.9	85.3	86.8	87.0	87.9	88.3	88.5	89.8	90.0	90.3	90.3
≥ 700	64.7	75.3	77.5	79.4	81.8	82.9	85.3	87.0	87.2	88.1	88.7	89.0	90.3	90.5	90.7	90.7
≥ 600	64.7	76.0	78.4	80.5	82.9	84.0	86.6	88.5	88.7	89.6	90.5	90.7	92.0	92.6	93.1	93.1
≥ 500	64.7	76.0	78.4	80.5	83.1	84.2	87.2	89.6	89.8	90.9	92.2	92.4	94.2	94.8	95.2	95.2
≥ 400	64.7	76.0	78.4	80.5	83.1	84.6	87.9	90.3	90.5	91.8	93.1	93.3	95.2	95.9	96.3	96.3
≥ 300	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.3	93.9	96.1	96.8	97.4	97.4
≥ 200	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.5	94.2	96.3	97.2	98.1	98.3
≥ 100	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.5	94.2	96.3	97.2	98.5	99.6
≥ 0	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.5	94.2	96.3	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 462

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

01-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	42.0	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4	45.1	45.3	45.5	45.5
≥ 20000	51.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	56.6	56.9	57.1
≥ 18000	51.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	56.6	56.9	57.1
≥ 16000	51.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	56.6	56.9	57.1
≥ 14000	52.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	57.1	57.3	57.5	57.5
≥ 12000	54.2	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	59.0	59.3	59.5	59.5
≥ 10000	56.9	59.9	60.3	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2	63.0	63.2	63.4	63.4
≥ 9000	58.4	61.4	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0	64.7	64.9	65.1
≥ 8000	61.0	64.7	65.4	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	68.0	68.2	68.4	68.4
≥ 7000	62.5	66.7	67.3	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	69.9	70.2	70.4	70.4
≥ 6000	63.0	67.5	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1	70.8	71.0	71.2	71.2
≥ 5000	63.8	68.4	69.1	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	71.7	71.9	72.1	72.1
≥ 4500	64.1	68.8	69.5	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	72.1	72.3	72.5	72.5
≥ 4000	65.8	71.0	71.7	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	74.7	74.9	75.2	75.2
≥ 3500	67.1	73.4	74.3	74.7	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	77.6	77.8	78.0	78.0
≥ 3000	69.5	77.1	78.2	78.6	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	81.5	81.7	81.9	81.9
≥ 2500	69.5	77.8	79.1	79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	82.4	82.6	82.8	82.8
≥ 2000	69.7	78.0	79.5	80.6	81.7	81.7	82.6	82.6	82.6	82.6	82.6	82.8	84.5	84.7	85.0	85.0
≥ 1800	69.7	78.0	79.5	80.6	81.7	81.7	82.6	82.6	82.6	82.6	82.6	82.8	84.5	84.7	85.0	85.0
≥ 1500	69.7	79.3	80.8	82.4	83.4	83.4	84.5	84.7	84.7	84.7	84.7	85.0	86.7	86.9	87.1	87.1
≥ 1200	69.7	79.5	81.3	82.8	84.1	84.1	85.6	85.8	85.8	85.8	85.8	86.1	87.8	88.0	88.2	88.2
≥ 1000	69.7	79.7	81.5	83.2	84.5	84.5	86.5	86.9	86.9	87.6	87.6	87.8	89.5	89.8	90.0	90.0
≥ 900	69.7	80.0	81.7	83.4	84.7	85.0	86.9	87.4	87.6	88.2	88.2	88.5	90.2	90.4	90.6	90.6
≥ 800	69.7	80.0	81.7	83.4	85.0	85.2	87.1	87.6	87.8	88.5	88.7	88.9	90.6	90.8	91.1	91.1
≥ 700	69.7	80.0	81.7	83.7	85.2	85.4	87.6	88.2	88.5	89.1	89.3	89.8	91.5	91.7	91.9	91.9
≥ 600	69.7	80.0	81.9	84.1	85.6	85.8	88.5	89.5	89.8	90.8	91.1	91.7	93.9	94.1	94.3	94.3
≥ 500	69.7	80.0	81.9	84.5	86.1	86.3	89.1	90.4	90.6	91.7	91.9	92.6	95.0	95.2	95.4	95.4
≥ 400	69.7	80.0	81.9	84.5	86.1	86.5	89.5	90.8	91.1	92.2	92.6	93.2	95.9	96.1	96.5	96.5
≥ 300	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.0	93.5	94.1	96.7	97.4	98.0	98.0
≥ 200	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.5	93.9	94.6	97.2	98.0	98.7	98.7
≥ 100	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.5	93.9	94.6	97.8	98.7	99.3	100.0
≥ 0	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.5	93.9	94.6	97.8	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 459

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

01-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	49.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.5	51.2	51.2	51.4	52.1	52.1	52.1
≥ 20000	59.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	61.3	61.3	61.5	62.2	62.2	62.2
≥ 18000	59.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	61.3	61.3	61.5	62.2	62.2	62.2
≥ 16000	59.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	61.3	61.3	61.5	62.2	62.2	62.2
≥ 14000	59.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.1	61.8	61.8	62.0	62.7	62.7	62.7
≥ 12000	61.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.9	63.6	63.6	63.8	64.5	64.5	64.5
≥ 10000	63.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	66.4	66.4	66.6	67.3	67.3	67.3
≥ 9000	64.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	68.0	68.0	68.2	68.9	68.9	68.9
≥ 8000	66.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	71.0	71.0	71.2	71.9	71.9	71.9
≥ 7000	67.5	72.1	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.8	73.5	73.5	73.7	74.4	74.4	74.4
≥ 6000	67.5	72.4	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.3	74.0	74.0	74.2	74.9	74.9	74.9
≥ 5000	68.0	73.3	73.3	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.2	74.9	74.9	75.1	75.8	75.8	75.8
≥ 4500	68.7	74.2	74.2	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.1	75.8	75.8	76.0	76.7	76.7	76.7
≥ 4000	70.5	76.3	76.3	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.4	78.1	78.1	78.3	79.0	79.0	79.0
≥ 3500	71.7	77.9	77.9	78.6	78.6	78.8	78.8	78.8	78.8	78.8	79.0	79.7	79.7	79.7	80.0	80.6	80.6
≥ 3000	74.2	81.6	81.6	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.7	83.4	83.4	83.6	84.3	84.3	84.3
≥ 2500	75.6	83.6	83.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.3	85.9	85.9	86.2	86.9	86.9	86.9
≥ 2000	75.6	84.8	84.8	86.2	86.4	86.6	86.6	87.1	87.1	87.1	87.3	88.0	88.0	88.2	88.9	88.9	88.9
≥ 1800	75.6	84.8	84.8	86.2	86.4	86.6	86.6	87.1	87.1	87.1	87.3	88.0	88.0	88.2	88.9	88.9	88.9
≥ 1500	75.6	84.8	84.8	86.2	86.6	86.9	87.6	87.6	87.6	87.6	87.8	88.5	88.5	88.7	89.4	89.4	89.4
≥ 1200	75.6	85.0	85.0	86.4	86.9	87.3	88.0	88.2	88.5	88.5	88.7	89.4	89.4	89.6	90.3	90.3	90.3
≥ 1000	75.8	85.3	85.3	86.9	87.3	88.2	88.9	89.2	89.4	89.4	89.6	90.3	90.3	90.6	91.2	91.2	91.2
≥ 900	75.8	85.3	85.3	86.9	87.3	88.2	88.9	89.2	89.4	89.4	89.6	90.3	90.3	90.6	91.2	91.2	91.2
≥ 800	75.8	85.3	85.3	86.9	87.3	88.2	88.9	89.2	89.4	89.4	89.6	90.3	90.3	90.6	91.2	91.2	91.2
≥ 700	75.8	85.3	85.3	86.9	87.3	88.5	89.2	89.6	89.9	89.9	90.1	90.8	90.8	91.0	91.7	91.7	91.7
≥ 600	75.8	85.3	85.3	86.9	87.8	89.6	91.8	91.7	91.9	91.9	92.4	93.3	93.3	93.8	94.5	94.7	94.7
≥ 500	75.8	85.3	85.3	86.9	88.0	90.1	91.5	92.4	92.6	92.6	93.3	94.2	94.2	94.9	95.6	95.9	95.9
≥ 400	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	93.5	94.5	95.4	95.4	96.8	97.5	97.7	97.7
≥ 300	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	93.5	94.5	95.6	95.6	97.2	97.9	98.4	98.4
≥ 200	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	93.5	94.5	95.6	95.6	97.7	98.4	100.0	100.0
≥ 100	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	93.5	94.5	95.6	95.6	97.7	98.4	100.0	100.0
≥ 0	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	93.5	94.5	95.6	95.6	97.7	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 434

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	49.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6	54.2	54.2	54.2	54.2
≥ 20000	56.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	62.1	62.1	62.1	62.1
≥ 18000	56.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	62.1	62.1	62.1	62.1
≥ 16000	56.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	62.1	62.1	62.1	62.1
≥ 14000	56.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.4	63.0	63.0	63.0	63.0
≥ 12000	57.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.8	64.8	64.8	64.8
≥ 10000	60.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	68.2	68.2	68.2	68.2
≥ 9000	62.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	70.0	70.0	70.0	70.0
≥ 8000	64.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.6	73.6	73.6	73.6
≥ 7000	65.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	76.1	76.1	76.1	76.1
≥ 6000	65.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.8	76.4	76.4	76.4	76.4
≥ 5000	65.5	75.8	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.7	77.3	77.3	77.3	77.3
≥ 4500	66.4	77.9	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.8	79.4	79.4	79.4	79.4
≥ 4000	67.0	78.8	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.7	80.3	80.3	80.3	80.3
≥ 3500	67.0	79.1	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.6	80.6	80.6	80.6
≥ 3000	68.5	81.2	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	82.1	82.7	82.7	82.7	82.7
≥ 2500	68.8	82.7	83.0	83.0	83.0	83.6	83.9	83.9	83.9	83.9	83.9	84.2	84.8	84.8	84.8	84.8
≥ 2000	68.8	83.0	83.3	83.3	83.3	83.9	84.2	84.2	84.2	84.2	84.2	84.5	85.2	85.2	85.2	85.2
≥ 1800	68.8	83.0	83.3	83.3	83.3	83.9	84.2	84.2	84.2	84.2	84.2	84.5	85.2	85.2	85.2	85.2
≥ 1500	68.8	83.3	83.6	83.6	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.8	85.5	85.5	85.5	85.5
≥ 1200	68.8	83.3	83.6	83.6	83.6	84.5	84.8	84.8	84.8	84.8	84.8	85.2	85.8	85.8	85.8	85.8
≥ 1000	68.8	83.3	83.6	83.6	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.5	86.1	86.1	86.1	86.1
≥ 900	68.8	83.6	83.9	83.9	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.8	86.4	86.4	86.4	86.4
≥ 800	68.8	83.6	83.9	83.9	84.8	85.5	85.5	85.5	85.5	85.5	85.5	86.1	86.7	86.7	86.7	86.7
≥ 700	68.8	83.9	84.2	84.2	85.4	87.0	87.0	87.0	87.0	87.0	87.0	87.6	88.5	88.5	88.5	88.5
≥ 600	68.8	84.8	85.8	85.8	87.9	88.5	89.1	89.1	89.1	89.1	89.1	89.7	90.6	90.6	90.6	90.6
≥ 500	68.8	84.8	85.8	86.1	89.1	90.0	90.6	91.2	91.8	91.8	91.8	92.4	93.3	93.6	93.6	93.6
≥ 400	68.8	84.8	85.8	86.1	89.4	90.3	91.2	92.1	92.7	92.7	92.7	93.3	94.5	94.8	94.8	94.8
≥ 300	68.8	84.8	85.8	86.1	89.4	91.2	92.7	93.6	94.2	94.2	94.2	94.8	96.7	97.6	97.9	97.9
≥ 200	68.8	84.8	85.8	86.1	89.4	91.2	92.7	93.6	94.2	94.2	94.2	95.2	97.0	98.2	98.8	98.8
≥ 100	68.8	84.8	85.8	86.1	89.4	91.2	92.7	93.6	94.2	94.2	94.2	95.2	97.0	98.2	98.8	99.1
≥ 0	68.8	84.8	85.8	86.1	89.4	91.2	92.7	93.6	94.2	94.2	94.2	95.2	97.0	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 330

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FLRT DEVELS AAF MASS

61-63,76

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	48.0	53.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 18000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
16000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	57.4
IV 14000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
12000	52.4	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 10000	54.1	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8
9000	54.6	63.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 8000	55.9	64.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4
7000	59.8	69.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 6000	59.8	69.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5
5000	60.3	70.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4500	60.3	72.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7
4000	61.6	73.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 3500	61.6	73.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0
3000	62.0	74.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 2500	62.0	75.5	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6
2000	62.0	77.3	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 1800	62.0	77.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2
1500	62.0	77.7	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1200	62.0	78.2	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1000	62.0	78.6	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 900	62.0	78.6	82.1	83.0	83.0	83.0	83.0	83.0	83.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
800	62.0	78.6	82.1	83.4	83.4	83.4	83.4	83.4	83.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 700	62.0	78.6	82.1	83.4	83.8	83.8	83.8	83.8	83.8	85.6	85.6	85.6	85.6	85.6	85.6	85.6
600	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 500	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
400	62.0	78.6	82.1	83.4	85.6	85.6	85.6	85.6	85.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 300	62.0	78.6	82.1	83.4	85.6	87.8	88.2	88.2	88.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
200	62.0	78.6	82.1	83.4	85.6	89.1	90.8	90.8	90.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 100	62.0	78.6	82.1	83.4	85.6	89.1	90.8	90.8	90.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
0	62.0	78.6	82.1	83.4	85.6	89.1	90.8	90.8	90.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS

229

DATA PROCESSING BRANCH
 HER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FLRT DEWENS AAF MASS

62-63

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-0200
 HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥5/16	¼	≥0
NO CEILING	50.0	57.0	57.0	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	51.6	58.6	58.6	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
IV 18000	51.6	58.6	58.6	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
IV 16000	51.6	58.6	58.6	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
IV 14000	51.6	58.6	58.6	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
IV 12000	52.7	61.3	61.3	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 10000	55.9	64.5	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 9000	55.9	67.2	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 8000	55.9	67.7	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 7000	57.0	71.0	71.0	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 6000	57.5	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 5000	57.5	72.0	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4500	59.1	73.7	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4000	59.1	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 3500	60.2	76.3	76.3	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 3000	60.2	79.6	79.6	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2500	61.3	81.2	81.2	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2000	61.3	82.8	83.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1800	61.3	82.8	83.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1500	61.3	82.8	83.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1200	61.3	82.8	83.3	84.4	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1000	61.3	82.8	83.3	84.4	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 900	61.3	83.3	83.9	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 800	61.3	83.3	84.4	86.0	87.1	89.8	90.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 700	61.3	83.3	84.9	86.6	87.6	90.3	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 600	61.3	83.9	85.5	87.1	88.2	90.9	91.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 500	61.3	83.9	85.5	87.1	88.2	90.9	91.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 400	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 300	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 200	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 100	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 0	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENES AAF MASS

52-63 YEARS

YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	48.4	54.3	55.9	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	50.0	58.6	60.2	60.2	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	50.0	58.6	60.2	60.2	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	50.0	58.6	60.2	60.2	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	51.1	60.2	61.8	61.8	62.4	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	52.7	62.4	64.0	64.0	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	52.7	64.0	65.6	65.6	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	52.7	65.6	67.7	67.7	68.3	68.3	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	52.7	65.6	67.7	67.7	68.3	68.3	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	52.7	65.6	67.7	67.7	68.3	68.3	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	52.7	65.6	67.7	67.7	68.3	68.3	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	54.3	68.3	70.4	70.4	71.0	71.0	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	54.3	68.3	70.4	70.4	71.0	71.0	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	54.3	69.9	72.0	72.0	73.1	73.1	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	54.8	71.0	74.2	74.2	75.8	75.8	76.3	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	55.4	72.6	76.3	76.3	78.0	78.0	78.5	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	55.9	73.1	76.9	76.9	78.5	78.5	79.0	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1800	55.9	73.1	76.9	76.9	78.5	78.5	79.0	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	55.9	73.1	76.9	76.9	78.5	78.5	79.0	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1200	55.9	73.1	77.4	77.4	79.0	79.0	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1000	55.9	73.7	79.6	79.6	81.7	81.7	83.3	85.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 900	55.9	73.7	79.6	79.6	81.7	81.7	83.3	85.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 800	55.9	73.7	81.2	81.2	84.4	84.4	86.6	86.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	55.9	75.3	83.3	83.3	87.1	87.1	89.2	91.4	93.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	55.9	75.3	83.3	83.3	87.1	87.1	89.8	91.9	94.1	95.2	95.2	95.7	95.7	95.7	95.7	95.7
≥ 400	55.9	75.3	83.3	83.3	87.1	87.1	89.8	91.9	94.1	95.7	95.7	96.2	96.2	96.2	96.2	96.2
≥ 300	55.9	75.3	83.3	83.3	87.1	87.1	89.8	91.9	94.6	96.2	96.2	96.8	96.8	96.8	96.8	96.8
≥ 200	55.9	75.3	83.3	83.3	87.6	87.6	90.3	92.5	95.2	96.8	96.8	97.8	97.8	98.4	98.4	98.4
≥ 100	55.9	75.3	83.3	83.3	87.6	87.6	90.3	92.5	95.2	96.8	96.8	97.8	97.8	98.4	98.4	98.4
≥ 0	55.9	75.3	83.3	83.3	87.6	87.6	90.3	92.5	95.2	96.8	96.8	97.8	97.8	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AFB MASS STATION NAME

51-63,74-76 YEARS

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	47.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.6	52.6	52.6	53.0	53.3	53.3	53.5
≥ 20000	52.2	58.5	59.1	59.8	59.8	59.8	60.0	60.0	60.0	60.6	60.8	60.8	61.0	61.2	61.2	61.4
≥ 18000	52.2	58.5	59.1	59.8	59.8	59.8	60.0	60.0	60.0	60.6	60.8	60.8	61.0	61.2	61.2	61.4
≥ 16000	52.2	58.5	59.1	59.8	59.8	59.8	60.0	60.0	60.0	60.6	60.8	60.8	61.0	61.2	61.2	61.4
≥ 14000	52.8	59.3	60.0	60.6	60.6	60.6	60.8	60.8	60.8	61.4	61.6	61.6	61.8	62.0	62.0	62.2
≥ 12000	54.3	61.2	61.8	62.4	62.4	62.4	62.6	62.6	62.6	63.2	63.4	63.4	63.6	63.8	63.8	64.0
≥ 10000	57.1	64.2	64.8	65.4	65.4	65.4	65.7	65.7	65.7	66.3	66.5	66.5	66.7	66.9	66.9	67.1
≥ 9000	57.1	64.2	65.0	65.9	65.9	65.9	66.1	66.1	66.1	66.7	66.9	66.9	67.1	67.3	67.3	67.5
≥ 8000	58.5	66.3	67.3	68.1	68.1	68.1	68.3	68.3	68.3	68.9	69.1	69.1	69.3	69.5	69.5	69.7
≥ 7000	58.9	67.5	68.5	69.3	69.3	69.3	69.7	69.7	69.7	70.3	70.5	70.5	70.7	70.9	70.9	71.1
≥ 6000	58.9	67.5	68.5	69.3	69.3	69.3	69.7	69.7	69.7	70.3	70.5	70.5	70.7	70.9	70.9	71.1
≥ 5000	59.6	68.3	69.3	70.1	70.1	70.1	70.7	70.9	70.9	71.5	71.7	71.7	72.0	72.2	72.2	72.4
≥ 4500	59.8	68.5	69.5	70.3	70.3	70.3	70.9	71.1	71.1	71.7	72.0	72.0	72.3	72.4	72.4	72.6
≥ 4000	61.4	70.1	71.1	72.0	72.0	72.0	72.6	72.8	72.8	73.4	73.6	73.6	73.8	74.0	74.0	74.2
≥ 3500	61.4	70.9	72.0	72.8	72.8	72.8	73.4	73.6	73.6	74.2	74.4	74.4	74.6	74.8	74.8	75.0
≥ 3000	63.2	73.6	74.6	75.4	75.6	75.8	76.4	76.8	76.8	77.6	77.8	77.8	78.0	78.3	78.3	78.5
≥ 2500	64.4	75.4	76.4	77.2	77.4	77.6	78.2	78.6	78.6	79.2	79.4	79.4	79.6	79.8	79.8	80.0
≥ 2000	64.4	75.8	76.8	77.6	77.8	78.0	78.6	79.0	79.0	79.6	79.8	79.8	80.0	80.3	80.3	80.5
≥ 1800	64.4	75.8	76.8	77.6	77.8	78.0	78.6	79.0	79.0	79.6	79.8	79.8	80.0	80.3	80.3	80.5
≥ 1500	64.4	75.4	76.4	77.2	77.4	77.6	78.2	78.6	78.6	79.2	79.4	79.4	79.6	79.8	79.8	80.0
≥ 1200	64.6	76.8	77.8	78.6	78.8	79.0	79.6	80.0	80.0	80.6	80.8	80.8	81.0	81.3	81.3	81.5
≥ 1000	64.6	77.8	79.2	80.7	81.5	81.9	83.5	84.8	85.2	86.6	87.0	87.0	87.2	87.4	87.4	87.6
≥ 900	64.8	78.7	80.5	81.9	83.1	83.5	85.2	86.4	86.8	88.2	88.6	88.6	88.8	89.0	89.0	89.2
≥ 800	65.2	79.7	82.3	83.9	85.4	85.8	87.4	88.8	89.2	90.7	91.3	91.3	91.5	91.7	91.7	91.9
≥ 700	65.2	79.9	82.5	84.1	86.0	86.4	88.4	90.0	90.4	92.1	93.1	93.1	93.3	93.5	93.5	93.7
≥ 600	65.2	80.3	83.1	84.8	86.8	87.2	89.2	91.1	91.5	93.1	94.1	94.1	94.5	94.7	94.7	94.9
≥ 500	65.2	80.3	83.1	84.8	87.0	87.6	89.8	92.3	93.1	95.5	96.5	96.5	97.2	97.6	97.6	97.8
≥ 400	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.7	93.5	96.1	97.4	97.6	98.2	98.6	98.6	98.8
≥ 300	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	99.8
≥ 200	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	99.8
≥ 100	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	100.0
≥ 0	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 492

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3
≥ 20000	54.4	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5
≥ 18000	54.4	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5
≥ 16000	54.4	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5
≥ 14000	54.6	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7
≥ 12000	55.4	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7
≥ 10000	58.3	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8
≥ 9000	58.3	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0
≥ 8000	60.7	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9
≥ 7000	61.6	67.5	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3
≥ 6000	61.8	67.7	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7
≥ 5000	62.2	68.7	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1
≥ 4500	62.2	68.9	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3
≥ 4000	64.6	71.2	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6
≥ 3500	66.1	72.8	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2
≥ 3000	70.3	78.7	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8
≥ 2500	72.4	81.0	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4
≥ 2000	73.2	82.0	83.6	84.0	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9
≥ 1800	73.4	82.4	84.0	84.3	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3
≥ 1500	73.6	83.4	85.1	85.5	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7
≥ 1200	73.8	84.3	86.3	86.9	87.7	87.9	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5
≥ 1000	73.8	84.5	86.7	87.3	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4
≥ 900	74.4	85.3	87.5	88.1	89.4	89.8	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4
≥ 800	74.4	85.3	87.5	88.5	90.0	90.4	90.8	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2
≥ 700	74.4	85.3	87.5	88.5	90.2	90.8	91.4	92.4	92.6	92.6	92.6	93.0	93.2	93.2	93.2	93.2
≥ 600	74.4	85.3	87.5	88.5	90.4	91.4	92.2	93.3	93.5	94.3	94.7	94.9	94.9	94.9	94.9	94.9
≥ 500	74.4	85.5	88.1	89.2	91.2	93.0	93.7	95.1	95.7	96.7	97.3	97.5	97.5	97.5	97.5	97.5
≥ 400	74.4	85.5	88.1	89.2	91.2	93.0	93.7	95.3	96.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	98.2	98.2	98.2
≥ 200	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	99.2	100.0	100.0
≥ 100	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	99.2	100.0	100.0
≥ 0	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 511

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

01-63, 74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	47.2	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	48.0	48.0
≥ 20000	54.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 18000	54.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 16000	54.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 14000	54.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	
≥ 12000	55.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	
≥ 10000	58.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	
≥ 9000	58.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0	
≥ 8000	59.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	
≥ 7000	61.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	
≥ 6000	61.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	
≥ 5000	62.4	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	
≥ 4500	62.8	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	
≥ 4000	67.3	73.5	73.7	73.7	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	
≥ 3500	69.0	75.6	75.8	75.8	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	
≥ 3000	75.8	84.0	84.2	84.2	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	
≥ 2500	77.0	85.4	85.8	86.0	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	
≥ 2000	78.0	86.9	87.3	87.7	87.9	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	
≥ 1800	78.0	86.9	87.3	87.9	88.1	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1
≥ 1500	78.8	87.7	88.1	88.7	89.1	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1
≥ 1200	79.7	89.5	89.9	90.4	90.8	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8	
≥ 1000	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	93.0	93.0	
≥ 900	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	93.0	93.0	
≥ 800	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	93.0	93.4	
≥ 700	79.9	89.9	90.6	91.6	92.4	93.8	94.7	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.7	95.7
≥ 600	79.9	89.9	90.6	91.6	92.6	94.0	94.9	95.7	95.7	96.1	96.1	96.3	96.5	96.5	96.7	96.7
≥ 500	79.9	89.9	90.8	92.0	93.0	94.3	95.7	97.1	97.1	97.7	97.9	98.1	98.6	98.6	98.8	98.8
≥ 400	79.9	89.9	90.8	92.0	93.0	94.3	95.9	97.9	98.2	98.8	99.0	99.2	99.8	99.8	100.0	100.0
≥ 300	79.9	89.9	90.8	92.0	93.0	94.3	95.9	97.9	98.2	98.8	99.0	99.2	99.8	99.8	100.0	100.0
≥ 200	79.9	89.9	90.8	92.0	93.0	94.3	95.9	97.9	98.2	98.8	99.0	99.2	99.8	99.8	100.0	100.0
≥ 100	79.9	89.9	90.8	92.0	93.0	94.3	95.9	97.9	98.2	98.8	99.0	99.2	99.8	99.8	100.0	100.0
≥ 0	79.9	89.9	90.8	92.0	93.0	94.3	95.9	97.9	98.2	98.8	99.0	99.2	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

31-53,74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0	
NO CEILING ≥ 20000	48.5 58.2	48.9 58.8	48.9 59.0	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2	48.9 59.2
IV ≥ 18000 IV ≥ 16000	58.4 58.4	59.3 59.0	59.2 59.2	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	59.5 59.5	59.5 59.5	59.5 59.5	59.7 59.7	59.7 59.7	59.7 59.7	59.7 59.7
IV ≥ 14000 IV ≥ 12000	58.8 59.7	59.5 60.3	59.7 60.5	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	60.1 60.9	60.1 60.9	60.1 60.9	60.1 60.9
IV ≥ 10000 IV ≥ 9000	61.8 62.3	64.5 65.5	64.7 65.8	64.9 66.0	64.9 66.0	64.9 66.0	64.9 66.0	64.9 66.0	64.9 66.0	64.9 66.0	64.9 66.0	64.9 66.0	64.9 66.0	65.1 66.2	65.1 66.2	65.1 66.2	65.1 66.2
IV ≥ 8000 IV ≥ 7000	63.9 64.7	67.6 69.3	68.1 69.7	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.5 70.2	68.5 70.2	68.5 70.2	68.5 70.2
IV ≥ 6000 IV ≥ 5000	64.7 66.8	69.3 72.1	69.7 72.5	70.0 72.7	70.0 72.7	70.0 72.7	70.0 72.7	70.0 72.7	70.0 72.7	70.0 72.7	70.0 72.7	70.0 72.7	70.0 72.7	70.2 72.9	70.2 72.9	70.2 72.9	70.2 72.9
IV ≥ 4500 IV ≥ 4000	67.4 70.3	72.9 76.7	73.3 77.1	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.7 77.5	73.7 77.5	73.7 77.5	73.7 77.5
IV ≥ 3500 IV ≥ 3000	71.8 76.9	78.8 85.7	79.2 86.1	79.4 86.3	79.4 86.6	79.4 86.6	79.4 86.6	79.4 86.6	79.4 86.6	79.4 86.6	79.4 86.6	79.4 86.6	79.4 86.6	79.6 86.8	79.6 86.8	79.6 86.8	79.6 86.8
IV ≥ 2500 IV ≥ 2000	77.3 77.9	86.7 88.7	86.8 88.7	87.0 88.9	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.6 89.7	87.6 89.7	87.6 89.7	87.6 89.7
IV ≥ 1800 IV ≥ 1500	77.9 78.6	88.0 88.7	88.7 89.3	88.9 89.5	89.5 90.1	89.5 90.1	89.5 90.1	89.5 90.1	89.5 90.1	89.5 90.1	89.5 90.1	89.5 90.1	89.5 90.1	89.7 90.5	89.7 90.5	89.7 90.5	89.7 90.5
IV ≥ 1200 IV ≥ 1000	78.8 79.2	88.9 89.3	89.5 89.9	89.7 90.1	90.3 91.0	90.3 91.2	90.3 91.8	90.3 92.0	90.3 92.0	90.3 92.2	90.3 92.2	90.3 92.2	90.3 92.2	90.5 92.4	90.5 92.4	90.5 92.4	90.5 92.4
IV ≥ 900 IV ≥ 800	79.2 79.2	89.3 89.3	89.9 89.9	90.1 90.1	91.0 91.4	91.2 91.4	91.8 92.2	92.0 93.1	92.0 93.1	92.2 93.3	92.2 93.3	92.2 93.3	92.2 93.3	92.4 93.5	92.4 93.5	92.4 93.5	92.4 93.5
IV ≥ 700 IV ≥ 600	79.2 79.2	89.5 89.7	90.1 90.5	90.3 90.8	91.4 91.8	92.2 92.6	93.5 93.9	94.5 95.0	94.7 95.2	95.2 95.6	95.4 96.0	95.4 96.2	95.4 96.4	95.6 96.4	95.6 96.4	95.6 96.4	95.6 96.4
IV ≥ 500 IV ≥ 400	79.2 79.2	89.7 89.7	90.5 90.5	91.0 91.0	92.4 92.4	93.3 93.3	95.0 95.2	96.4 96.6	96.6 96.8	97.3 97.5	97.9 98.1	98.1 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV ≥ 300 IV ≥ 200	79.2 79.2	89.7 89.7	90.5 90.5	91.0 91.0	92.4 92.4	93.5 93.5	95.4 95.4	97.5 97.5	97.7 97.7	98.3 98.3	99.4 99.4	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 100 IV ≥ 0	79.2 79.2	89.7 89.7	90.5 90.5	91.0 91.0	92.4 92.4	93.5 93.5	95.4 95.4	97.5 97.5	97.7 97.7	98.3 98.3	99.4 99.4	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 476

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVERIS AAF MASS
STATION NAME

1-63,74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	51.4	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
≥ 20000	58.2	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	59.3	59.3
≥ 18000	58.2	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	59.3	59.3
≥ 16000	58.2	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	59.3	59.3
≥ 14000	60.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	62.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	65.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	65.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	67.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	68.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	69.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	69.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	70.9	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	73.4	79.9	80.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	74.6	81.1	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	76.6	83.3	83.6	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	77.4	84.5	84.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	77.7	84.7	85.9	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	77.7	84.7	85.9	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	77.7	84.7	85.9	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1200	78.2	85.3	86.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	78.2	85.3	86.4	87.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	78.2	85.3	86.4	87.6	88.1	88.4	88.7	89.0	89.0	89.0	89.0	89.8	89.8	89.8	89.8	89.8
≥ 800	78.5	85.9	87.3	88.4	89.0	89.5	89.8	90.4	90.4	90.4	90.4	91.2	91.2	91.2	91.2	91.2
≥ 700	78.5	86.2	87.6	89.0	89.5	90.1	90.7	92.1	92.1	92.1	92.4	93.8	93.8	93.8	93.8	93.8
≥ 600	78.5	86.2	87.6	89.5	90.1	90.7	91.2	92.9	92.9	92.9	93.2	94.6	94.6	94.6	94.6	94.6
≥ 500	78.5	86.2	87.6	89.8	90.7	91.5	92.9	94.6	94.6	94.6	94.9	97.2	97.2	97.2	97.2	97.2
≥ 400	78.5	86.2	87.6	89.8	90.7	92.1	93.5	95.2	95.5	96.0	96.0	98.9	98.9	98.9	98.9	98.9
≥ 300	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	96.6	99.4	99.4	99.4	99.4	99.7
≥ 200	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	96.6	99.4	99.4	99.4	100.0	100.0
≥ 100	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	96.6	99.4	99.4	99.4	100.0	100.0
≥ 0	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	96.6	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 354

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

01-03-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	52.1	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	55.6
≥ 20000	53.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	53.7	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
≥ 16000	53.7	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
≥ 14000	54.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	59.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	59.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	59.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	62.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	64.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	64.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	65.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	66.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	67.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	69.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	70.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	70.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	70.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	70.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	71.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	71.2	84.4	84.8	84.8	84.8	84.8	84.8	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	71.6	84.8	85.2	85.6	86.4	86.4	86.4	86.4	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	71.6	85.2	86.4	86.8	87.5	87.9	87.9	88.3	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	71.6	85.2	86.8	87.2	88.3	89.9	89.9	90.7	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	71.6	85.2	86.8	87.2	88.3	90.3	91.1	91.8	92.6	93.4	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	71.6	85.2	86.8	87.2	88.3	90.3	91.4	92.2	93.4	94.6	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	71.6	85.2	86.8	87.2	89.5	91.4	92.6	93.4	94.6	96.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	71.6	85.2	86.8	87.2	89.5	91.4	92.6	93.4	94.6	96.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 257

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME 2-63 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	55.0	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	60.0
≥ 20000	57.8	62.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	57.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	57.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	58.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	58.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	58.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	61.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	65.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	66.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	66.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	68.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	68.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	70.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	71.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	71.1	78.9	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	71.1	78.9	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	71.1	78.9	80.6	80.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	71.1	79.4	80.6	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500	71.1	80.0	81.1	81.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	71.1	80.6	81.7	82.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	71.1	81.1	82.2	82.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.4	84.4	84.4	84.4	84.4
≥ 900	71.1	81.1	82.2	82.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.4	84.4	84.4	84.4	84.4
≥ 800	71.1	81.1	82.8	83.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.6	85.6	85.6	85.6	85.6
≥ 700	71.1	81.1	85.0	87.2	88.3	89.4	89.4	89.4	89.4	89.4	89.4	90.0	90.0	90.0	90.0	90.0
≥ 600	71.1	81.7	85.6	88.3	91.1	92.2	92.8	92.8	92.8	92.8	92.8	93.3	93.3	93.3	93.3	93.3
≥ 500	71.1	81.7	86.1	89.4	92.2	93.3	93.9	93.9	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4
≥ 400	71.1	81.7	86.1	89.4	92.2	93.9	95.0	95.6	95.6	95.6	96.1	96.7	96.7	96.7	96.7	96.7
≥ 300	71.1	81.7	86.1	89.4	92.2	93.9	95.0	95.6	95.6	95.6	96.1	96.7	96.7	96.7	96.7	96.7
≥ 200	71.1	81.7	86.1	89.4	92.2	94.4	96.1	96.7	96.7	96.7	97.2	97.8	97.8	98.3	98.3	98.3
≥ 100	71.1	81.7	86.1	89.4	92.2	94.4	96.1	96.7	96.7	96.7	97.2	97.8	97.8	98.3	98.3	98.3
≥ 0	71.1	81.7	86.1	89.4	92.2	94.4	96.1	96.7	96.7	96.7	97.2	97.8	97.8	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING FAC.
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63,76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	51.9	56.8	57.4	58.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	54.6	59.6	60.1	61.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	57.4	62.3	62.8	64.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	59.0	65.0	65.6	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	60.7	68.9	69.4	71.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 7000	62.3	70.5	71.0	72.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	63.4	71.6	72.1	73.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	65.6	73.8	74.3	76.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	66.1	74.3	74.9	76.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	67.2	75.4	76.0	77.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	67.2	76.0	77.0	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	67.2	76.0	77.6	79.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	67.2	77.6	79.2	80.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	83.1	83.1	83.6
≥ 2000	67.2	78.1	79.8	81.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.6	83.6	84.2
≥ 1800	67.2	78.1	79.8	81.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.6	83.6	84.2
≥ 1500	67.2	78.7	80.3	82.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.7	84.7	85.2
≥ 1200	67.8	80.3	82.5	84.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.9	86.9	87.4
≥ 1000	67.8	80.3	82.5	84.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.9	86.9	87.4
≥ 900	67.8	80.9	83.6	85.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.0	88.0	88.5
≥ 800	67.8	80.9	83.6	85.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.5	88.5	89.1
≥ 700	67.8	80.9	84.2	86.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	90.2	90.2	90.7
≥ 600	67.8	80.9	84.2	87.4	90.7	90.7	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	93.4
≥ 500	67.8	80.9	84.2	87.4	90.7	90.7	91.8	92.9	92.9	92.9	92.9	92.9	92.9	93.4	93.4	94.0
≥ 400	67.8	80.9	84.2	87.4	91.3	91.3	92.9	94.0	94.0	94.0	94.0	94.0	94.0	94.5	94.5	95.1
≥ 300	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.6	95.6	96.2
≥ 200	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.6	95.6	96.2
≥ 100	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	98.4	98.4	98.9
≥ 0	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 183

DATA PROCESSING BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

04779 FLRT DEVENS AAF MASS

61-63,74-76

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.3	46.3	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	48.2	48.2	48.2	48.6
≥ 20000	49.2	52.7	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.5	54.5	54.5	54.9
≥ 18000	49.6	53.1	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.9	54.9	54.9	55.3
≥ 16000	49.6	53.1	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.9	54.9	54.9	55.3
≥ 14000	50.2	53.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.5	55.5	55.5	55.9
≥ 12000	53.1	56.7	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.6	58.6	58.6	59.0
≥ 10000	56.5	60.2	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	62.0	62.0	62.0	62.4
≥ 9000	56.9	60.5	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	62.4	62.4	62.4	62.9
≥ 8000	61.2	65.3	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.3	67.3	67.3	67.7
≥ 7000	63.5	67.5	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	70.0	70.0	70.0	70.4
≥ 6000	64.5	68.8	69.6	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.4	71.4	71.4	71.8
≥ 5000	65.3	70.6	71.6	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.9	73.9	73.9	74.3
≥ 4500	66.7	72.0	73.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.3	75.3	75.3	75.7
≥ 4000	69.4	74.7	75.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	78.0	78.0	78.0	78.4
≥ 3500	70.0	76.1	77.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.6	79.6	79.6	80.0
≥ 3000	71.2	78.6	79.6	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.4	82.4	82.4	82.9
≥ 2500	72.2	80.7	81.2	82.4	83.3	83.9	84.1	84.1	84.1	84.3	84.3	84.3	85.1	85.1	85.1	85.5
≥ 2000	72.9	81.4	82.4	83.7	84.5	85.1	85.3	85.3	85.3	85.5	85.5	85.5	86.3	86.3	86.3	86.7
≥ 1800	73.1	81.6	82.7	83.9	84.7	85.3	85.5	85.5	85.5	85.7	85.7	85.7	86.5	86.5	86.5	86.9
≥ 1500	73.3	82.0	83.1	84.3	85.1	85.7	85.9	85.9	85.9	86.1	86.1	86.1	86.9	86.9	86.9	87.3
≥ 1200	73.3	82.2	83.3	84.5	85.3	85.9	86.3	86.3	86.3	86.5	86.5	86.5	87.3	87.3	87.3	87.7
≥ 1000	73.5	82.4	83.5	84.7	85.5	86.1	86.5	86.7	86.7	86.9	86.9	86.9	87.8	87.8	87.8	88.2
≥ 900	73.5	82.4	83.5	84.9	85.7	86.3	86.9	87.1	87.1	87.3	87.3	87.3	88.2	88.2	88.2	88.6
≥ 800	73.5	82.4	84.1	85.7	86.7	87.2	88.2	88.4	88.4	88.6	88.6	88.8	89.6	89.6	89.6	90.0
≥ 700	73.5	82.9	84.5	86.3	87.6	88.4	89.2	89.4	89.4	89.6	89.6	89.8	90.6	90.6	90.6	91.0
≥ 600	73.5	82.9	84.7	86.5	88.6	89.4	90.6	90.8	90.8	91.0	91.0	91.2	92.0	92.0	92.0	92.4
≥ 500	73.5	82.9	84.7	86.7	89.4	90.4	92.0	92.4	92.7	93.3	93.3	93.5	94.5	94.5	94.5	94.9
≥ 400	73.5	82.9	84.7	86.7	90.2	91.4	93.1	93.7	93.9	94.7	94.7	94.9	95.9	95.9	95.9	96.3
≥ 300	73.5	82.9	84.7	86.7	90.8	92.0	93.7	94.7	95.1	96.1	96.3	96.5	97.8	97.8	97.8	98.2
≥ 200	73.5	82.9	84.7	86.7	90.8	92.2	94.1	95.1	95.9	96.9	97.3	97.6	99.2	99.2	99.4	99.8
≥ 100	73.5	82.9	84.7	86.7	90.8	92.2	94.1	95.1	95.9	96.9	97.3	97.6	99.4	99.4	99.6	100.0
≥ 0	73.5	82.9	84.7	86.7	90.8	92.2	94.1	95.1	95.9	96.9	97.3	97.6	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 490

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

04779
STATION

FLPT DEVEAS AAF MASS
STATION NAME

61-63,74-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.4	45.4
≥ 20000	48.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.0	51.0
≥ 18000	48.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.0	51.0
≥ 16000	48.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.0	51.0
≥ 14000	48.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.2	51.2
≥ 12000	50.8	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	53.4	53.4
≥ 10000	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7	56.7
≥ 9000	54.6	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	57.3	57.3
≥ 8000	58.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.7	61.7
≥ 7000	59.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.7	62.7
≥ 6000	60.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.7	63.7
≥ 5000	61.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3	65.3
≥ 4500	62.9	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.2	66.2
≥ 4000	65.7	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.4	69.4
≥ 3500	69.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.2	73.2
≥ 3000	74.6	78.2	78.8	78.8	79.0	79.2	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	80.2	80.2
≥ 2500	77.6	82.3	83.3	83.3	83.5	83.7	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.7	84.7
≥ 2000	78.8	83.9	84.9	85.1	85.3	85.5	85.5	85.7	85.7	85.9	85.9	85.9	85.9	85.9	86.5	86.5
≥ 1800	79.0	84.1	85.1	85.3	85.5	85.7	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.7	86.7
≥ 1500	79.4	84.7	85.7	85.9	86.2	86.9	87.1	87.3	87.3	87.5	87.5	87.5	87.5	87.5	88.1	88.1
≥ 1200	79.8	85.1	86.1	86.3	86.7	87.3	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.9	88.9
≥ 1000	80.2	86.3	87.5	87.7	88.3	88.9	89.3	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.7	90.7
≥ 900	80.2	86.7	88.1	88.3	89.1	89.7	90.1	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.5	91.5
≥ 800	80.2	86.7	88.1	88.5	89.7	90.3	90.7	91.3	91.3	91.5	91.5	91.5	91.5	91.5	92.1	92.1
≥ 700	80.2	86.7	88.1	88.5	90.1	90.9	91.3	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.9	92.9
≥ 600	80.4	86.9	88.3	88.7	90.3	91.3	91.9	92.7	92.7	93.1	93.1	93.1	93.1	93.3	94.0	94.0
≥ 500	80.4	86.9	89.1	89.9	91.9	93.5	94.2	95.4	95.4	95.8	95.8	95.8	95.8	96.0	96.6	96.6
≥ 400	80.4	86.9	89.1	89.9	92.3	94.0	94.8	96.6	96.6	97.0	97.0	97.0	97.0	97.4	98.0	98.0
≥ 300	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.0	99.8	99.8
≥ 200	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.2	100.0	100.0
≥ 100	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.2	100.0	100.0
≥ 0	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 496

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT LEVENS AAF MASS
STATION NAME

21-63,74-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	35.9	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.7	36.7	37.1	37.1
≥ 20000	43.4	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.6	44.6
≥ 18000	43.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.8	44.8
≥ 16000	43.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.8	44.8
≥ 14000	43.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.8	44.8
≥ 12000	44.6	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.8	45.8
≥ 10000	46.7	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.9	47.9
≥ 9000	47.7	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.9	48.9
≥ 8000	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.8	53.8
≥ 7000	53.8	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	55.2	55.2
≥ 6000	54.8	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.4	56.4
≥ 5000	59.0	60.0	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.5	61.5
≥ 4500	60.6	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	63.1	63.1
≥ 4000	64.7	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	67.1	67.1
≥ 3500	72.6	74.2	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.9	75.9
≥ 3000	77.9	80.5	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	82.4	82.4
≥ 2500	81.5	85.0	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.4	87.4
≥ 2000	82.2	86.4	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.5	89.5
≥ 1800	82.2	86.4	88.4	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.7	89.7
≥ 1500	82.2	86.8	88.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	90.3	90.3
≥ 1200	82.4	87.0	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.7	90.7
≥ 1000	82.8	88.0	90.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.9	91.9
≥ 900	82.8	88.0	91.1	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.9	92.9
≥ 800	83.4	89.5	91.7	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.7	93.7
≥ 700	83.4	89.9	92.3	92.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.5	94.5
≥ 600	83.6	90.3	92.7	93.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.7	95.7
≥ 500	83.6	91.1	93.7	94.1	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.0	97.0	97.4	97.4
≥ 400	83.6	91.1	93.7	94.1	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.2	97.2	97.8	97.8
≥ 300	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.2	98.2	98.6	98.6
≥ 200	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.8	98.8	99.6	99.6
≥ 100	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.8	98.8	99.6	99.6
≥ 0	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.8	98.8	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 493

DATA PROCESSING OFFICE
 USAF ETAC
 AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVERES AAF MASS

61-63,74-76 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	
NO CEILING	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	46.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV ≥ 18000	46.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV ≥ 16000	46.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV ≥ 14000	46.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV ≥ 12000	47.9	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	49.4
IV ≥ 10000	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV ≥ 9000	51.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV ≥ 8000	56.3	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	58.2	58.2
IV ≥ 7000	58.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV ≥ 6000	60.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV ≥ 5000	65.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV ≥ 4500	68.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV ≥ 4000	74.1	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV ≥ 3500	78.5	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV ≥ 3000	80.3	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV ≥ 2500	82.4	85.3	86.0	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV ≥ 2000	83.3	87.9	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV ≥ 1800	83.3	87.9	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV ≥ 1500	83.3	88.5	88.7	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV ≥ 1200	83.3	88.5	88.7	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV ≥ 1000	83.5	88.7	88.9	89.5	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4
IV ≥ 900	83.9	90.0	90.2	91.0	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9
IV ≥ 800	83.9	90.4	91.0	92.1	92.9	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1
IV ≥ 700	83.9	90.6	91.2	92.3	93.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0
IV ≥ 600	83.5	90.6	91.2	92.3	93.5	95.2	95.4	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.0
IV ≥ 500	83.9	91.2	91.8	92.9	94.4	96.2	96.4	97.1	97.1	97.5	97.7	97.7	97.9	97.9	97.9	97.9
IV ≥ 400	83.9	91.2	91.8	92.9	94.6	96.7	96.9	97.5	97.5	98.3	98.5	98.5	98.7	98.7	98.7	98.7
IV ≥ 300	83.9	91.2	91.8	93.1	94.8	97.1	97.3	98.1	98.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6
IV ≥ 200	83.9	91.2	91.8	93.1	95.0	97.3	97.5	98.2	98.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
IV ≥ 100	83.9	91.2	91.8	93.1	95.0	97.3	97.5	98.3	98.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
IV ≥ 0	83.9	91.2	91.8	93.1	95.0	97.3	97.5	98.3	98.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 479

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.3	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	53.3	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	54.1	55.5	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
≥ 16000	54.1	55.5	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
≥ 14000	54.1	55.5	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
≥ 12000	56.1	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	58.4	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	60.5	60.5
≥ 9000	59.0	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	62.4	65.1	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	66.6	68.9	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	67.4	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	72.4	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	73.8	77.3	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	77.0	81.4	82.0	82.3	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	78.5	83.1	83.7	84.0	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	78.8	83.4	84.0	84.3	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	79.4	84.3	84.9	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	79.7	85.2	85.8	86.3	86.6	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	79.7	85.2	86.0	87.2	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	80.2	86.3	87.5	89.2	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	80.2	86.3	87.5	89.2	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	80.2	86.6	88.1	90.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	80.2	87.8	89.2	91.9	92.4	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	80.5	88.1	89.8	92.4	93.0	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	80.5	88.1	89.8	92.4	93.0	93.9	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	80.5	88.1	90.1	92.7	93.6	95.1	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	80.5	88.1	90.1	93.0	95.3	97.1	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

344

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVERIS AAF MASS

51-63,76

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥5/16	¼	≥0
NO CEILING	44.6	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	54.2	55.8	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
≥ 9000	57.0	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	63.7	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	66.9	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000	67.3	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	70.1	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	70.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	72.5	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	73.7	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	73.7	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	74.1	81.3	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.5	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	74.1	81.7	82.5	82.9	83.3	83.7	83.7	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	74.1	81.7	82.5	82.9	83.3	83.7	83.7	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	74.1	82.1	82.9	83.3	84.1	84.5	84.5	84.5	84.5	84.9	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	74.1	82.9	84.1	84.5	85.3	86.5	86.5	86.5	86.5	86.9	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	74.1	82.9	85.7	86.5	87.3	88.4	88.4	88.4	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	74.1	83.3	86.5	87.3	88.0	89.2	89.2	89.2	89.2	89.6	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	74.1	84.1	87.6	88.8	89.6	91.2	91.2	91.2	91.2	91.6	92.0	92.4	92.4	92.4	92.4	92.4
≥ 700	74.1	84.1	88.0	89.2	90.4	92.0	92.0	92.0	92.0	92.4	92.8	93.2	93.2	93.2	93.2	93.2
≥ 600	74.1	84.1	88.0	89.2	90.4	92.4	92.4	92.4	92.4	92.8	93.2	93.6	93.6	93.6	93.6	93.6
≥ 500	74.1	84.1	88.0	89.6	91.2	93.6	93.6	93.6	93.6	94.0	94.4	94.8	94.8	94.8	94.8	94.8
≥ 400	74.1	84.1	88.4	91.2	93.6	96.4	96.4	96.4	96.4	97.2	97.6	98.0	98.0	98.0	98.0	98.0
≥ 300	74.1	84.1	88.4	91.2	93.6	96.8	96.8	96.8	96.8	97.2	97.6	98.0	98.0	98.0	98.0	98.0
≥ 200	74.1	84.1	88.4	91.2	93.6	96.8	96.8	96.8	96.8	97.6	98.0	98.4	98.4	98.4	98.4	98.4
≥ 100	74.1	84.1	88.4	91.2	93.6	96.8	96.8	96.8	96.8	97.6	98.0	98.4	98.4	98.4	98.4	98.4
0	74.1	84.1	88.4	91.2	93.6	96.8	96.8	96.8	96.8	97.6	98.0	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 251

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/WAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	41.9 47.8	54.8 61.8	57.0 64.0	57.0 64.0	57.5 64.5	59.1 66.1	59.7 66.7	59.7 66.7	59.7 66.7	59.7 66.7	60.2 67.2	60.2 67.2	60.8 67.7	60.8 67.7	60.8 67.7	60.8 67.7
IV 18000 16000	47.8 47.8	61.8 61.8	64.0 64.0	64.0 64.0	64.5 64.5	66.1 66.1	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	67.2 67.2	67.2 67.2	67.7 67.7	67.7 67.7	67.7 67.7	67.7 67.7
IV 14000 12000	47.8 48.4	62.4 62.9	64.5 65.1	64.5 65.1	65.1 65.6	66.7 67.2	67.2 67.2	67.2 67.2	67.2 67.2	67.2 67.2	67.7 68.3	67.7 68.3	68.3 68.8	68.3 68.8	68.3 68.8	68.3 68.8
IV 10000 9000	50.5 50.5	65.1 65.6	67.2 67.7	67.2 67.7	68.3 68.8	69.9 70.4	70.4 71.0	70.4 71.0	70.4 71.0	70.4 71.0	71.0 71.5	71.0 71.5	71.5 72.0	71.5 72.0	71.5 72.0	71.5 72.0
IV 8000 7000	50.5 52.7	66.1 68.8	68.3 71.0	68.3 71.0	69.4 72.0	71.0 73.7	71.5 74.2	71.5 74.2	71.5 74.2	71.5 74.2	72.0 74.7	72.0 74.7	72.6 75.3	72.6 75.3	72.6 75.3	72.6 75.3
IV 6000 5000	53.8 54.3	71.0 71.5	73.1 73.7	73.1 73.7	74.2 74.7	75.8 76.3	76.3 76.9	76.3 76.9	76.3 76.9	76.3 76.9	76.9 77.4	76.9 77.4	77.4 79.0	77.4 79.0	77.4 78.0	77.4 78.0
IV 4500 4000	54.3 55.9	71.5 74.2	73.7 76.3	73.7 76.3	74.7 77.4	76.3 79.0	76.9 79.6	76.9 79.6	76.9 79.6	76.9 79.6	77.4 80.1	77.4 80.1	78.0 80.6	78.0 80.6	78.0 80.6	78.0 80.6
IV 3500 3000	55.9 55.9	74.7 74.7	76.9 76.9	76.9 76.9	78.0 78.0	79.6 79.6	80.1 80.1	80.1 80.1	80.1 80.1	80.1 80.1	80.6 80.6	80.6 80.6	81.2 81.2	81.2 81.2	81.2 81.2	81.2 81.2
IV 2500 2000	58.1 58.1	76.9 77.4	79.0 80.6	79.0 80.6	80.1 81.7	81.7 83.3	82.3 83.9	82.3 83.9	82.3 83.9	82.3 83.9	82.8 84.4	82.8 84.4	83.3 84.9	83.3 84.9	83.3 84.9	83.3 84.9
IV 1800 1500	58.6 59.1	78.5 79.0	81.7 82.8	81.7 82.8	82.8 84.4	84.4 85.5	84.9 86.0	84.9 86.0	84.9 86.0	84.9 86.0	85.5 86.6	85.5 86.6	86.0 87.1	86.0 87.1	86.0 87.1	86.0 87.1
IV 1200 1000	59.1 59.1	79.0 79.0	82.8 82.8	82.8 82.8	83.9 84.4	85.5 86.0	86.0 86.6	86.0 86.6	86.0 86.6	86.0 86.6	86.6 87.1	86.6 87.1	87.1 87.6	87.1 87.6	87.1 87.6	87.1 87.6
IV 900 800	59.1 59.1	79.0 79.0	82.8 82.8	82.8 82.8	84.4 84.4	86.6 86.6	87.1 87.1	87.1 87.1	87.1 87.1	87.1 87.1	87.6 87.6	87.6 87.6	88.2 88.2	88.2 88.2	88.2 88.2	88.2 88.2
IV 700 600	59.1 59.1	79.6 79.6	83.3 83.3	83.3 83.3	85.5 85.5	87.6 87.6	88.2 88.7	88.2 88.7	88.2 88.7	88.2 88.7	88.7 89.2	88.7 89.2	89.2 89.8	89.2 89.8	89.2 89.8	89.2 89.8
IV 500 400	59.1 59.1	79.6 79.6	85.5 86.0	85.5 86.0	88.7 90.9	91.4 94.6	92.5 95.7	92.5 95.7	92.5 95.7	92.5 95.7	93.0 96.2	93.0 96.2	93.5 96.8	93.5 96.8	93.5 96.8	93.5 96.8
IV 300 200	59.1 59.1	79.6 79.6	86.0 86.0	86.0 86.0	90.9 90.9	96.8 96.8	97.8 97.8	97.8 97.8	97.8 97.8	97.8 97.8	98.4 98.4	98.4 98.4	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5
IV 100 0	59.1 59.1	79.6 79.6	86.0 86.0	86.0 86.0	90.9 90.9	96.8 96.8	97.8 97.8	97.8 97.8	97.8 97.8	97.8 97.8	98.4 98.4	98.4 98.4	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.3	47.9	48.7	50.0	50.9	51.7	52.1	52.6	52.6	52.6	54.3	54.3	56.4	56.4	56.4	56.8
≥ 20000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 18000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 16000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 14000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 12000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 10000	47.0	57.3	59.4	60.7	61.5	62.4	62.8	63.2	63.2	63.2	65.0	65.0	67.1	67.1	67.1	67.5
≥ 9000	47.4	57.7	59.8	61.1	62.4	63.2	63.7	64.1	64.1	64.1	65.8	65.8	67.9	67.9	67.9	68.4
≥ 8000	48.3	58.5	60.7	62.0	63.2	64.1	65.0	65.4	65.4	65.4	67.1	67.1	69.2	69.2	69.2	69.7
≥ 7000	49.6	61.1	63.2	64.5	65.8	66.7	67.5	67.9	67.9	67.9	69.7	69.7	71.8	71.8	71.8	72.2
≥ 6000	49.6	61.5	63.7	65.0	66.7	67.5	68.4	68.8	68.8	68.8	70.5	70.5	72.6	72.6	72.6	73.1
≥ 5000	49.6	61.5	63.7	65.0	66.7	67.5	68.4	68.8	68.8	68.8	70.5	70.5	72.6	72.6	72.6	73.1
≥ 4500	50.0	62.0	64.1	65.4	67.1	67.9	68.8	69.2	69.2	69.2	70.9	70.9	73.1	73.1	73.1	73.5
≥ 4000	50.0	62.4	65.4	66.7	68.4	69.2	70.1	70.5	70.5	70.5	72.2	72.2	74.4	74.4	74.4	74.8
≥ 3500	50.9	63.7	66.7	67.9	69.7	70.5	71.4	71.8	71.8	71.8	73.5	73.5	75.6	75.6	75.6	76.1
≥ 3000	51.7	64.5	67.5	68.8	70.5	71.4	72.2	72.6	72.6	72.6	74.4	74.4	76.5	76.5	76.5	76.9
≥ 2500	52.6	66.7	69.7	70.9	72.6	73.5	74.4	74.8	74.8	74.8	76.5	76.5	78.6	78.6	78.6	79.1
≥ 2000	53.8	69.2	72.6	73.9	75.6	76.9	77.8	78.2	78.2	78.2	79.9	79.9	82.1	82.1	82.1	82.5
≥ 1800	53.8	69.2	72.6	73.9	75.6	76.9	77.8	78.2	78.2	78.2	79.9	79.9	82.1	82.1	82.1	82.5
≥ 1500	55.1	70.5	73.9	75.2	77.4	79.1	79.9	80.3	80.3	80.3	82.1	82.1	84.2	84.2	84.2	84.6
≥ 1200	55.1	70.5	73.9	75.2	77.8	79.5	80.3	80.8	80.8	80.8	82.5	82.5	84.6	84.6	84.6	85.0
≥ 1000	55.1	71.4	74.8	76.1	78.6	80.3	81.2	81.6	81.6	81.6	83.3	83.3	85.5	85.5	85.5	85.9
≥ 900	55.1	71.4	74.8	76.1	79.1	80.8	81.6	82.1	82.1	82.1	83.8	83.8	85.9	85.9	85.9	86.3
≥ 800	55.1	71.8	75.2	76.5	79.9	81.6	82.5	82.9	82.9	82.9	84.6	84.6	86.8	86.8	86.8	87.2
≥ 700	55.1	71.8	75.2	76.5	79.9	81.6	82.5	82.9	82.9	82.9	84.6	84.6	86.8	86.8	86.8	87.2
≥ 600	55.1	71.8	75.2	76.5	80.3	82.1	82.9	83.8	83.8	83.8	85.5	85.5	87.6	87.6	87.6	88.0
≥ 500	55.1	71.8	75.2	77.4	82.1	84.2	85.0	85.9	85.9	85.9	87.6	87.6	89.7	89.7	89.7	90.2
≥ 400	55.1	71.8	75.2	77.8	84.6	86.8	88.0	88.9	88.9	88.9	91.0	91.0	93.2	93.2	93.2	93.6
≥ 300	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	96.6	96.6	97.0
≥ 200	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	96.6	97.0	97.4
≥ 100	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	97.4	98.3	99.1
≥ 0	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	97.4	98.3	99.1

TOTAL NUMBER OF OBSERVATIONS 234

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.8	45.7	46.7	47.2	47.6	48.2	49.0	49.2	49.4	49.8	49.8	49.8	50.0	50.0	50.0	50.0
≥ 20000	46.1	53.0	54.3	55.5	56.1	56.7	57.5	57.7	57.9	58.3	58.3	58.3	58.7	58.7	58.7	58.9
IV 18000	46.1	53.0	54.3	55.5	56.1	56.7	57.5	57.7	57.9	58.3	58.3	58.3	58.7	58.7	58.7	58.9
IV 16000	46.1	53.0	54.3	55.5	56.1	56.7	57.5	57.7	57.9	58.3	58.3	58.3	58.7	58.7	58.7	58.9
IV 14000	46.7	53.5	54.9	56.1	56.7	57.3	58.1	58.3	58.5	58.9	58.9	58.9	59.3	59.3	59.3	59.9
IV 12000	48.0	54.9	56.3	57.5	58.1	58.7	59.4	59.6	59.8	60.2	60.2	60.2	60.6	60.6	60.6	60.9
IV 10000	50.2	57.7	59.3	60.6	61.4	62.2	63.0	63.2	63.4	63.8	63.8	63.8	64.2	64.2	64.2	64.9
IV 9000	50.8	58.7	60.2	61.6	62.4	63.2	64.0	64.2	64.4	64.8	64.8	64.8	65.2	65.2	65.2	65.9
IV 8000	53.9	62.6	64.2	65.7	66.5	67.3	68.3	68.5	68.7	69.1	69.1	69.1	69.5	69.5	69.5	69.9
IV 7000	55.7	65.2	66.7	68.3	69.3	70.1	71.1	71.3	71.5	71.9	71.9	71.9	72.2	72.2	72.2	72.9
IV 6000	56.1	65.7	67.3	68.9	69.9	70.7	71.7	71.9	72.0	72.6	72.6	72.6	73.0	73.0	73.0	73.9
IV 5000	57.7	67.3	68.9	70.7	71.7	72.4	73.4	73.6	73.8	74.4	74.4	74.4	74.8	74.8	74.8	75.9
IV 4500	58.9	68.5	70.1	71.9	72.8	73.6	74.6	74.8	75.0	75.6	75.6	75.6	76.0	76.0	76.0	76.9
IV 4000	59.4	69.3	70.9	72.6	73.6	74.4	75.4	75.6	75.8	76.4	76.4	76.4	76.8	76.8	76.8	77.9
IV 3500	59.4	69.3	71.1	72.8	73.8	74.6	75.6	75.8	76.0	76.6	76.6	76.6	77.0	77.0	77.0	77.9
IV 3000	59.6	69.7	71.7	73.4	74.4	75.2	76.2	76.4	76.6	77.2	77.2	77.2	77.6	77.6	77.6	77.9
IV 2500	60.8	72.4	74.6	76.4	77.4	78.1	79.1	79.3	79.5	80.1	80.1	80.1	80.5	80.5	80.5	80.9
IV 2000	61.4	73.4	75.8	77.6	78.5	79.3	80.3	80.5	80.7	81.3	81.3	81.3	81.7	81.7	81.7	81.9
IV 1800	61.4	73.4	75.8	77.6	78.5	79.3	80.3	80.5	80.7	81.3	81.3	81.3	81.7	81.7	81.7	81.9
IV 1500	62.4	75.2	78.3	80.1	81.3	82.3	83.5	83.9	84.3	84.8	84.8	84.8	85.2	85.2	85.2	85.9
IV 1200	63.0	76.0	79.5	81.3	82.9	83.9	85.0	85.4	85.8	86.4	86.4	86.4	86.8	86.8	86.8	87.9
IV 1000	63.0	76.6	80.1	82.3	83.9	84.8	86.0	86.4	86.8	87.4	87.4	87.4	87.8	87.8	87.8	88.9
IV 900	63.0	76.8	80.3	82.5	84.3	85.2	86.4	86.8	87.2	87.8	87.8	87.8	88.2	88.2	88.2	88.9
IV 800	63.0	77.0	80.9	83.3	85.4	86.4	87.8	88.4	89.0	90.0	90.0	90.0	90.4	90.4	90.4	90.9
IV 700	63.0	77.0	81.5	84.3	86.6	88.2	90.0	90.9	91.5	92.5	92.5	92.5	92.9	92.9	92.9	93.9
IV 600	63.0	77.0	81.5	84.8	87.4	89.0	91.1	92.5	93.1	94.1	94.1	94.1	94.5	94.5	94.5	94.9
IV 500	63.0	77.0	81.5	85.0	88.0	90.2	92.3	93.9	94.7	95.7	95.7	95.7	96.1	96.1	96.1	96.9
IV 400	63.0	77.4	81.9	85.6	89.0	91.1	93.2	94.9	95.7	96.9	96.9	96.9	97.2	97.2	97.2	97.9
IV 300	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	97.4	97.4	98.2	98.2	98.2	98.9
IV 200	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	97.4	97.4	98.2	98.2	98.2	99.0
IV 100	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	97.4	97.4	98.2	98.2	98.2	99.0
IV 0	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	97.4	97.4	98.2	98.2	98.2	99.0

TOTAL NUMBER OF OBSERVATIONS 508

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥5/16	¼	≥0
NO CEILING	39.3	46.6	47.7	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
≥ 20000	44.6	52.5	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	44.6	52.5	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	44.6	52.5	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	44.8	52.7	54.0	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
≥ 12000	46.4	54.2	55.6	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
≥ 10000	47.5	56.4	57.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	48.3	57.2	58.5	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
≥ 8000	50.3	59.9	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	51.5	61.3	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	51.7	61.5	62.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	52.7	62.5	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4500	53.4	63.3	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4000	59.7	70.7	72.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	61.9	73.1	74.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	63.5	75.6	77.2	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	64.6	77.8	79.4	80.6	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	65.4	79.0	80.6	81.7	82.1	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	65.6	79.2	80.7	81.9	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	66.6	81.3	83.7	85.1	85.7	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	67.2	82.3	85.3	86.6	87.4	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	67.2	82.9	87.0	88.8	89.6	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	67.2	83.5	87.6	89.4	90.4	91.4	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	67.2	83.5	88.0	89.8	91.7	92.7	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	67.2	84.3	89.6	91.4	93.5	94.9	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	67.2	84.3	89.8	91.7	94.1	95.5	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	67.2	84.3	89.8	91.7	94.3	95.7	97.2	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 509

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	37.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	43.3	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
≥ 18000	43.3	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
≥ 16000	43.3	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
≥ 14000	43.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	45.1	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	54.3	54.3
≥ 10000	48.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	48.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	50.5	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
≥ 7000	51.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	52.7	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	55.1	65.2	65.2	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	56.5	66.6	66.6	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
≥ 4000	64.6	75.1	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	66.8	78.1	78.1	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	69.8	81.9	82.3	82.3	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	71.0	84.1	84.5	84.7	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	71.8	85.5	85.9	86.1	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	71.8	85.5	85.9	86.1	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	72.2	86.3	86.7	86.9	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	72.8	87.5	88.3	88.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	73.2	88.9	89.7	90.3	91.3	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	73.2	89.7	90.5	91.5	92.4	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	73.2	89.9	90.7	91.8	93.2	93.4	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	73.2	90.5	91.5	93.0	94.8	95.0	95.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	73.2	90.5	91.5	93.0	94.8	95.4	96.0	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	73.2	90.9	91.8	93.4	95.6	96.4	97.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 300	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 503

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.6	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 18000	43.0	51.3	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 16000	43.0	51.3	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 14000	43.4	51.7	52.1	52.1	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 12000	44.8	53.1	53.5	53.5	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 10000	48.9	57.6	58.0	58.0	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 9000	49.1	57.8	58.2	58.2	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 8000	52.3	61.0	61.4	61.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 7000	53.7	62.8	63.2	63.2	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 6000	54.7	63.8	64.2	64.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 5000	57.8	67.7	68.3	68.3	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4500	60.0	69.9	70.5	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 4000	67.5	78.0	78.6	78.6	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3500	68.7	79.4	80.4	80.6	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3000	71.7	84.4	85.7	85.9	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 2500	72.5	85.7	86.9	87.1	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	73.1	86.3	87.3	87.7	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1800	73.3	86.5	87.7	87.9	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500	73.5	86.7	87.9	88.1	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 1200	74.5	88.5	90.1	90.5	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	74.7	89.7	91.5	91.9	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 900	74.7	90.1	92.1	92.5	93.3	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 800	74.7	90.1	92.3	92.7	93.7	94.3	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 700	74.7	90.5	92.9	93.3	94.3	95.2	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
IV 600	74.7	90.9	93.3	93.7	94.9	96.0	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4
IV 500	74.7	90.9	93.3	93.7	95.2	96.4	97.4	98.4	98.6	98.8	99.4	99.4	99.6	99.6	99.6
IV 400	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0
IV 300	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0
IV 200	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0
IV 100	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0
IV 0	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.0	46.6	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	50.1	54.0	55.8	55.8	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 18000	50.4	54.3	56.1	56.1	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 16000	50.4	54.3	56.4	56.4	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 14000	51.6	55.5	57.6	57.6	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 12000	54.3	58.2	60.2	60.2	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 10000	56.7	60.8	62.9	63.2	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 9000	57.0	61.1	63.2	63.5	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 8000	60.8	65.0	67.1	67.7	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000	61.7	66.2	68.2	68.8	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 6000	63.8	68.2	70.3	70.9	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5000	65.0	69.4	71.8	72.4	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.8
IV 4500	66.2	70.6	73.0	73.6	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0
IV 4000	68.8	74.8	77.2	77.7	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.1
IV 3500	70.0	76.3	78.6	79.5	81.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.2
IV 3000	72.1	80.4	82.8	83.7	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4
IV 2500	73.0	81.3	83.7	84.6	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.2
IV 2000	73.9	82.2	84.6	85.5	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1
IV 1800	73.9	82.2	84.6	85.5	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1
IV 1500	74.5	82.8	85.8	86.6	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6
IV 1200	75.1	84.6	87.5	88.4	89.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.7
IV 1000	75.7	85.5	88.4	89.3	90.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6
IV 900	75.7	85.5	88.7	89.9	91.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.2
IV 800	75.7	85.5	89.6	91.1	92.6	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4
IV 700	76.0	86.4	90.5	92.0	93.5	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.5
IV 600	76.0	86.6	90.8	92.3	93.8	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.8
IV 500	76.0	86.6	90.8	92.3	93.8	95.5	95.5	96.4	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.3
IV 400	76.0	86.6	90.8	92.3	93.8	95.5	95.5	96.1	97.3	97.3	98.2	98.5	98.5	98.5	98.8	99.1
IV 300	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	97.3	98.2	98.5	98.5	98.5	98.8	99.1
IV 200	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	97.3	98.2	98.5	98.5	98.8	99.1	99.4
IV 100	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	97.3	98.2	98.5	98.5	98.8	99.1	99.4
IV 0	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	97.3	98.2	98.5	98.5	98.8	99.1	99.4

TOTAL NUMBER OF OBSERVATIONS 337

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FQRT DEVENS AAF MASS
STATION NAME

61-63
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	49.1	55.6	56.9	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 18000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 16000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 14000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 12000	54.7	63.8	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 10000	56.0	65.1	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 9000	56.9	66.8	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 8000	59.9	69.8	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 7000	61.2	71.1	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 6000	62.5	72.4	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 5000	63.4	74.6	76.7	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4500	63.4	74.6	76.7	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4000	63.8	75.4	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 3500	63.8	75.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 3000	64.7	77.2	80.2	80.2	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 2500	66.4	79.3	82.8	82.8	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 2000	66.8	80.6	84.9	85.3	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1800	66.8	80.6	85.3	85.8	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1500	68.1	81.9	86.6	87.1	87.5	87.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1200	69.0	83.6	88.4	88.8	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1000	69.0	83.6	88.4	88.8	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 900	69.0	83.6	88.4	88.8	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 800	69.0	83.6	88.4	88.8	89.2	89.7	90.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 700	69.0	84.1	88.8	89.2	90.1	90.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 600	69.0	84.5	90.1	90.5	91.4	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 500	69.0	84.9	90.9	91.8	92.7	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 400	69.0	85.8	91.8	93.1	94.4	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 300	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	99.1	99.1	99.1
IV 100	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	99.1	99.1	99.1
IV 0	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 232

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	42.8	55.6	57.2	57.8	57.8	58.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0
≥ 20000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 18000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 16000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 14000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 12000	45.0	58.9	60.6	61.1	61.1	61.7	61.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.3
≥ 10000	48.9	63.3	65.0	65.6	65.6	66.1	66.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.8
≥ 9000	48.9	63.9	65.6	66.1	66.1	66.7	66.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.3
≥ 8000	50.0	65.6	67.2	67.8	67.8	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	70.0
≥ 7000	50.0	65.6	67.2	67.8	67.8	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	70.0
≥ 6000	50.0	66.1	67.8	68.3	68.3	68.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.6
≥ 5000	50.0	67.2	68.9	69.4	69.4	70.0	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.7
≥ 4500	50.0	67.8	69.4	70.0	70.0	70.6	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.2
≥ 4000	50.0	69.4	71.1	71.7	71.7	72.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.9
≥ 3500	50.0	70.0	71.7	72.2	72.2	72.8	72.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.4
≥ 3000	50.6	72.8	74.4	75.0	75.0	75.6	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.2
≥ 2500	50.6	74.4	76.7	77.2	77.8	78.3	78.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 2000	50.6	75.0	77.2	77.8	79.4	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.7
≥ 1800	50.6	75.0	77.2	78.3	80.0	80.6	80.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.2
≥ 1500	50.6	75.0	77.8	80.0	81.7	82.2	82.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.9
≥ 1200	50.6	76.7	79.4	81.7	83.3	83.9	83.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.6
≥ 1000	50.6	77.2	80.0	82.8	84.4	85.0	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.2
≥ 900	50.6	77.2	80.0	82.8	84.4	85.0	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.2
≥ 800	50.6	77.2	80.6	83.3	85.0	85.6	85.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.8
≥ 700	50.6	77.2	80.6	84.4	86.7	88.3	88.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.6
≥ 600	50.6	77.2	81.1	85.6	89.4	91.7	91.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	95.0
≥ 500	50.6	77.2	81.1	85.6	90.0	92.2	93.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.7
≥ 400	50.6	77.2	81.1	85.6	90.0	92.2	93.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.2
≥ 300	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.8
≥ 200	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.3
≥ 100	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.3
≥ 0	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63,76 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	34.8	49.6	53.9	53.9	55.7	56.5	57.0	57.4	57.4	58.3	58.3	58.3	58.3	58.7	58.7	59.1
≥ 20000	37.0	53.0	57.8	57.8	59.6	60.4	60.9	61.7	61.7	62.6	62.6	62.6	62.6	63.0	63.0	63.5
IV 18000	37.0	53.0	57.8	57.8	59.6	60.4	60.9	61.7	61.7	62.6	62.6	62.6	62.6	63.0	63.0	63.5
≥ 16000	37.0	53.0	57.8	57.8	59.6	60.4	60.9	61.7	61.7	62.6	62.6	62.6	62.6	63.0	63.0	63.5
IV 14000	37.0	53.0	57.8	57.8	59.6	60.4	60.9	61.7	61.7	62.6	62.6	62.6	62.6	63.0	63.0	63.5
≥ 12000	37.8	54.3	59.1	59.1	60.9	61.7	62.6	63.5	63.5	64.3	64.3	64.3	64.3	64.8	64.8	65.2
IV 10000	40.9	59.1	64.8	64.8	66.5	67.4	68.3	69.1	69.1	70.0	70.0	70.0	70.0	70.9	70.9	71.3
≥ 9000	40.9	59.1	64.8	65.2	67.0	67.8	68.7	69.6	69.6	70.4	70.4	70.4	70.4	71.3	71.3	71.7
IV 8000	40.9	60.9	66.5	67.4	69.1	70.0	70.9	71.7	71.7	72.6	72.6	72.6	72.6	73.5	73.5	73.9
≥ 7000	41.3	62.2	68.3	69.1	70.9	71.7	72.6	73.5	73.5	74.3	74.3	74.3	74.3	75.2	75.2	75.7
IV 6000	41.3	62.2	68.7	69.6	71.3	72.2	73.0	73.9	73.9	74.8	74.8	74.8	74.8	75.7	75.7	76.1
≥ 5000	41.7	63.9	70.4	71.3	73.0	73.9	74.8	75.7	75.7	76.5	76.5	76.5	76.5	77.4	77.4	77.8
IV 4500	41.7	63.9	70.4	71.3	73.0	73.9	74.8	75.7	75.7	76.5	76.5	76.5	76.5	77.4	77.4	77.8
≥ 4000	41.7	64.8	71.3	72.2	73.9	74.8	76.1	77.0	77.0	77.8	77.8	77.8	77.8	78.7	78.7	79.1
IV 3500	42.2	65.2	71.7	72.6	74.3	75.2	76.5	77.4	77.4	78.3	78.3	78.3	78.3	79.1	79.1	79.6
≥ 3000	43.0	67.0	73.5	74.3	76.1	77.0	78.3	79.1	79.1	80.0	80.0	80.0	80.0	80.9	80.9	81.3
IV 2500	43.0	67.0	73.5	74.3	76.1	77.0	78.3	79.1	79.1	80.0	80.0	80.0	80.0	80.9	80.9	81.3
≥ 2000	43.0	67.0	73.5	74.8	76.5	77.4	78.7	80.0	80.0	80.9	80.9	80.9	80.9	81.7	81.7	82.2
IV 1800	43.0	67.0	73.5	75.2	77.0	77.8	79.1	80.4	80.4	81.3	81.3	81.3	81.3	82.2	82.2	82.6
≥ 1500	43.0	67.4	73.9	75.7	77.8	78.7	80.0	81.3	81.3	82.2	82.2	82.2	82.2	83.0	83.0	83.5
IV 1200	43.0	69.1	75.7	77.4	79.6	80.4	81.7	83.0	83.0	83.9	83.9	83.9	83.9	84.8	84.8	85.2
≥ 1000	43.5	69.6	76.1	77.8	80.4	81.3	83.5	84.8	84.8	85.7	85.7	85.7	85.7	86.5	86.5	87.0
IV 900	43.5	69.6	76.1	77.8	80.9	81.7	83.9	85.2	85.2	86.1	86.1	86.1	86.1	87.0	87.0	87.4
≥ 800	43.9	70.0	77.0	79.1	82.2	83.0	85.2	86.5	86.5	87.4	87.4	87.4	87.4	88.3	88.3	88.7
IV 700	44.3	71.7	78.7	80.9	83.9	84.8	87.0	88.3	88.3	89.1	89.1	89.1	89.1	90.0	90.0	90.4
≥ 600	44.3	72.2	79.6	82.6	86.1	87.0	89.1	90.4	90.4	91.3	91.3	91.3	91.3	92.2	92.2	92.6
IV 500	44.3	72.2	79.6	83.0	87.0	87.8	90.4	92.2	92.2	93.5	93.5	93.5	93.5	94.3	94.3	94.8
≥ 400	44.3	72.2	79.6	83.0	87.0	87.8	90.9	92.6	92.6	93.0	94.8	94.8	95.2	95.7	96.5	96.5
IV 300	44.3	72.2	79.6	83.0	87.4	88.3	91.3	93.0	93.5	95.2	95.7	96.5	97.0	97.8	97.8	98.3
≥ 200	44.3	72.2	79.6	83.0	87.4	88.3	91.3	93.5	93.9	96.1	96.5	97.4	97.8	98.7	98.7	99.1
IV 100	44.3	72.2	79.6	83.0	87.4	88.3	91.3	93.5	93.9	96.1	96.5	97.4	97.8	98.7	98.7	99.1
≥ 0	44.3	72.2	79.6	83.0	87.4	88.3	91.3	93.5	93.9	96.1	96.5	97.4	97.8	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	33.1 36.5	44.4 49.7	46.8 52.4	48.0 53.6	49.7 55.6	49.9 55.8	50.1 55.9	50.7 56.5	50.7 56.5	50.7 56.5	50.7 56.5	50.7 56.5	51.1 56.9	51.3 57.1	51.5 57.5	51.5 57.5
IV 18000 16000	36.5 36.5	49.7 49.7	52.4 52.4	53.6 53.6	55.6 55.6	55.8 55.8	55.9 55.9	56.5 56.5	56.5 56.5	56.5 56.5	56.5 56.5	56.5 56.5	56.9 56.9	57.1 57.1	57.5 57.5	57.5 57.5
IV 14000 12000	37.0 38.6	50.3 52.2	53.0 55.4	54.2 56.5	56.1 58.7	56.3 58.9	56.5 59.1	57.1 59.6	57.1 59.6	57.1 59.6	57.1 59.6	57.1 59.6	57.5 60.0	57.7 60.2	58.1 60.6	58.1 60.6
IV 10000 9000	41.5 42.1	56.7 57.3	60.4 61.2	62.2 63.0	64.5 65.3	65.3 66.1	65.5 66.3	66.1 66.9	66.1 66.9	66.1 66.9	66.1 66.9	66.1 66.9	66.5 67.3	66.7 67.4	67.1 67.8	67.1 67.8
IV 8000 7000	43.7 44.6	59.6 61.0	64.1 65.7	66.3 67.8	68.6 70.2	69.4 71.0	69.6 71.2	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.6 72.1	70.8 72.3	71.2 72.7	71.2 72.7
IV 6000 5000	44.8 45.6	61.8 64.1	66.5 69.0	68.6 71.2	71.0 73.5	71.7 74.3	71.9 74.5	72.5 75.0	72.5 75.0	72.5 75.0	72.5 75.0	72.5 75.0	72.9 75.4	73.1 75.6	73.5 76.0	73.5 76.0
IV 4500 4000	45.6 45.8	64.1 64.5	69.0 69.6	71.2 71.7	73.5 74.1	74.3 74.9	74.5 75.0	75.0 75.6	75.0 75.6	75.0 75.6	75.0 75.6	75.0 75.6	75.4 76.0	75.6 76.2	76.0 76.6	76.0 76.6
IV 3500 3000	46.2 47.0	64.9 66.9	70.0 72.3	72.1 74.9	74.5 77.4	75.2 78.2	75.4 78.4	76.0 78.9	76.0 78.9	76.0 78.9	76.0 78.9	76.0 78.9	76.4 79.3	76.6 79.5	77.0 79.9	77.0 79.9
IV 2500 2000	47.2 47.2	68.0 70.0	73.5 75.6	76.0 78.2	78.6 80.7	79.3 81.5	79.5 81.9	80.1 82.5	80.1 82.5	80.1 82.5	80.1 82.5	80.1 82.5	80.5 82.8	80.7 83.0	81.1 83.4	81.1 83.4
IV 1800 1500	47.2 47.2	70.0 71.5	75.6 77.8	78.2 80.5	80.7 83.6	81.5 84.6	81.9 85.0	82.5 85.8	82.5 85.8	82.8 86.2	82.8 86.2	82.8 86.2	83.2 86.5	83.4 86.7	83.8 87.1	83.8 87.1
IV 1200 1000	47.6 48.1	72.5 73.3	78.8 79.7	81.5 83.0	84.8 86.5	85.8 87.5	86.2 87.9	86.9 88.7	86.9 88.7	87.5 89.3	87.5 89.3	87.5 89.3	87.9 89.7	88.1 89.9	88.5 90.3	88.5 90.3
IV 900 800	48.1 48.3	73.7 74.5	80.1 80.9	83.6 84.4	87.1 88.9	88.1 89.9	88.5 90.4	89.3 91.2	89.3 91.2	89.9 91.8	89.9 91.8	89.9 91.8	90.3 92.2	90.4 92.4	90.8 92.8	90.8 92.8
IV 700 600	48.3 48.3	75.0 75.2	81.9 82.1	85.4 85.6	90.1 90.4	91.2 91.6	91.8 93.0	92.8 94.3	92.8 94.3	93.4 94.9	93.4 94.9	93.4 94.9	93.8 95.3	94.0 95.5	94.3 95.9	94.3 95.9
IV 500 400	48.3 48.3	75.4 75.6	82.5 82.7	86.0 86.4	90.8 91.2	92.0 92.4	93.8 94.2	95.5 95.9	95.5 95.9	96.5 97.3	96.7 97.7	96.7 97.7	97.5 98.1	97.7 98.8	98.1 99.0	98.1 99.4
IV 300 200	48.3 48.3	75.6 75.6	82.7 82.7	86.4 86.4	91.4 91.4	92.6 92.6	94.3 94.3	96.3 96.3	96.3 96.3	97.7 97.7	98.2 98.2	98.6 98.6	99.4 99.4	99.6 99.6	100.0 100.0	100.0 100.0
IV 100 0	48.3 48.3	75.6 75.6	82.7 82.7	86.4 86.4	91.4 91.4	92.6 92.6	94.3 94.3	96.3 96.3	96.3 96.3	97.7 97.7	98.2 98.2	98.6 98.6	99.4 99.4	99.6 99.6	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	37.4	46.8	48.9	49.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.9	50.9	50.9	50.9
≥ 20000	42.1	53.8	55.9	56.1	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.9	57.9	57.9	57.9
> 18000	42.1	53.8	55.9	56.1	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.9	57.9	57.9	57.9
≥ 16000	42.1	53.8	55.9	56.1	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.9	57.9	57.9	57.9
≥ 14000	42.3	54.0	56.1	56.3	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1
≥ 12000	43.5	55.9	58.1	58.3	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	60.0	60.0	60.0	60.0
≥ 10000	45.8	60.2	62.6	62.8	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.5	64.5	64.5	64.5
≥ 9000	46.0	60.8	63.2	63.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	65.1	65.1	65.1	65.1
≥ 8000	47.2	63.5	65.9	66.3	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	68.0	68.0	68.0	68.0
≥ 7000	48.5	64.9	67.3	67.6	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.4	69.4	69.4	69.4
≥ 6000	48.5	65.3	67.8	68.2	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	70.0	70.0	70.0	70.0
≥ 5000	48.7	66.5	69.2	69.6	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3
≥ 4500	49.1	66.9	69.6	70.0	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.7	71.7	71.7	71.7
≥ 4000	50.5	68.6	71.3	71.9	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.7	73.7	73.7	73.7
≥ 3500	51.7	70.2	72.9	73.5	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2
≥ 3000	55.0	75.4	78.2	78.8	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.5	80.5	80.5	80.5
≥ 2500	56.3	78.4	81.3	81.9	83.0	83.0	83.4	83.4	83.4	83.6	83.6	83.6	83.6	84.0	84.0	84.0	84.0
≥ 2000	57.3	81.7	84.8	85.4	86.5	86.5	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.5	87.5	87.5	87.5
≥ 1800	57.5	81.9	85.0	85.6	86.7	86.7	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.7	87.7	87.7	87.7
≥ 1500	57.7	84.0	88.1	88.7	89.9	90.1	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.4	91.4	91.4	91.4
≥ 1200	58.1	85.2	89.7	90.6	92.0	92.2	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6
≥ 1000	58.1	86.4	91.0	92.2	93.8	94.0	94.7	94.7	94.7	94.9	94.9	94.9	94.9	95.3	95.3	95.3	95.3
≥ 900	58.3	87.1	92.0	93.4	94.9	95.1	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5
≥ 800	58.3	87.7	93.4	94.7	96.7	96.9	97.7	97.7	97.7	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2
≥ 700	58.5	88.1	93.8	95.1	97.1	97.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0
≥ 600	58.5	88.1	93.8	95.1	97.2	97.7	98.6	98.6	98.6	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2
≥ 500	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 400	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 300	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 0	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	36.3	45.2	45.6	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.9	46.9
IV 20000	42.6	53.6	54.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.8	55.8
IV 18000	42.6	53.6	54.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.8	55.8
IV 16000	42.6	53.6	54.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.8	55.8
IV 14000	43.0	54.0	54.8	54.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.2	56.2
IV 12000	44.2	55.2	56.0	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.4	57.4
IV 10000	45.4	57.2	58.2	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.6	59.6
IV 9000	45.6	57.8	59.2	59.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.6	60.6
IV 8000	46.9	60.0	61.3	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.7	62.7
IV 7000	48.1	61.5	63.1	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.5	64.5
IV 6000	48.5	62.1	63.7	63.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.1	65.1
IV 5000	48.5	63.1	64.7	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	66.1	66.1
IV 4500	49.5	64.1	65.7	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	67.1	67.1
IV 4000	53.5	68.8	70.4	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	72.0	72.0
IV 3500	55.0	72.2	73.8	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.3	75.3
IV 3000	59.0	79.3	81.5	81.7	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.2	83.2
IV 2500	61.9	84.2	86.4	86.8	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.6	88.6
IV 2000	62.3	85.8	88.0	89.2	90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.3	91.3
IV 1800	62.3	85.8	88.4	89.5	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.7	91.7
IV 1500	62.7	87.6	90.5	91.7	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.9	93.9
IV 1200	62.9	88.6	92.5	93.7	95.3	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.4	96.4
IV 1000	63.1	89.9	93.9	95.1	96.6	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.2	98.2
IV 900	63.1	90.1	94.3	95.5	97.0	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.6	98.6
IV 800	63.3	90.3	94.7	95.9	97.4	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	99.0	99.0
IV 700	63.5	90.5	94.9	96.1	98.0	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
IV 600	63.5	90.5	94.9	96.1	98.0	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
IV 500	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 400	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 300	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 200	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 100	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 0	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING ≥ 20000	36.6 43.9	46.2 56.5	47.6 58.1	48.0 58.7	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1
IV 18000 IV 16000	43.9 43.9	56.5 56.5	58.1 58.1	58.7 58.7	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1
IV 14000 IV 12000	44.8 46.0	57.3 58.5	58.9 60.2	59.5 61.2	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6
IV 10000 IV 9000	48.9 49.7	62.4 63.2	64.1 65.5	65.1 66.5	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9
IV 8000 IV 7000	51.7 53.0	66.5 67.8	68.8 70.2	69.8 71.3	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7
IV 6000 IV 5000	53.4 54.4	68.2 70.4	70.6 72.9	71.7 73.9	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3
IV 4500 IV 4000	55.4 58.5	71.7 75.2	74.1 77.6	75.2 78.6	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1
IV 3500 IV 3000	60.0 62.6	77.6 82.1	80.1 84.8	81.1 85.8	81.7 86.7	81.7 86.9	81.7 86.9	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1
IV 2500 IV 2000	64.3 64.5	85.2 87.3	87.9 89.9	88.9 91.0	89.7 91.8	89.9 92.2	89.9 92.2	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6
IV 1800 IV 1500	64.5 65.1	87.5 88.9	90.6 92.4	91.8 93.6	92.8 94.7	93.2 95.3	93.2 95.5	93.6 95.9	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1
IV 1200 IV 1000	65.3 65.7	89.3 89.7	93.2 93.6	94.7 95.1	95.7 96.1	96.3 96.7	96.5 97.1	96.9 97.5	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7
IV 900 IV 800	65.7 65.7	89.7 89.7	93.6 93.6	95.1 95.5	96.3 96.7	96.9 97.3	97.3 97.7	97.7 98.2	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4
IV 700 IV 600	65.7 65.7	90.3 90.3	94.3 94.3	96.1 96.1	97.3 97.3	97.9 97.9	98.6 98.6	99.0 99.0	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2
IV 500 IV 400	65.7 65.7	90.3 90.3	94.7 94.7	96.5 96.5	97.7 97.7	98.4 98.4	99.0 99.0	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 IV 200	65.7 65.7	90.3 90.3	94.7 94.7	96.5 96.5	97.7 97.7	98.4 98.4	99.0 99.0	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	65.7 65.7	90.3 90.3	94.7 94.7	96.5 96.5	97.7 97.7	98.4 98.4	99.0 99.0	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 487

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	41.8	50.4	51.8	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.0	
≥ 20000	52.1	63.2	64.8	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	
IV ≥ 18000	52.1	63.2	64.8	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	
IV ≥ 14000	53.5	64.5	66.2	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7	68.7	68.7	68.7	
IV ≥ 12000	54.6	65.7	67.3	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1	70.1	70.1	70.1	
IV ≥ 10000	55.7	69.0	70.6	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4	73.4	
IV ≥ 9000	56.8	70.6	72.3	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	
IV ≥ 8000	57.1	71.7	73.7	75.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	
IV ≥ 7000	59.3	74.0	76.2	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.5	
IV ≥ 6000	60.7	75.9	78.1	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	
IV ≥ 5000	62.0	77.6	80.1	82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.4	
IV ≥ 4500	62.3	77.8	80.3	82.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7	83.7	83.7	83.7	
IV ≥ 4000	65.4	81.4	83.9	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	
IV ≥ 3500	65.4	81.7	84.2	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	
IV ≥ 3000	66.5	84.5	87.3	90.0	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7	
IV ≥ 2500	67.9	86.1	88.9	92.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9	
IV ≥ 2000	68.1	87.0	89.8	92.8	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	
IV ≥ 1800	68.1	87.0	89.8	92.8	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	
IV ≥ 1500	68.4	87.5	90.6	93.6	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6	
IV ≥ 1200	68.4	87.5	90.6	94.2	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	
IV ≥ 1000	68.4	87.5	90.6	94.5	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5	
IV ≥ 900	68.4	87.8	90.9	95.0	97.2	97.5	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	
IV ≥ 800	68.4	87.8	90.9	95.3	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	
IV ≥ 700	68.4	87.8	90.9	95.3	97.8	98.1	98.3	98.6	98.6	98.6	98.6	99.2	99.2	99.4	99.4	
IV ≥ 600	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0	
IV ≥ 500	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0	
IV ≥ 400	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0	
IV ≥ 300	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0	
IV ≥ 200	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0	
IV ≥ 100	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0	
IV ≥ 0	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

361

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-63,74-76

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	42.8	54.7	59.3	60.5	61.3	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	47.3	60.9	65.4	66.7	67.5	67.5	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	47.3	60.9	65.4	66.7	67.5	67.5	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	47.3	60.9	65.4	66.7	67.5	67.5	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	47.7	61.7	66.3	67.5	68.3	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	47.7	61.7	66.3	67.5	68.3	68.3	68.7	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	49.8	65.8	71.6	73.7	74.9	74.9	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	51.0	67.1	72.8	74.9	76.1	76.1	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	51.4	67.9	74.1	76.1	77.4	77.4	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	51.8	68.3	74.5	76.5	77.8	77.8	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	53.0	70.4	76.5	78.6	79.8	79.8	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	53.0	70.8	77.0	79.0	80.2	80.2	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	53.9	70.8	77.0	79.0	80.2	80.2	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	55.1	72.8	79.0	81.5	83.5	83.5	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	55.6	73.3	79.4	81.9	84.0	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	55.6	74.9	81.9	84.4	86.4	86.4	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	56.0	75.7	82.7	85.2	87.7	87.7	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	56.0	76.1	83.1	85.6	88.9	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	56.4	77.0	84.0	86.4	89.7	89.7	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	56.4	77.4	84.4	86.8	90.1	90.1	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	56.4	77.8	84.8	87.2	90.9	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	56.4	77.8	84.8	87.2	91.8	93.0	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	56.4	77.8	84.8	87.2	91.8	93.0	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	56.4	77.8	84.8	87.2	91.8	93.0	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	56.4	77.8	84.8	87.7	93.0	94.2	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	56.4	77.8	84.8	87.7	93.0	95.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	56.4	77.8	84.8	87.7	94.2	96.3	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	56.4	77.8	84.8	87.7	94.2	96.3	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

243

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

62-63 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	35.5	58.1	67.2	67.2	67.7	69.4	71.0	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	38.2	62.4	71.5	71.5	72.6	74.2	75.8	77.4	76.3	76.3	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	38.7	64.0	73.1	73.1	74.2	75.8	77.4	78.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	38.7	64.0	73.1	73.1	74.2	75.8	77.4	78.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	41.9	68.8	78.0	78.0	79.0	80.6	82.3	82.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	43.5	72.0	81.2	81.2	82.3	83.9	85.5	86.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	45.2	74.2	83.3	83.3	84.4	86.0	87.6	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	45.7	75.3	84.9	84.9	86.0	87.6	89.2	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	45.7	75.3	84.9	84.9	86.0	87.6	89.2	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	45.7	75.3	84.9	85.5	86.6	88.2	89.8	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	45.7	75.3	84.9	85.5	86.6	88.2	89.8	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	45.7	75.8	85.5	86.0	87.1	88.7	90.3	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	45.7	76.3	86.0	86.6	87.6	89.2	90.9	91.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	45.7	76.9	86.6	87.1	88.2	89.8	91.4	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	45.7	76.9	86.6	87.1	88.2	89.8	91.4	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	45.7	77.4	87.6	88.2	89.2	90.9	92.5	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	45.7	78.0	88.2	88.7	89.8	91.4	93.0	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	45.7	78.0	88.2	88.7	89.8	91.4	93.0	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	45.7	78.5	88.7	89.2	90.3	91.9	93.5	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	45.7	78.5	88.7	90.3	91.4	93.0	94.6	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	45.7	79.0	89.2	91.9	93.0	94.6	96.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	45.7	79.0	89.2	92.5	93.5	95.2	97.3	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-62,76

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	30.5	46.4	49.4	51.1	52.4	54.1	55.4	57.1	57.1	57.9	58.4	58.4	58.4	58.4	59.2	59.2
≥ 20000	33.9	51.9	54.9	56.7	57.9	60.1	61.4	63.1	63.1	63.9	64.4	64.4	64.4	64.4	65.2	65.7
≥ 18000	33.9	51.9	54.9	56.7	57.9	60.1	61.4	63.1	63.1	63.9	64.4	64.4	64.4	64.4	65.2	65.7
≥ 16000	33.9	51.9	54.9	56.7	57.9	60.1	61.4	63.1	63.1	63.9	64.4	64.4	64.4	64.4	65.2	65.7
≥ 14000	33.9	52.4	55.4	57.1	58.4	60.5	61.8	63.5	63.5	64.4	64.8	64.8	64.8	64.8	65.7	66.1
≥ 12000	34.3	53.2	56.2	57.9	59.2	61.4	62.7	64.4	64.4	65.2	65.7	65.7	65.7	65.7	66.5	67.0
≥ 10000	35.2	54.1	58.8	61.4	63.1	65.7	67.0	69.1	69.1	70.0	70.4	70.4	70.8	70.8	72.1	72.5
≥ 9000	35.2	54.1	58.8	61.4	63.1	65.7	67.0	69.1	69.1	70.0	70.4	70.4	70.8	70.8	72.1	72.5
≥ 8000	36.1	55.8	60.5	63.1	64.8	67.4	69.1	71.2	71.2	72.1	72.5	72.5	73.0	73.0	74.2	74.7
≥ 7000	39.1	59.2	63.9	66.5	68.2	70.8	72.5	74.7	74.7	75.5	76.0	76.0	76.4	76.4	77.7	78.1
≥ 6000	39.9	60.9	66.1	68.7	70.4	73.0	74.7	76.8	76.8	77.7	78.1	78.1	78.5	78.5	79.8	80.3
≥ 5000	40.8	61.8	67.0	69.5	71.2	73.8	75.5	77.7	77.7	78.5	79.0	79.0	79.4	79.4	80.7	81.1
≥ 4500	40.8	61.8	67.0	70.0	71.7	74.2	76.0	78.1	78.1	79.0	79.4	79.4	79.8	79.8	81.1	81.5
≥ 4000	42.1	63.1	68.7	72.1	73.8	76.4	78.1	80.3	80.3	81.1	81.5	81.5	82.0	82.0	83.3	83.7
≥ 3500	42.1	63.1	68.7	72.1	73.8	76.4	78.1	80.3	80.3	81.1	81.5	81.5	82.0	82.0	83.3	83.7
≥ 3000	42.1	63.5	69.5	73.0	74.7	77.3	79.0	81.1	81.1	82.0	82.4	82.4	82.8	82.8	84.1	84.5
≥ 2500	42.1	63.5	69.5	73.4	75.5	78.1	79.8	82.4	82.4	83.3	83.7	83.7	84.1	84.1	85.4	85.8
≥ 2000	42.9	64.8	70.8	74.7	76.8	79.4	81.1	83.7	83.7	84.5	85.0	85.0	85.4	85.4	86.7	87.1
≥ 1800	42.9	64.8	70.8	74.7	76.8	79.4	81.1	83.7	83.7	84.5	85.0	85.0	85.4	85.4	86.7	87.1
≥ 1500	42.9	64.8	71.2	75.1	77.3	79.8	81.5	84.1	84.1	85.0	85.4	85.4	85.8	85.8	87.1	87.6
≥ 1200	42.9	64.8	72.1	76.0	78.1	80.7	82.4	85.0	85.0	85.8	86.3	86.3	86.7	86.7	88.0	88.4
≥ 1000	42.9	65.2	73.0	76.8	79.0	81.5	83.3	85.8	85.8	86.7	87.1	87.1	87.6	87.6	88.8	89.3
≥ 900	42.9	65.2	73.4	77.7	80.3	83.3	85.0	88.0	88.0	88.8	89.3	89.3	89.7	89.7	91.0	91.4
≥ 800	42.9	65.2	73.8	78.1	80.7	83.7	85.4	88.4	88.4	89.3	89.7	89.7	90.1	90.1	91.4	91.8
≥ 700	42.9	65.7	74.7	79.4	82.4	85.8	87.6	90.6	90.6	91.4	91.8	91.8	92.3	92.3	93.6	94.0
≥ 600	42.9	65.7	75.1	80.3	84.1	87.6	89.3	92.7	92.7	93.6	94.0	94.0	94.4	94.4	95.7	96.1
≥ 500	42.9	65.7	75.5	80.7	84.5	88.0	89.7	93.1	93.1	94.0	94.4	94.4	94.8	94.8	96.1	96.6
≥ 400	42.9	65.7	75.5	80.7	85.4	89.3	91.0	94.4	94.4	95.3	95.7	95.7	96.1	96.1	97.4	97.9
≥ 300	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.3	98.7
≥ 200	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.3	98.7
≥ 100	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.7	99.6
≥ 0	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING PRACTICE
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.0	50.2	50.9	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	43.9	56.1	57.0	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 18000	43.9	56.1	57.0	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 16000	43.9	56.1	57.0	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 14000	44.1	56.8	57.8	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 12000	45.3	58.3	59.3	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 10000	48.1	63.8	65.0	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 9000	48.7	64.4	65.7	66.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 8000	50.8	67.4	68.8	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 7000	51.3	68.8	70.1	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 6000	51.9	69.5	70.8	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 5000	52.7	70.6	72.0	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
IV 4500	52.8	71.2	72.5	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 4000	54.5	73.1	74.4	75.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 3500	55.3	74.1	75.4	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 3000	56.4	77.3	78.6	79.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 2500	58.0	80.3	82.2	84.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2000	58.7	82.0	84.1	86.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	58.7	82.8	84.8	87.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	58.9	84.1	86.4	88.8	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1200	59.3	86.0	89.0	91.7	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1000	59.5	86.9	90.2	93.2	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	59.5	87.3	90.5	93.6	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	59.5	87.5	90.7	93.8	96.4	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	59.5	87.5	90.7	93.9	97.0	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	59.5	87.7	90.9	94.1	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	59.5	87.7	91.1	94.3	97.3	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8
IV 300	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
IV 200	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
IV 100	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
IV 0	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 528

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	35.5	45.0	46.3	47.8	49.1	49.3	49.3	49.7	49.7	50.3	50.3	50.3	50.7	50.9	50.9	50.9
≥ 20000	40.2	51.6	53.3	55.0	56.4	56.9	56.9	57.3	57.3	57.9	57.9	57.9	58.3	58.4	58.4	58.4
IV ≥ 18000	40.2	51.6	53.3	55.0	56.4	56.9	56.9	57.3	57.3	57.9	57.9	57.9	58.3	58.4	58.4	58.4
IV 16000	40.2	51.6	53.3	55.0	56.4	56.9	56.9	57.3	57.3	57.9	57.9	57.9	58.3	58.4	58.4	58.4
IV 14000	40.6	52.5	54.3	56.0	57.3	57.9	57.9	58.3	58.3	58.8	58.8	58.8	59.2	59.4	59.4	59.4
IV 12000	41.6	53.5	55.4	57.5	58.8	59.6	59.6	60.0	60.0	60.5	60.5	60.5	60.9	61.1	61.1	61.1
IV 10000	44.4	58.3	60.9	63.6	65.3	66.6	66.6	67.0	67.0	67.6	67.6	67.6	68.3	68.5	68.5	68.5
IV 9000	45.0	58.8	61.5	64.1	65.8	67.2	67.2	67.6	67.6	68.1	68.1	68.1	68.9	69.1	69.1	69.1
IV 8000	46.7	62.4	65.5	68.1	70.0	71.3	71.5	72.1	72.1	72.7	72.7	72.7	73.4	73.6	73.6	73.6
IV 7000	46.9	63.0	66.0	68.7	70.6	71.9	72.1	72.7	72.7	73.2	73.2	73.2	74.0	74.2	74.2	74.2
IV 6000	47.6	63.8	66.8	69.4	71.3	72.7	72.9	73.4	73.4	74.0	74.0	74.0	74.8	75.0	75.0	75.0
IV 5000	47.6	64.3	67.4	70.0	72.1	73.4	73.6	74.4	74.4	75.0	75.0	75.0	75.9	76.1	76.1	76.1
IV 4500	47.6	64.3	67.4	70.0	72.1	73.4	73.6	74.4	74.4	75.0	75.0	75.0	75.9	76.1	76.1	76.1
IV 4000	49.0	65.8	68.9	71.7	73.8	75.1	75.9	76.7	76.7	77.2	77.2	77.2	78.2	78.4	78.4	78.4
IV 3500	49.0	66.4	69.6	72.5	74.6	75.9	76.7	77.4	77.4	78.0	78.0	78.0	78.9	79.1	79.1	79.1
IV 3000	49.3	68.3	71.5	74.6	76.7	78.2	78.9	79.7	79.7	80.3	80.3	80.3	81.2	81.4	81.4	81.4
IV 2500	49.7	68.7	72.3	75.5	77.6	79.3	80.1	81.0	81.2	81.8	81.8	81.8	82.7	82.9	82.9	82.9
IV 2000	49.9	69.4	73.1	76.5	78.6	80.3	81.0	82.0	82.2	82.7	82.7	82.7	83.7	83.9	83.9	83.9
IV 1800	49.9	69.4	73.1	76.5	78.6	80.3	81.0	82.0	82.2	82.7	82.7	82.7	83.7	83.9	83.9	83.9
IV 1500	50.1	70.2	73.8	77.2	79.7	81.4	82.2	83.1	83.3	83.9	83.9	83.9	84.8	85.0	85.0	85.0
IV 1200	50.3	71.7	75.7	79.3	82.0	83.7	84.4	85.4	85.6	86.1	86.1	86.1	87.1	87.3	87.3	87.3
IV 1000	50.5	73.2	77.2	81.0	84.4	86.1	87.1	89.0	89.2	89.8	89.8	89.8	90.7	90.9	90.9	90.9
IV 900	50.5	73.4	77.6	81.6	85.0	86.9	88.0	89.9	90.5	91.1	91.1	91.1	92.0	92.2	92.2	92.2
IV 800	50.5	73.6	77.8	81.8	85.6	87.5	89.0	90.9	91.5	92.0	92.0	92.0	93.0	93.2	93.2	93.2
IV 700	50.5	73.8	78.0	82.2	86.1	88.2	89.9	91.8	92.6	93.2	93.4	93.4	94.3	94.5	94.5	94.5
IV 600	50.5	74.0	78.2	82.4	86.5	88.8	90.5	92.8	93.5	94.3	94.5	94.5	95.6	95.8	95.8	95.8
IV 500	50.5	74.2	78.4	82.5	86.9	89.4	91.3	93.7	94.5	95.4	95.6	95.6	96.8	97.0	97.0	97.0
IV 400	50.5	74.2	78.4	82.5	86.9	89.6	91.5	94.1	95.1	96.0	96.4	96.4	97.5	97.7	97.7	97.7
IV 300	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.0	97.0	98.7	99.1	99.2	99.2
IV 200	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.2	97.2	98.9	99.2	99.6	99.6
IV 100	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.2	97.2	98.9	99.2	99.8	99.8
IV 0	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.2	97.2	98.9	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 527

DATA PROCESSING BR 4 C
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

01-63, 74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	35.7	46.2	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	43.3	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV ≥ 18000	43.3	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV ≥ 16000	43.7	55.1	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV ≥ 14000	43.9	55.3	55.5	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
IV ≥ 12000	45.0	58.8	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	59.6
IV ≥ 10000	48.5	65.0	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV ≥ 9000	49.5	66.0	66.2	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV ≥ 8000	51.3	68.2	68.5	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV ≥ 7000	51.8	68.9	69.1	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV ≥ 6000	52.2	69.5	69.7	70.9	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV ≥ 5000	53.6	71.1	71.5	72.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV ≥ 4500	54.4	71.8	72.2	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV ≥ 4000	59.2	77.3	77.7	79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV ≥ 3500	60.8	79.2	79.8	81.2	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV ≥ 3000	63.5	83.9	84.5	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV ≥ 2500	65.8	87.6	88.5	90.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV ≥ 2000	66.6	89.1	90.5	93.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV ≥ 1800	66.8	89.7	91.1	93.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV ≥ 1500	66.8	89.7	91.5	94.0	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV ≥ 1200	66.8	90.5	92.2	94.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV ≥ 1000	66.8	91.1	92.8	95.5	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV ≥ 900	66.8	91.1	92.8	95.5	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV ≥ 800	66.8	91.3	93.2	95.9	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV ≥ 700	66.8	91.5	93.4	96.1	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV ≥ 600	66.8	91.5	93.4	96.1	97.5	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 500	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV ≥ 400	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV ≥ 200	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 515

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

21-63,74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	47.5	47.9	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	47.1	58.2	58.6	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 18000	47.1	58.2	58.6	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 16000	47.9	59.3	59.4	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 14000	47.9	59.3	59.4	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 12000	50.5	62.6	63.0	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 10000	53.9	67.7	68.1	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 9000	55.2	68.9	69.3	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 8000	58.0	72.7	73.3	73.9	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 7000	59.6	74.9	75.6	76.2	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 6000	60.0	75.4	76.0	76.6	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 5000	61.8	77.8	78.8	79.6	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 4500	63.2	79.8	80.8	81.6	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4000	66.9	85.3	86.5	87.5	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3500	67.9	86.5	88.3	89.3	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	69.3	89.1	91.1	92.1	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	69.9	90.3	92.5	93.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	70.1	90.7	93.1	94.7	95.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	70.1	90.9	93.7	95.4	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	70.1	91.1	93.9	95.6	96.6	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	70.1	91.5	94.3	96.0	97.0	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	70.1	91.7	94.5	96.2	97.2	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	70.1	91.9	94.7	96.4	97.4	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	70.1	91.9	94.7	96.4	97.4	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	70.1	91.9	94.7	96.4	97.4	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	70.1	91.9	94.7	96.4	97.6	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	70.1	91.9	94.7	96.4	97.6	99.0	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

61-63,74-76 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.0	51.8	52.7	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	51.8	61.9	63.4	64.3	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	51.8	61.9	63.4	64.3	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	52.1	62.2	63.7	64.6	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	53.0	63.1	64.6	65.5	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	56.0	67.0	68.5	69.3	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	59.8	72.3	73.8	75.3	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	61.9	74.7	76.2	77.7	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	65.2	79.2	81.0	82.4	83.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	68.5	83.6	85.4	86.9	87.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	68.5	83.9	86.0	87.5	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	69.0	85.4	87.5	89.0	89.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	69.3	86.0	88.1	89.6	90.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	69.9	86.6	89.3	90.8	92.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	69.9	86.6	89.3	91.7	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	69.9	86.6	89.3	91.7	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	69.9	86.9	89.6	92.3	93.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	70.5	87.8	90.5	93.2	94.3	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	70.5	87.8	90.5	93.2	94.3	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	70.5	88.4	91.1	93.8	94.9	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	70.5	88.4	91.1	93.8	94.9	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	70.5	88.7	91.4	94.3	95.5	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	70.5	88.7	91.4	94.3	95.5	97.3	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	70.5	88.7	91.4	94.3	95.5	97.3	97.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	70.5	88.7	91.4	94.3	95.5	97.3	97.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 336

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVENS AAF MASS
STATION NAME

61-63
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	44.3	57.9	61.8	63.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	48.7	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	48.2	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	48.2	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	48.2	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	49.6	66.7	73.7	75.4	76.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	51.8	70.6	77.6	81.6	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	52.6	71.5	78.5	82.5	83.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	53.5	72.8	80.3	85.1	86.4	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	55.3	75.9	83.3	88.2	89.5	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	55.3	75.9	83.3	88.2	89.5	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	55.3	75.9	83.3	88.6	89.9	91.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	55.3	75.9	83.3	88.6	89.9	91.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	55.3	76.8	84.2	89.5	90.8	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	55.3	76.8	84.2	89.5	90.8	92.1	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	55.3	77.2	84.6	89.9	91.2	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	55.3	78.1	85.5	90.8	92.1	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	55.3	78.5	86.0	91.2	92.5	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	55.3	78.5	86.0	91.2	92.5	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	55.3	78.9	86.4	91.7	93.0	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	55.3	78.9	86.8	92.1	93.4	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	55.3	78.9	87.3	92.5	93.9	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	55.3	78.9	87.3	92.5	93.9	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	55.3	78.9	87.3	93.4	94.7	96.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	55.3	78.9	87.3	93.4	94.7	96.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	55.3	78.9	87.3	93.4	94.7	96.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	55.3	78.9	87.3	93.4	94.7	96.1	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	55.3	78.9	87.3	93.4	94.7	96.5	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 228

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FLRT DEVERS AAF MASS

62-63,76 YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.1	54.3	58.5	61.7	62.8	62.8	62.8	63.3	63.3	63.8	64.4	64.4	64.9	64.9	64.9	64.9
≥ 20000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
IV 18000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
IV 16000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
IV 14000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
IV 12000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
IV 10000	46.8	58.5	62.2	66.5	67.6	67.6	67.6	68.1	68.1	68.6	69.1	69.1	69.7	69.7	69.7	69.7
9000	46.8	58.5	62.2	66.5	67.6	67.6	67.6	68.1	68.1	68.6	69.1	69.1	69.7	69.7	69.7	69.7
IV 8000	46.8	60.1	65.4	70.2	71.3	71.3	71.3	71.8	71.8	72.3	72.9	72.9	73.4	73.4	73.4	73.4
IV 7000	47.9	63.3	68.6	73.4	74.5	74.5	74.5	75.0	75.0	75.5	76.1	76.1	76.6	76.6	76.6	76.6
IV 6000	47.9	64.9	70.2	75.0	76.1	76.1	76.1	76.6	76.6	77.1	77.7	77.7	78.2	78.2	78.2	78.2
IV 5000	47.9	65.4	71.3	76.1	77.1	77.1	77.1	77.7	77.7	78.2	78.7	78.7	79.3	79.3	79.3	79.3
IV 4500	47.9	66.0	71.8	77.1	78.2	78.2	78.2	78.7	78.7	79.3	79.8	79.8	80.3	80.3	80.3	80.3
IV 4000	47.9	66.0	71.8	77.1	78.2	78.2	78.2	78.7	78.7	79.3	79.8	79.8	80.3	80.3	80.3	80.3
IV 3500	47.9	66.0	72.3	78.2	79.3	79.3	79.3	79.8	79.8	80.3	80.9	80.9	81.4	81.4	81.4	81.4
IV 3000	47.9	67.0	73.4	79.3	80.3	80.9	80.9	81.4	81.4	81.9	82.4	82.4	83.0	83.0	83.0	83.0
IV 2500	47.9	67.6	73.9	79.8	80.9	81.4	81.9	82.4	82.4	83.0	83.5	83.5	84.0	84.0	84.0	84.0
IV 2000	47.9	68.6	75.0	81.4	82.4	83.0	83.5	84.0	84.0	84.6	85.1	85.1	85.6	85.6	85.6	85.6
IV 1800	47.9	68.6	75.0	81.4	82.4	83.0	83.5	84.0	84.0	84.6	85.1	85.1	85.6	85.6	85.6	85.6
IV 1500	47.9	70.2	76.6	83.0	85.1	85.6	86.2	86.7	86.7	87.2	87.8	87.8	88.3	88.3	88.3	88.3
IV 1200	47.9	70.2	77.1	84.6	86.7	87.2	87.8	88.3	88.3	88.8	89.4	89.4	89.9	89.9	89.9	89.9
IV 1000	47.9	70.2	77.1	84.6	87.2	87.8	88.3	88.8	89.4	89.9	90.4	90.4	91.0	91.0	91.0	91.0
IV 900	47.9	70.2	77.1	84.6	87.2	87.8	88.3	88.8	89.4	89.9	90.4	90.4	91.0	91.0	91.0	91.0
IV 800	47.9	70.2	77.1	84.6	87.8	88.3	88.8	89.4	90.4	90.4	91.0	91.5	91.5	92.0	92.0	92.0
IV 700	47.9	70.2	77.1	85.1	88.3	88.8	89.4	90.4	91.5	91.5	92.0	92.6	92.6	93.1	93.1	93.1
IV 600	47.9	70.2	77.1	85.1	88.3	88.8	89.4	90.4	91.5	91.5	92.0	92.6	92.6	93.1	93.1	93.1
IV 500	47.9	70.2	77.1	85.1	88.3	90.4	92.6	94.1	94.1	94.7	95.2	95.2	95.7	95.7	95.7	95.7
IV 400	47.9	70.2	77.1	85.1	88.3	90.4	92.6	95.7	95.7	96.3	96.8	96.8	97.3	97.3	97.3	97.3
IV 300	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.4	98.4	98.4	98.4
IV 200	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.4	98.4	98.4	98.4
IV 100	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.9	98.9	98.9	99.5
IV 0	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

51-63,76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	35.6	49.4	52.8	55.4	57.5	58.4	58.8	59.7	59.7	60.1	60.9	60.9	61.4	61.4	61.4	61.4
≥ 20000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
IV ≥ 18000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
IV 16000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
IV ≥ 14000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
IV 12000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.4	65.2	65.7	66.1	67.0	67.0	67.4	67.4	67.4
IV ≥ 10000	39.1	54.5	58.8	63.1	66.1	67.4	67.8	68.7	69.1	69.5	70.4	70.4	70.8	70.8	70.8	70.8
IV 9000	39.3	54.9	59.2	63.5	66.5	67.8	68.2	69.1	69.5	70.0	70.8	70.8	71.2	71.2	71.2	71.2
IV ≥ 8000	39.9	56.2	61.4	65.7	68.7	70.0	70.4	71.2	71.7	72.1	73.0	73.0	73.4	73.4	73.4	73.4
IV 7000	39.9	57.1	63.5	67.8	70.8	72.1	72.5	73.4	73.8	74.2	75.1	75.1	75.5	75.5	75.5	75.5
IV ≥ 6000	41.2	58.8	65.2	69.5	72.5	73.8	74.2	75.1	75.5	76.0	76.8	76.8	77.3	77.3	77.3	77.3
IV 5000	41.2	59.2	65.7	70.0	73.0	74.2	74.7	75.5	76.0	76.4	77.3	77.3	77.7	77.7	77.7	77.7
IV ≥ 4500	41.6	60.1	66.5	70.8	73.8	75.1	75.5	76.4	76.8	77.3	78.1	78.1	78.5	78.5	78.5	78.5
IV 4000	41.6	60.9	67.4	71.7	74.7	76.0	76.4	77.3	77.7	78.1	79.0	79.0	79.4	79.4	79.4	79.4
IV ≥ 3500	41.6	61.4	67.8	72.5	75.5	76.8	77.3	78.1	78.5	79.0	79.8	79.8	80.3	80.3	80.3	80.3
IV 3000	41.6	61.4	67.8	72.5	75.5	76.8	77.3	78.5	79.0	79.4	80.3	80.3	80.7	80.7	80.7	80.7
IV ≥ 2500	41.6	61.8	68.2	73.4	76.4	77.7	78.5	80.3	80.7	81.5	82.4	82.4	82.8	82.8	82.8	82.8
IV 2000	41.6	63.1	69.5	75.1	78.1	79.4	80.3	82.0	82.4	83.3	84.1	84.1	84.5	84.5	84.5	84.5
IV ≥ 1800	41.6	63.1	70.0	75.5	78.5	79.8	80.7	82.4	82.8	83.7	84.5	84.5	85.0	85.0	85.0	85.0
IV 1500	42.1	63.5	70.4	76.0	79.0	80.7	82.4	84.1	84.5	85.4	86.3	86.3	86.7	86.7	86.7	86.7
IV ≥ 1200	42.1	63.5	70.4	76.0	79.0	81.5	83.3	85.0	85.4	86.3	87.1	87.1	87.6	87.6	87.6	87.6
IV 1000	42.1	63.5	70.8	76.4	80.3	82.4	84.1	86.3	86.7	87.6	88.4	88.4	88.8	88.8	89.3	89.3
IV ≥ 900	42.1	63.5	70.8	76.4	80.2	82.4	84.1	86.3	86.7	87.6	88.4	88.4	88.8	88.8	89.3	89.3
IV 800	42.1	63.5	70.8	76.8	80.7	82.8	85.0	87.6	88.0	88.8	89.7	89.7	90.1	90.1	90.6	90.6
IV ≥ 700	42.1	63.5	70.8	76.8	81.1	83.7	86.3	89.3	90.1	91.0	91.8	91.8	92.3	92.3	92.7	92.7
IV 600	42.1	63.5	70.8	76.8	81.1	84.5	87.6	91.0	91.8	92.7	93.6	93.6	94.0	94.0	94.4	94.4
IV ≥ 500	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	94.4	94.4	94.8	94.8
IV 400	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	94.4	94.4	95.3	95.3
IV ≥ 300	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	94.4	94.4	95.3	95.3
IV 200	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	95.7	95.7	96.6	96.6
IV ≥ 100	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	96.1	96.1	97.0	97.0
IV 0	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	96.1	96.1	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-62, 74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	38.7	49.4	50.6	53.4	54.2	54.9	55.1	55.5	55.5	55.7	55.8	55.9	56.8	56.8	56.8	57.2
≥ 20000	40.8	54.9	56.4	59.4	60.6	61.7	61.9	62.3	62.3	62.5	62.8	62.8	63.8	63.8	63.8	64.2
≥ 18000	40.8	54.9	56.4	59.4	60.6	61.7	61.9	62.3	62.3	62.5	62.8	62.8	63.8	63.8	63.8	64.2
≥ 16000	40.8	54.9	56.4	59.4	60.6	61.7	61.9	62.3	62.3	62.5	62.8	62.8	63.8	63.8	63.8	64.2
≥ 14000	40.8	55.3	56.8	60.0	61.1	62.3	62.5	62.9	62.8	63.0	63.4	63.4	64.3	64.3	64.3	64.7
≥ 12000	41.5	56.2	57.7	60.9	62.1	63.2	63.4	63.8	63.8	64.0	64.3	64.3	65.3	65.3	65.3	65.7
≥ 10000	42.3	58.3	60.0	63.4	64.5	66.0	66.4	66.8	67.0	67.2	67.5	67.5	68.5	68.5	68.7	69.2
≥ 9000	43.2	59.4	61.3	64.9	66.0	67.5	68.3	68.7	68.9	69.1	69.4	69.4	70.4	70.4	70.6	71.1
≥ 8000	45.5	62.8	64.7	68.3	69.4	70.9	72.1	72.6	72.8	73.2	73.6	73.6	74.5	74.5	74.7	75.3
≥ 7000	45.7	64.2	66.0	69.6	70.8	72.3	73.4	74.0	74.2	74.5	74.9	74.9	75.8	75.8	76.0	76.6
≥ 6000	46.0	64.5	66.4	70.0	71.1	72.6	73.8	74.3	74.5	74.9	75.3	75.3	76.2	76.2	76.4	77.0
≥ 5000	46.2	64.9	67.0	70.6	71.7	73.2	74.3	74.9	75.1	75.5	75.8	75.8	76.8	76.8	77.0	77.5
≥ 4500	46.2	65.3	67.4	71.1	72.3	73.8	74.9	75.5	75.8	76.2	76.6	76.6	77.5	77.5	77.7	78.3
≥ 4000	46.8	66.0	68.1	71.9	73.0	74.5	75.8	76.4	76.8	77.2	77.5	77.5	78.5	78.5	78.7	79.2
≥ 3500	47.0	66.4	68.5	72.3	73.4	74.9	76.2	76.8	77.2	77.5	77.9	77.9	78.9	78.9	79.1	79.6
≥ 3000	47.2	66.8	69.1	72.8	74.0	75.5	77.0	77.7	78.1	78.5	78.9	78.9	79.8	79.8	80.0	80.6
≥ 2500	47.4	68.3	70.6	74.5	76.4	77.9	79.4	80.2	80.6	80.9	81.3	81.3	82.3	82.3	82.5	83.0
≥ 2000	47.5	69.4	71.7	75.7	77.7	79.2	80.8	81.5	82.1	82.5	82.8	82.8	83.8	83.8	84.0	84.5
≥ 1800	47.9	69.8	72.3	76.2	78.3	79.8	81.3	82.1	82.6	83.0	83.4	83.4	84.3	84.3	84.5	85.1
≥ 1500	48.3	70.8	73.2	77.5	79.6	81.1	82.6	83.4	84.0	84.3	84.7	84.7	85.7	85.7	85.8	86.4
≥ 1200	48.7	71.7	74.2	78.5	80.8	82.3	83.8	84.5	85.1	85.5	85.8	85.8	86.8	86.8	87.0	87.5
≥ 1000	49.1	72.1	74.5	79.1	81.3	82.8	84.7	86.0	86.8	87.2	87.7	87.7	88.7	88.7	88.9	89.4
≥ 900	49.1	72.1	74.5	79.1	81.3	82.8	84.7	86.0	86.8	87.2	87.7	87.7	88.7	88.7	88.9	89.4
≥ 800	49.1	72.6	75.3	80.0	82.3	83.8	85.7	87.2	87.9	88.3	88.9	88.9	89.8	89.8	90.0	90.6
≥ 700	49.1	73.2	76.0	80.8	83.4	85.1	87.2	89.1	89.8	90.2	90.8	90.8	91.7	91.7	91.9	92.5
≥ 600	49.1	73.2	76.0	80.9	83.8	85.5	87.7	89.6	90.4	90.8	91.3	91.3	92.3	92.3	92.5	93.0
≥ 500	49.1	73.2	76.0	80.9	84.9	87.2	89.4	91.5	92.3	92.6	93.2	93.2	94.2	94.2	94.3	94.9
≥ 400	49.1	73.2	76.0	80.9	84.9	87.2	90.2	92.6	93.4	94.5	95.1	95.1	96.0	96.0	96.2	96.8
≥ 300	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.4	97.4	97.9	98.5
≥ 200	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.9	97.9	98.7	99.2
≥ 100	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.9	97.9	98.7	99.2
≥ 0	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.9	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 530

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63, 74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	46.4	57.8	58.9	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20'00	48.2	61.3	63.0	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	48.2	61.3	63.0	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	48.2	61.3	63.0	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	49.0	62.1	63.7	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 12000	49.3	62.8	64.5	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	50.7	64.9	66.5	67.5	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 9000	52.1	66.4	68.0	69.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	53.5	68.2	70.1	71.2	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 7000	53.8	68.6	70.7	72.1	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	53.8	68.8	71.0	72.5	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 5000	53.8	68.8	71.0	72.5	72.5	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	53.8	68.8	71.0	72.7	72.7	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 4000	54.0	69.2	71.6	73.3	73.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	54.0	69.7	72.1	73.8	73.8	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 3000	55.1	71.6	74.2	75.9	76.3	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	58.3	76.4	79.1	80.7	81.1	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 2000	59.3	78.1	80.7	82.6	83.0	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	59.3	78.1	80.7	82.6	83.0	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1500	59.4	80.0	82.8	84.7	85.0	85.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	59.6	81.3	84.5	86.4	86.9	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1000	59.8	81.9	85.2	87.1	87.9	88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	59.8	81.9	85.2	87.3	88.0	88.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 800	59.8	82.6	86.7	89.0	89.7	90.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	59.8	84.3	88.4	91.0	91.8	92.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 600	59.8	84.7	88.8	91.8	92.7	93.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	59.8	85.2	89.3	92.5	93.6	94.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	59.8	85.2	89.3	92.7	94.6	95.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 535

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-62,74-76 YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.1	51.1	51.4	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	50.3	59.3	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	50.7	59.7	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	50.7	59.7	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	51.3	60.3	60.7	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
≥ 12000	51.3	60.7	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	52.8	62.6	63.0	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	53.4	63.2	63.6	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	54.5	64.7	65.5	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	55.3	65.7	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	55.5	66.1	66.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	56.1	66.7	67.4	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	56.3	67.1	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	59.0	70.7	71.7	72.6	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	61.1	73.2	74.2	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	62.0	75.5	76.5	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	66.9	82.7	84.0	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	67.2	83.2	84.8	85.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	67.2	83.4	85.0	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	67.8	85.0	86.7	88.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	68.0	86.3	88.1	89.8	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	68.0	87.3	89.4	91.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	68.0	87.3	89.4	91.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	68.0	88.1	90.2	92.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	68.0	88.6	90.9	92.9	95.2	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	68.0	89.0	91.3	93.3	95.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	68.0	89.0	91.3	93.3	95.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	68.2	89.2	91.7	94.0	97.5	98.1	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 300	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 200	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 51

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.6	52.4	52.8	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	53.2	62.2	63.2	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	54.2	63.4	64.4	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	54.2	63.4	64.4	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	54.8	64.0	65.0	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	55.4	64.6	65.6	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	57.6	67.2	68.2	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	57.6	67.2	68.2	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	59.0	69.2	70.2	70.8	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	59.8	70.0	71.0	71.6	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	60.4	70.8	71.8	72.4	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	62.8	73.4	74.4	75.0	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	63.0	73.8	74.8	75.4	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	66.4	77.2	78.4	79.0	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	67.4	78.8	80.2	81.2	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	68.8	81.6	83.0	84.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	69.8	83.6	85.0	86.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	70.0	84.8	86.6	87.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	70.0	85.0	86.8	88.2	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	70.4	86.0	87.8	89.4	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	70.6	86.6	88.4	90.2	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	70.6	87.6	89.6	91.6	93.4	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	70.6	88.0	90.2	92.2	94.2	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	70.6	88.2	90.4	92.4	94.4	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	70.6	88.4	90.8	92.8	94.8	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	70.6	88.4	90.8	92.8	94.8	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	70.6	88.6	91.0	93.2	95.6	96.4	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	70.6	88.6	91.0	93.2	95.6	96.6	98.0	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FGRT DEFENS AAF MASS
STATION NAME

61-63,74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	45.6	53.8	55.3	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	52.9	62.1	64.1	65.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	53.2	62.4	64.4	65.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	53.2	62.4	64.4	65.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	53.5	62.6	64.7	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	54.7	64.4	66.5	67.9	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	57.4	67.1	69.1	70.6	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9000	57.9	67.6	69.7	71.2	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	59.4	69.7	72.1	73.5	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	60.0	70.9	73.5	75.0	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	60.6	72.4	75.0	76.5	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	61.2	73.5	76.2	77.9	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	62.1	74.4	77.1	78.8	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	63.2	76.2	78.8	80.6	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	64.4	77.6	80.6	82.4	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	65.6	80.0	83.2	85.0	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4
≥ 2500	66.5	81.2	84.4	86.2	88.2	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.8	88.8	88.8
≥ 2000	67.4	82.9	86.5	88.5	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5
≥ 1800	67.4	83.2	86.8	89.1	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.1	92.1	92.1
≥ 1500	67.4	83.5	87.4	89.7	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6
≥ 1200	67.4	83.8	87.6	90.0	92.4	92.4	92.4	92.6	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2
≥ 1000	67.4	84.1	87.9	90.6	92.9	92.9	92.9	93.5	94.1	94.1	94.1	94.1	94.1	94.4	94.4	94.4
≥ 900	68.2	85.0	88.8	91.5	93.8	93.8	93.8	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3
≥ 800	68.2	85.0	88.8	91.5	93.8	93.8	93.8	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3
≥ 700	68.2	85.0	89.1	91.8	94.1	94.4	94.4	95.3	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2
≥ 600	68.2	85.0	89.1	91.8	94.1	94.4	94.4	95.6	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1
≥ 500	68.2	85.0	89.1	91.8	94.1	94.4	94.4	95.9	97.9	97.9	97.9	98.2	98.2	98.5	98.5	98.5
≥ 400	68.2	85.0	89.1	91.8	94.1	94.4	94.4	96.2	98.2	98.2	98.2	99.4	99.4	99.4	99.7	99.7
≥ 300	68.2	85.0	89.1	91.8	94.1	94.4	94.4	96.2	98.2	98.2	98.2	99.4	99.4	99.4	100.0	100.0
≥ 200	68.2	85.0	89.1	91.8	94.1	94.4	94.4	96.2	98.2	98.2	98.2	99.4	99.4	99.4	100.0	100.0
≥ 100	68.2	85.0	89.1	91.8	94.1	94.4	94.4	96.2	98.2	98.2	98.2	99.4	99.4	99.4	100.0	100.0
≥ 0	68.2	85.0	89.1	91.8	94.1	94.4	94.4	96.2	98.2	98.2	98.2	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 340

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.1	54.9	58.3	60.0	61.3	61.3	61.3	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	49.8	62.1	65.5	67.2	68.5	68.5	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	51.5	65.1	68.5	71.1	72.3	72.3	72.3	72.3	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	51.5	65.1	68.5	71.1	72.3	72.3	72.3	72.3	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	52.3	66.0	69.4	71.9	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	53.2	66.8	71.5	74.0	75.3	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	54.0	67.7	72.3	74.9	76.2	76.2	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	54.0	69.4	74.9	77.4	79.1	79.1	79.1	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	54.0	69.4	74.9	77.4	79.6	79.6	79.6	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	54.5	70.6	76.2	78.7	80.9	80.9	80.9	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	54.9	71.1	76.6	79.6	81.7	81.7	81.7	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	55.3	71.5	78.3	81.3	83.4	83.4	83.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	56.2	73.2	80.0	83.4	85.5	85.5	85.5	85.5	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	56.2	73.6	80.9	84.3	86.8	86.8	86.8	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	56.2	73.6	81.3	84.7	87.2	87.2	87.2	87.2	87.2	87.7	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	56.2	73.6	81.7	85.5	88.1	88.1	88.1	88.1	88.1	88.5	88.9	89.4	89.4	89.4	89.4	89.4
≥ 1200	56.2	74.0	82.1	86.0	88.5	88.5	88.5	88.5	88.5	88.9	89.4	89.8	89.8	89.8	89.8	89.8
≥ 1000	56.2	74.5	82.6	86.4	88.9	88.9	89.4	89.8	89.8	90.2	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	56.2	74.5	82.6	86.8	89.4	89.4	89.8	90.2	90.2	90.6	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	56.2	74.5	82.6	86.8	89.4	89.4	90.2	90.6	90.6	91.1	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	56.2	74.9	83.0	87.2	89.8	89.8	91.1	91.5	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	56.2	74.9	83.0	87.2	89.8	90.6	92.3	92.8	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	56.2	74.9	83.0	87.2	90.2	91.5	93.6	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	56.2	74.9	83.8	88.1	91.1	92.3	95.7	97.4	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 235

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

51-63
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.4	48.4	48.9	51.1	53.8	54.3	55.9	56.5	56.5	56.5	56.5	56.5	56.5	57.0	57.5	57.5
≥ 20000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
IV 18000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
IV 16000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
IV 14000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
IV 12000	42.5	50.0	51.1	54.3	57.0	57.5	59.1	59.7	59.7	59.7	59.7	59.7	59.7	60.2	60.8	60.8
IV 10000	43.5	53.2	54.3	57.5	60.2	60.8	62.4	62.9	62.9	62.9	62.9	62.9	62.9	63.4	64.0	64.0
IV 9000	43.5	54.3	55.4	58.6	61.3	61.8	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.5	65.1	65.1
IV 8000	45.7	56.5	58.1	61.3	64.0	64.5	66.1	66.7	66.7	66.7	66.7	66.7	66.7	67.2	67.7	67.7
IV 7000	46.2	57.0	58.6	61.8	64.5	65.1	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.7	68.3	68.3
IV 6000	46.8	57.5	59.1	62.4	65.1	65.6	67.2	67.7	67.7	67.7	67.7	67.7	67.7	68.3	68.8	68.8
IV 5000	49.5	62.4	64.0	67.7	70.4	71.0	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.7	74.2	74.2
IV 4500	49.5	62.4	64.0	67.7	70.4	71.0	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.7	74.2	74.2
IV 4000	51.6	65.1	66.7	70.4	73.1	73.7	75.3	75.8	75.8	75.8	75.8	75.8	75.8	76.3	76.9	76.9
IV 3500	51.6	65.1	66.7	70.4	73.1	73.7	75.3	75.8	75.8	75.8	75.8	75.8	75.8	76.3	76.9	76.9
IV 3000	51.6	65.6	67.7	72.0	74.7	75.8	78.0	78.5	78.5	78.5	78.5	78.5	78.5	79.0	79.6	79.6
IV 2500	53.2	67.2	69.4	73.7	76.3	77.4	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.6	81.2	81.2
IV 2000	53.8	68.3	70.4	75.3	78.0	79.5	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.8	83.3	83.3
IV 1800	54.3	69.9	72.0	76.9	79.6	81.2	83.3	83.9	83.9	83.9	83.9	83.9	83.9	84.4	84.9	84.9
IV 1500	55.4	71.5	73.7	79.0	82.3	83.9	86.0	86.6	86.6	86.6	86.6	86.6	86.6	87.1	87.6	87.6
IV 1200	55.4	72.6	74.7	80.1	83.3	84.9	87.1	87.6	87.6	87.6	87.6	87.6	87.6	88.2	88.7	88.7
IV 1000	55.4	72.6	74.7	80.1	83.3	84.9	87.1	87.6	87.6	87.6	87.6	87.6	87.6	88.2	88.7	88.7
IV 900	55.4	72.6	74.7	80.6	83.9	85.5	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.7	89.2	89.2
IV 800	55.4	72.6	75.8	81.7	85.5	87.1	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.9	91.4	91.4
IV 700	55.4	72.6	75.8	81.7	86.0	87.6	90.3	91.4	91.4	91.4	91.9	91.9	91.9	92.5	93.0	93.0
IV 600	55.4	72.6	75.8	81.7	86.0	87.6	90.3	91.4	91.4	92.5	92.5	92.5	92.5	93.0	93.5	93.5
IV 500	55.4	72.6	75.8	81.7	86.6	88.2	90.9	92.5	92.5	94.1	94.1	94.1	94.1	94.6	95.2	95.2
IV 400	55.4	72.6	75.8	81.7	86.6	88.2	91.4	93.0	93.0	94.6	94.6	94.6	94.6	95.2	95.7	95.7
IV 300	55.4	72.6	75.8	81.7	86.6	88.2	91.9	93.5	93.5	95.7	95.7	95.7	95.7	96.2	96.8	96.8
IV 200	55.4	72.6	75.8	81.7	86.6	88.2	91.9	94.1	94.1	96.2	97.8	97.8	97.8	98.4	98.9	98.9
IV 100	55.4	72.6	75.8	81.7	86.6	88.2	91.9	94.1	94.1	96.2	97.8	97.8	97.8	98.4	98.9	98.9
IV 0	55.4	72.6	75.8	81.7	86.6	88.2	91.9	94.1	94.1	96.2	97.8	97.8	97.8	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-62,74,76 YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.3	50.2	50.0	52.8	53.2	53.2	54.9	55.8	56.2	58.4	58.6	58.8	59.2	60.1	60.5	60.9
≥ 20000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
IV ≥ 18000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
IV 16000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
IV 14000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
IV 12000	38.6	52.8	53.6	57.1	57.5	57.5	59.2	60.5	60.9	63.5	63.9	63.9	65.2	66.1	66.5	67.0
IV 10000	38.6	52.8	54.1	57.5	57.9	57.9	59.7	60.9	61.4	63.9	64.4	64.4	65.7	66.5	67.0	67.4
IV 9000	38.6	53.2	54.9	58.4	58.8	58.8	60.5	61.8	62.2	64.8	65.2	65.2	66.5	67.4	67.8	68.2
IV 8000	40.3	55.8	57.9	61.4	61.8	61.8	63.5	64.8	65.2	67.8	68.2	68.2	69.5	70.4	70.8	71.2
IV 7000	40.3	55.8	57.9	61.4	61.8	61.8	63.5	64.8	65.2	67.8	68.2	68.2	69.5	70.4	70.8	71.2
IV 6000	41.2	56.7	58.9	62.2	62.7	62.7	64.4	65.7	66.1	68.7	69.1	69.1	70.4	71.2	71.7	72.1
IV 5000	41.2	57.9	60.1	63.5	63.9	63.9	65.7	67.4	67.8	70.4	70.8	70.8	72.1	73.0	73.4	73.8
IV 4500	41.2	57.9	60.1	63.5	63.9	63.9	65.7	67.4	67.8	70.4	70.8	70.8	72.1	73.0	73.4	73.8
IV 4000	41.6	58.8	60.9	64.4	64.8	64.8	66.5	68.2	68.7	71.2	71.7	71.7	73.0	73.8	74.2	74.7
IV 3500	41.6	59.2	61.8	65.2	65.7	66.1	67.8	69.5	70.0	72.5	73.0	73.0	74.2	75.1	75.5	76.0
IV 3000	42.9	60.9	63.5	67.4	68.2	68.7	70.4	72.1	72.5	75.1	75.5	75.5	76.8	77.7	78.1	78.5
IV 2500	42.9	61.8	64.4	68.7	70.0	70.4	72.1	73.8	74.2	76.8	77.3	77.3	78.5	79.4	79.8	80.3
IV 2000	43.3	62.2	65.7	70.0	71.7	72.1	73.8	75.5	76.0	78.5	79.0	79.0	80.3	81.1	81.5	82.0
IV 1800	43.3	63.1	67.0	71.2	73.0	73.4	75.1	76.8	77.3	79.8	80.3	80.3	81.5	82.4	82.8	83.3
IV 1500	43.3	63.5	67.4	71.7	73.8	74.2	76.0	77.7	78.1	80.7	81.1	81.1	82.8	83.7	84.1	84.5
IV 1200	44.6	65.2	69.5	73.8	76.8	77.7	79.8	81.5	82.0	84.5	85.0	85.0	86.7	87.6	88.0	88.4
IV 1000	44.6	65.2	69.5	73.8	76.8	77.7	79.8	81.5	82.0	84.5	85.0	85.0	86.7	87.6	88.0	88.4
IV 900	44.6	65.2	70.0	74.2	77.7	78.5	80.7	82.4	82.8	85.4	85.8	85.8	87.6	88.4	88.8	89.3
IV 800	44.6	65.2	70.0	74.2	77.7	78.5	80.7	82.4	82.8	85.4	85.8	85.8	87.6	88.4	88.8	89.3
IV 700	44.6	65.2	70.0	74.2	77.7	78.5	81.5	83.7	84.1	86.7	87.6	87.6	89.3	90.1	90.6	91.0
IV 600	44.6	65.2	70.0	74.2	77.7	79.0	82.0	84.1	84.5	87.1	88.0	88.0	89.7	90.6	91.0	91.4
IV 500	44.6	65.2	70.0	74.2	78.5	79.8	83.3	85.4	85.8	88.4	89.3	89.3	91.0	91.8	92.3	92.7
IV 400	44.6	65.2	70.0	74.2	79.4	80.7	84.5	86.7	87.1	90.1	91.0	91.0	93.1	94.0	94.4	94.8
IV 300	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	96.1	97.0	97.4	97.9
IV 200	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	96.6	97.4	97.9	98.3
IV 100	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	97.0	97.9	98.3	98.7
IV 0	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	97.0	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT JEVENS AAF MASS

61-63,74-76 YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.8	45.0	46.4	47.6	48.5	48.7	49.3	49.5	49.9	51.1	51.3	51.3	52.2	52.4	53.0	54.8
≥ 20000	41.3	49.1	50.5	51.7	52.6	52.8	53.4	54.2	54.6	55.8	55.9	55.9	57.3	57.5	58.1	59.8
≥ 18000	41.3	49.1	50.5	51.7	52.8	53.0	54.0	54.8	55.2	56.3	56.5	56.5	57.9	58.1	58.7	60.4
≥ 16000	41.3	49.1	50.5	51.7	52.8	53.0	54.0	54.8	55.2	56.3	56.5	56.5	57.9	58.1	58.7	60.4
≥ 14000	41.3	49.1	50.5	51.7	52.8	53.0	54.0	54.8	55.2	56.3	56.5	56.5	57.9	58.1	58.7	60.4
≥ 12000	42.1	50.5	51.9	53.0	54.2	54.4	55.4	56.1	56.5	57.7	58.1	58.1	59.6	59.8	60.4	62.2
≥ 10000	43.7	52.8	54.2	55.4	56.7	57.1	58.7	59.5	59.8	61.0	61.6	61.6	63.2	63.4	63.9	65.7
≥ 9000	44.2	53.4	55.2	56.3	57.7	58.1	59.6	60.4	60.8	62.0	62.6	62.6	64.1	64.3	64.9	66.7
≥ 8000	46.0	55.2	57.3	58.5	60.0	60.4	62.4	63.4	63.7	64.9	65.5	65.5	67.1	67.3	67.8	69.6
≥ 7000	46.2	55.4	57.7	58.9	60.4	60.8	62.8	63.7	64.3	65.5	66.5	66.5	68.0	68.2	68.8	70.6
≥ 6000	45.4	55.8	58.1	59.5	61.2	61.6	63.5	64.5	65.1	66.3	67.3	67.3	68.8	69.0	69.6	71.3
≥ 5000	48.1	57.5	60.0	61.6	63.5	64.1	66.3	67.3	67.8	69.0	70.0	70.0	71.5	71.7	72.3	74.1
≥ 4500	48.3	57.7	60.2	61.8	64.1	64.7	66.9	67.8	68.4	69.6	70.6	70.6	72.1	72.3	72.9	74.7
≥ 4000	48.3	58.1	60.6	62.6	64.9	65.5	67.6	68.6	69.2	70.4	71.3	71.3	72.9	73.1	73.7	75.4
≥ 3500	48.3	58.3	60.8	62.8	65.1	65.7	67.8	68.8	69.4	70.6	71.5	71.5	73.1	73.3	73.9	75.6
≥ 3000	43.5	59.3	61.8	63.7	66.3	67.1	69.6	71.2	71.7	72.9	73.9	73.9	75.4	75.6	76.2	78.0
≥ 2500	49.5	60.4	63.0	64.9	67.4	68.2	70.8	72.3	72.9	74.1	75.2	75.2	76.8	77.0	77.6	79.3
≥ 2000	49.7	60.6	63.2	65.3	67.8	68.6	71.2	72.9	73.5	74.7	75.8	75.8	77.4	77.6	78.4	80.1
≥ 1800	50.1	61.2	63.7	65.9	68.4	69.2	71.7	73.5	74.1	75.2	76.4	76.4	78.0	78.2	78.9	80.7
≥ 1500	50.3	61.6	64.1	66.5	69.4	70.2	73.1	74.9	75.4	76.6	77.8	77.8	79.3	79.5	80.3	82.1
≥ 1200	50.7	63.0	65.7	68.0	71.0	72.1	75.0	76.8	77.4	78.6	79.7	79.7	81.3	81.5	82.3	84.0
≥ 1000	50.7	63.2	66.7	69.2	72.1	73.3	76.2	78.2	78.8	80.3	81.5	81.5	83.0	83.2	84.0	85.8
≥ 900	50.9	63.9	67.4	70.2	73.3	74.5	77.6	79.5	80.1	81.7	82.8	82.8	84.4	84.6	85.4	87.1
≥ 800	50.9	64.7	68.2	71.0	74.3	75.4	78.6	80.5	81.1	82.7	83.8	83.8	85.4	85.6	86.4	88.1
≥ 700	51.1	65.1	68.6	71.3	74.9	76.0	79.1	81.3	81.9	83.4	85.2	85.2	86.7	86.9	87.7	89.5
≥ 600	51.5	65.7	69.2	72.1	75.8	77.2	80.5	83.2	83.8	85.4	87.3	87.3	88.9	89.1	89.9	91.6
≥ 500	51.5	65.7	69.4	72.9	76.6	78.2	81.9	85.2	85.8	87.5	89.5	89.5	91.0	91.2	92.0	93.8
≥ 400	51.5	65.7	69.4	72.9	76.6	78.2	81.9	85.4	86.5	88.9	90.8	90.8	91.2	92.8	93.0	95.7
≥ 300	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.2	95.3	95.5	96.7	98.4
≥ 200	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.6	95.9	96.1	97.5	99.2
≥ 100	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.6	96.1	96.3	97.7	100.0
≥ 0	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.6	96.1	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	45.6	52.9	53.8	54.8	55.6	55.6	55.6	55.6	55.6	55.6	56.0	56.0	56.0	56.2	56.4	56.6
≥ 20000	52.1	60.2	61.3	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.7	63.9	64.1
≥ 18000	52.1	60.2	61.3	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.7	63.9	64.1
≥ 16000	52.1	60.2	61.3	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.7	63.9	64.1
≥ 14000	52.7	60.9	62.1	63.1	63.9	63.9	63.9	63.9	63.9	63.9	64.3	64.3	64.3	64.5	64.7	64.9
≥ 12000	53.6	62.7	63.9	64.9	65.7	65.7	65.7	65.7	65.7	65.7	66.1	66.1	66.1	66.3	66.5	66.7
≥ 10000	55.2	65.3	66.5	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.0	69.2	69.4
≥ 9000	55.2	65.3	66.5	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.0	69.2	69.4
≥ 8000	56.2	66.7	68.2	69.4	70.6	70.6	70.8	70.8	70.8	70.8	71.2	71.2	71.2	71.4	71.6	71.8
≥ 7000	56.2	66.7	68.2	69.4	70.6	70.6	70.8	70.8	71.0	71.0	71.4	71.4	71.4	71.6	71.8	72.0
≥ 6000	57.0	67.5	69.0	70.2	71.4	71.4	71.6	71.6	71.8	71.8	72.2	72.2	72.2	72.4	72.6	72.8
≥ 5000	57.6	68.0	69.6	70.8	72.0	72.0	72.2	72.2	72.4	72.4	72.8	72.8	72.8	73.0	73.2	73.4
≥ 4500	57.6	68.0	69.6	71.0	72.6	72.6	72.8	72.8	73.0	73.4	73.4	73.4	73.4	73.6	73.8	74.0
≥ 4000	58.8	69.6	71.2	72.6	74.2	74.2	74.4	74.4	74.6	75.0	75.0	75.0	75.0	75.1	75.3	75.5
≥ 3500	59.8	71.2	72.8	74.2	75.7	75.7	75.9	75.9	76.1	76.5	76.5	76.5	76.7	76.9	76.9	77.1
≥ 3000	61.9	74.4	75.9	77.3	78.9	78.9	79.1	79.1	79.3	80.1	80.1	80.1	80.3	80.5	80.5	80.7
≥ 2500	62.5	75.3	76.9	78.3	79.9	79.9	80.1	80.1	80.3	81.1	81.1	81.1	81.3	81.5	81.5	81.7
≥ 2000	62.7	76.1	77.7	79.1	80.9	80.9	81.1	81.1	81.3	82.1	82.1	82.1	82.2	82.4	82.4	82.6
≥ 1800	62.9	76.3	77.9	79.3	81.1	81.1	81.3	81.3	81.5	82.2	82.2	82.2	82.4	82.6	82.6	82.8
≥ 1500	62.9	77.5	79.3	80.7	82.4	82.4	82.6	82.6	82.8	83.6	83.6	83.6	83.8	84.0	84.0	84.2
≥ 1200	63.5	79.5	81.5	82.8	85.0	85.0	85.2	85.2	85.4	86.2	86.2	86.2	86.4	86.6	86.6	86.8
≥ 1000	63.5	79.7	82.2	84.4	86.6	86.6	87.0	87.4	87.8	88.6	88.6	88.6	88.8	89.0	89.0	89.2
≥ 900	63.5	79.7	82.2	85.0	87.2	87.2	87.6	88.0	88.4	89.2	89.2	89.2	89.3	89.5	89.5	89.7
≥ 800	63.7	80.3	82.8	85.8	88.2	88.4	89.3	89.9	90.3	91.7	91.7	91.7	91.9	92.1	92.1	92.3
≥ 700	63.7	80.3	82.8	85.8	88.2	88.8	89.7	90.5	90.9	92.3	92.3	92.3	92.5	92.7	92.7	92.9
≥ 600	63.7	80.5	83.4	86.6	89.2	89.9	90.9	91.7	92.1	93.7	93.7	93.7	93.9	94.1	94.1	94.3
≥ 500	63.7	80.9	83.8	87.6	90.5	91.5	93.1	94.5	94.9	96.4	96.4	96.4	96.6	96.8	96.8	97.0
≥ 400	63.7	80.9	83.8	87.8	90.7	91.9	93.9	95.3	95.7	97.2	97.2	97.4	97.6	97.8	97.8	98.0
≥ 300	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	96.6	98.4	98.4	99.0	99.2	99.4	99.4	99.6
≥ 200	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	97.0	98.8	98.8	99.4	99.6	99.8	99.8	100.0
≥ 100	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	97.0	98.8	98.8	99.4	99.6	99.8	99.8	100.0
≥ 0	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	97.0	98.8	98.8	99.4	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

01-63, 74-76

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.2	44.5	44.7	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	46.7	53.1	53.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	47.3	53.7	53.9	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
≥ 16000	47.3	53.7	53.9	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
≥ 14000	48.1	54.5	54.7	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	49.5	55.9	56.1	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	53.7	60.6	61.0	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
≥ 9000	53.9	60.8	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	55.1	63.0	63.8	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	55.7	63.6	64.4	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
≥ 6000	56.5	64.8	65.8	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	57.7	66.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	58.6	67.4	68.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4000	61.4	70.6	71.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	62.8	72.4	73.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3000	67.8	79.3	80.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	68.4	80.9	82.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	69.8	82.9	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	69.8	82.9	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	70.0	83.9	85.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	70.2	84.5	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	88.9
≥ 1000	70.2	84.7	87.1	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	70.2	84.7	87.1	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	70.2	84.7	87.1	89.7	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	70.2	84.7	87.1	90.3	91.1	91.1	91.3	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	70.2	84.9	87.3	90.5	92.0	93.0	93.8	94.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	70.2	85.1	87.5	91.1	93.4	94.6	95.4	96.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	70.2	85.1	87.5	91.1	93.4	94.8	95.8	96.8	97.0	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 497

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT WVFVNS AAF MASS
STATION NAME

01-63,74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	42.7	49.1	49.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.2	51.4	51.6	51.6
≥ 20000	49.1	55.4	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.7	57.9	57.9
≥ 18000	49.5	56.0	56.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.3	58.5	58.5
≥ 16000	49.5	56.0	56.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.3	58.5	58.5
≥ 14000	50.9	57.5	58.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	60.0	60.2	60.2
≥ 12000	52.0	60.4	61.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.9	63.2	63.2
≥ 10000	55.4	64.6	65.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.4	67.6	67.6
≥ 9000	55.4	64.6	65.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.4	67.6	67.6
≥ 8000	58.3	69.5	70.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.8	73.1	73.1
≥ 7000	59.2	70.5	72.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.9	74.1	74.1
≥ 6000	59.8	71.2	72.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.5	74.7	74.7
≥ 5000	61.1	73.1	74.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.4	76.6	76.6
≥ 4500	62.1	74.1	75.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.5	77.7	77.7
≥ 4000	63.8	75.8	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	79.2	79.4	79.4
≥ 3500	64.4	77.5	78.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.8	81.1	81.1
≥ 3000	66.5	81.3	83.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.7	85.9	85.9
≥ 2500	67.8	82.5	85.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.6	87.8	87.8
≥ 2000	68.4	83.6	86.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.8	89.1	89.1
≥ 1800	66.4	83.6	86.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.8	89.1	89.1
≥ 1500	68.6	84.2	87.4	89.9	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.9	91.2	91.2
≥ 1200	68.6	84.2	87.6	90.1	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.8	91.8
≥ 1000	68.6	84.2	87.6	90.1	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.8	91.8
≥ 900	68.6	84.2	87.6	90.1	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.8	91.8
≥ 800	68.8	84.4	87.8	90.3	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.4	92.6	92.6
≥ 700	68.8	84.6	88.2	90.9	92.2	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.5	93.7	93.7
≥ 600	68.8	84.6	88.2	90.9	92.2	92.6	93.7	94.5	94.5	94.5	94.5	94.7	94.7	94.9	95.2	95.4	95.4
≥ 500	68.8	84.6	88.2	90.9	92.6	93.7	95.4	96.2	96.2	96.4	96.6	96.6	96.6	96.8	97.1	97.3	97.3
≥ 400	68.8	85.1	88.6	91.4	93.1	94.3	96.4	97.3	97.3	97.7	98.1	98.1	98.3	98.5	98.7	98.7	98.7
≥ 300	68.8	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0	100.0
≥ 200	68.8	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0	100.0
≥ 100	68.8	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0	100.0
≥ 0	68.3	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

475

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT LEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.8	51.1	53.0	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2
≥ 20000	47.9	55.5	57.7	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 18000	47.9	55.5	57.7	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 16000	47.9	55.5	57.7	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 14000	48.9	56.5	58.7	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.2
≥ 12000	49.5	58.4	61.2	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 10000	53.6	63.4	66.6	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1
≥ 9000	54.6	64.7	67.8	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3
≥ 8000	55.5	66.9	70.3	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.4
≥ 7000	57.1	68.5	71.9	74.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0
≥ 6000	58.0	69.7	73.2	75.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 5000	58.0	69.7	73.2	75.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 4500	58.4	70.3	73.8	76.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9
≥ 4000	60.3	73.2	76.7	79.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.8
≥ 3500	60.6	73.8	77.3	79.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4
≥ 3000	2.1	77.0	80.4	83.0	85.2	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
≥ 2500	62.8	78.2	82.0	84.9	87.4	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3
≥ 2000	63.1	79.2	83.0	85.8	88.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.2
≥ 1800	63.1	79.2	83.0	85.8	88.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.2
≥ 1500	63.1	79.2	83.6	86.8	89.3	90.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.5
≥ 1200	63.1	79.2	83.6	86.8	89.6	90.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8
≥ 1000	63.1	79.5	83.9	87.4	90.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 900	63.1	79.5	83.9	87.4	90.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 800	63.1	79.5	83.9	87.4	90.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 700	63.1	79.5	83.9	87.4	90.5	91.8	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.4
≥ 600	63.1	79.5	84.2	87.7	91.5	93.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5
≥ 500	63.1	79.8	84.5	88.3	92.4	94.6	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1
≥ 400	63.1	80.4	85.2	89.0	93.1	95.3	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 300	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

317

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-63,75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	47.7	53.6	56.8	57.7	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000	49.5	56.3	59.5	60.4	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	49.5	56.3	59.5	60.4	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	49.5	56.3	59.5	60.4	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	50.9	57.7	60.8	61.7	63.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	50.9	57.7	62.2	63.1	64.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	51.8	61.7	64.9	66.2	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	51.8	62.2	65.3	66.7	68.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	52.7	64.0	67.1	68.5	70.3	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	52.7	64.0	67.1	69.8	71.6	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	55.0	66.2	69.4	72.1	73.9	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	55.9	68.5	71.6	74.3	76.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	55.9	68.5	71.6	74.3	76.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	56.8	69.4	73.4	76.6	78.4	80.6	81.1	81.1	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	56.8	69.4	73.4	77.0	78.8	81.1	81.5	81.5	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	56.8	70.3	74.3	77.5	79.3	81.5	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	56.8	70.3	74.3	77.5	79.3	81.5	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	57.7	71.2	75.7	78.8	80.6	82.9	83.3	83.3	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	58.1	72.5	77.0	80.2	82.0	84.2	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	58.6	73.9	78.4	81.5	83.8	86.0	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	58.6	74.8	79.3	82.4	84.7	86.9	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	58.6	74.8	79.3	82.4	85.1	87.4	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	58.6	75.2	79.7	83.3	86.0	88.3	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	58.6	75.2	79.7	83.3	86.0	88.3	89.6	89.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	58.6	75.7	80.2	83.8	87.4	89.6	91.0	91.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	58.6	75.7	80.2	83.8	87.8	90.5	91.9	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	58.6	75.7	80.2	84.2	89.6	92.3	93.7	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	58.6	76.1	81.1	85.1	91.0	93.7	95.0	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 222

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-62 YEARS

UCI MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	49.2	58.2	59.0	59.8	61.5	62.3	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	51.6	63.1	63.9	64.8	66.4	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	56.6	68.9	69.7	70.5	72.1	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	56.6	68.9	69.7	72.1	73.8	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	57.4	70.5	71.3	73.8	75.4	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000	61.5	74.6	75.4	77.9	79.5	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	61.5	75.4	76.2	78.7	80.3	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	61.5	75.4	79.5	82.0	83.6	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	61.5	78.7	79.5	82.0	83.6	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	61.5	79.5	80.3	82.8	84.4	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	63.1	81.1	82.0	84.4	86.1	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	63.1	81.1	82.0	84.4	86.1	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	63.1	81.1	82.8	85.2	86.9	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	63.1	81.1	82.8	85.2	86.9	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	63.1	81.1	82.8	85.2	86.9	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	63.1	82.0	83.6	86.1	87.7	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	63.1	82.0	83.6	86.1	87.7	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	63.1	82.0	83.6	86.1	87.7	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	63.1	82.0	83.6	86.1	88.5	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	63.1	82.0	83.6	86.1	89.3	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	63.1	82.0	84.4	86.9	91.0	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	63.1	82.0	84.4	86.9	92.6	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

122

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

60-62,76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	35.3	49.4	52.4	52.4	52.9	54.1	54.1	54.7	54.7	55.9	56.5	56.5	57.1	57.6	58.2	58.9
≥ 20000	38.2	52.4	55.3	53.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 18000	38.2	52.4	55.3	55.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 16000	38.2	52.4	55.3	55.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 14000	38.2	52.4	55.3	55.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 12000	38.2	54.1	57.1	57.1	58.2	59.4	59.4	60.0	60.0	61.2	61.8	61.8	62.4	62.9	63.5	64.1
≥ 10000	44.1	61.2	64.1	64.1	65.3	66.5	66.5	67.1	67.1	68.2	68.8	68.8	69.4	70.0	70.6	71.2
≥ 9000	44.7	61.8	64.7	64.7	65.9	67.1	67.1	67.6	67.6	68.8	68.8	69.4	69.4	70.0	70.6	71.2
≥ 8000	45.3	62.4	65.3	65.3	66.5	67.6	67.6	68.2	68.2	69.4	70.0	70.0	70.6	71.2	71.8	72.4
≥ 7000	45.9	62.9	65.9	65.9	67.1	68.2	68.2	68.8	68.8	70.0	70.6	70.6	71.2	71.8	72.4	72.9
≥ 6000	45.9	62.9	65.9	65.9	67.1	68.2	68.2	68.8	68.8	70.0	70.6	70.6	71.2	71.8	72.4	72.9
≥ 5000	45.9	64.1	67.1	67.6	69.4	70.6	70.6	72.4	72.4	73.5	74.1	74.1	74.7	75.3	75.9	76.5
≥ 4500	45.9	64.1	67.1	67.6	69.4	70.6	70.6	72.4	72.4	73.5	74.1	74.1	74.7	75.3	75.9	76.5
≥ 4000	47.1	65.9	68.8	69.4	71.2	72.4	72.4	74.1	74.1	75.3	75.9	75.9	76.5	77.1	77.6	78.2
≥ 3500	48.8	67.6	70.6	71.2	72.9	74.1	74.1	75.9	75.9	77.1	77.6	77.6	78.2	78.8	79.4	80.0
≥ 3000	50.6	71.2	74.1	74.7	76.5	77.6	77.6	79.4	79.4	80.6	81.2	81.2	81.8	82.4	82.9	83.5
≥ 2500	51.8	72.4	75.9	76.5	78.2	79.4	79.4	81.2	81.2	82.4	82.9	82.9	83.5	84.1	84.7	85.3
≥ 2000	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1800	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1500	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1200	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1000	51.8	72.9	76.5	78.8	80.6	82.9	82.9	84.7	84.7	85.9	86.5	86.5	87.1	87.6	88.2	88.8
≥ 900	51.8	72.9	76.5	78.8	80.6	82.9	82.9	84.7	84.7	85.9	86.5	86.5	87.1	87.6	88.2	88.8
≥ 800	51.8	72.9	76.5	78.8	81.2	84.7	84.7	86.5	86.5	87.6	88.2	88.2	88.8	89.4	90.0	90.6
≥ 700	51.8	72.9	76.5	80.0	82.9	86.5	86.5	88.2	88.2	89.4	90.0	90.0	90.6	91.2	91.8	92.4
≥ 600	51.8	72.9	76.5	81.2	85.3	88.8	88.8	90.6	90.6	91.8	92.4	92.4	92.9	93.5	94.1	94.7
≥ 500	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	93.5	94.1	94.1	94.7	95.3	95.9	96.5
≥ 400	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	93.5	94.1	94.1	94.7	95.3	95.9	96.5
≥ 300	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	93.5	94.1	94.1	94.7	95.3	95.9	96.5
≥ 200	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	94.1	95.9	95.9	97.1	97.6	98.2	98.8
≥ 100	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	94.1	95.9	95.9	97.1	97.6	98.2	98.8
≥ 0	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	94.1	95.9	95.9	97.1	97.6	98.2	98.8

TOTAL NUMBER OF OBSERVATIONS 170

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.2	41.3	42.0	42.4	43.6	44.0	44.0	44.3	44.3	44.3	44.7	44.7	44.7	45.2	46.1	46.8
≥ 20000	42.9	47.7	48.6	49.3	50.7	52.1	52.3	53.0	53.0	53.0	53.4	53.4	53.7	54.1	55.0	56.0
≥ 18000	43.1	47.9	48.9	49.5	50.9	52.3	52.5	53.2	53.2	53.2	53.7	53.7	53.9	54.4	55.3	56.2
≥ 16000	43.1	47.9	48.9	49.5	50.9	52.3	52.5	53.2	53.2	53.2	53.7	53.7	53.9	54.4	55.3	56.2
≥ 14000	43.8	48.6	49.5	50.2	51.6	53.0	53.2	53.9	53.9	53.9	54.4	54.6	54.8	55.3	56.2	57.1
≥ 12000	44.3	49.3	50.2	50.9	52.3	53.9	54.4	55.0	55.0	55.0	55.5	55.7	56.0	56.4	57.3	58.5
≥ 10000	49.8	55.5	56.4	57.6	59.4	61.0	61.5	62.2	62.2	62.2	62.6	62.8	63.1	63.5	64.4	65.6
≥ 9000	50.7	56.4	57.3	58.5	60.3	61.9	62.4	63.1	63.1	63.1	63.5	63.8	64.0	64.4	65.4	66.5
≥ 8000	51.4	57.1	58.0	59.2	61.0	62.6	63.1	63.8	63.8	63.8	64.2	64.4	64.7	65.1	66.1	67.2
≥ 7000	52.3	58.0	58.9	60.3	62.4	64.2	64.7	65.4	65.4	65.4	65.8	66.1	66.3	66.7	67.7	68.8
≥ 6000	53.4	59.2	60.1	61.5	63.5	65.4	65.8	66.5	66.5	66.5	67.0	67.2	67.4	67.9	68.8	70.0
≥ 5000	54.1	60.3	61.5	62.8	64.9	66.7	67.2	67.9	67.9	67.9	68.3	68.6	68.8	69.3	70.2	71.3
≥ 4500	54.1	60.3	61.5	62.8	64.9	66.7	67.2	67.9	67.9	67.9	68.3	68.6	68.8	69.3	70.2	71.3
≥ 4000	55.0	62.4	63.8	65.1	67.2	69.0	69.5	70.2	70.2	70.2	70.6	70.9	71.1	71.6	72.5	73.6
≥ 3500	55.7	63.5	64.9	66.3	68.3	70.2	70.6	71.3	71.3	71.3	72.0	72.2	72.5	72.9	73.9	75.0
≥ 3000	56.9	66.1	67.4	68.8	70.9	72.7	73.2	73.9	73.9	73.9	74.5	74.8	75.0	75.5	76.4	77.5
≥ 2500	59.4	69.7	71.1	72.7	74.8	76.6	77.1	77.8	77.8	77.8	78.4	78.7	78.9	79.4	80.5	81.7
≥ 2000	59.9	70.4	71.8	73.4	75.7	77.8	78.2	79.1	79.1	79.1	79.8	80.0	80.3	80.7	81.9	83.0
≥ 1800	59.9	70.6	72.0	73.6	75.9	78.2	78.7	79.6	79.6	79.6	80.3	80.5	80.7	81.2	82.3	83.5
≥ 1500	59.9	71.1	72.5	74.1	76.4	78.7	79.1	80.0	80.0	80.0	80.7	81.0	81.2	81.7	82.8	83.9
≥ 1200	60.1	71.3	72.7	74.3	76.6	78.9	79.6	80.5	80.5	80.5	81.2	81.4	81.7	82.1	83.3	84.4
≥ 1000	60.1	72.2	73.6	75.5	78.2	80.5	81.9	83.0	83.0	83.0	83.7	83.9	84.2	84.6	85.8	86.9
≥ 900	60.1	72.2	73.9	75.7	78.4	80.7	82.1	83.3	83.3	83.3	84.2	84.4	84.6	85.1	86.2	87.4
≥ 800	60.1	72.2	74.1	76.1	79.4	81.7	83.0	84.2	84.2	84.4	85.1	85.3	85.6	86.0	87.2	88.3
≥ 700	60.1	72.2	74.1	76.1	79.8	82.1	83.5	84.6	84.9	85.1	86.0	86.2	86.5	86.9	88.1	89.2
≥ 600	60.1	73.2	75.0	77.1	81.0	83.3	84.6	85.8	86.0	86.2	87.2	87.4	87.6	88.1	89.2	90.4
≥ 500	60.1	73.4	75.7	78.0	82.8	85.8	87.4	88.8	89.0	89.2	90.6	90.8	91.1	91.7	92.9	94.0
≥ 400	60.1	73.6	75.9	78.2	83.5	86.5	88.5	90.4	90.6	91.3	92.9	93.1	93.8	94.5	95.6	96.8
≥ 300	60.1	73.6	75.9	78.2	83.5	86.5	88.5	90.6	90.8	91.5	93.3	93.6	95.6	96.3	97.5	98.6
≥ 200	60.1	73.9	76.1	78.4	83.9	87.2	89.2	91.3	91.5	92.2	94.0	94.3	96.3	97.0	98.2	99.3
≥ 100	60.1	73.9	76.1	78.4	83.9	87.2	89.2	91.3	91.5	92.2	94.0	94.3	96.3	97.0	98.6	100.0
≥ 0	60.1	73.9	76.1	78.4	83.9	87.2	89.2	91.3	91.5	92.2	94.0	94.3	96.3	97.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 436

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

60-62,74-76

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	43.0	47.1	47.3	47.5	48.0	48.0	46.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.4	48.4
≥ 20000	47.1	52.5	53.1	53.4	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 18000	47.1	52.5	53.1	53.4	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 16000	47.1	52.5	53.1	53.4	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 14000	47.8	53.1	53.8	54.0	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2	55.2
≥ 12000	50.0	56.1	57.0	57.2	57.6	57.6	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5	58.5
≥ 10000	54.7	61.4	62.3	63.0	63.9	63.9	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
≥ 9000	55.6	62.3	63.2	63.9	64.8	64.8	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7
≥ 8000	57.8	64.8	65.7	66.4	67.3	67.3	67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.2	68.2
≥ 7000	58.7	66.4	67.3	67.9	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7
≥ 6000	59.0	66.6	67.5	68.2	69.1	69.1	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0
≥ 5000	59.9	67.5	68.4	69.1	70.0	70.0	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9	70.9
≥ 4500	60.1	68.2	69.1	69.7	70.6	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 4000	61.7	70.2	71.3	72.0	72.9	72.9	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8
≥ 3500	62.3	71.3	72.4	73.1	74.2	74.2	74.4	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.6	75.6
≥ 3000	64.3	74.0	75.1	76.0	77.1	77.1	77.4	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.5	78.5
≥ 2500	67.0	77.8	78.9	80.0	81.2	81.2	81.4	82.1	82.5	82.7	82.7	82.7	82.7	82.7	83.0	83.0
≥ 2000	67.3	78.5	79.6	80.7	81.8	81.8	82.1	82.7	83.2	83.4	83.4	83.4	83.4	83.4	83.6	83.6
≥ 1800	67.3	78.7	79.8	80.9	82.1	82.1	82.3	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.9	83.9
≥ 1500	67.3	79.1	80.3	81.4	82.5	82.5	82.7	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.3	84.3
≥ 1200	68.8	81.6	82.7	83.9	85.2	85.2	85.4	86.1	86.5	86.8	86.8	86.8	86.8	86.8	87.0	87.0
≥ 1000	68.8	81.8	83.2	84.5	86.1	86.1	86.3	87.0	87.4	87.7	87.7	87.7	87.7	87.7	87.9	87.9
≥ 900	69.1	82.3	83.6	85.0	86.5	86.5	86.8	87.4	87.9	88.1	88.1	88.3	88.3	88.3	88.6	88.6
≥ 800	69.1	82.3	83.6	85.0	87.7	87.7	87.9	88.6	89.0	89.2	89.2	89.5	89.5	89.5	89.7	89.7
≥ 700	69.1	82.5	83.9	85.2	87.9	88.1	88.3	89.0	89.5	89.7	89.7	89.9	89.9	89.9	90.1	90.1
≥ 600	69.1	83.4	84.8	86.1	89.0	89.2	90.1	91.3	91.7	92.4	92.4	92.6	92.6	92.6	92.8	92.8
≥ 500	69.1	83.6	85.4	87.0	90.1	91.0	92.2	93.9	94.4	95.1	95.5	96.0	96.0	96.0	96.2	96.2
≥ 400	69.3	84.3	86.1	87.7	91.5	92.4	93.5	95.3	95.7	96.4	96.9	97.3	97.3	97.3	97.5	97.5
≥ 300	69.3	84.3	86.5	87.9	91.7	92.8	94.2	96.0	96.4	97.1	97.5	98.2	98.4	98.4	98.7	98.7
≥ 200	69.3	84.5	86.5	88.1	92.2	93.5	94.8	96.6	97.1	97.8	98.2	98.9	99.6	99.6	100.0	100.0
≥ 100	69.3	84.5	86.5	88.1	92.2	93.5	94.8	96.6	97.1	97.8	98.2	98.9	99.6	99.6	100.0	100.0
≥ 0	69.3	84.5	86.5	88.1	92.2	93.5	94.8	96.6	97.1	97.8	98.2	98.9	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 200'0	51.0	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	57.0	57.0
IV 18000	51.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 16000	51.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 14000	52.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 12000	54.0	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	60.0
IV 10000	56.5	62.7	62.9	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
IV 9000	56.5	62.7	62.9	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
IV 8000	58.6	65.2	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 7000	61.6	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 6000	62.5	70.5	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 5000	63.4	71.9	72.1	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
IV 4500	62.8	72.3	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 4000	65.4	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 3500	67.0	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3000	69.3	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 2500	71.9	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2000	72.8	83.1	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1800	73.0	83.5	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 1500	73.5	84.9	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200	73.7	85.8	86.3	87.2	87.2	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1000	73.7	85.8	86.7	87.6	87.9	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 900	73.7	87.0	87.9	89.0	89.2	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 800	73.7	87.6	88.8	89.9	90.4	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 700	73.7	87.9	89.0	90.2	90.8	91.5	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 600	73.7	90.4	91.5	92.9	94.1	94.7	95.0	95.2	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 500	73.7	90.8	92.2	93.6	95.7	96.6	97.0	97.7	97.7	98.6	98.6	98.6	99.1	99.1	99.1	99.1
IV 400	73.7	90.8	92.2	93.6	95.7	96.6	97.0	97.7	97.7	98.6	98.9	98.9	99.3	99.3	99.3	99.3
IV 300	73.7	90.8	92.2	93.6	95.9	96.8	97.7	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0
IV 200	73.7	90.8	92.2	93.6	95.9	96.8	97.7	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0
IV 100	73.7	90.8	92.2	93.6	95.9	96.8	97.7	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0
IV 0	73.7	90.8	92.2	93.6	95.9	96.8	97.7	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 437

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62, 74-76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	47.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	53.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.5
≥ 18000	53.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.5
≥ 16000	53.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.5
≥ 14000	54.8	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	61.0	61.2
≥ 12000	55.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.9
≥ 10000	57.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.3	64.5
≥ 9000	58.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.5
≥ 8000	59.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.4
≥ 7000	63.6	71.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.9
≥ 6000	65.0	73.8	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.8
≥ 5000	67.4	76.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	77.1
≥ 4500	67.9	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.6
≥ 4000	69.3	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	79.0
≥ 3500	70.7	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.5
≥ 3000	71.9	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	82.1
≥ 2500	73.3	82.9	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	84.0
≥ 2000	74.5	85.0	85.2	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.4
≥ 1800	74.8	85.5	85.7	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.9
≥ 1500	75.5	87.6	87.9	89.0	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.5
≥ 1200	75.5	87.9	88.1	89.3	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.7
≥ 1000	75.7	88.8	89.3	90.7	91.4	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.4
≥ 900	75.7	88.8	89.3	90.7	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.4	92.6
≥ 800	75.7	88.8	89.3	90.7	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.4	92.6
≥ 700	75.7	89.0	90.0	91.7	92.2	92.3	93.6	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.5	94.8
≥ 600	75.7	89.3	90.2	92.4	94.0	95.0	95.2	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.4	96.7
≥ 500	75.7	89.5	90.5	92.9	95.0	96.4	96.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.6	98.8
≥ 400	75.7	89.5	90.5	92.9	95.0	96.4	96.9	98.1	98.1	98.6	98.8	98.8	98.8	98.8	99.3	99.5
≥ 300	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.8	100.0
≥ 200	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.8	100.0
≥ 100	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.8	100.0
≥ 0	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

420

DATA PROCESSING BRANCH
 USAF ETAC
 A.R. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LTST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	44.0	49.3	51.1	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
≥ 20000	49.3	55.6	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
≥ 18000	49.3	55.6	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
≥ 16000	49.3	55.6	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
≥ 14000	49.6	56.0	57.8	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
≥ 12000	50.7	57.1	59.0	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
≥ 10000	54.1	60.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	54.5	62.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	56.3	64.2	67.2	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	60.1	68.3	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	60.4	70.1	73.1	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	61.2	72.8	75.7	76.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	61.9	73.5	76.5	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	64.2	75.7	78.7	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	67.2	78.7	81.7	82.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	68.3	80.2	83.2	83.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	69.4	81.7	84.7	85.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	69.8	82.1	85.4	85.8	87.3	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	69.8	82.1	85.4	86.2	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	69.8	83.2	86.9	88.1	89.6	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	69.8	83.2	87.3	88.4	89.9	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	69.8	83.2	87.3	88.4	90.3	90.7	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	69.8	83.2	87.3	88.4	90.3	90.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	69.8	83.2	87.7	88.8	91.0	91.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	69.8	83.2	88.4	89.6	92.2	92.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	69.8	83.2	88.8	89.9	92.9	93.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	69.8	83.2	88.8	90.3	94.0	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	69.8	83.2	88.8	90.3	94.4	96.3	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0
≥ 0	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

268

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

20-62

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.1	48.8	50.6	51.8	53.0	53.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	45.2	56.0	57.7	58.9	60.1	60.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	50.0	62.5	64.9	66.1	67.3	67.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	50.0	62.5	66.1	67.3	68.5	68.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	51.2	63.7	67.3	68.5	69.6	69.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	54.2	66.7	70.2	71.4	72.6	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	55.4	69.6	73.2	74.4	75.6	75.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	57.1	72.0	75.6	76.8	78.0	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	57.1	72.0	75.6	76.8	78.0	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	57.7	73.8	77.4	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	61.3	77.4	81.0	82.1	83.3	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	61.3	78.6	82.1	83.3	84.5	84.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	61.3	78.6	82.1	83.3	84.5	84.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	61.9	79.8	83.3	84.5	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	61.9	79.8	83.3	84.5	85.7	85.7	86.9	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	61.9	79.8	83.3	85.1	86.9	87.5	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	61.9	79.8	83.3	85.1	86.9	87.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	61.9	79.8	83.3	85.1	86.9	87.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	61.9	79.8	83.3	85.1	86.9	87.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	61.9	79.8	83.3	85.7	87.5	89.9	92.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	61.9	79.8	83.3	86.9	88.7	91.1	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	61.9	79.8	83.3	86.9	88.7	91.1	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	61.9	79.8	83.3	86.9	88.7	92.9	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	61.9	79.8	83.3	86.9	88.7	92.9	96.4	96.4	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	61.9	79.8	83.3	86.9	88.7	92.9	97.0	97.0	97.6	98.2	98.2	98.2	98.2	98.2	98.8	98.8
≥ 200	61.9	79.8	83.3	86.9	88.7	92.9	98.2	98.2	98.8	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	61.9	79.8	83.3	86.9	88.7	92.9	98.2	98.2	98.8	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 0	61.9	79.8	83.3	86.9	88.7	92.9	98.2	98.2	98.8	99.4	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

168

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVERS AAF MASS
STATION NAME

61-62
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.1	48.9	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
≥ 20000	41.1	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV ≥ 18000	41.1	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 16000	41.1	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV ≥ 14000	41.7	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	52.8	52.8	52.8
IV 12000	43.3	52.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	55.6	55.6	55.6
IV ≥ 10000	46.1	56.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	58.9	58.9	58.9
IV 9000	46.1	56.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	58.9	58.9	58.9
IV ≥ 8000	46.7	57.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	60.6	60.6	60.6
IV 7000	48.3	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.9	63.9	63.9
IV ≥ 6000	48.9	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	65.0	65.0	65.0
IV 5000	48.9	62.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	65.6	65.6	65.6
IV ≥ 4500	51.1	64.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	67.8	67.8	67.8
IV 4000	52.8	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	70.0	70.0	70.0
IV ≥ 3500	55.0	68.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	72.2	72.2	72.2
IV 3000	57.8	73.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	77.2	77.2	77.2
IV ≥ 2500	58.3	76.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	80.0	80.0	80.0
IV 2000	59.4	78.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	82.8	82.8	82.8
IV ≥ 1800	59.4	78.9	81.7	81.7	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	83.9	83.9	83.9
IV 1500	59.4	79.4	82.8	83.3	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	86.7	86.7	86.7
IV ≥ 1200	59.4	80.0	83.3	83.9	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	87.2	87.2	87.2
IV 1000	59.4	81.1	85.6	86.1	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	90.0	90.0	90.0
IV ≥ 900	59.4	81.7	86.1	86.7	87.8	88.9	88.9	88.9	88.9	89.4	89.4	89.4	89.4	91.1	91.1	91.1
IV 800	59.4	81.7	86.1	86.7	88.3	89.4	89.4	89.4	90.0	90.0	90.0	90.0	90.0	91.7	91.7	91.7
IV ≥ 700	59.4	81.7	86.1	87.2	88.9	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	92.8	92.8	92.8
IV 600	59.4	81.7	86.1	87.2	88.9	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	92.8	92.8	92.8
IV ≥ 500	59.4	81.7	86.1	87.2	88.9	90.6	90.6	91.1	91.7	92.2	92.2	92.2	92.2	93.9	93.9	93.9
IV 400	59.4	81.7	86.1	89.4	91.1	92.8	92.8	93.3	93.9	94.4	94.4	94.4	94.4	96.1	96.1	96.1
IV ≥ 300	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.0	95.6	96.1	96.7	96.7	96.7	98.3	98.3	98.3
IV 200	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.0	95.6	96.1	96.7	96.7	96.7	98.3	98.3	98.3
IV ≥ 100	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.6	96.1	96.7	96.7	96.7	96.7	98.3	98.3	98.3
IV 0	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.6	96.1	96.7	96.7	96.7	96.7	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.5	50.0	50.5	50.5	51.1	51.1	51.1	51.6	51.6	51.6	51.6	51.6	52.2	52.2	52.2	52.2
≥ 20000	40.1	51.6	52.2	52.2	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.8	53.8	53.8	53.8
≥ 18000	40.1	51.6	52.2	52.2	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.8	53.8	53.8	53.8
≥ 16000	40.1	51.6	52.2	52.2	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.8	53.8	53.8	53.8
≥ 14000	40.1	53.3	53.8	53.8	54.4	54.4	54.4	54.9	54.9	54.9	54.9	54.9	55.5	55.5	55.5	55.5
≥ 12000	40.1	53.3	53.8	53.8	54.4	54.4	54.4	54.9	54.9	54.9	54.9	54.9	55.5	55.5	55.5	55.5
≥ 10000	42.9	56.6	57.1	57.1	57.7	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.8	58.8	58.8	58.8
≥ 9000	43.4	57.1	57.7	57.7	58.2	58.2	58.2	58.8	58.8	58.8	58.8	58.8	59.3	59.3	59.3	59.3
≥ 8000	44.5	58.2	58.8	58.8	59.3	59.3	59.3	59.9	59.9	59.9	59.9	59.9	60.4	60.4	60.4	60.4
≥ 7000	46.2	59.9	60.4	60.4	61.0	61.0	61.0	61.5	61.5	61.5	61.5	61.5	62.1	62.1	62.1	62.1
≥ 6000	46.2	59.9	60.4	60.4	61.0	61.0	61.0	61.5	61.5	61.5	61.5	61.5	62.1	62.1	62.1	62.1
≥ 5000	46.7	60.4	61.0	61.0	61.5	61.5	61.5	62.1	62.1	62.1	62.1	62.1	62.6	62.6	62.6	62.6
≥ 4500	46.7	60.4	61.0	61.0	61.5	61.5	61.5	62.1	62.1	62.1	62.1	62.1	62.6	62.6	62.6	62.6
≥ 4000	47.8	61.5	62.1	62.1	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.7	63.7	63.7	63.7
≥ 3500	53.3	67.0	67.6	67.6	68.1	68.1	68.1	68.7	68.7	68.7	68.7	68.7	69.2	69.2	69.2	69.2
≥ 3000	54.4	68.1	68.7	68.7	69.2	69.2	69.2	69.8	69.8	69.8	69.8	69.8	70.3	70.3	70.3	70.3
≥ 2500	54.4	72.0	73.6	73.6	74.2	74.2	74.2	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3
≥ 2000	55.5	74.2	76.9	76.9	77.5	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.6	78.6	78.6	78.6
≥ 1800	55.5	74.2	78.0	78.0	78.6	78.6	78.6	79.1	79.1	79.1	79.1	79.1	79.7	79.7	79.7	79.7
≥ 1500	55.5	74.7	79.1	79.1	80.2	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 1200	56.0	76.4	81.3	81.3	82.4	83.0	83.0	83.5	83.5	83.5	83.5	83.5	84.1	84.1	84.1	84.1
≥ 1000	56.6	76.9	81.9	81.9	84.1	84.6	85.2	85.7	85.7	85.7	85.7	85.7	86.3	86.3	86.3	86.3
≥ 900	56.6	76.9	81.9	82.4	84.6	85.2	85.7	86.3	86.3	86.3	86.3	86.3	86.8	86.8	86.8	86.8
≥ 800	56.6	76.9	81.9	83.0	85.7	86.3	86.8	87.4	87.4	87.4	87.4	87.4	87.9	87.9	87.9	87.9
≥ 700	56.6	76.9	82.4	84.6	87.4	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.7	90.7	90.7	90.7
≥ 600	56.6	76.9	82.4	84.6	87.4	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.7	90.7	90.7	90.7
≥ 500	56.6	76.9	82.4	84.6	87.4	89.0	89.6	90.1	90.1	90.7	90.7	90.7	91.2	91.2	91.2	91.2
≥ 400	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	95.6	95.6	96.2	96.2	96.2	96.2
≥ 300	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	95.6	95.6	96.2	96.2	96.2	96.2
≥ 200	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	95.6	95.6	96.2	96.2	96.2	96.2
≥ 100	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	96.2	96.2	97.3	97.3	98.4	98.4
≥ 0	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	96.2	96.2	97.3	97.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 182

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04775
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	43.9	46.8	48.2	48.9	49.1	49.1	49.1	49.5	49.8	49.8	49.8	49.8	49.8	49.8	50.0	51.4
≥ 20000	47.7	53.4	55.0	55.7	55.9	55.9	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.8	58.1
IV 18000	48.0	53.6	55.2	55.9	56.1	56.1	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.0	58.4
IV 16000	48.0	53.6	55.2	55.9	56.1	56.1	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.0	58.4
IV 14000	48.0	53.8	55.4	56.1	56.3	56.3	56.3	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.2	58.6
IV 12000	48.6	54.8	56.3	57.0	57.2	57.2	57.2	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.1	59.5
IV 10000	50.0	57.0	58.6	59.3	59.5	59.5	59.5	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.4	61.8
IV 9000	50.9	58.6	60.4	61.1	61.3	61.3	61.3	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.2	63.6
IV 8000	52.3	60.0	62.0	62.9	63.1	63.1	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	64.0	65.4
IV 7000	54.3	62.4	64.7	65.8	66.1	66.1	66.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	67.0	68.3
IV 6000	55.2	64.0	66.3	67.4	67.6	67.6	67.6	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.8	70.1
IV 5000	56.8	66.3	68.6	69.7	69.9	69.9	69.9	70.6	70.8	70.8	70.8	70.8	70.8	70.8	71.0	72.4
IV 4500	57.5	67.4	69.7	70.8	71.0	71.3	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.2	73.5
IV 4000	59.7	69.7	71.9	73.1	73.3	73.8	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.7	76.0
IV 3500	60.2	70.6	72.9	74.2	74.4	74.9	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.8	77.1
IV 3000	62.9	73.8	76.2	77.6	77.8	78.3	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.4	80.8
IV 2500	63.8	75.6	78.7	80.3	81.2	81.7	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.8	84.2
IV 2000	64.7	76.9	80.5	82.4	83.3	84.2	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.3	86.7
IV 1800	64.7	76.9	80.5	82.6	83.5	84.4	84.6	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.5	86.9
IV 1500	65.4	77.8	81.7	83.7	84.6	85.5	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.9	88.2
IV 1200	65.8	79.0	82.8	85.3	86.2	87.1	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.5	89.8
IV 1000	66.1	79.6	83.5	86.0	86.9	87.8	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.1	90.5
IV 900	66.1	79.6	83.5	86.0	87.3	88.2	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.5	91.0
IV 800	66.1	80.1	83.9	86.7	88.2	89.1	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.5	91.9
IV 700	66.1	80.1	83.9	86.7	88.7	89.8	90.3	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.4	92.8
IV 600	66.1	80.5	84.8	87.6	89.8	91.0	91.4	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.8	94.1
IV 500	66.1	80.5	84.8	87.6	89.8	91.0	91.6	92.5	92.8	93.2	93.2	93.2	93.2	93.2	93.7	95.0
IV 400	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.2	93.4	93.9	94.1	94.1	94.1	94.1	94.8	96.2
IV 300	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.1	94.6	94.6	94.6	94.6	95.5	98.0
IV 200	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.3	94.8	94.8	94.8	94.8	95.7	98.2
IV 100	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.6	95.5	95.5	95.5	95.5	96.4	99.1
IV 0	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.6	95.5	95.5	95.5	96.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

442

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	42.1	46.0	47.2	47.2	47.2	47.4	47.4	47.6	47.6	47.6	47.6	47.6	48.1	48.1	48.7	49.7
≥ 20000	47.2	52.8	54.0	54.0	54.0	54.2	54.2	54.4	54.4	54.4	54.6	54.6	55.2	55.2	55.8	56.7
≥ 18000	47.2	52.8	54.0	54.0	54.0	54.2	54.2	54.4	54.4	54.4	54.6	54.6	55.2	55.2	55.8	56.7
≥ 16000	47.2	52.8	54.0	54.0	54.0	54.2	54.2	54.4	54.4	54.4	54.6	54.6	55.2	55.2	55.8	56.7
≥ 14000	47.4	53.0	54.2	54.2	54.2	54.4	54.4	54.6	54.6	54.6	54.8	54.8	55.4	55.4	55.9	56.9
≥ 12000	47.6	53.2	54.4	54.4	54.4	54.6	54.6	54.8	54.8	54.8	55.0	55.0	55.6	55.6	56.1	57.1
≥ 10000	49.7	55.9	57.1	57.1	57.1	57.3	57.3	57.5	57.5	57.5	57.7	57.7	58.3	58.3	58.9	59.8
≥ 9000	49.9	56.1	57.3	57.3	57.3	57.5	57.5	57.7	57.7	57.7	57.9	57.9	58.5	58.5	59.1	60.0
≥ 8000	50.9	58.5	59.6	59.6	59.6	59.8	59.8	60.0	60.0	60.0	60.2	60.2	60.8	60.8	61.4	62.4
≥ 7000	53.2	61.4	63.2	63.2	63.2	63.4	63.4	63.5	63.5	63.5	63.7	63.7	64.3	64.3	64.9	65.9
≥ 6000	53.2	61.6	63.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.3	64.3	65.1	65.1	65.7	66.7
≥ 5000	55.8	64.9	66.7	66.7	67.3	67.4	67.4	67.6	67.6	67.6	67.8	67.8	68.6	68.6	69.2	70.2
≥ 4500	55.8	64.9	66.7	66.7	67.3	67.4	67.4	67.6	67.6	67.6	67.8	67.8	68.6	68.6	69.2	70.2
≥ 4000	59.1	68.6	70.6	70.6	71.2	71.3	71.3	71.5	71.5	71.5	71.7	71.7	72.5	72.5	73.1	74.1
≥ 3500	60.4	70.4	72.3	72.7	73.3	73.5	73.5	73.7	73.7	73.7	73.9	73.9	74.7	74.7	75.2	76.2
≥ 3000	63.5	74.9	77.0	77.4	78.4	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.7	79.7	80.3	81.3
≥ 2500	65.7	77.2	79.5	79.9	80.9	81.1	81.1	81.3	81.3	81.3	81.5	81.5	82.3	82.3	82.8	83.8
≥ 2000	67.1	80.1	82.7	83.2	84.2	84.6	84.6	84.8	84.8	84.8	85.0	85.0	85.8	85.8	86.4	87.3
≥ 1800	67.1	80.1	82.7	83.2	84.2	84.6	84.6	84.8	84.8	84.8	85.0	85.0	85.8	85.8	86.4	87.3
≥ 1500	67.3	81.3	84.2	85.2	86.2	86.5	86.5	86.7	86.7	86.7	86.9	86.9	87.7	87.7	88.3	89.3
≥ 1200	68.0	82.7	85.8	86.9	87.9	88.3	88.3	88.5	88.5	88.5	88.7	88.7	89.5	89.5	90.1	91.0
≥ 1000	68.2	83.6	86.7	87.9	89.1	89.7	89.7	89.9	89.9	89.9	90.1	90.1	90.8	90.8	91.4	92.4
≥ 900	68.2	83.8	86.9	88.1	89.3	90.1	90.1	90.4	90.4	90.4	90.6	90.6	91.4	91.4	92.0	93.0
≥ 800	68.2	84.0	87.1	88.3	89.5	90.4	90.4	90.8	90.8	90.8	91.0	91.0	91.8	91.8	92.4	93.4
≥ 700	68.2	84.0	87.3	88.5	89.7	90.6	90.6	91.0	91.0	91.0	91.2	91.2	92.0	92.0	92.6	93.6
≥ 600	68.2	84.6	88.1	89.3	90.6	91.8	91.8	92.2	92.4	92.4	92.6	92.6	93.6	93.6	94.2	95.1
≥ 500	68.4	84.8	88.3	89.7	91.2	92.4	92.6	93.0	93.6	94.0	94.2	94.2	95.1	95.1	96.1	97.1
≥ 400	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.4	94.0	94.3	94.5	94.5	95.5	95.5	96.5	97.5
≥ 300	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	94.9	95.3	95.3	97.1	97.1	98.2	99.2
≥ 200	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	95.3	95.9	95.9	97.7	97.7	98.8	99.8
≥ 100	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	95.3	95.9	95.9	97.9	97.9	99.0	100.0
≥ 0	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	95.3	95.9	95.9	97.9	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

513

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

20-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	38.8 46.4	42.9 50.9	43.1 51.1	43.1 51.1	43.1 51.1	43.1 51.1	43.1 51.1	43.1 51.1	43.3 51.3	43.5 51.5	43.5 51.5	43.5 51.5	43.7 51.7	43.7 51.7	44.2 52.2	44.8 52.8
IV 18000 IV 16000	46.4 46.4	50.9 50.9	51.1 51.1	51.1 51.1	51.1 51.1	51.1 51.1	51.1 51.1	51.1 51.1	51.3 51.3	51.5 51.5	51.5 51.5	51.5 51.5	51.7 51.7	51.7 51.7	52.2 52.2	52.8 52.8
IV 14000 IV 12000	47.0 48.1	51.5 53.4	51.7 53.6	51.7 53.6	51.7 53.6	51.7 53.6	51.7 53.6	51.7 53.6	51.9 53.8	52.0 54.0	52.0 54.0	52.0 54.0	52.2 54.2	52.2 54.2	52.8 54.8	53.4 55.4
IV 10000 IV 9000	50.3 50.3	56.3 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	56.7 56.7	56.9 56.9	56.9 56.9	56.9 56.9	57.1 57.1	57.1 57.1	57.7 57.7	58.3 58.3
IV 8000 IV 7000	52.2 55.2	58.5 61.8	58.7 62.0	58.7 62.0	58.7 62.0	58.7 62.0	58.7 62.0	58.7 62.0	58.9 62.2	59.1 62.4	59.1 62.4	59.1 62.4	59.3 62.6	59.3 62.6	59.8 63.2	60.4 63.7
IV 6000 IV 5000	55.6 56.9	62.8 64.3	63.0 64.5	63.0 64.7	63.0 64.7	63.0 64.7	63.0 64.7	63.0 64.7	63.2 64.9	63.4 65.1	63.4 65.1	63.4 65.1	63.5 65.3	63.5 65.3	64.1 65.9	64.7 66.5
IV 4500 IV 4000	57.7 60.6	65.1 68.0	65.3 68.2	65.5 68.4	65.5 68.4	65.5 68.4	65.5 68.4	65.5 68.4	65.7 68.6	65.9 68.8	65.9 68.8	65.9 68.8	66.1 69.0	66.1 69.0	66.7 69.6	67.3 70.2
IV 3500 IV 3000	63.5 68.4	71.3 77.0	71.5 77.2	71.7 77.4	71.7 77.8	71.7 77.8	71.7 77.8	71.7 78.0	71.9 78.2	72.1 78.4	72.1 78.4	72.1 78.4	72.3 78.6	72.3 78.6	72.9 79.1	73.5 79.7
IV 2500 IV 2000	71.3 72.9	80.1 83.0	80.3 83.2	80.5 83.4	80.9 84.0	80.9 84.0	80.9 84.0	80.9 84.2	81.3 84.4	81.5 84.6	81.5 84.6	81.5 84.6	81.7 84.8	81.7 84.8	82.3 85.4	82.9 86.0
IV 1800 IV 1500	72.9 72.9	83.0 84.2	83.4 84.8	83.6 85.6	84.2 86.2	84.2 86.2	84.2 86.2	84.4 86.4	84.6 86.9	84.8 87.3	84.8 87.5	84.8 87.5	85.0 87.7	85.0 87.7	85.6 88.3	86.2 88.9
IV 1200 IV 1000	73.7 73.7	85.8 86.5	86.5 87.3	87.5 88.3	88.3 89.3	88.3 89.3	88.3 89.3	88.5 89.3	89.1 90.1	89.5 90.4	89.7 91.2	89.7 91.2	89.9 91.4	89.9 91.4	90.4 92.0	91.0 92.6
IV 900 IV 800	73.7 73.7	86.5 87.1	87.5 88.3	88.7 89.5	89.7 90.6	89.7 90.6	89.7 90.6	89.9 90.8	90.4 91.4	90.8 91.8	91.6 92.6	91.6 92.6	91.8 92.8	91.8 92.8	92.4 93.4	93.0 94.0
IV 700 IV 600	73.7 73.9	87.1 87.5	88.7 89.3	90.1 90.8	91.2 92.0	91.2 92.4	91.2 92.4	91.4 92.6	92.0 93.2	92.4 93.6	93.2 94.3	93.2 94.3	93.4 94.5	93.4 94.5	94.0 95.1	94.5 95.7
IV 500 IV 400	73.9 73.9	87.9 87.9	89.7 89.7	91.8 91.8	93.0 93.0	93.4 93.4	93.4 93.4	94.0 94.0	94.5 94.5	95.1 95.5	95.9 96.7	95.9 96.7	96.5 97.3	96.5 97.3	97.1 97.9	97.7 98.4
IV 300 IV 200	73.9 73.9	87.9 87.9	89.7 89.7	91.8 91.8	93.0 93.0	93.4 93.4	93.4 93.4	94.2 94.2	94.7 94.7	95.7 95.9	96.9 97.1	96.9 97.1	97.7 98.1	97.7 98.1	98.4 98.8	99.0 99.4
IV 100 IV 0	73.9 73.9	87.9 87.9	89.7 89.7	91.8 91.8	93.0 93.0	93.4 93.4	93.4 93.4	94.2 94.2	94.7 94.7	95.9 95.9	97.1 97.1	97.1 97.1	98.1 98.1	98.1 98.2	99.4 99.4	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT WEVENS AAF MASS
STATION NAME

60-62-74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.3	44.5	44.7	44.7	44.7	44.7	44.7	44.9	44.9	45.1	45.3	45.3	45.3	45.3	45.5	45.5
≥ 20000	47.5	51.0	51.2	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.2
≥ 18000	47.8	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.8	51.8	52.0	52.2	52.2	52.2	52.2	52.4
≥ 16000	47.8	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.8	51.8	52.0	52.2	52.2	52.2	52.2	52.4
≥ 14000	48.6	52.0	52.2	52.4	52.4	52.4	52.4	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.2	53.2
≥ 12000	50.6	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.9	54.9	55.1	55.3	55.3	55.3	55.5	55.5
≥ 10000	52.0	56.5	56.7	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.3	57.5	57.5	57.5	57.7	57.7
≥ 9000	52.2	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.5	57.7	57.7	57.7	57.9	57.9
≥ 8000	55.5	60.3	60.5	60.7	60.7	60.7	60.7	60.9	60.9	61.1	61.3	61.3	61.3	61.3	61.5	61.5
≥ 7000	58.9	65.0	65.2	65.4	65.4	65.4	65.4	65.6	65.6	65.8	66.0	66.0	66.0	66.0	66.2	66.2
≥ 6000	60.3	66.4	66.6	66.8	66.8	66.8	66.8	67.0	67.0	67.2	67.4	67.4	67.4	67.4	67.6	67.6
≥ 5000	61.1	67.4	67.6	67.8	67.8	67.8	67.8	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.6	68.6
≥ 4500	61.5	67.8	68.0	68.2	68.2	68.2	68.2	68.4	68.4	68.6	68.8	68.8	68.8	68.8	69.0	69.0
≥ 4000	65.6	72.1	72.3	72.5	72.5	72.5	72.5	72.7	72.7	72.9	73.1	73.1	73.1	73.1	73.3	73.3
≥ 3500	68.2	75.1	75.3	75.5	75.5	75.5	75.5	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.3	76.3
≥ 3000	72.5	81.0	81.2	81.4	81.6	81.6	81.6	81.8	81.8	82.0	82.2	82.2	82.2	82.2	82.4	82.4
≥ 2500	75.3	85.0	85.4	85.6	85.8	86.0	86.2	86.4	86.4	86.6	86.8	86.8	86.8	86.8	87.0	87.0
≥ 2000	76.5	86.4	87.0	87.2	87.4	87.4	87.4	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.2	88.2
≥ 1800	76.5	86.4	87.0	87.2	87.4	87.4	87.4	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.2	88.2
≥ 1500	76.7	87.4	88.1	88.3	88.5	88.7	89.1	89.3	89.3	89.5	89.7	89.7	89.7	89.9	90.1	90.1
≥ 1200	77.5	88.7	89.5	89.7	89.9	90.1	90.5	90.7	90.7	90.9	91.1	91.1	91.1	91.3	91.5	91.5
≥ 1000	77.5	88.9	89.7	90.3	90.5	90.7	91.1	91.3	91.3	91.5	91.7	91.7	91.7	91.9	92.1	92.1
≥ 900	77.5	88.9	89.7	90.9	91.1	91.3	91.7	91.9	91.9	92.1	92.3	92.3	92.3	92.5	92.7	92.7
≥ 800	77.5	88.9	89.7	90.9	91.3	91.5	92.1	92.3	92.3	92.5	93.1	93.1	93.7	93.9	94.1	94.1
≥ 700	77.5	88.9	89.9	91.5	92.1	92.3	93.1	93.3	93.3	93.5	94.1	94.1	94.7	94.9	95.1	95.1
≥ 600	77.5	88.9	89.9	91.5	92.3	92.7	93.5	93.7	93.7	93.9	94.5	94.5	95.1	95.3	95.5	95.5
≥ 500	77.5	88.9	89.9	91.5	92.5	92.9	93.7	94.3	94.3	94.7	95.3	95.3	96.4	96.6	96.8	96.8
≥ 400	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	96.8	97.4	97.4	98.4	98.6	98.8	98.8
≥ 300	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	98.8	99.0	99.2	99.4
≥ 200	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	98.8	99.0	99.2	99.4
≥ 100	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	99.0	99.2	99.6	100.0
≥ 0	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 494

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING > 20000	46.8 49.9	52.4 57.0	53.4 58.0	53.7 58.3	54.2 58.8	54.2 58.8	54.2 58.8	54.5 59.0	54.5 59.0	54.5 59.0	54.5 59.0	54.5 59.0	54.5 59.0	54.7 59.3	54.7 59.3	54.7 59.3	54.7 59.3
≥ 18000 ≥ 16000	49.9 49.9	57.0 57.0	58.0 58.0	58.3 58.3	58.8 58.8	58.8 58.8	58.8 58.8	59.0 59.0	59.0 59.0	59.0 59.0	59.0 59.0	59.0 59.0	59.0 59.0	59.3 59.3	59.3 59.3	59.3 59.3	59.3 59.3
≥ 14000 ≥ 12000	50.9 50.9	58.3 58.8	59.3 59.8	59.5 60.1	60.1 60.6	60.1 60.6	60.1 60.6	60.3 60.8	60.3 60.8	60.3 60.8	60.3 60.8	60.3 60.8	60.3 60.8	60.6 61.1	60.6 61.1	60.6 61.1	60.6 61.1
≥ 10000 ≥ 9000	51.7 52.7	59.5 60.6	60.6 61.6	60.8 61.8	61.3 62.3	61.3 62.3	61.3 62.3	61.6 62.6	61.6 62.6	61.6 62.6	61.6 62.6	61.6 62.6	61.6 62.6	61.8 62.8	61.8 62.8	61.8 62.8	61.8 62.8
≥ 8000 ≥ 7000	55.0 57.5	63.6 68.4	64.6 69.5	64.9 69.7	65.4 70.2	65.4 70.2	65.4 70.2	65.6 70.5	65.6 70.5	65.6 70.5	65.6 70.5	65.6 70.5	65.6 70.5	65.9 70.7	65.9 70.7	65.9 70.7	65.9 70.7
≥ 6000 ≥ 5000	58.3 59.8	69.2 70.7	70.2 72.0	70.5 72.5	71.0 73.0	71.0 73.0	71.0 73.0	71.2 73.3	71.2 73.3	71.2 73.3	71.2 73.3	71.2 73.3	71.2 73.3	71.5 73.5	71.5 73.5	71.5 73.5	71.5 73.5
≥ 4500 ≥ 4000	60.3 62.6	71.5 74.0	72.8 75.3	73.3 75.8	73.8 76.6	73.8 76.6	73.8 76.6	74.0 76.8	74.0 76.8	74.0 76.8	74.0 76.8	74.0 76.8	74.0 76.8	74.3 77.1	74.3 77.1	74.3 77.1	74.3 77.1
≥ 3500 ≥ 3000	64.4 66.2	76.1 80.2	77.4 81.4	77.9 81.9	78.9 83.0	78.9 83.0	78.9 83.0	79.1 83.2	79.1 83.2	79.1 83.2	79.1 83.2	79.1 83.2	79.1 83.2	79.4 83.5	79.4 83.5	79.4 83.5	79.4 83.5
≥ 2500 ≥ 2000	67.4 68.7	83.7 85.5	85.0 86.8	85.5 87.3	86.8 88.5	86.8 88.5	86.8 88.5	87.0 88.8	87.0 88.8	87.0 88.8	87.0 88.8	87.0 88.8	87.0 88.8	87.3 89.1	87.3 89.1	87.3 89.1	87.3 89.1
≥ 1800 ≥ 1500	68.7 68.7	85.8 86.0	87.0 87.5	87.5 88.0	88.8 89.6	89.1 89.8	89.1 89.8	89.3 90.1	89.3 90.1	89.3 90.1	89.3 90.1	89.3 90.1	89.3 90.1	89.6 90.3	89.6 90.3	89.6 90.3	89.6 90.3
≥ 1200 ≥ 1000	68.7 68.7	86.0 86.0	87.5 87.5	88.0 88.0	89.6 89.6	90.1 90.1	90.1 90.6	90.3 90.8	90.3 90.8	90.3 90.8	90.3 90.8	90.3 90.8	90.3 90.8	90.6 91.1	90.6 91.1	90.6 91.1	90.6 91.1
≥ 900 ≥ 800	68.7 68.7	86.0 86.0	87.5 87.5	88.0 89.1	89.8 91.1	90.3 91.6	90.8 92.1	91.1 92.4	91.1 92.4	91.1 92.4	91.1 92.4	91.1 92.4	91.1 92.4	91.2 92.6	91.2 92.6	91.2 92.6	91.2 92.6
≥ 700 ≥ 600	68.7 68.7	86.0 86.0	87.5 87.5	89.1 89.1	91.6 91.9	92.1 92.6	92.9 93.4	92.9 93.9	92.9 93.9	92.9 93.9	92.9 93.9	92.9 93.9	92.9 93.9	93.1 94.7	93.1 94.7	93.1 94.7	93.1 94.7
≥ 500 ≥ 400	68.7 68.7	86.0 86.0	87.5 87.5	89.1 89.1	92.4 93.1	93.4 94.7	94.1 95.9	94.7 96.9	94.7 96.9	94.7 96.9	94.7 96.9	94.7 96.9	94.7 96.9	95.9 98.5	95.9 98.5	95.9 98.5	95.9 98.5
≥ 300 ≥ 200	68.7 68.7	86.0 86.0	87.5 87.5	89.3 89.3	93.4 95.2	95.2 96.7	96.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	98.0 100.0	98.0 100.0	98.0 100.0	98.0 100.0
≥ 100 ≥ 0	68.7 69.7	86.0 86.0	87.5 87.5	89.3 89.3	93.4 95.2	95.2 96.7	96.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	98.0 100.0	98.0 100.0	98.0 100.0	98.0 100.0

TOTAL NUMBER OF OBSERVATIONS 393

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,75
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	43.7	51.4	53.0	53.8	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	44.9	53.8	55.5	56.7	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	44.9	53.8	55.5	56.7	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	44.9	53.8	55.5	56.7	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	45.7	54.7	56.3	57.5	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	47.8	57.1	58.7	59.9	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	49.4	59.5	61.1	62.3	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	51.4	62.0	64.4	65.6	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 8000	53.4	66.8	68.4	69.6	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	54.7	70.0	71.7	72.9	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	55.9	71.3	72.9	74.1	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	55.9	72.1	73.7	74.9	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	55.9	72.5	74.1	75.3	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	57.5	74.1	75.7	76.9	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	59.5	76.1	77.7	78.9	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	60.7	78.9	81.4	82.6	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	61.1	80.2	82.6	83.8	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	61.9	83.4	85.8	87.0	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	61.9	83.4	85.8	87.4	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	61.9	84.2	87.9	89.5	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	61.9	84.2	87.9	89.5	90.3	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	61.9	84.2	87.9	89.9	90.7	91.9	92.7	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1
≥ 500	61.9	84.2	87.9	90.3	92.3	93.5	94.3	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1
≥ 400	61.9	84.2	87.9	90.3	92.7	94.7	95.5	96.4	96.4	96.4	96.4	96.8	96.8	97.6	97.6	97.6
≥ 300	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0
≥ 200	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0
≥ 100	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0
0	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 247

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	38.6 41.3	52.4 56.6	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2
≥ 18000 ≥ 16000	41.3 41.3	56.6 56.6	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 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	58.2 58.2
≥ 14000 ≥ 12000	41.3 43.4	56.6 59.3	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8
≥ 10000 ≥ 9000	43.9 43.9	60.8 60.8	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4
≥ 8000 ≥ 7000	43.9 44.4	61.9 64.0	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6
≥ 6000 ≥ 5000	44.4 47.6	64.0 67.7	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3
≥ 4500 ≥ 4000	47.6 47.6	68.3 68.3	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8
≥ 3500 ≥ 3000	47.6 48.1	68.3 70.9	69.8 72.5	69.8 72.5	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0
≥ 2500 ≥ 2000	48.1 48.1	72.0 73.0	73.5 74.6	73.5 75.7	74.1 76.7	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2
≥ 1800 ≥ 1500	48.1 48.1	73.5 74.6	75.1 76.2	76.2 77.2	77.2 78.3	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4
≥ 1200 ≥ 1000	48.1 48.1	74.6 75.7	76.2 77.2	78.8 81.0	80.4 82.5	81.5 83.6	82.5 85.2	82.5 85.7	82.5 86.2	82.5 86.8	82.5 86.8	82.5 86.8	82.5 86.8	82.5 86.8	82.5 86.8	82.5 86.8
≥ 900 ≥ 800	48.1 48.1	75.7 75.7	77.2 77.2	81.0 81.0	82.5 82.5	83.6 83.6	85.2 86.8	85.7 87.8	86.2 87.8	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4
≥ 700 ≥ 600	48.1 48.1	75.7 75.7	77.8 77.8	81.5 81.5	83.1 84.7	84.1 85.7	87.3 88.9	88.9 90.5	88.9 90.5	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0
≥ 500 ≥ 400	48.1 48.1	75.7 75.7	77.8 78.3	81.5 82.0	85.2 86.2	86.2 87.8	89.4 91.0	91.0 93.1	91.0 93.1	91.5 94.2	91.5 94.2	91.5 94.2	91.5 94.2	91.5 94.7	91.5 94.7	91.5 94.7
≥ 300 ≥ 200	48.1 48.1	75.7 75.7	78.3 78.3	82.0 82.0	86.8 86.8	88.4 88.4	91.5 92.1	94.2 95.2	94.2 95.2	95.2 96.3	95.2 96.3	96.3 97.4	96.3 97.4	96.8 97.9	97.4 98.4	97.4 98.4
≥ 100 ≥ 0	48.1 48.1	75.7 75.7	78.3 78.3	82.0 82.0	86.8 86.8	88.4 88.4	92.1 92.1	95.2 95.2	95.2 95.2	96.3 96.3	96.3 97.4	96.3 97.4	97.4 97.4	98.4 98.4	98.9 98.9	98.9 100.0

TOTAL NUMBER OF OBSERVATIONS 189

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS STATION NAME

60-62 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.2	50.3	50.3	51.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2000	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 1800	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 1600	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 1400	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 1200	41.8	54.1	54.0	56.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1000	41.8	56.1	56.1	58.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 900	41.8	57.7	57.7	59.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 800	43.9	59.8	59.8	61.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 700	43.9	60.8	60.8	63.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 600	46.6	63.5	63.5	65.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 500	46.6	65.1	65.1	67.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 450	46.6	65.1	65.1	67.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 400	46.6	66.1	66.1	68.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 350	46.6	66.1	66.1	68.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 300	47.6	68.3	68.3	70.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 250	47.6	68.8	68.8	70.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 200	47.6	70.9	70.9	73.0	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 180	47.6	73.0	73.0	75.1	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 150	47.6	73.0	73.0	75.1	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 120	47.6	73.5	74.1	76.2	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 100	47.6	73.5	74.1	77.2	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 90	47.6	73.5	74.1	77.8	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 80	47.6	73.5	74.1	77.8	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 70	47.6	73.5	74.1	77.8	82.5	83.6	83.6	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 60	47.6	73.5	74.1	77.8	83.1	84.1	84.1	84.7	84.7	86.2	86.8	86.8	86.8	86.8	86.8	86.8
≥ 50	47.6	73.5	74.1	77.8	84.1	85.2	85.2	87.3	87.3	88.9	90.5	90.5	91.5	91.5	91.5	91.5
≥ 40	47.6	73.5	74.1	77.8	84.7	86.2	87.3	88.9	88.9	90.5	92.1	92.1	93.1	93.1	93.1	93.1
≥ 30	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	89.9	90.5	92.1	94.2	94.2	95.2	95.2	95.2
≥ 20	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	89.9	91.0	92.6	95.8	95.8	96.8	96.8	97.4
≥ 10	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	89.9	91.0	92.6	95.8	95.8	97.4	97.4	98.9
≥ 0	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	89.9	91.0	92.6	95.8	95.8	97.4	97.4	98.9

TOTAL NUMBER OF OBSERVATIONS

189

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

60-62,74-76 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.4	49.2	51.0	51.5	52.1	52.1	52.1	52.1	52.1	52.6	52.8	53.7	54.4	55.0	55.0	55.3
≥ 20000	40.9	52.1	53.9	54.4	55.0	55.0	55.0	55.0	55.0	55.5	55.7	56.6	57.3	57.9	57.9	58.2
≥ 18000	40.9	52.1	53.9	54.4	55.0	55.0	55.0	55.0	55.0	55.5	55.7	56.6	57.3	57.9	57.9	58.2
≥ 16000	40.9	52.1	53.9	54.4	55.0	55.0	55.0	55.0	55.0	55.5	55.7	56.6	57.3	57.9	57.9	58.2
≥ 14000	41.2	52.3	54.1	54.6	55.3	55.3	55.3	55.3	55.3	55.7	55.9	56.8	57.5	58.2	58.2	58.4
≥ 12000	42.3	53.7	55.5	55.9	56.6	56.6	56.6	56.6	56.6	57.0	57.3	58.2	58.8	59.5	59.5	59.7
≥ 10000	46.1	58.6	60.4	60.9	61.5	61.5	61.5	61.5	61.5	62.0	62.2	63.1	63.8	64.4	64.4	64.7
≥ 9000	46.5	59.7	61.5	62.0	62.6	62.6	62.6	62.6	62.6	63.1	63.3	64.2	64.9	65.5	65.5	65.8
≥ 8000	49.2	63.5	65.5	66.4	67.3	67.6	67.6	67.6	67.6	68.0	68.2	69.1	69.8	70.5	70.5	70.7
≥ 7000	50.3	66.0	68.0	68.9	69.8	70.0	70.0	70.0	70.0	70.5	70.7	71.6	72.3	72.9	72.9	73.2
≥ 6000	50.6	66.4	68.5	69.4	70.2	70.5	70.5	70.5	70.5	70.9	71.1	72.0	72.7	73.4	73.4	73.6
≥ 5000	52.6	68.7	70.7	71.6	72.5	72.7	72.7	72.7	72.7	73.2	73.4	74.3	74.9	75.6	75.6	75.8
≥ 4500	53.0	69.1	71.1	72.0	72.9	73.2	73.2	73.2	73.2	73.6	73.8	74.7	75.4	76.1	76.1	76.3
≥ 4000	53.7	70.7	72.7	73.6	74.5	74.7	74.7	74.7	74.7	75.2	75.4	76.3	77.0	77.6	77.6	77.9
≥ 3500	53.9	71.1	73.2	74.0	74.9	75.2	75.4	75.4	75.4	75.8	76.1	77.0	77.6	78.3	78.3	78.5
≥ 3000	54.4	73.6	75.6	76.5	77.4	77.6	77.9	77.9	77.9	78.5	78.7	79.6	80.3	81.0	81.0	81.2
≥ 2500	55.3	76.1	78.3	79.6	80.5	80.8	81.2	81.2	81.2	81.9	82.1	83.0	83.7	84.3	84.3	84.6
≥ 2000	56.4	79.0	81.2	82.6	83.7	83.9	84.3	84.3	84.3	85.0	85.2	86.1	86.8	87.5	87.5	87.7
≥ 1800	56.4	79.2	81.4	82.8	83.9	84.1	84.6	84.6	84.6	85.2	85.5	86.4	87.0	87.7	87.7	87.9
≥ 1500	56.6	79.9	82.3	83.7	84.8	85.2	85.7	85.7	85.7	86.4	86.6	87.5	88.1	88.8	88.8	89.0
≥ 1200	56.6	80.1	82.6	83.9	85.0	85.7	86.4	86.4	86.4	87.0	87.2	88.1	88.8	89.5	89.5	89.7
≥ 1000	56.6	80.1	82.6	84.1	85.5	86.1	86.8	87.0	87.0	87.7	87.9	88.8	89.5	90.2	90.2	90.4
≥ 900	56.6	80.1	82.6	84.3	85.7	86.4	87.0	87.2	87.2	87.9	88.1	89.0	89.7	90.4	90.4	90.6
≥ 800	56.6	80.1	82.6	84.3	86.1	86.8	87.5	87.7	87.7	88.8	89.0	89.9	90.6	91.5	91.5	91.7
≥ 700	56.6	80.1	82.6	84.8	86.6	87.2	87.9	88.1	88.1	89.3	89.5	90.4	91.1	91.9	91.9	92.2
≥ 600	56.6	80.1	82.6	84.8	86.6	87.7	88.6	88.8	88.8	89.9	90.2	91.1	91.7	92.6	92.6	92.8
≥ 500	56.6	80.1	83.0	85.5	87.9	89.3	90.4	90.8	90.8	92.2	92.4	93.3	94.0	94.9	94.9	95.1
≥ 400	56.6	80.1	83.0	85.7	88.1	89.5	90.6	91.1	91.1	92.4	93.1	94.0	94.6	95.5	95.5	95.7
≥ 300	56.6	80.1	83.0	85.7	88.1	89.5	90.6	91.1	91.1	92.8	93.7	94.9	95.5	96.4	96.4	96.6
≥ 200	56.6	80.1	83.0	85.7	88.1	89.5	90.6	91.1	91.3	94.0	94.9	95.0	96.6	97.5	97.8	98.0
≥ 100	56.6	80.1	83.0	85.7	88.1	89.5	90.6	91.1	91.3	94.0	94.9	96.2	97.5	98.4	99.1	99.8
≥ 0	56.6	80.1	83.0	85.7	88.1	89.5	90.6	91.1	91.3	94.0	94.9	96.2	97.5	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 447

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVELS AAF MASS
STATION NAME

60-62,74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	40.1	47.7	48.4	48.8	48.8	48.8	49.2	49.2	49.4	49.8	49.8	50.0	50.0	50.6	50.8	51.4
≥ 20000	45.2	54.1	55.0	55.6	55.6	56.0	56.6	56.6	56.8	57.2	57.2	57.4	57.4	57.9	58.1	58.7
≥ 18000	45.2	54.1	55.0	55.6	55.6	56.0	56.6	56.6	56.8	57.2	57.2	57.4	57.4	57.9	58.1	58.7
≥ 16000	45.2	54.1	55.0	55.6	55.6	56.0	56.6	56.6	56.8	57.2	57.2	57.4	57.4	57.9	58.1	58.7
≥ 14000	45.5	54.5	55.4	56.0	56.0	56.4	57.0	57.0	57.2	57.6	57.6	57.8	57.8	58.3	58.5	59.1
≥ 12000	47.3	56.2	57.2	57.8	57.8	58.1	58.7	58.7	58.9	59.3	59.3	59.5	59.5	60.1	60.3	60.9
≥ 10000	51.0	60.3	61.2	62.0	62.0	62.4	63.0	63.0	63.2	63.6	63.6	63.8	63.8	64.3	64.5	65.1
≥ 9000	51.6	60.9	61.8	62.6	62.6	63.2	63.8	63.8	64.0	64.3	64.3	64.5	64.5	65.1	65.3	65.9
≥ 8000	53.9	64.7	65.7	66.7	67.2	67.6	68.2	68.2	68.4	68.8	68.8	69.0	69.0	69.6	69.8	70.3
≥ 7000	55.2	66.1	67.2	68.2	68.8	69.2	69.8	69.8	70.0	70.3	70.3	70.5	70.5	71.1	71.3	71.9
≥ 6000	55.8	66.9	68.2	69.2	69.8	70.2	70.7	70.7	70.9	71.3	71.3	71.5	71.5	72.1	72.3	72.9
≥ 5000	57.6	69.0	70.5	71.5	72.1	72.5	73.1	73.1	73.3	73.6	73.6	73.8	73.8	74.4	74.6	75.2
≥ 4500	58.1	70.3	71.9	72.9	73.4	73.8	74.4	74.4	74.6	75.0	75.0	75.2	75.2	75.8	76.0	76.6
≥ 4000	59.3	72.3	73.8	74.8	75.4	75.8	76.4	76.4	76.6	76.9	76.9	77.1	77.1	77.7	77.9	78.5
≥ 3500	59.9	73.3	74.8	75.8	76.4	76.9	77.7	77.7	77.9	78.3	78.3	78.5	78.5	79.1	79.3	79.8
≥ 3000	60.7	74.8	76.6	77.5	78.1	78.9	79.7	79.7	79.8	80.2	80.2	80.4	80.4	81.0	81.2	81.8
≥ 2500	62.6	78.1	79.8	81.0	81.6	82.4	83.1	83.1	83.3	83.7	83.7	83.9	83.9	84.5	84.7	85.3
≥ 2000	63.6	79.7	81.4	82.6	83.3	84.1	84.9	84.9	85.1	85.5	85.5	85.7	85.7	86.2	86.4	87.0
≥ 1800	63.6	79.7	81.4	82.6	83.3	84.3	85.1	85.1	85.3	85.7	85.7	85.9	85.9	86.4	86.6	87.2
≥ 1500	63.6	80.0	81.8	83.1	83.9	84.9	85.7	85.7	85.9	86.2	86.2	86.4	86.4	87.0	87.2	87.8
≥ 1200	63.8	80.2	82.0	83.3	84.3	85.5	86.2	86.2	86.4	86.8	86.8	87.0	87.0	87.6	87.8	88.4
≥ 1000	64.7	81.8	83.5	85.3	86.6	88.2	89.1	89.3	89.5	89.9	89.9	90.1	90.3	90.9	91.1	91.7
≥ 900	64.7	81.8	83.5	85.5	86.8	88.4	89.3	89.5	89.7	90.1	90.3	90.5	90.5	91.1	91.3	91.9
≥ 800	64.7	81.8	83.7	85.9	87.2	88.8	89.7	89.9	90.1	90.5	90.9	91.1	91.1	91.7	91.9	92.4
≥ 700	64.7	81.8	83.7	86.0	87.6	89.1	90.1	90.5	90.7	91.1	91.5	91.7	91.7	92.1	92.6	93.4
≥ 600	64.7	81.8	83.9	86.2	87.8	89.3	90.7	91.3	91.5	91.9	92.2	92.4	92.4	92.8	93.4	94.2
≥ 500	64.7	81.8	83.9	86.2	88.0	89.5	91.1	91.9	92.1	92.4	92.8	93.0	93.0	93.6	94.2	95.0
≥ 400	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.2	92.4	92.8	93.2	93.6	93.6	94.6	95.2	95.9
≥ 300	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	94.2	95.9	96.7	97.9
≥ 200	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	94.2	96.3	97.5	98.6
≥ 100	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	94.2	96.9	98.1	99.4
≥ 0	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	94.2	96.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

516

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FUPT DEVELS AAF MASS
STATION NAME

60-62, 74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.6	48.9	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	50.1	56.4	56.6	56.8	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	50.1	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	50.1	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	50.5	56.8	57.0	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
≥ 12000	51.7	58.2	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	53.9	60.8	61.0	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	54.1	61.2	61.4	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	58.2	65.5	65.7	66.3	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	58.8	66.9	67.1	67.7	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	59.0	67.3	67.5	68.3	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	60.8	69.3	69.5	70.3	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	60.8	69.5	69.7	70.5	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	63.8	72.7	72.9	73.7	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	65.0	74.5	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	76.0
≥ 3000	66.1	76.4	76.8	78.0	78.2	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	68.7	79.8	80.6	82.0	82.4	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2
≥ 2000	68.9	80.4	81.2	82.6	83.0	83.0	83.6	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0
≥ 1800	68.9	80.6	81.4	82.8	83.2	83.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2
≥ 1500	69.1	82.0	83.4	84.8	85.5	85.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9
≥ 1200	69.1	83.0	84.6	85.9	86.7	86.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3
≥ 1000	69.7	83.8	85.5	87.5	88.3	88.5	89.5	89.7	89.7	90.1	90.1	90.1	90.1	90.3	90.3	90.3
≥ 900	70.1	84.2	86.1	88.3	89.1	89.3	90.3	90.5	90.5	91.3	91.3	91.3	91.3	91.5	91.5	91.5
≥ 800	70.1	84.8	86.7	88.9	89.9	90.1	91.1	91.3	91.3	92.7	92.7	92.7	92.7	92.9	92.9	92.9
≥ 700	70.1	84.8	86.7	88.9	90.1	90.5	91.5	91.9	91.9	93.3	93.3	93.3	93.3	93.7	93.7	93.7
≥ 600	70.1	85.1	87.1	89.3	90.5	90.9	91.9	92.5	92.5	94.1	94.1	94.1	94.1	94.9	94.9	94.9
≥ 500	70.1	85.3	87.7	90.1	91.3	91.7	92.9	94.5	94.5	96.4	96.6	96.6	96.6	97.4	97.4	97.4
≥ 400	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.0	99.0	99.0
≥ 300	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.4	99.4	99.4
≥ 200	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.6	99.8	99.8
≥ 100	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.6	99.8	99.8
≥ 0	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

505

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVELS AAF MASS
STATION NAME

50-62,74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0	
NO CEILING	47.9	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.4	50.4	50.4
≥ 20000	52.2	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.5	55.7	55.7	55.7
IV ≥ 18000	52.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.9	56.1	56.1	56.1
IV ≥ 16000	52.2	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.4	56.6	56.6	56.6
IV ≥ 14000	53.0	55.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.4	57.6	57.6	57.6
IV ≥ 12000	53.0	57.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9	59.1	59.1	59.1
IV ≥ 10000	55.5	59.5	60.6	60.6	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.4	61.7	61.7	61.7
IV ≥ 9000	55.9	60.4	61.4	61.4	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.3	62.5	62.5	62.5
IV ≥ 8000	58.3	63.8	64.8	64.8	64.8	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.9	65.9	65.9
IV ≥ 7000	60.0	66.5	67.6	67.6	67.6	67.8	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.9	69.1	69.1	69.1
IV ≥ 6000	60.0	66.7	67.8	67.8	68.0	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	69.1	69.3	69.3	69.3
IV ≥ 5000	61.2	68.4	69.5	69.5	69.7	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.8	71.0	71.0	71.0
IV ≥ 4500	61.4	68.9	69.9	69.9	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.2	71.4	71.4	71.4
IV ≥ 4000	62.9	71.4	72.5	72.5	72.7	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.7	73.9	73.9	73.9
IV ≥ 3500	65.5	74.2	75.4	75.4	75.6	75.8	76.3	76.3	76.3	76.3	76.3	76.5	76.5	77.1	77.3	77.3	77.3
IV ≥ 3000	67.6	76.3	77.5	77.5	78.0	78.2	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.9	80.1	80.1	80.1
IV ≥ 2500	68.4	78.2	79.9	79.9	80.5	80.7	81.1	81.6	81.6	81.6	81.6	81.8	81.8	82.6	82.8	82.8	82.8
IV ≥ 2000	68.9	79.0	80.7	80.7	81.4	81.6	82.2	82.6	82.6	82.6	82.8	83.1	83.1	83.9	84.1	84.1	84.1
IV ≥ 1800	68.9	79.0	80.7	80.7	81.6	81.8	82.4	82.8	82.8	82.8	83.1	83.3	83.3	84.1	84.3	84.3	84.3
IV ≥ 1500	68.9	80.1	82.0	82.4	83.7	84.1	84.7	85.2	85.2	85.2	85.4	85.6	85.6	86.4	86.7	86.7	86.7
IV ≥ 1200	68.9	81.4	83.7	84.7	86.0	86.4	87.3	87.7	87.7	87.7	87.9	88.1	88.1	89.0	89.2	89.2	89.2
IV ≥ 1000	68.9	82.0	84.5	85.6	87.5	88.1	89.2	89.6	89.8	90.5	90.7	90.7	91.5	91.7	91.9	91.9	91.9
IV ≥ 900	68.9	82.4	85.0	86.0	87.9	88.6	89.6	90.0	90.3	90.9	91.1	91.1	91.1	91.9	92.2	92.4	92.4
IV ≥ 800	68.9	82.8	85.4	86.7	88.6	89.2	90.3	90.9	91.1	91.7	91.9	91.9	92.6	93.0	93.2	93.2	93.2
IV ≥ 700	68.9	82.8	85.4	86.9	89.0	89.6	90.9	91.9	92.2	93.0	93.4	93.4	94.3	94.5	94.7	94.7	94.7
IV ≥ 600	68.9	83.1	85.6	87.5	89.6	90.7	91.9	92.6	94.1	94.9	95.6	95.6	96.4	96.5	96.8	96.8	96.8
IV ≥ 500	68.9	83.1	85.8	87.7	90.0	91.1	92.6	94.9	95.3	96.2	96.8	97.0	97.9	98.1	98.3	98.3	98.3
IV ≥ 400	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	99.4	99.6	99.8	99.8	99.8
IV ≥ 300	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	99.6	99.8	100.0	100.0	100.0
IV ≥ 200	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	99.6	99.8	100.0	100.0	100.0
IV ≥ 100	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	99.6	99.8	100.0	100.0	100.0
IV ≥ 0	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 472

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

00-42,74-76 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	47.2	54.4	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	56.2	56.2	56.2	56.5	56.5	56.5
≥ 20000	50.4	59.4	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.5	61.5	61.5
≥ 18000	50.4	59.4	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.5	61.5	61.5
≥ 16000	50.4	59.4	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.5	61.5	61.5
≥ 14000	50.7	60.4	61.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.8	62.8	62.8	63.1	63.1	63.1
≥ 12000	50.7	60.7	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.6	63.6	63.6	63.9	63.9	63.9
≥ 10000	51.7	61.7	64.1	64.1	64.6	64.6	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.4	65.4	65.4
≥ 9000	52.5	62.5	65.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	66.2	66.2	66.2	66.5	66.5	66.5
≥ 8000	53.8	64.9	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.6	68.6	68.6	68.9	68.9	68.9
≥ 7000	55.4	67.0	69.7	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.7	70.7	70.7	71.0	71.0	71.0
≥ 6000	55.9	67.5	70.4	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.5	71.5	71.5	71.8	71.8	71.8
≥ 5000	57.3	68.9	71.8	72.0	72.8	72.8	72.8	72.8	72.8	72.8	73.4	73.4	73.4	73.6	73.6	73.6
≥ 4500	57.5	69.7	72.6	72.8	73.6	73.6	73.6	73.6	73.6	73.6	74.1	74.1	74.1	74.4	74.4	74.4
≥ 4000	59.1	72.0	74.9	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.5	76.5	76.5	76.8	76.8	76.8
≥ 3500	59.9	73.9	77.0	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.6	78.6	79.2	79.4	79.4	79.4
≥ 3000	61.2	76.8	79.9	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.5	81.5	82.1	82.3	82.3	82.3
≥ 2500	61.5	77.8	81.0	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.6	82.6	83.1	83.4	83.4	83.4
≥ 2000	61.5	78.4	81.8	82.1	82.8	82.8	82.8	82.8	82.8	82.8	83.4	83.4	83.9	84.2	84.2	84.2
≥ 1800	61.5	78.4	81.8	82.1	82.8	82.8	82.8	82.8	82.8	82.8	83.4	83.4	83.9	84.2	84.2	84.2
≥ 1500	61.5	79.2	82.6	82.8	83.9	83.9	84.2	84.4	84.4	84.4	85.0	85.0	85.5	85.8	85.8	86.0
≥ 1200	61.5	79.2	82.6	82.8	83.9	83.9	84.2	84.4	84.4	84.4	85.0	85.0	85.5	85.8	85.8	86.0
≥ 1000	61.7	79.7	83.1	83.6	84.7	85.0	86.0	86.3	86.3	86.3	86.8	86.8	87.3	87.6	87.6	88.1
≥ 900	61.7	79.7	83.1	83.9	85.8	86.0	87.1	87.3	87.3	87.3	87.9	87.9	88.4	88.7	88.7	89.2
≥ 800	61.7	79.7	83.9	85.0	87.6	87.9	88.9	89.2	89.2	89.2	89.7	89.7	90.2	90.5	90.5	91.0
≥ 700	61.7	79.7	83.9	85.0	88.4	89.2	90.2	90.5	90.5	90.5	91.3	91.3	91.8	92.1	92.1	92.6
≥ 600	61.7	79.7	84.2	85.5	89.4	90.2	91.3	91.6	91.6	91.6	91.8	92.6	92.6	93.4	93.7	94.2
≥ 500	61.7	79.9	85.0	86.3	90.2	91.0	92.1	92.6	92.6	93.4	94.5	94.5	95.3	96.0	96.3	96.8
≥ 400	61.7	79.9	85.0	86.3	90.5	91.3	93.1	93.7	93.7	93.7	94.5	95.8	96.6	97.4	97.6	98.2
≥ 300	61.7	79.9	85.0	86.3	90.5	91.3	93.1	93.7	93.7	93.7	94.5	95.8	96.6	97.6	97.9	98.4
≥ 200	61.7	79.9	85.0	86.3	90.5	91.3	93.4	93.9	93.9	93.9	95.3	96.6	97.4	98.4	99.2	99.5
≥ 100	61.7	79.9	85.0	86.3	90.5	91.3	93.4	93.9	93.9	93.9	95.3	96.6	97.4	98.4	99.2	99.5
≥ 0	61.7	79.9	85.0	86.3	90.5	91.3	93.4	93.9	93.9	93.9	95.3	96.6	97.4	98.4	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS 379

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

60-62,75 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.9	54.9	56.1	56.1	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	47.0	60.1	61.3	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	47.0	60.1	61.3	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	47.0	60.1	61.3	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	47.0	60.1	61.3	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	48.6	62.1	63.2	63.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	49.0	62.8	64.8	64.8	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	51.0	65.2	68.0	68.0	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	51.0	68.0	71.1	71.1	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	51.8	68.8	71.9	71.9	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	51.8	69.2	72.3	72.3	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	53.0	71.5	74.7	74.7	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	53.0	71.5	74.7	74.7	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	53.0	72.7	76.3	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	53.0	72.7	76.3	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	53.4	76.3	80.2	80.2	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	53.4	77.1	81.0	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	53.4	78.3	82.6	82.6	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	53.4	78.3	82.6	82.6	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	53.4	78.7	83.4	83.4	84.6	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	53.4	78.7	83.4	83.4	85.0	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	53.4	79.4	84.2	84.2	86.2	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	53.8	79.8	84.6	84.6	87.0	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 800	53.8	79.8	84.6	84.6	87.0	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 700	53.8	79.8	85.0	85.0	87.7	89.0	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 600	53.8	79.8	85.0	85.0	87.7	89.0	90.1	91.3	91.7	91.7	91.7	91.7	92.5	92.5	92.5	92.5
≥ 500	53.8	80.2	85.4	85.4	88.5	91.3	92.5	92.9	92.9	92.9	92.9	93.7	93.7	93.7	93.7	93.7
≥ 400	53.8	80.2	85.4	85.4	88.5	91.3	92.5	93.3	93.3	93.3	93.3	94.1	94.5	94.5	94.5	94.5
≥ 300	53.8	80.2	85.4	85.4	88.5	91.3	92.5	93.3	93.3	93.3	93.3	94.1	95.3	95.3	96.0	96.0
≥ 200	53.8	80.2	85.4	85.4	88.5	91.3	92.5	93.3	93.3	93.3	93.3	95.3	96.4	96.4	97.2	98.0
≥ 100	53.8	80.2	85.4	85.4	88.5	91.3	92.5	93.3	93.3	93.3	93.3	95.3	96.8	96.8	97.6	98.8
≥ 0	53.8	80.2	85.4	85.4	88.5	91.3	92.5	93.3	93.3	93.3	93.3	95.3	96.8	96.8	97.6	98.8

TOTAL NUMBER OF OBSERVATIONS 25

SKY COVER SUMMARY

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

PART D

SKY COVER

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

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

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

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

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

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

04779 FORT DEVENS AAF MASS 60-63 ALL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	21.1	5.3	5.6	3.5	3.7	2.9	2.6	5.7	5.4	5.2	38.9	5.9	1923
FEB		24.3	4.0	4.2	4.5	3.9	2.8	2.1	4.0	4.6	4.7	41.3	5.9	1742
MAR		22.0	5.0	3.7	4.6	4.4	4.0	2.5	4.9	6.0	4.6	38.2	5.9	1938
APR		19.3	5.1	5.7	4.6	2.7	3.4	3.2	4.9	6.6	6.3	38.2	6.0	1845
MAY		17.1	5.3	5.1	6.1	4.8	3.5	3.1	4.4	7.3	5.5	37.7	6.1	1937
JUN		14.7	4.9	5.1	5.5	4.7	3.8	3.4	7.1	8.1	5.9	36.9	6.3	1872
JUL		14.1	6.4	5.7	6.2	6.0	5.2	4.2	7.5	10.8	6.8	27.2	5.8	1611
AUG		18.1	5.4	6.7	5.5	4.9	5.5	4.2	6.0	8.4	5.6	29.9	5.7	1935
SEP		22.8	6.1	5.6	5.4	4.2	3.5	2.4	4.5	5.2	4.1	36.2	5.5	1871
OCT		21.8	5.7	4.4	4.0	3.9	3.1	2.3	5.0	5.8	7.1	36.9	5.9	1426
NOV		18.0	5.1	6.3	6.7	4.1	3.6	3.6	4.0	4.9	5.4	38.5	5.9	1874
DEC		23.0	6.0	6.1	6.3	4.4	3.3	2.8	4.3	5.0	2.7	36.2	5.4	1937
TOTALS		19.7	5.4	5.4	5.3	4.3	3.1	3.0	5.2	6.5	5.3	36.3	5.9	22211

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

04779 FORT DEVENS AAF MASS 61-63 MAY
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	37.1	3.8	7.0	3.8	1.6	2.7	2.2	1.6	2.7	.5	37.1	4.7	186
	03-05	25.5	6.6	5.7	7.1	3.8	2.4	2.4	3.3	4.7	4.2	34.4	5.2	212
	06-08	15.0	5.6	7.1	5.2	3.0	3.4	.7	6.4	8.2	7.9	37.5	6.2	267
	09-11	10.5	6.4	1.9	6.7	7.1	4.9	2.2	6.7	9.0	6.4	38.2	6.6	267
	12-14	7.2	4.9	1.9	5.3	6.8	4.2	7.2	4.9	8.0	11.4	38.0	7.0	263
	15-17	7.1	4.7	4.3	6.3	5.9	4.7	4.3	6.7	12.9	5.5	37.6	6.8	255
	18-20	11.8	5.1	6.3	6.3	5.1	4.3	3.1	3.5	8.6	4.7	41.2	6.5	255
	21-23	22.8	5.6	6.9	7.8	4.7	1.7	3.0	2.2	4.3	3.4	37.5	5.4	232
TOTALS		17.1	5.3	5.1	6.1	4.8	3.5	3.1	4.4	7.3	5.5	37.7	6.1	1937

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
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	34.4	9.4	2.2	2.2	3.3	3.3	2.2	4.4	2.2	2.2	33.9	4.7	180
	03-05	24.8	5.8	9.2	5.8	3.4	1.5	2.9	4.9	6.3	3.9	31.6	5.2	206
	06-08	15.1	4.3	6.2	7.0	2.3	2.3	2.7	7.0	7.4	6.2	39.5	6.3	258
	09-11	8.1	5.0	4.3	5.0	4.7	4.3	3.9	8.1	9.3	8.5	38.8	6.9	258
	12-14	.4	1.6	2.0	5.5	5.1	8.7	5.9	8.7	13.8	9.1	39.4	7.7	254
	15-17	.4	2.4	6.1	5.7	7.3	6.1	2.8	11.4	11.4	8.9	37.4	7.3	246
	18-20	11.4	6.5	4.1	7.3	4.1	2.0	2.0	8.9	10.2	5.3	38.2	6.5	246
	21-23	23.2	4.5	6.3	5.4	7.1	2.2	4.5	3.6	4.0	2.7	36.6	5.5	224
	TOTALS	14.7	4.9	5.1	5.5	4.7	3.8	3.4	7.1	8.1	5.9	36.9	6.3	1872

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186
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267
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255
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232

937

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	32.3	7.5	8.1	7.0	4.3	6.5	1.6	2.2	6.5	1.1	23.1	4.1	186
	03-05	23.1	6.6	7.5	4.7	3.3	5.7	2.4	5.2	7.1	5.2	29.2	5.2	212
	06-08	13.3	8.0	6.1	3.8	5.3	1.9	2.7	7.2	10.2	5.7	36.0	6.2	264
	09-11	10.2	5.7	5.3	4.5	3.8	5.3	2.7	8.0	10.6	10.6	33.3	6.6	264
	12-14	2.3	1.5	5.0	4.2	8.1	6.6	6.9	10.8	15.1	10.8	28.6	7.1	259
	15-17	4.0	3.2	3.2	9.2	6.4	4.0	7.6	11.2	17.7	11.6	21.7	6.7	249
	18-20	7.6	9.2	4.0	6.8	10.4	6.0	6.0	9.6	12.4	5.6	22.1	5.8	249
	21-23	19.7	9.2	6.1	9.2	6.1	5.7	3.5	6.1	6.6	3.9	23.7	4.9	228
TOTALS		14.1	6.4	5.7	6.2	6.0	5.2	4.2	7.5	10.8	6.8	27.2	5.8	1911

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

SKY COVER

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63
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	36.6	5.4	6.5	3.8	4.8	4.3	3.2	2.2	2.2	2.2	29.0	4.3	186
	03-05	30.2	8.5	7.5	2.8	3.8	2.4	1.9	1.9	3.8	3.8	33.5	4.8	212
	06-08	14.2	9.4	7.9	4.9	2.2	1.1	4.5	4.9	12.7	7.1	31.1	5.9	267
	09-11	9.4	4.1	10.5	6.4	4.1	6.4	2.6	7.5	9.7	6.4	33.0	6.3	267
	12-14	5.7	1.5	3.0	5.7	5.3	11.0	6.5	8.4	12.9	9.5	30.4	6.9	263
	15-17	5.1	1.6	5.9	7.1	7.8	9.4	7.8	10.6	12.9	6.7	25.1	6.5	255
	18-20	11.9	7.5	7.1	6.3	7.1	6.7	4.7	7.5	8.3	7.1	25.7	5.7	253
	21-23	31.5	5.2	5.2	6.9	4.3	2.6	2.2	4.7	4.7	1.7	31.0	4.8	232
TOTALS		18.1	5.4	6.7	5.5	4.9	5.5	4.2	6.0	8.4	5.6	29.9	5.7	1935

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FLRT DEVENS AAF MASS
STATION NAME

60-62
PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	33.6	5.7	9.8	3.3	4.9	3.3	.8	1.6	1.6	4.1	31.1	4.5	122
	03-05	35.8	5.3	4.0	4.0	1.3	2.6	2.6	6.0	2.6	3.3	32.5	4.8	151
	06-08	18.1	4.9	2.5	3.9	2.9	1.5	2.9	7.4	6.4	10.8	38.7	6.5	204
	09-11	13.2	5.4	2.9	3.4	4.4	2.5	2.0	5.9	6.4	10.3	43.6	6.8	204
	12-14	11.1	6.0	1.5	3.5	3.5	4.0	3.0	6.0	11.6	7.5	42.2	7.0	199
	15-17	12.7	6.9	4.8	5.8	4.2	3.7	.5	6.3	7.4	9.0	38.6	6.4	189
	18-20	19.6	7.9	5.3	4.2	3.7	3.2	3.7	4.2	5.8	8.5	33.9	5.8	189
	21-23	30.4	3.6	4.2	4.2	6.0	4.2	3.0	2.4	4.8	3.0	34.5	5.1	168
TOTALS		21.8	5.7	4.4	4.0	3.9	3.1	2.3	5.0	5.8	7.1	36.9	5.9	1426

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

04779 FORT DEVENS AAF MASS 60-62 DEC
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	31.2	5.3	4.2	3.2	4.8	1.6	2.6	4.2	2.6	1.1	39.2	5.2	189
	03-05	26.5	4.8	4.2	4.8	3.2	4.8	1.6	4.8	5.3	.5	39.7	5.5	189
	06-08	26.6	5.2	6.0	6.4	4.1	2.6	2.6	3.0	4.9	4.9	33.7	5.2	267
	09-11	18.7	6.7	7.1	7.1	1.9	4.9	2.2	3.7	6.7	5.2	35.6	5.7	267
	12-14	14.2	3.7	6.7	10.1	4.1	4.5	4.5	7.1	7.5	2.2	35.2	6.0	267
	15-17	11.4	9.4	9.1	9.4	5.5	2.8	2.4	3.5	7.9	3.5	35.0	5.8	254
	18-20	25.4	8.3	6.0	5.2	5.6	2.0	3.2	4.0	2.0	2.0	36.5	5.1	252
	21-23	29.8	4.8	5.6	4.4	5.6	2.8	3.2	4.0	3.2	2.0	34.9	5.0	252
TOTALS		23.0	6.0	6.1	6.3	4.4	3.3	2.8	4.3	5.0	2.7	36.2	5.4	1927

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

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

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This distribution is derived from hourly observations and is presented by month and annual, all hours and 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 with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 04779 FORT DEVENS AAF MASS

DAILY TEMPERATURES

61-62, 74-76

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ANNUAL
100							.7	1.3					.2
95				.7	.7	1.4	4.0						.7
90				2.8	2.8	11.0	15.4	7.2					3.4
85				4.2	8.3	32.2	41.6	32.0	4.1				10.8
80				7.7	20.1	55.5	68.5	54.2	12.9	.8			19.3
75			.7	9.9	39.6	71.2	88.6	79.7	36.7	5.7	.7		29.1
70			4.2	14.8	54.9	84.2	98.7	88.9	55.8	18.9	4.8		36.9
65		.8	8.3	29.6	70.1	91.1		94.1	74.1	35.2	10.3	2.1	44.3
60		2.3	11.8	44.4	82.6	95.2	100.0	98.7	88.4	52.5	17.2		51.0
55	.8	6.2	17.4	62.0	91.0	99.3		100.0	97.3	72.1	30.3	4.1	58.0
50	4.0	10.0	27.6	76.1	97.2	100.0			100.0	82.0	46.9	6.8	63.8
45	11.2	17.7	48.6	87.3	97.9					94.3	66.2	14.4	70.9
40	25.0	39.1	66.7	95.8	100.0					93.4	80.0	39.6	78.6
35	44.4	50.0	83.3	99.3						100.0	94.5	56.2	86.3
30	68.5	74.6	95.1	100.0							98.6	79.5	93.4
25	80.6	86.2	98.6								100.0	88.4	96.4
20	92.7	95.4	100.0									94.5	98.6
15	97.6	100.0										98.6	99.7
10	100.0											99.3	99.9
5												100.0	100.0
MEAN	33.1	35.9	45.2	58.8	70.3	78.9	82.7	80.0	70.4	60.1	49.6	36.0	58.4
S D	9.21	10.33	11.17	12.46	11.07	9.36	6.83	7.93	3.33	9.82	10.56	9.99	20.05
TOTAL OBS.	144	120	144	142	144	146	149	153	147	122	145	146	1692

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 04779 FORT DEVENS AAF MASS

DAILY TEMPERATURES

61-63, 74-76

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
75						.7	4.0	.7					.5
70						8.2	14.8	7.2					2.7
65					2.1	21.2	35.6	24.8	1.4				7.5
60				2.1	9.7	44.5	61.1	47.1	15.6	1.5	1.4		16.1
55				5.7	20.8	60.3	82.6	71.9	32.0	9.0	4.1		25.0
50			.7	8.5	36.1	84.2	93.3	87.6	55.8	21.3	8.3		34.4
45			2.8	17.7	60.4	97.2	99.3	98.0	74.1	36.1	12.4	.7	43.1
40	1.6	1.5	6.2	31.9	81.9	100.0	100.0	100.0	88.4	54.1	22.1	2.1	50.6
35	4.0	8.5	16.0	53.2	95.8				93.2	73.8	39.3	10.3	59.1
30	9.7	13.1	25.7	68.8	99.3				97.3	82.0	48.3	19.7	64.3
25	17.7	21.5	42.4	83.7	100.0				99.3	90.2	62.1	28.1	71.4
20	31.5	31.5	67.4	97.9					100.0	98.4	82.8	49.2	80.2
15	45.2	47.7	82.6	100.0						100.0	95.9	56.2	86.3
10	56.5	60.8	93.1								95.3	69.9	90.5
5	69.4	70.0	95.9								100.0	80.8	93.6
0	83.5	82.3	100.0									91.1	96.8
-5	94.4	90.8										97.3	98.5
-10	98.4	95.4										98.6	99.4
-15	99.2	97.7										100.0	99.8
-20	100.0	100.0											100.0
MEAN	17.1	17.1	27.4	37.2	47.5	57.8	61.9	58.9	50.0	41.3	33.4	20.8	39.2
S.D.	11.881	13.023	8.528	8.568	8.216	7.743	7.541	7.517	8.648	9.257	10.026	11.312	18.173
TOTAL OBS.	124	130	144	141	144	146	149	153	147	122	143	146	1691

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 04779 FORT DEVENS AAF MASS

DAILY TEMPERATURES

61-63, 74-76

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85							1.3	1.3					.2
80					.7	3.4	14.8	4.6					2.1
75				1.4	4.9	25.3	35.6	20.9	2.0				7.9
70				4.3	11.1	47.9	65.8	53.6	10.2				17.0
65				6.4	29.9	68.5	88.6	79.8	30.6	5.7	3.4		27.0
60			.7	10.6	46.5	88.4	100.0	94.8	54.4	16.4	6.2		36.4
55			4.2	20.6	66.7	97.3		100.0	78.9	32.0	11.0	.7	44.2
50		.8	9.7	36.2	88.9	100.0			93.9	57.4	17.2	1.4	51.9
45	2.4	3.8	18.7	61.7	97.2				100.0	73.8	31.0	4.1	59.0
40	6.5	13.8	31.9	83.7	99.3					92.5	55.9	12.3	67.4
35	18.5	26.2	56.9	97.2	100.0					97.5	77.9	29.5	76.3
30	38.7	40.0	79.2	100.0						100.0	92.4	49.3	84.1
25	54.0	57.7	90.3								99.3	87.1	89.7
20	67.7	74.5	98.6								100.0	79.5	93.8
15	85.5	87.7	99.3									93.2	97.3
10	96.0	94.6	100.0									93.6	99.2
5	98.4	98.5										99.3	99.7
0	100.0	100.0										100.0	100.0
MEAN	25.3	26.8	36.6	48.2	59.2	68.6	72.4	69.6	68.4	50.9	41.8	28.7	49.0
S. D.	9.763	10.712	8.999	9.196	8.509	7.416	6.118	6.272	6.973	8.353	9.459	9.692	18.364
TOTAL OBS.	124	120	144	141	144	146	149	133	147	122	143	146	1691

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

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 50-63, 74-76 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT.	NOV.	DEC.	ALL MONTHS
60													
61									* 77*	68	74	54	
62	51	55	77	91	96	91	92	90	86	79	66	68	96
63	49	46	71	72	86	95	100*	88*	85				
74	* 55*	55*	68*	87*	88*	95*	92*	92*	86*	77*	75*	56	* 95
75	* 48*	54*	58	70*	94	9*	93	102*	79*	83*	74*	67	102
76	* 52*	68	74	95*	88	93*	92	93*	86*	76*	65*	54	95
MEAN	51.2	55.6	69.6	83.0	90.4	93.4	93.8	93.0	83.2	76.6	70.8	59.8	97.0
S D	3.114	7.893	7.301	11.336	4.336	1.673	3.493	5.385	4.070	5.505	4.868	7.035	3.366
TOTAL OBS.	124	130	144	142	144	146	149	153	147	122	145	146	1692

NOTES * (BASED ON < FULL MONTHS)
 # (AT LEAST ONE DAY < 24 OBS)
 USAF ETAC FORM 0-88-3 (OLA)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 63-74-76 YEARS ALL MONTH ALL HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-27	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
102/101											.0							3	3	
100/99											.0			.0	.0			7	7	
98/97										.0	.0	.0	.0	.0	.0			18	18	
96/95										.0	.0	.0	.0	.0	.0			18	18	
94/93								.0	.0	.0	.0	.0	.0	.0	.0	.0		43	43	
92/91				.0			.0	.0	.1	.1	.0	.0	.0	.0	.0	.0		101	101	
90/89						.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0		176	176	
88/87				.0	.0	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0		270	270	
86/85					.0	.1	.1	.3	.3	.2	.1	.0	.0	.0				411	411	2
84/83			.0	.0	.0	.2	.3	.3	.3	.2	.1	.1	.0					546	546	5
82/81			.0	.0	.1	.3	.3	.3	.3	.2	.1	.0	.0	.0				598	598	11
80/79			.0	.1	.2	.4	.4	.2	.3	.2	.1	.1	.0					671	671	31
78/77		.0	.1	.2	.4	.4	.3	.3	.3	.2	.1	.0	.0					807	807	92
76/75		.0	.1	.3	.4	.4	.4	.3	.3	.2	.1	.0	.0					833	883	201
74/73	.0	.1	.3	.4	.3	.4	.3	.3	.3	.1	.0	.0						893	893	413
72/71	.0	.2	.4	.3	.5	.3	.4	.3	.1	.1	.0	.0						936	936	701
70/69	.0	.4	.5	.4	.4	.4	.4	.2	.1	.1	.0	.0						999	999	1049
68/67	.1	.5	.5	.5	.4	.4	.3	.2	.2	.1	.0	.0						1132	1132	1210
66/65	.1	.8	.5	.5	.5	.3	.2	.2	.2	.1	.0	.0						1147	1147	1215
64/63	.1	.9	.5	.4	.3	.3	.3	.2	.1	.0	.0	.0						1087	1087	1358
62/61	.2	.9	.6	.4	.3	.3	.2	.2	.1	.0	.0							1138	1138	1480
60/59	.2	.9	.5	.4	.3	.3	.3	.2	.1	.0	.0							1097	1101	1475
58/57	.2	.8	.5	.4	.3	.3	.3	.2	.1	.0								1053	1058	1399
56/55	.3	.9	.5	.4	.4	.3	.2	.2	.0	.0								1083	1088	1152
54/53	.2	.9	.5	.4	.3	.3	.3	.1	.0									1044	1051	1188
52/51	.3	.8	.5	.3	.4	.4	.3	.0	.0									1008	1015	1175
50/49	.2	.8	.4	.3	.4	.4	.2	.0										977	983	1190
48/47	.2	.8	.4	.3	.5	.4	.1	.0										938	944	1110
46/45	.2	.7	.5	.6	.5	.4	.1											992	994	1002
44/43	.1	.7	.4	.6	.6	.3	.0											929	933	912
42/41	.2	.7	.7	.7	.6	.2												1019	1024	1013
40/39	.3	.7	.9	.8	.5	.1												1131	1132	1156
38/37	.3	.8	1.0	.8	.3	.1												1117	1117	1199
36/35	.3	1.0	1.2	.7	.2	.0												1216	1218	1370
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAF ETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS -0-63,74-76 ALL
 STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
34/ 33	.6	1.5	1.1	.5	.2													1360	1363	1511	1101
32/ 31	.5	1.2	1.0	.5	.1													1175	1177	1595	1339
30/ 29	.3	1.2	1.0	.4	.0													1011	1011	1260	1272
28/ 27	.2	1.0	.8	.3	.0													796	798	1092	1244
26/ 25	.2	.9	.7	.3														704	710	949	1263
24/ 23	.2	.9	.5	.1														610	610	802	1174
22/ 21	.2	.7	.5	.1														488	488	687	1130
20/ 19	.1	.7	.5	.0														496	496	565	952
18/ 17	.1	.6	.4	.0														405	405	480	849
16/ 15	.1	.6	.3															324	325	462	764
14/ 13	.1	.5	.2															267	268	334	618
12/ 11	.1	.4	.1															217	217	288	522
10/ 9	.1	.5	.1															223	225	254	465
8/ 7	.1	.4	.0															186	186	220	464
6/ 5	.1	.3	.0															153	153	199	385
4/ 3	.1	.2	.0															96	96	136	309
2/ 1	.1	.2																84	84	91	282
0/ -1	.1	.1																55	55	77	225
-2/ -3	.0	.0																24	24	33	192
-4/ -5	.0	.0																22	22	21	177
-6/ -7	.0	.0																17	17	23	173
-8/ -9	.0	.0																7	7	8	124
-10/-11	.0	.0																5	5	7	125
-12/-13	.0	.0																7	7	6	100
-14/-15	.0	.0																3	3	3	72
-16/-17	.0	.0																4	4	4	53
-18/-19	.0																	2	2	3	36
-20/-21																					18
-22/-23																					7
-24/-25																					2
-26/-27																					2
-28/-29																					4
-30/-31																					1
-32/-33																					2
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55				.1														2	2		
54/ 53			.1	.0														3	3		
52/ 51	.1	.2	.1	.0														10	10	5	
50/ 49	.1	.1	.1	.2	.0													14	14	10	
48/ 47	.1	.3	.2	.0	.1													18	18	8	
46/ 45	.1	.3	.2	.2	.1	.2												24	24	16	
44/ 43	.0	.2	.4	.6	.2													36	37	16	
42/ 41	.0	.6	.6	.8	.5													67	67	18	
40/ 39	.2	.5	1.7	.9	.4													100	100	41	
38/ 37	.1	.9	1.7	1.2	.2													94	94	59	
36/ 35	.2	1.6	2.1	1.4	.1	.2												145	145	109	
34/ 33	1.0	3.1	2.2	1.2	.1													199	199	163	
32/ 31	.6	2.0	2.6	1.1	.2													172	172	186	
30/ 29	.5	3.5	2.7	.8	.0													202	202	161	
28/ 27	.6	2.8	2.1	.8	.1													171	171	236	
26/ 25	.5	2.5	2.1	.8														152	152	178	
24/ 23	.3	2.5	2.3	.5														147	147	152	
22/ 21	.3	2.4	2.3	.2														139	139	141	
20/ 19	.5	2.6	3.2															169	169	164	
18/ 17	.3	3.1	2.0	.0														145	145	173	
16/ 15	.2	2.9	1.3															115	115	164	
14/ 13	.2	2.5	1.2															105	105	125	
12/ 11	.4	2.3	.7															91	91	112	
10/ 9	.3	2.6	.5															92	94	97	
8/ 7	.8	2.2	.2															82	82	107	
6/ 5	.6	1.5																55	55	81	
4/ 3	.5	.8																34	34	47	
2/ 1	.2	.9																29	29	30	
0/ -1	.2	.4																16	16	26	
-2/ -3	.1	.2																8	8	9	
-4/ -5	.1																	3	3	5	
-6/ -7	.2																	4	4	4	
-8/ -9																				47	
-10/-11	.0																	1	1	1	
Element (X)	ΣX^2			ΣX			\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total					
Rel. Hum										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENES AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-12/-13	.0																	1	1	1	30			
-14/-15																					19			
-16/-17	.0	.0																2	2	2	11			
-18/-19	.1																	2	2	2	8			
-20/-21																					3			
-22/-23																					2			
-26/-27																					1			
-28/-29																					2			
-38/-39																					1			
TOTAL	9.3	45.6	31.9	10.8	2.0	.3															2653		2648	
																		2649				2649		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12106308	173224	65.4	17.150	2649							
Dry Bulb	1948323	65385	24.6	11.270	2653	10.4	544.0					744
Wet Bulb	1596145	58639	22.1	10.610	2649	14.0	619.0					744
Dew Point	1015175	37085	14.0	13.686	2648	134.0	694.0					744

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 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS PER MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67									.1									2	2		
66/ 65								.0	.0									2	2		
62/ 61								.1	.0									3	3		
60/ 59								.1	.0									3	3		
58/ 57		.0			.1		.1	.2										10	10		
56/ 55		.0	.0		.1		.1	.0										9	9	1	
54/ 53				.2	.0	.2	.2	.0										15	15	1	2
52/ 51				.1	.2	.3	.2	.1										24	24	2	
50/ 49		.2	.0	.1	.4	.2	.0											28	28	8	1
48/ 47		.1	.2	.2	.6	.4	.0											38	36	13	2
46/ 45		.0	.2	.4	.8	.3												44	44	15	5
44/ 43		.2	.5	.5	.8	.2												53	53	30	4
42/ 41	.0	.4	1.2	.8	.5	.2												87	87	42	8
40/ 39	.2	.7	1.2	1.5	.9	.0												119	119	75	17
38/ 37	.6	1.1	1.4	.9	.5	.2												123	123	117	35
36/ 35	.6	2.0	1.7	1.4	.5	.0												168	168	152	60
34/ 33	1.6	3.0	1.5	1.0	.5													203	203	198	95
32/ 31	1.4	1.7	1.7	1.2	.5													176	176	204	174
30/ 29	.6	1.8	1.9	1.6	.3													167	167	157	136
28/ 27	.6	2.1	1.4	1.2	.1													147	147	151	137
26/ 25	.6	2.2	2.6	1.2														175	175	178	137
24/ 23	1.2	2.2	2.5	.6														173	173	181	140
22/ 21	.7	2.6	2.1	.3														151	151	199	135
20/ 19	.5	2.1	2.1	.1														128	128	181	134
18/ 17	.4	2.1	1.3	.0														102	102	119	155
16/ 15	.3	2.1	.9															87	87	124	108
14/ 13	.5	1.3	.7															67	67	90	115
12/ 11	.2	1.2	.5															49	49	68	115
10/ 9	.2	1.4	.3															52	52	59	128
8/ 7	.2	1.4	.1															46	46	50	126
6/ 5	.2	1.4	.1															43	43	48	101
4/ 3	.5	1.1	.0															41	41	50	92
2/ 1	.3	1.2																40	40	41	70
0/ -1	.4	.8																30	30	42	52
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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 FORM 0-26- (O) A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAFETAC

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-63,74-76 YEARS MAR MONTH
 PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
78/ 77												.0						1	1							
76/ 75												.0						3	3							
74/ 73							.0				.0							2	2							
72/ 71							.0				.1							2	2							
70/ 69						.0	.0	.0	.1	.1	.1							13	13							
68/ 67					.1	.1	.0	.1	.2	.1	.1							21	21							
66/ 65				.0	.3	.0	.0	.1	.1	.1								18	18							
64/ 63				.0	.1	.1	.1	.1	.2	.1								17	17	1						
62/ 61		.0		.2	.2	.1	.4	.2	.2									40	40	1						
60/ 59		.1	.1	.1	.1	.0	.1	.1	.2									26	26	3						
58/ 57		.0	.1	.1	.2	.2	.3	.2	.1									35	35	20	5					
56/ 55			.2	.2	.2	.3	.4	.2										45	45	14	3					
54/ 53			.3	.2	.2	.3	.4	.2										45	46	30	9					
52/ 51	.1	.3	.4	.2	.5	.6	.8	.1										92	92	34	16					
50/ 49	.1	.2	.2	.2	.6	.6	.6	.1										77	77	60	19					
48/ 47	.0	.2	.2	.2	.6	1.0	.5	.0										85	85	57	28					
46/ 45		.3	.5	.8	1.4	1.4	.5											148	148	57	24					
44/ 43		.3	.2	1.3	2.0	1.2	.1											154	154	71	29					
42/ 41		.4	1.0	1.6	1.6	1.1												173	173	88	27					
40/ 39	.0	.6	1.8	2.4	1.6	.4												203	203	130	47					
38/ 37	.5	1.2	1.8	2.3	1.1	.6												224	224	204	55					
36/ 35	.9	1.9	2.0	2.0	.9	.3												258	258	317	94					
34/ 33	1.4	3.6	3.1	1.2	.7													300	300	350	136					
32/ 31	1.8	3.0	1.9	1.6	.8													272	272	360	239					
30/ 29	.7	2.2	2.1	1.5	.1													195	195	302	215					
28/ 27	.3	1.1	1.6	1.1	.0													127	127	200	236					
26/ 25	.3	1.5	1.4	.5														111	111	187	268					
24/ 23	.2	1.2	.7	.1														64	64	138	224					
22/ 21	.2	1.3	.5	.1														60	60	109	215					
20/ 19	.1	1.3	.5	.1														56	56	70	157					
18/ 17	.1	.5	.3	.0														28	28	54	159					
16/ 15	.1	.6	.2															27	27	35	191					
14/ 13	.0	.2	.3															16	16	24	133					
12/ 11	.1	.2	.2															12	12	16	108					
Element (X)	ΣX^2	ΣX														\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76
YEARS

MAR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
10/ 9	.0	.2	.1															10	10	14	80	
8/ 7		.2	.0															8	8	7	86	
6/ 5	.0	.2																6	6	12	45	
4/ 3																				4	40	
2/ 1																					14	
0/ -1																					14	
-2/ -3																					20	
-4/ -5																					9	
-6/ -7																					10	
-8/ -9																					5	
-10/-11																					5	
-12/-13																					3	
-14/-15																					3	
-16/-17																					1	
-18/-19																					1	
-20/-21																					1	
TOTAL	7.1	22.9	22.4	18.1	13.3	8.6	4.3	1.5	1.0	.5	.2	.1						2974	2975	2974	2974	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	12216687	180407	60.7	20.692	2974	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744										
Dry Bulb	4505547	110975	37.3	11.092	2974		248.1	10.5	1.5			744										
Wet Bulb	3358339	96353	32.4	8.922	2974		383.3					744										
Dew Point	1986465	69657	23.4	10.927	2974	18.0	620.9					744										

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USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

41-43,74-76

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb
96/ 95															.0		1	1	
94/ 93															.2		5	5	
92/ 91														.1	.0	.1	8	8	
90/ 89													.1	.1	.0	.1	7	7	
88/ 87														.1	.1		11	11	
86/ 85										.0	.1			.0			5	5	
84/ 83										.1	.0	.1	.1				9	9	
82/ 81									.1	.1	.0	.0	.0	.0			8	8	
80/ 79								.0	.1	.2	.1	.1					12	12	
78/ 77							.0	.0	.1	.1	.1	.0	.1				15	15	
76/ 75						.1	.1	.1	.0	.1	.1	.1	.1				21	21	
74/ 73						.1	.0	.1	.1	.1	.0	.1					14	14	
72/ 71				.1	.1	.2	.1	.1	.0	.0	.1						21	21	
70/ 69			.0	.1	.0	.1	.1	.3	.0	.2	.1						30	30	1
68/ 67			.1	.2	.2	.1	.2	.3	.4	.2	.2						54	54	10
66/ 65			.1	.4	.2	.3	.2	.4	.8	.3	.2						86	86	26
64/ 63			.1	.3	.1	.3	.2	.6	.4	.2	.0						65	65	19
62/ 61		.1	.0	.3	.2	.3	.2	1.0	.8	.2							89	89	35
60/ 59		.1	.1	.1	.2	.5	1.0	.8	.4	.2							99	99	55
58/ 57		.2	.1	.0	.2	.8	1.4	.8	.5	.0							120	120	46
56/ 55		.3	.1	.3	.5	.9	1.2	1.2	.2								138	138	41
54/ 53	.1	.9	.2	.6	.5	1.0	1.5	1.0	.0								168	168	64
52/ 51	.3	1.0	.3	.3	.9	1.4	1.0	.3	.1								163	163	101
50/ 49	.1	.4	.4	.4	1.3	1.9	.9	.1									162	162	137
48/ 47	.3	.4	.7	1.0	2.0	1.5	.6	.1									191	191	184
46/ 45	.6	.7	.7	1.5	1.7	1.2	.2										193	193	185
44/ 43	.2	1.1	.9	1.5	1.8	1.1	.0										193	193	216
42/ 41	.7	1.5	2.4	1.6	1.7	.3											240	240	287
40/ 39	.8	1.6	1.4	1.3	1.4	.2											197	197	331
38/ 37	.7	1.3	1.8	1.3	.6												167	167	304
36/ 35	.8	1.1	1.6	.7	.1												124	124	245
34/ 33	1.4	1.3	1.3	.7													135	136	237
32/ 31		.9	.9	.3													60	60	154
30/ 29	.0	1.3	.5	.1													54	54	99
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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63,74-76

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
28/ 27	.1	.6	.2	.1															29	29	82	241													
26/ 25	.0	.2	.1	.0															11	11	32	217													
24/ 23	.0	.1	.0																5	5	10	186													
22/ 21		.0	.0																2	2	8	183													
20/ 19		.0																	1	1	3	145													
18/ 17																					1	88													
16/ 15																						56													
14/ 13																						48													
12/ 11																						19													
10/ 9																						12													
8/ 7																						9													
6/ 5																						3													
4/ 3																						2													
2/ 1																						1													
TOTAL	6.2	15.1	14.1	12.9	13.7	12.3	9.1	7.1	4.3	1.9	1.4	.8	.5	.3	.3	.2		2913	2914	2913	2913														
Element (X)	Σ x²	Σ x		X	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total																					
Rel. Hum.	10849911	164551		56.5	23.106	2913		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720																					
Dry Bulb	7321213	141711		48.6	12.145	2914			40.0	54.6	28.7	15.6	1.5	720																					
Wet Bulb	5179896	120276		41.3	8.568	2913			96.1	2.7				720																					
Dew Point	3197797	91773		31.5	10.260	2913			404.4					720																					

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USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63, 74-76
YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
96/ 95													.0				1	1		
94/ 93												.1					4	4		
92/ 91											.1						7	7		
90/ 89										.1	.1	.1					6	6		
88/ 87									.0	.3	.2			.0	.0		18	18		
86/ 85									.2	.3	.3	.1	.1	.0			30	30		
84/ 83								.0	.2	.2	.2	.1	.2	.0			27	27		
82/ 81						.0	.1	.2	.3	.3	.4	.1					40	40		
80/ 79						.2	.2	.2	.4	.3	.3	.1	.0				50	50		
78/ 77					.1	.1	.3	.4	.8	.7	.2	.2	.2				89	89		
76/ 75				.1	.2	.3	.2	.6	.7	.4	.1	.2					85	85	6	
74/ 73				.1	.2	.2	.4	.7	.8	.6	.2	.2					104	104	10	
72/ 71			.1	.2	.5	.2	.6	1.0	.4	.5	.2	.1					114	114	27	
70/ 69			.1	.3	.3	.5	.5	.6	.5	.4	.1	.1					101	101	35	6
68/ 67		.1	.5	.5	.4	.9	.8	1.0	.5	.2							167	167	47	5
66/ 65	.1	.9	.4	.4	.5	.3	.4	1.0	.8	.1	.0						151	151	82	37
64/ 63	.0	.4	.3	.5	.5	1.0	1.1	.7	.3	.2	.1	.1					154	154	109	54
62/ 61	.3	.7	.8	.3	.7	1.1	.9	.5	.2	.1	.0						168	168	149	88
60/ 59	.1	.6	.8	.8	.6	.9	.7	.7	.1	.2	.1						172	172	205	78
58/ 57	.1	1.1	.9	.6	1.3	.9	.7	.5	.1	.1							193	193	161	80
56/ 55	.2	1.1	.9	.9	1.2	.9	.4	.2		.0							173	173	194	120
54/ 53	.6	1.6	1.4	.9	.8	.7	.3	.1	.0								194	194	237	127
52/ 51	.7	1.4	1.3	.9	.4	.7	.2		.0								164	164	292	190
50/ 49	.5	2.1	1.4	.8	.9	.5	.1	.0									193	194	286	214
48/ 47	.2	1.7	.9	.4	.5	.3	.1	.0									121	121	262	206
46/ 45	.2	1.5	.7	.9	.3	.3											116	116	203	207
44/ 43	.1	1.5	.9	.3	.2	.1											95	95	163	222
42/ 41	.6	1.6	.5	.1	.2	.1											91	91	170	237
40/ 39	1.1	1.2	.4	.2													87	87	170	241
38/ 37	.3	.6	.3	.0		.0											39	39	84	187
36/ 35	.1	.4	.2														23	23	44	166
34/ 33	.1	.5															19	19	39	127
32/ 31		.1															2	2	22	110
30/ 29																			1	98
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

9477 54321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					67
26/ 25																					37
24/ 23																					30
22/ 21																					17
20/ 19																					9
18/ 17																					12
16/ 15																					9
14/ 13																					7
12/ 11																					3
8/ 7																					5
6/ 5																					1
2/ 1																					3
0/ -1																					3
-2/ -3																					3
-4/ -5																					1
-8/ -9																					1
TOTAL	5.2	19.2	12.8	9.3	9.7	10.0	8.2	8.7	7.5	5.2	2.3	1.4	.3	.0				2998	2999	2998	2998
Element (X)	Σ x ²		Σ x		X		σ _x		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Hum.	12883500		183936		61.423		.095		2998		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	10931959		177391		59.212		.105		2999			.5	209.1	114.4	39.7	1.2	744				
Wet Bulb	8088124		153538		51.2		8.662		2998			5.7	31.0	4.0			744				
Dew Point	6053824		130856		43.610		.686		2998		2.0	103.2	2.7				744				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-53.74-76 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
96/ 95										.0							2	2		
94/ 93								.0		.1	.0	.1	.0	.0	.0	.0	12	12		
92/ 91						.0		.1	.1	.3	.2	.1	.0			.0	27	27		
90/ 89						.1	.0	.3	.5	.3	.2	.2	.1	.0			51	51		
88/ 87						.1	.2	.7	.4	.3	.3	.1					64	64		
86/ 85					.1	.2	.6	.7	.8	.5	.2	.0	.1				94	94		
84/ 83					.1	.3	1.2	1.1	.9	.7	.4	.4	.0				155	155		
82/ 81				.0	.2	.8	1.2	.7	.4	.7	.4	.3					143	143	2	
80/ 79				.2	.4	1.0	1.2	.6	.7	.7	.2	.3					159	159	4	
78/ 77			.1	.4	1.1	1.1	.9	.6	.6	.6	.3	.1					175	175	13	2
76/ 75		.1	.1	.8	1.4	1.0	1.1	.6	.7	.5	.0						187	187	37	4
74/ 73		.2	.6	.8	1.2	.8	.9	.6	.5	.4	.0						178	178	113	10
72/ 71		.3	1.2	1.0	1.1	.7	.9	1.0	.3	.2	.0						203	203	158	26
70/ 69		1.1	1.1	1.0	1.3	1.1	.7	.5	.2	.1	.0						214	214	257	70
68/ 67	.1	1.5	1.1	1.1	1.2	.6	.6	.2	.1	.0							198	198	281	194
66/ 65	.2	1.5	.7	.9	1.2	.9	.4	.3	.0	.0							188	188	279	215
64/ 63	.2	1.4	1.3	.7	.7	.5	.3	.2									158	158	275	245
62/ 61	.2	1.4	1.4	1.0	.4	.5	.1										150	150	275	262
60/ 59	.2	1.5	1.4	.7	.4	.3	.0										138	138	262	225
58/ 57	.2	1.7	1.4	.9	.5												142	142	278	254
56/ 55	.4	2.7	.8	.4	.1												132	132	228	232
54/ 53	.4	2.0	.9	.2													107	107	217	271
52/ 51	.4	1.1	.6	.1	.0												66	66	157	276
50/ 49	.3	.5	.5	.0													44	44	106	214
48/ 47	.1	.7	.1														29	29	43	147
46/ 45	.1	.3	.0														14	14	40	155
44/ 43	.0	.1															3	3	8	107
42/ 41		.1															2	2	1	59
40/ 39																			1	34
38/ 37																				15
36/ 35																				7
34/ 33																				7
32/ 31																				3
30/ 29																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63,74-76

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb		Wet Bulb	Dew Point	
TOTAL	2.8	18.3	13.3	10.0	11.2	10.0	10.3	8.0	6.1	5.2	2.6	1.6	.3	.1	.0	.0		3035	3035	3035	3035	
Element (X)	$\sum X^2$		$\sum X$		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	14266645		199249		65.7	19.770	3035	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total							
Dry Bulb	15091705		211551		69.7	10.676	3035			441.7	295.8	148.5	3.3		720							
Wet Bulb	11651323		186779		61.5	7.185	3035			205.2	40.1	.7			720							
Dew Point	9783014		170620		56.2	7.938	3035			.9	72.6	3.8			720							

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 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVERNS AAF MASS STATION NAME

61-53,74-76 YEARS

JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
100/ 99													.0	.1				3	3		
98/ 97												.1	.1	.0	.0			14	14		
96/ 95											.0	.1	.2	.0	.0			11	11		
94/ 93											.1	.1	.1	.1	.1			20	20		
92/ 91				.0		.0		.6	.2	.2	.2	.2	.0					45	45		
90/ 89						.2	.3	.7	.4	.3	.1	.1	.0					64	64		
88/ 87				.1	.0	.3	.3	.5	1.0	.4	.1	.1	.0					89	89		
86/ 85				.3	.3	.5	1.1	1.0	.6	.2	.0	.0						127	127		
84/ 83			.0	.1	.3	.7	1.0	1.5	1.0	.7	.2	.1						175	175	1	1
82/ 81				.3	.4	1.1	1.3	1.5	1.1	.5	.3	.1						199	199	5	3
80/ 79			.2	.7	.6	1.1	1.2	.9	.9	.4	.3	.3						199	199	20	1
78/ 77			.4	.9	1.6	1.5	1.1	.9	.3	.2	.2	.1						219	219	55	5
76/ 75		.2	.9	1.3	1.0	1.1	.7	.8	.5	.2	.1							212	212	98	18
74/ 73	.1	.6	1.0	1.5	1.0	1.4	.8	.6	.4	.1	.0							226	226	158	77
72/ 71		.6	1.9	1.0	1.3	1.0	.7	.5	.2	.0								215	215	259	89
70/ 69	.0	.9	1.4	1.2	1.0	.8	.9	.5	.0									211	211	338	139
68/ 67	.1	1.6	1.7	1.0	.7	1.0	.3	.1	.0									198	198	359	211
66/ 65	.1	2.1	1.5	.9	.6	.4	.2	.0										179	179	316	272
64/ 63	.4	3.0	1.4	.6	.5	.3	.1											193	193	339	365
62/ 61	.5	2.0	1.0	.3	.5	.1	.0											131	131	309	357
60/ 59	.4	1.7	.7	.7	.5	.0												121	121	250	308
58/ 57	.3	.9	.3	.3	.0													56	56	213	285
56/ 55	.4	.6	.5	.3														51	51	117	227
54/ 53	.1	.5	.3	.1														30	30	84	152
52/ 51		.5	.2															21	21	53	124
50/ 49		.4	.2	.0														18	18	30	138
48/ 47	.0	.3	.0	.0														11	11	21	108
46/ 45		.2	.0															8	8	10	67
44/ 43		.1																2	2	10	51
42/ 41																				1	31
40/ 39																					14
38/ 37																					3
36/ 35																					1
34/ 33																					1
Element (X)	Z _X ²	Z _X	X	e _X	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME

1-63, 74-76 YEARS

AUG MONTH

PAGE 1

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101									.1									3	3		
100/99									.1									4	4		
98/97								.0	.1									4	4		
96/95								.1										3	3		
94/93								.1										2	2		
92/91							.0	.1	.1			.0						9	9		
90/89							.1	.2	.3	.2	.2	.0						30	30		
88/87						.0	.2	.3	.8	.7	.5	.1	.0					80	80		
86/85					.0	.4	.4	.9	1.2	.8	.3	.1						127	127	1	
84/83					.5	.7	.9	1.3	1.0	.2	.1							147	147	3	
82/81					.3	.9	.9	1.3	.9	.4	.4							157	157	4	
80/79				.2	.6	1.0	1.4	.8	.7	.6	.1							170	170	7	1
78/77			.0	.5	1.1	1.3	1.0	.7	.8	.3	.0	.0						176	176	14	3
76/75			.3	1.0	1.2	1.1	1.1	.9	.8	.6	.2							225	225	32	6
74/73		.2	.8	1.2	.7	1.2	1.1	.8	.6	.1								207	207	82	9
72/71	.1	.6	1.0	.7	1.2	.8	.8	.5	.3	.2								198	198	189	45
70/69	.1	1.9	1.3	1.0	.7	.6	.6	.3	.1									211	211	309	112
69/67	.5	1.4	1.7	1.6	.8	.5	.4			.0								220	220	362	173
66/65	.5	2.7	1.4	1.8	.6	.2	.1											226	226	319	263
64/63	.5	2.5	1.5	1.0	.2	.2	.0											183	183	356	294
62/61	.6	3.2	1.4	.5	.3	.2	.1											191	191	365	351
60/59	.6	3.2	1.3	.3	.1	.1		.0										172	172	352	357
58/57	.4	1.7	.7	.3	.1	.1												100	100	246	353
56/55	.4	1.3	.6	.2	.0													80	80	151	297
54/53	.2	1.0	.4	.2		.0												52	52	97	202
52/51	.0	.7	.4															34	34	67	185
50/49	.1	.8	.1	.0	.1													33	33	45	136
48/47	.0	.6	.0															21	21	50	99
46/45	.1	.3																11	11	18	89
44/43		.1																4	4	6	47
42/41																				5	26
40/39																					24
38/37																					3
32/31																					5
Element (X)	Z _X '	Z _X	X	X'	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477-54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

AUG
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
TOTAL	4.0	22.4	13.0	10.5	8.1	9.3	9.0	8.2	8.1	5.2	1.9	.4	.0					3080	3080	3080	3080
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	15660352	210918	68.5	19.879	3080	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	15658314	217474	70.6	9.917	3080			476.6	324.7	157.3	3.9	74									
Wet Bulb	12368877	194181	63.0	6.412	3080			242.3	34.5	3.1		74									
Dew Point	10643994	179776	58.4	6.996	3080		1.2	84.3	4.6			74									

9477-54321
USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

04779 FORT DEVENS AAF MASS

61-63,74-76

SEP
MONTH

PAGE 1 ALL
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew		
92/ 91								.0	.1										5	5			
90/ 89							.1	.1	.3										18	18			
88/ 87						.0	.1	.1	.0										8	8			
86/ 85						.3	.2	.3	.0	.1	.0								28	28			
84/ 83				.0	.1	.2	.3	.1	.2	.1	.0	.1							31	31			
82/ 81			.0	.0	.2	.2	.3	.1	.2	.4	.1								48	48			
80/ 79			.1	.0	.3	.8	.2	.2	.3	.3	.1								71	71			
78/ 77			.2	.4	.7	.4	.4	.5	.7	.2	.1								111	111	9		
76/ 75		.0	.2	.4	.6	.6	.5	.6	.3	.4	.1								118	118	25		
74/ 73	.1	.1	.5	.7	.5	.7	.5	.7	.4	.2									130	130	48		
72/ 71	.1	.3	.8	.6	.9	.5	.7	.5	.3	.0									140	140	67		
70/ 69	.1	.7	.9	.7	.8	.7	1.0	.4	.2	.1									168	168	100		
68/ 67	.2	.6	.8	1.0	.7	1.4	.7	.6	.2										190	190	146		
66/ 65	.3	1.4	.8	.8	1.3	.6	.7	.5	.0										192	192	156		
64/ 63	.4	1.6	.5	1.0	.9	1.0	.8	.4											195	195	190		
62/ 61	.8	1.8	1.0	1.3	.6	.8	.5	.2											209	209	233		
60/ 59	.7	1.5	1.1	1.1	.7	.7	.6	.1											191	192	232		
58/ 57	1.2	2.3	1.2	.9	.3	.5	.0	.1											193	194	294		
56/ 55	1.2	2.2	1.0	.9	.5	.4	.1	.0											185	186	268		
54/ 53	.5	2.3	.7	.6	.1	.2													135	135	248		
52/ 51	.8	2.1	.9	.6	.3														140	142	199		
50/ 49	.6	2.3	.6	.2	.1														115	115	215		
48/ 47	.5	1.8	.5	.3	.1														96	96	164		
46/ 45	.2	1.4	.4	.2															63	63	109		
44/ 43	.1	1.0	.2	.1															41	41	72		
42/ 41	.0	.6	.1																22	22	50		
40/ 39	.1	.7	.1		.0														25	25	32		
38/ 37	.2	.4	.1																20	20	24		
36/ 35	.2	.6																	23	23	22		
34/ 33	.1	.4																	16	16	21		
32/ 31	.1	.2																	9	9	16		
30/ 29	.1	.1																	7	7	9		
28/ 27		.0																	1	1	2		
26/ 25																							
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

9477-94321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62,74-76
YEARS

OCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point		
84/ 83																		2	2				
82/ 81									.1	.0								3	3				
80/ 79						.0	.1	.0	.2	.0	.0							10	10				
78/ 77		.2				.0	.1	.2	.2	.1	.1							21	21	1			
76/ 75		.0				.1	.1	.3	.4	.1	.1							29	29	3	3		
74/ 73		.1				.1	.3	.2	.1	.3	.0							27	27	2	2		
72/ 71		.1	.0		.1	.3	.6	.3	.3	.1								40	40	1	2		
70/ 69		.1	.3	.2	.4	.4	.4	.1	.0									46	46	5	2		
68/ 67		.0	.2	.2	.8	.8	.3	.5	.3	.0								69	69	9	2		
66/ 65		.3	.7	.5	.5	.4	.3	.3	.5									84	84	30	5		
64/ 63	.1	1.0	.5	.6	.4	.5	.7	.3	.0									96	96	61	14		
62/ 61	.3	.9	.8	.7	.7	.6	.6	.5										118	118	96	49		
60/ 59	.3	.8	.8	.9	.7	.7	.8	.3	.0									121	121	96	61		
58/ 57	.2	.9	.8	.8	1.2	1.1	.6	.2	.0									133	133	108	65		
56/ 55	.3	1.5	1.2	1.7	1.3	.9	.4											171	171	101	93		
54/ 53	.9	2.0	1.1	.9	1.5	.9	.5											182	182	143	115		
52/ 51	.9	2.1	.9	.8	1.5	.4	.2											159	159	195	123		
50/ 49	.7	2.1	.8	.9	.9	.9	.2	.0										153	153	199	141		
48/ 47	.7	2.0	1.1	1.2	.8	.8		.0										153	153	200	154		
46/ 45	.5	2.1	1.2	1.8	.8	.2												154	154	183	131		
44/ 43	.4	2.1	1.0	.6	1.0	.4												126	126	156	143		
42/ 41	.3	1.6	1.2	.6	.8	.2												110	112	153	150		
40/ 39	.1	1.3	.7	.7	.5													77	77	137	130		
38/ 37	.1	1.1	.9	.3	.3													61	61	107	155		
36/ 35	.2	1.5	.4	.4	.1													59	60	107	133		
34/ 33	.3	1.2	.6	.1														52	54	86	152		
32/ 31	.3	1.3	.1	.0														43	45	72	105		
30/ 29	.0	.7	.1															19	19	49	84		
28/ 27		.4	.1															12	14	20	89		
26/ 25		.2																4	10	10	79		
24/ 23	.2	.1																6	6	10	57		
22/ 21																					43		
20/ 19																					22		
18/ 17																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
16/ 15																					14	
14/ 13																					3	
12/ 11																					2	
TOTAL	6,927	5,515	3,613	614	710	459	3,318	4	1										2355		2340	
																		2340		2340		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12215997	162579	69.519	9.836	2340							
Dry Bulb	6700333	122849	52.201	1.135	2355		29.7	78.0	29.1	2.2		744
Wet Bulb	5388638	110106	47.119	1.424	2340		51.2	6.7	1.9			744
Dew Point	4309169	97025	41.511	1.061	2340		163.7	3.5	1.6			744

9477 94321
 USAF AC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 0-62,74-76 YEARS NGV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75				.1														3	3					
74/ 73				.1	.1													5	5					
72/ 71				.0	.1													3	3					
70/ 69			.1	.1														5	5	4				
68/ 67			.0	.3														9	9	2	3			
66/ 65		.0	.3	.1	.0		.2		.0	.0								18	18	7	3			
64/ 63		.0	.4	.0	.1	.1	.1	.0	.0	.0								22	27	8	2			
62/ 61		.1	.3	.2	.3	.2	.1	.2	.1	.2								36	36	17	8			
60/ 59	.0	.5	.1	.1	.4	.2	.0	.1	.1									40	53	15	22			
58/ 57	.1	.6	.1	.5	.4	.3	.3	.2										64	68	30	22			
56/ 55	.4	.8	.3	.5	.5	.6	.2	.2	.2									88	92	35	36			
54/ 53	.2	.9	.6	.5	.5	.6	.3	.2										97	103	63	32			
52/ 51	.3	.5	.6	.4	1.0	.8	.8	.1										117	122	57	34			
50/ 49	.3	.8	.8	.8	.7	.8	.6	.0										125	130	81	42			
48/ 47	.2	1.3	.9	.8	1.1	1.0	.2											145	151	85	56			
46/ 45	.8	1.5	1.4	.8	1.1	.8	.1											172	174	142	84			
44/ 43	.3	1.1	1.0	1.1	.9	.5	.1											136	139	127	93			
42/ 41	.2	1.0	1.3	1.5	1.0	.2												136	139	147	60			
40/ 39	.8	1.4	1.7	1.8	1.3	.0												188	189	185	95			
38/ 37	.8	1.7	2.4	2.5	.7	.0												212	212	200	126			
36/ 35	.6	1.7	2.9	1.9	.6													202	203	201	132			
34/ 33	.8	3.1	2.8	1.1	.3													211	211	219	104			
32/ 31	1.2	2.5	2.5	.8	.1													185	185	308	189			
30/ 29	.4	2.2	2.3	.5														143	143	202	191			
28/ 27	.3	1.9	1.3	.3														102	102	176	176			
26/ 25	.1	1.9	.6	.1														71	71	134	186			
24/ 23	.0	1.5	.2															46	46	90	207			
22/ 21	.4	.6	.1															28	28	59	197			
20/ 19	.2	.3	.0															13	13	20	176			
18/ 17	.1	.0	.1															7	7	11	132			
16/ 15	.0	.1																3	3	5	95			
14/ 13																				2	52			
12/ 11	.0																	1	1	1	30			
10/ 9																					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																								

9477-54321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62,74-76
YEARS

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					24
6/ 5																					5
4/ 3																					2
TOTAL	8.7	27.8	25.4	16.9	11.1	5.9	2.9	.9	.3	.1									2686		2633
																		2633		2633	
Element (X)	Σx ²	Σx		̄x	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	13331108	180424		68.5	19.175	2633	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4825206	110330		41.1	10.452	2686		160.6	6.7	2.1			720								
Wet Bulb	3787473	96751		36.7	9.395	2633		275.6	1.6				720								
Dew Point	2755686	79656		30.3	1.463	2633		459.1	.8				720								

9477-5021

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71 USAFETAC

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

60-62,74-76

DEC
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		> 31	Dry Bulb	Wet Bulb	Dew Point
68/ 67							.0				.0	.1						4	4		
66/ 65					.0		.0				.0							3	3		
64/ 63				.0		.0	.0				.0							4	4		
62/ 61			.0		.0		.0											3	3		
60/ 59					.1	.1												4	4		
58/ 57				.0	.1	.0	.1											7	7	3	
56/ 55		.0	.1	.0	.1	.1		.0										9	9	2	1
54/ 53		.1	.1	.1	.1	.1	.0	.0										16	16	4	2
52/ 51		.2	.2	.1	.1	.0												18	18	14	4
50/ 49	.0	.1	.2	.0	.1	.0												15	15	.3	6
48/ 47	.1	.1	.3	.3	.1	.1												30	30	23	13
46/ 45	.1	.2	.3	.4	.2	.3												45	45	24	17
44/ 43	.2	.3	.4	.8	.4	.3												86	86	37	24
42/ 41	.1	.3	.9	.9	.4	.0												91	91	51	34
40/ 39	.3	.5	2.0	1.2	.5	.0												135	135	54	32
38/ 37	.3	1.2	2.2	1.4	.9	.0												177	177	100	40
36/ 35	.4	2.2	2.7	1.5	.4													214	214	173	45
34/ 33	.6	2.8	2.4	1.2	.6													225	225	198	80
32/ 31	1.2	3.3	2.5	1.6	.1													256	256	273	174
30/ 29	.8	3.5	2.3	.8	.1													224	224	280	180
28/ 27	.4	3.1	2.8	.6	.0													207	207	225	172
26/ 25	.5	2.7	2.1	.7														180	180	230	199
24/ 23	.8	3.2	1.2	.6														169	169	221	164
22/ 21	.4	1.5	1.4	.3														108	108	171	203
20/ 19	.2	2.2	1.6	.4														129	129	127	182
18/ 17	.5	2.1	1.3	.2														123	123	122	161
16/ 15	.4	1.9	.8															92	93	134	168
14/ 13	.2	1.8	.6															79	79	93	156
12/ 11	.6	1.2	.4															64	64	91	105
10/ 9	.5	1.5	.3															69	69	84	96
8/ 7	.3	1.2	.1															50	50	56	113
6/ 5	.6	1.1	.0															49	49	58	95
4/ 3	.2	.4	.0															21	21	35	74
2/ 1	.2	.3																15	15	20	72
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMAR

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DEC MONTH
PAGE 2 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po		
0/ -1	.1	.2																9	9	9	5		
-2/ -3	.1	.2																7	7	8	4		
-4/ -5		.2																7	7	5	5		
-6/ -7	.1	.1																5	5	9	4		
-8/ -9																				2	2		
-10/-11																					3		
-12/-13																					3		
-14/-15																					1		
-16/-17																					1		
-18/-19																					1		
-20/-21																							
-22/-23																							
-24/-25																							
TOTAL	10,440	8,829	4,133	3,451	4,511	1,102	1,020				.1	.1								2950		294	
																					2949		2949
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	14342669	198557		67.318	175	2949	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	2725602	83156		28.211	375	2950	7.1	470.1	1.0				74										
Wet Bulb	2219804	74828		25.410	437	2949	8.3	568.4					74										
Dew Point	1474626	52756		17.913	419	2949	85.0	668.8					74										

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

61-63

YEARS

JAN
 MONTH

PAGE 1

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

9477-54321

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC FORM JUN 71 0-26-3 (OL)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
46/ 45		.5		.5														2	2			
44/ 43		.5	.5	.5														3	3	1	1	
42/ 41	.5	1.6	1.1															6	6	3		
40/ 39			1.1	.5														3	3	5	2	
38/ 37																				3	3	
36/ 35		2.1	1.1															6	6	3	2	
34/ 33	1.1	2.7	1.6															10	10	5	5	
32/ 31	1.6	4.8	1.6															15	15	14	11	
30/ 29	1.6	4.3	1.6															14	14	12	3	
28/ 27	.5	2.1	.5															6	6	15	13	
26/ 25	.5	3.2	1.6															10	10	9	3	
24/ 23	1.1	3.2	2.1															12	12	11	12	
22/ 21		3.2	3.2															12	12	4	11	
20/ 19	1.6	4.3	2.1															15	15	15	10	
18/ 17	1.6	3.2	1.1															11	11	16	3	
16/ 15		2.1																4	4	8	11	
14/ 13		2.7																5	5	7	6	
12/ 11	1.1	3.2	.5															9	9	7	5	
10/ 9	.5	9.1	1.6															21	21	9	8	
8/ 7	.5	4.3																9	9	19	13	
6/ 5	.5	4.3																9	9	12	12	
4/ 3		1.1																2	2	5	4	
2/ 1		1.6																3	3	1	11	
0/ -1																				3	6	
-2/ -3																					3	
-4/ -5																					3	
-6/ -7																						13
-8/ -9																						1
-10/-11																						2
-12/-13																						2
-14/-15																						4
-16/-17																						3
-18/-19																						1
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs:		Mean No. of Hours with Temperature						Total									
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63

JAN

STATION

STATION NAME

YEARS

MONTH

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

0477-54321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
44/ 43		.5	1.1																	3	3	1	
42/ 41		.5																		1	1	1	1
40/ 39			2.7																	5	5	2	
38/ 27		.5	1.6	1.1																6	6	2	2
36/ 35			1.6	.5																4	4	6	
34/ 33	1.1	3.2	.5																	9	9	4	5
32/ 31	1.6	3.7	2.1																	14	14	19	7
30/ 29	1.6	2.7	1.1																	10	10	7	14
28/ 27	.5	4.3	1.1																	11	11	15	5
26/ 25	1.6	3.7	.5																	11	11	10	9
24/ 23	.5	2.7	.5																	7	7	9	10
22/ 21	1.1	1.6	.5																	6	6	8	10
20/ 19	1.6	6.4																		15	15	6	10
18/ 17	.5	5.9	2.1																	16	16	18	9
16/ 15	.5	2.1	.5																	6	6	9	4
14/ 13		2.7	.5																	6	6	8	6
12/ 11		3.7																		7	7	6	7
10/ 9		4.3	1.1																	10	10	8	10
8/ 7	2.7	5.9	.5																	17	17	16	4
6/ 5	2.1	3.2																		10	10	14	8
4/ 3	2.1																			4	4	9	11
2/ 1		3.7																		7	7	4	6
0/ -1		1.1																		2	2	5	15
-2/ -3		.5																		1	1	1	5
-4/ -5																							6
-6/ -7																							4
-8/ -9																							6
-10/-11																							8
-12/-13																							2
-14/-15																							2
-16/-17																							1
-18/-19																							1
TOTAL	17.6	62.8	18.1	1.6																188	188	198	188
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	986572	13322	70.9	15.085	188	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	99950	3780	20.1	11.317	188	1.5	79.1					93											
Wet Bulb	86849	3485	18.5	10.907	188	3.0	85.1					93											
Dew Point	62702	2214	11.8	13.996	188	24.7	89.0					93											

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

JAN
MONTH

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

0477-54321

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
46/ 45	.3																	1	1	1	1
42/ 41		.8		.5														5	5	1	1
40/ 39	.5	.5	.5	.3														7	7	5	4
38/ 37		1.1	1.6	.3														11	11	1	2
36/ 35		1.9	.8	.3														11	11	11	
34/ 33	.8	3.4	.8	.8														22	22	16	8
32/ 31	.3	1.9	.8															11	11	19	11
30/ 29	.8	2.4	1.9															19	19	15	20
28/ 27	.8	4.2	1.9															26	26	26	11
26/ 25	1.1	2.9	2.4															24	24	20	18
24/ 23	1.1	3.7	.8															21	21	24	18
22/ 21	1.3	3.2	.8															20	20	27	12
20/ 19	1.3	1.6																11	11	18	17
18/ 17	.5	3.4																15	15	11	18
16/ 15	.5	4.5	.8															22	22	18	22
14/ 13	.5	4.2	.8															21	21	19	12
12/ 11	.8	3.7																17	17	19	20
10/ 9	.8	4.0	.3															19	19	19	16
8/ 7	2.4	3.7																23	23	25	10
6/ 5	2.4	1.3																14	14	22	22
4/ 3	2.1	2.6																18	18	15	10
2/ 1	1.3	2.4																14	14	16	26
0/ -1	1.1	2.1																12	12	13	15
-2/ -3	.3	.8																4	4	5	15
-4/ -5	.8																	3	3	5	12
-6/ -7	.5																	2	2	2	17
-8/ -9																					14
-10/ -11																					3
-12/ -13	.3																	1	1	1	2
-14/ -15																					5
-16/ -17	.3	.3																2	2	2	4
-18/ -19	.5																	2	2	2	5
-20/ -21																					2
-22/ -23																					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																					

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779
 STATION

FORT DEVENS AAF MASS
 STATION NAME

61-63,74-76
 YEARS

YEARS

JAN
 MONTH

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

0477-54321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
-28/-29																					1				
-38/-39																					1				
TOTAL	23.3	60.6	14.0	2.1													378	378	378	378					
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.				Mean No. of Hours with Temperature																
Rel. Hum.	2070857	27393	72.5	15.080	378				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	184352	6909	18.3	12.411	378				6.4	79.0					93										
Wet Bulb	161111	6375	16.9	11.923	378				7.4	84.4					93										
Dew Point	119082	3976	10.5	14.316	378				24.1	89.3					93										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76
YEARS

JAN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
52/ 51		.4																		2	2		
50/ 49		.2																		1	1	3	3
48/ 47		.4	.4																	4	4		
46/ 45			.4																	2	2	2	1
44/ 43			.2																	1	1	2	1
42/ 41		.2	.4	.9	.2															8	8	2	
40/ 39		.7	1.8	1.1	.4															18	18	4	2
38/ 37	.2	1.6	1.1	.9	.2															18	18	12	5
36/ 35	.4	1.8	2.2	.9	.2															25	25	17	10
34/ 33	.7	3.4	3.1	1.1																37	37	29	11
32/ 31	.7	2.5	2.5	.7	.4															30	30	33	13
30/ 29	.4	2.0	2.5	.2																23	23	27	16
28/ 27	.9	2.7	3.8	.2																34	34	30	26
26/ 25	.4	2.5	2.0	.4																24	24	34	24
24/ 23		2.7	2.7																	24	24	24	23
22/ 21	.2	2.2	2.5	.2																23	23	23	18
20/ 19	.2	2.9	2.5																	25	25	28	17
18/ 17	.4	3.4	2.5																	28	28	28	26
16/ 15	.2	3.4	2.0																	25	25	29	23
14/ 13	.2	3.8	1.1																	23	23	26	24
12/ 11	.2	3.1	1.3																	21	21	27	28
10/ 9	.4	1.6	.7																	12	12	17	20
8/ 7	.7	2.7	.7																	18	18	17	14
6/ 5	.4	1.8																		10	10	15	21
4/ 3	.2	.7																		4	4	8	24
2/ 1		.2																		1	1	3	21
0/ -1	.2																			1	1	2	15
-2/ -3	.2	.2																		2	2	2	14
-4/ -5																							6
-6/ -7	.2																			1	1	1	12
-8/ -9																							10
-10/-11	.2																			1	1	1	6
-12/-13																							5
-14/-15																							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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-34321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

JAN
MONTH

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

9477-54321

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-16/-17																					3	
-20/-21																					1	
-28/-29																					1	
TOTAL	8.1	47.1	36.5	6.7	1.6													446		446		
																	446		446			

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2073754	29498	66.1	16.6	446							
Dry Bulb	312028	10776	24.2	10.7	446	1.0	68.8					93
Wet Bulb	258018	9704	21.8	10.2	446	1.3	78.2					93
Dew Point	165798	6182	13.9	13.4	446	15.6	86.1					93

USAF ETAC FORM 0-26.3 (OLA) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FLRT DEWENS AAF MASS STATION NAME

61-63,74-76 YEARS

JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53			.2															1	1		
52/ 51	.5	.2	.5															5	5	3	3
50/ 49		.2	.7	.9	.2													9	9	1	
48/ 47		.9																4	4	3	
46/ 45				.5	.5	.7												7	7	8	4
44/ 43	.2		.7	2.0	.9													17	17	4	3
42/ 41		.2	.7	1.6	1.6													18	18	1	4
40/ 39	.5	.9	2.7	1.1	1.6													30	30	10	4
38/ 37		1.1	.9	2.7	.5													23	23	20	7
36/ 35	.2	1.1	2.7	2.0		.7												30	30	31	4
34/ 33	.2	4.5	2.7	2.3	.2													44	44	32	7
32/ 31	.9	.7	3.4	2.7														34	34	47	26
30/ 29	.2	3.4	3.8	1.8														41	41	28	31
28/ 27	.5	2.0	2.3	2.0														30	30	47	18
26/ 25		1.6	2.9	1.8														28	28	37	22
24/ 23		1.4	1.6	1.4														19	19	26	29
22/ 21		.9	4.3	.2														24	24	24	28
20/ 19		2.0	5.2															32	32	23	25
18/ 17		2.0	3.2															23	23	39	30
16/ 15		.2	.7															4	4	27	27
14/ 13		.5	1.4															8	9	10	19
12/ 11		.5	.7															5	5	7	20
10/ 9		.9	.2															5	7	9	19
8/ 7		.2																1	1	3	17
6/ 5																				2	11
4/ 3																					17
2/ 1																					21
0/ -1																					9
-2/ -3																					14
-4/ -5																					7
-6/ -7																					5
-8/ -9																					3
-10/-11																					6
-12/-13																					1
Element (X)	Σx²		Σx		Σ	Σx	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS JAN MONTH
 PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
-18/-19																					
TOTAL	3.2	25.6	41.4	23.1	5.4	1.4												445		442	
																		442		442	
Element (X)	Σ x ²		Σ x		̄x	σ _x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1724073		26505		60.0	17.475	442		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	444933		13443		30.2	9.352	445			55.7					92						
Wet Bulb	349232		11806		26.7	8.766	442			69.2					93						
Dew Point	202845		7637		17.3	2.679	442		9.7	85.4					93						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

61-63,74-76
 YEARS

JAN
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
56/ 55				.5														2	2		
54/ 53				.2														1	1		
52/ 51	.2			.2														2	2	2	1
50/ 49	.5			.2														3	3	3	2
48/ 47	.5	.2	.5	.2	.5													8	8	4	3
46/ 45	.2	.5		.2				.2										5	5	4	3
44/ 43		.2	1.0	1.0	.2													10	11	3	1
42/ 41		.7	.7	1.7	1.2													18	18	5	5
40/ 39		.7	2.2	2.6	.5													25	25	10	4
38/ 37		.7	1.7	2.6	.2													22	22	11	5
36/ 35		1.2	2.6	2.4	.2	.2												28	28	23	3
34/ 33	1.2	3.6	2.6	2.2														40	40	42	6
32/ 31		1.4	3.8	2.9	.7													37	37	31	24
30/ 29	.2	3.4	4.1	2.4														42	42	30	16
28/ 27	.2	2.4	2.9	2.2	.5													34	34	48	18
26/ 25		1.2	2.4	1.0														19	19	33	28
24/ 23		1.4	3.4	1.0														24	24	30	37
22/ 21		1.0	3.1	.5														19	19	22	28
20/ 19		1.0	7.0															33	33	23	23
18/ 17		1.0	2.6															15	15	26	17
16/ 15		.7	1.4															9	9	29	17
14/ 13		1.4	.7															9	9	12	19
12/ 11	.2	.7	1.0															8	8	13	21
10/ 9			.2															1	1	7	22
8/ 7		.5																2	2	2	22
6/ 5		.2																1	1	3	15
4/ 3																				1	15
2/ 1																					11
0/ -1																					15
-2/ -3																					8
-4/ -5																					6
-6/ -7																					3
-8/ -9																					6
-10/-11																					5
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

61-63, 74-76
 YEARS

JAN
 MONTH

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

9477-54321

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
-12/-13																													
-14/-15																													
-26/-27																													
TOTAL	3.4	24.2	43.9	24.0	4.1	.5																				418		417	
																									417		417		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1615249	24915	59.7	17.447	417							
Dry Bulb	408938	12496	29.9	9.210	418		56.3					9
Wet Bulb	321469	10971	26.3	8.883	417		69.1					9
Dew Point	189113	6973	16.7	13.203	417	11.4	85.6					9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME

51-63,74-76 YEARS

JAN MONTH

PAGE 1 1800-20 HOURS (L. S. T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P		
54/ 53			.3															1	1				
52/ 51		.3																1	1				
50/ 49	.3																	1	1		3		
48/ 47	.3																	1	1		1		
46/ 45		.9																3	3				
44/ 43				.3														1	1		3		
42/ 41		.9	1.5	.6														10	10		2		
40/ 39		.3	1.2	.6														7	7		2		
38/ 37	.6	1.2	1.2	.3	.3													12	12		9		
36/ 35		2.1	2.4	2.7														24	24		11		
34/ 33	.9	1.5	2.4	.9	.3													20	20		18		
32/ 31		1.5	3.5	.6														19	19		14		
30/ 29	.3	5.9	2.9	.9	.3													35	35		27		
28/ 27	.3	2.1	1.8	.9	.3													18	18		33		
26/ 25	.3	3.5	1.8	1.8														25	25		21		
24/ 23		2.9	4.4	.3														26	26		23		
22/ 21	.3	3.8	1.8															20	20		20		
20/ 19		2.4	3.8															21	21		35		
18/ 17		3.2	2.7	.3														21	21		18		
16/ 15		4.7	2.4															24	24		22		
14/ 13		2.7	2.7															18	18		25		
12/ 11	.6	1.2	.9															9	9		19		
10/ 9	.3	1.8	.6															9	9		12		
8/ 7	.3	1.2																5	5		10		
6/ 5		1.5																5	5		3		
4/ 3		.9																3	3		6		
2/ 1																					2		
0/ -1																							
-2/ -3																							
-4/ -5																							
-6/ -7																							
-8/ -9																							
-10/-11																							
-12/-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																							

9477-54921
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76
YEARS

JAN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54/ 53			.3															1	1		
52/ 51		.3																1	1		
50/ 49	.3																	1	1	3	2
48/ 47	.3																	1	1	1	1
46/ 45		.9																3	3		1
44/ 43				.3														1	1	3	
42/ 41		.9	1.5	.6														10	10	2	3
40/ 39		.3	1.2	.6														7	7	2	2
38/ 37	.6	1.2	1.2	.3	.3													12	12	9	2
36/ 35		2.1	2.4	2.7														24	24	11	3
34/ 33	.9	1.5	2.4	.9	.3													20	20	18	6
32/ 31		1.5	3.5	.6														19	19	14	11
30/ 29	.3	5.9	2.9	.9	.3													35	35	27	15
28/ 27	.3	2.1	1.8	.9	.3													18	18	33	12
26/ 25	.3	3.5	1.8	1.8														25	25	21	20
24/ 23		2.9	4.4	.3														26	26	23	21
22/ 21	.3	3.8	1.8															20	20	20	17
20/ 19		2.4	3.8															21	21	35	18
18/ 17		3.2	2.7	.3														21	21	18	14
16/ 15		4.7	2.4															24	24	22	14
14/ 13		2.7	2.7															18	18	25	11
12/ 11	.6	1.2	.9															9	9	19	20
10/ 9	.3	1.8	.6															9	9	12	18
8/ 7	.3	1.2																5	5	10	16
6/ 5		1.5																5	5	3	23
4/ 3		.9																3	3	6	13
2/ 1																				2	18
0/ -1																					15
-2/ -3																					9
-4/ -5																					9
-6/ -7																					10
-8/ -9																					1
-10/ -11																					5
-12/ -13																					6
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																					

9477-94321

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

JAN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15																					2
TOTAL	4.4	46.3	38.1	10.0	1.2													339		338	
																	339		339		
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1449631	21437	63.2	16.680	339	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	242812	8476	25.0	9.559	339		70.8					93									
Wet Bulb	199127	7589	22.4	9.300	339		79.6					93									
Dew Point	120953	4627	13.7	13.075	338	15.7	87.5					93									

9477-54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-63 YEARS PAGE 1 JAN MONTH 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
48/ 47			.4															1	1		
46/ 45		.8	.8															4	4	1	
44/ 43		.4																1	1	2	
42/ 41		.4																1	1	3	3
40/ 39	.8	.4	.8															5	5	3	4
38/ 37			.8															2	2	1	1
36/ 35	.4	2.4	2.6	1.2														17	17	7	1
34/ 33	2.8	1.6	2.0	.4														17	17	17	11
32/ 31	.4	2.4	1.6	.4														12	12	9	6
30/ 29		5.2	2.0															18	18	15	5
28/ 27	.8	3.6	.4															12	12	22	14
26/ 25	.4	2.4	1.6															11	11	14	15
24/ 23		3.2	2.0	.4														14	14	5	14
22/ 21		4.8	.8	.4														15	15	13	13
20/ 19	.4	4.0	2.4															17	17	16	6
18/ 17		5.2	1.2															16	16	17	8
16/ 15	.4	6.3	1.6															21	21	22	5
14/ 13	1.2	2.8	2.0															15	15	18	7
12/ 11	.4	4.8	.8															15	15	14	19
10/ 9	.4	5.2	.4															15	15	16	17
8/ 7	.4	2.4																7	7	15	5
6/ 5		2.4																6	6	10	23
4/ 3		1.2																3	3	3	5
2/ 1		1.6																4	4	4	8
0/ -1		.4																1	1	3	12
-2/ -3		.4																1	1	1	10
-4/ -5																					12
-6/ -7	.4																	1	1	1	8
-8/ -9																					6
-10/ -11																					5
-12/ -13																					8
-14/ -15																					1
TOTAL	9.163	3.924	2.2	2.8														252	252	252	252
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1218592	17044	67.6	16.194	252	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	146662	5474	21.7	10.516	252	1.1	75.3					93									
Wet Bulb	125698	4996	19.8	10.304	252	1.3	80.5					93									
Dew Point	85794	3068	12.2	13.892	252	22.9	85.6					93									

9477-54921
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

62-63

YEARS

FEB
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43				.6														1	1		
42/ 41				.6														1	1		
40/ 39		.6		.6														2	2		
38/ 37				.6														1	1	2	
36/ 35			1.2															2	2	1	
34/ 33	1.2	5.4	2.4															15	15	9	3
32/ 31	2.4	3.0																9	9	10	14
30/ 29	1.8	4.2																10	10	16	3
28/ 27	1.8	1.2	1.2															7	7	6	8
26/ 25	1.8	2.4	3.0															12	12	6	10
24/ 23	1.8	2.4	3.0															12	12	9	9
22/ 21	.6	1.8																4	4	11	9
20/ 19		4.8	3.6															14	14	11	1
18/ 17		5.4	.6															10	10	6	4
16/ 15	1.2	3.0																7	7	16	8
14/ 13	1.8	3.0	.6															9	9	7	5
12/ 11		3.0																5	5	7	12
10/ 9		3.6	.6															7	7	5	7
8/ 7		1.2																2	2	6	9
6/ 5	.6	8.9																16	16	6	6
4/ 3	.6	1.2																3	3	13	2
2/ 1		3.0																5	5	4	5
0/ -1	.6	4.2																8	8	8	7
-2/ -3		1.2																2	2	5	3
-4/ -5	1.2	.6																3	3	2	5
-6/ -7																				1	6
-8/ -9	.6																	1	1	1	6
-10/-11																					6
-12/-13																					5
-14/-15																					8
-16/-17																					5
-18/-19																					2
TOTAL	17.9	63.7	16.1	2.4														168	168	168	168
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	859525	11631	69.2	18.030	168	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	80975	3125	18.6	11.696	168	7.0	73.0					84									
Wet Bulb	70714	2862	17.0	11.467	168	8.5	78.0					84									
Dew Point	54924	1622	9.7	5.333	168	26.5	82.5					84									

9477-5432
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
42/ 41				.6													1	1		
40/ 39				.6													1	1		
38/ 37	.6		1.2														3	3	1	1
36/ 35		2.4	1.2														6	6	5	
34/ 33	1.8	2.9	1.2														10	10	8	6
32/ 31	2.9	1.8	1.2														10	10	12	9
30/ 29		1.8															3	3	6	5
28/ 27	2.4	2.9															9	9	8	9
26/ 25	.6	3.5	1.8														10	10	6	8
24/ 23	1.8	4.7	1.2														13	13	10	7
22/ 21	2.4	4.1	2.9														16	16	18	7
20/ 19	.6	1.8	1.2														6	6	7	6
18/ 17		1.8															3	3	6	9
16/ 15	.6	3.5															7	7	8	4
14/ 13	2.9	4.7															13	13	9	1
12/ 11		.6															1	1	8	7
10/ 9	.6	4.1															8	8	3	14
8/ 7	.6	1.2															3	3	7	10
6/ 5	1.2	1.8															5	5	4	2
4/ 3	1.2	5.3	.6														12	12	5	4
2/ 1	2.4	4.7															12	12	16	8
0/ -1	1.2	2.4															6	6	10	4
-2/ -3																			1	3
-4/ -5	1.2	1.2															4	4	4	8
-6/ -7	1.2																2	2	2	1
-8/ -9	.6																1	1	1	3
-10/-11	.6	.6															2	2	2	7
-12/-13	.6	.6															2	2	1	8
-14/-15		.6															1	1	1	6
-16/-17																			1	4
-18/-19																				5
-20/-21																				1
-32/-33																				1
-34/-35																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

9477 54321

USAETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29		30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
54/ 53							.5												2	2		
48/ 47				.2	.2														2	2		
44/ 43				.5															2	2	2	
42/ 41				.2															1	1	1	
40/ 39		1.0	1.0	.2	.2														10	10	1	
38/ 37	1.0	2.0	.7																15	15	17	6
36/ 35	1.0	2.7	1.7																22	22	12	10
34/ 33	1.5	3.2	2.2	.2															29	29	26	12
32/ 31	2.0	2.0	2.7	.2															28	28	29	25
30/ 29		2.7	.5	.7															16	16	17	16
28/ 27	.5	2.0	1.2	.5															17	17	20	12
26/ 25	1.0	2.9	2.2																25	25	18	16
24/ 23	1.5	3.2	1.0																23	23	29	23
22/ 21	1.2	4.2	.5																24	24	28	24
20/ 19	.7	3.4	.7																20	20	19	16
18/ 17	.7	3.9	.5																21	21	24	23
16/ 15	.2	5.4	.7																26	26	21	16
14/ 13	1.0	2.0																	12	12	25	14
12/ 11	.5	1.5																	8	8	10	19
10/ 9	1.2	2.5																	15	15	11	20
8/ 7	.7	2.7																	14	14	12	22
6/ 5	.2	1.5																	7	7	14	16
4/ 3	1.7	2.0																	15	15	14	15
2/ 1	.5	2.7																	13	13	10	11
0/ -1	1.5	1.2																	11	11	16	12
-2/ -3	1.0	.2																	5	5	7	4
-4/ -5	.2	.7																	4	4	2	11
-6/ -7	.5	.7																	5	5	6	11
-8/ -9	.7	.5																	5	5	4	7
-10/ -11	.2	.2																	2	2	4	8
-12/ -13	.7	.2																	4	4	4	7
-14/ -15	.2	.2																	2	2	2	6
-16/ -17	.2	.2																	2	2	1	8
-18/ -19																			2	2	1	3
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$												
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63, 74-76

FEB
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-20/-21																						4		
-22/-23																							3	
-24/-25																							1	
-26/-27																							1	
-28/-29																							2	
-30/-31																							1	
-36/-37																							1	
-40/-41																							1	
TOTAL	22.6	57.7	15.7	2.9	.5		.5											407	407	407	407			
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	2257034	29610	72.8	15.9	407	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	235678	8082	19.9	13.6	407	8.3	66.9																84	
Wet Bulb	205159	7455	18.3	12.9	407	9.7	71.8																84	
Dew Point	159788	4918	12.1	15.7	407	18.8	78.2																84	

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USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
62/ 61									.2									1	1		
58/ 57		.2									.2							2	2		
56/ 55		.2						.2										2	2	1	
54/ 53								.4										2	2	2	
52/ 51							.2											1	1		
50/ 49						.4												2	2		
48/ 47			.2	.2	1.1	.2												8	8		
46/ 45		.2	.4	.4	.2													6	6	2	
44/ 43			.7	.7	.7													9	9	1	
42/ 41	.2	.2	1.3	.7	.4	.2												14	14	1	
40/ 39		1.3	1.1	3.1	.7	.2												29	29	1	
38/ 37	1.1	.7	2.6	.9	.2													25	25	9	
36/ 35	.2	1.7	2.6	1.3	.2													28	28	10	
34/ 33	1.1	3.5	1.3	1.3														33	33	20	
32/ 31	1.1	1.5	2.0	1.5	.7													31	31	20	
30/ 29		1.5	2.8	1.5	.4													29	29	25	
28/ 27	.7	2.0	.9	1.1														21	21	32	
26/ 25	.2	3.1	3.1	.9														33	33	17	
24/ 23	1.5	2.0	2.6	.2														29	29	25	
22/ 21		3.5	2.8	.9														33	33	20	
20/ 19	.2	2.6	2.8	.2														27	27	27	
18/ 17	.4	2.6	1.7															22	22	28	
16/ 15	.2	1.5	1.5															15	15	20	
14/ 13	.2	1.1	1.1															11	11	21	
12/ 11	.2	1.1	1.3															12	12	22	
10/ 9		.9	.9															8	8	28	
8/ 7	.4	1.3	.2															9	9	20	
6/ 5	.2	.7	.2															5	5	20	
4/ 3	.4	.7																5	5	18	
2/ 1	.2	.4																3	3	12	
0/ -1	.2	.2																2	2	4	
-2/ -3		.2																1	1	9	
-4/ -5																			1	1	9
-6/ -7																		1	1	7	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

21-63,74-76
YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-8/-9																					12		
-10/-11																					5		
-12/-13																					2		
-14/-15																					5		
-16/-17																					2		
-18/-19																					2		
-20/-21																					1		
-22/-23																					1		
-32/-33																					1		
TOTAL	9.2	34.9	34.2	14.8	5.0	.9	.7	.2	.2									459		459			
																		459		459			

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2026700	29264	63.8	18.746	459							
Dry Bulb	403530	12596	27.4	11.240	459	.7	54.4					84
Wet Bulb	321418	11196	24.4	10.272	459	1.1	63.5					84
Dew Point	200267	7265	15.8	13.645	459	11.0	75.9					84

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USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

51-63,74-76

FEB
MONTH

STATION

STATION NAME

YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65								.2	.2									2	2			
62/ 61								.2										1	1			
60/ 59								.4										2	2			
58/ 57								.2	.4									3	3			
56/ 55								.2										1	1			
54/ 53				.4														2	2			
52/ 51				.2	.4	.7	.2	.2										8	8			
50/ 49		.9	.2	.4	1.1	.4	.2											15	15	4	1	
48/ 47		.2	.4	.7	1.3	1.1												17	17	5	1	
46/ 45			.2	1.5	.4	.4												12	12	8	2	
44/ 43		.2	.2	.4	2.0	.7												16	16	9	2	
42/ 41		1.1	2.4	1.5	.7	.7												29	29	16	2	
40/ 39	.7	.7	2.4	1.1	2.0													31	31	25	7	
38/ 37	.4	1.5	1.3	1.1	1.1	.2												26	26	27	8	
36/ 35	.9	2.4	.9	2.2	1.5	.2												37	37	45	16	
34/ 33	1.3	1.7	.7	2.0	1.3													32	32	37	21	
32/ 31	.2	1.3	.9	2.0	1.1													25	25	22	26	
30/ 29	.4	2.2	1.3	3.1														32	32	30	34	
28/ 27	.2	2.4	2.0	3.3	.2													37	37	31	26	
26/ 25	.7	.9	2.4	2.2														28	28	37	26	
24/ 23	.9	1.7	3.3	.7														30	30	32	20	
22/ 21	.4	1.7	2.6	.4														24	24	40	22	
20/ 19	.2	2.0	1.7	.2														19	19	33	24	
18/ 17	.2	.7	.9	.2														9	9	21	31	
16/ 15		.9	.9															8	8	11	17	
14/ 13		.4	1.1															7	7	10	26	
12/ 11																				7	19	
10/ 9		.4	.2															3	3	4	18	
8/ 7		.2	.2															2	2	2	24	
6/ 5																				2	26	
4/ 3		.2																1	1		8	
2/ 1																				1	12	
0/ -1																					9	
-2/ -3																					7	
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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS FER MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
68/ 67									.5								2	2		
62/ 61							.2										1	1		
60/ 59								.2									1	1		
58/ 57					.2			.2	.5								4	4		
56/ 55			.2		.7			.2	.2								6	6		
54/ 53				.5	.2	1.2											8	8		
52/ 51				.2	.7	.7	1.2										12	12	2	
50/ 49		.5			.7	.7											8	8	3	
48/ 47		.2				.7	.2										5	5	8 1	
46/ 45				.7	2.5	.9											16	16	4 3	
44/ 43		.2	1.6	.9	1.4	.2											19	19	12 1	
42/ 41		.7	2.8	.9	1.8	.5											29	29	10 3	
40/ 39	.5	.5	1.2	2.8	2.1												30	30	25 5	
38/ 37	.2	1.8	1.4	.9	.7	.9											26	26	31 7	
36/ 35	.5	3.0	1.6	3.2	1.2												41	41	36 12	
34/ 33	1.4	1.2	1.4	1.2	1.4												28	28	45 22	
32/ 31	.9	1.4	1.8	2.5	1.2												34	34	30 37	
30/ 29	.7	.7	2.1	3.5	.5												32	32	31 24	
28/ 27	.5	.9	.5	2.1	.2												18	18	24 19	
26/ 25	.2	1.8	2.3	1.8													27	27	36 28	
24/ 23	.9	1.2	3.0	.9													26	26	31 24	
22/ 21	.7	1.4	2.5														20	20	29 30	
20/ 19		.2	2.1														10	10	29 25	
18/ 17	.2	.9	2.8														17	17	15 30	
16/ 15		1.2	.7														8	8	12 12	
14/ 13																			12 19	
12/ 11		.2															1	1	3 16	
10/ 9		.5															2	2	1 17	
8/ 7		.2	.2														2	2	2 22	
6/ 5		.2															1	1	2 15	
4/ 3																			1 23	
2/ 1																			10	
0/ -1																			7	
-2/ -3																			2	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

9477 54321

JSAFETAC FORM JUN 71 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
-4/-5																												4	
-6/-7																													6
-8/-9																													1
-10/-11																													3
-12/-13																													3
-16/-17																													1
TOTAL	6.7	18.9	28.1	21.7	15.4	5.8	1.8	.9	.2	.5																		434	
																													434
																													434
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																		
Rel. Hum.	1601136		24892		57.420		0.015		434		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	547153		14721		33.910		0.510		434			38.3	.4				84												
Wet Bulb	407177		12717		29.3		8.932		434			49.9					84												
Dew Point	222776		8298		19.112		0.169		434		5.2	73.5					84												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENIS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
58/ 57					.3													1	1	
54/ 53								.3										1	1	
52/ 51						.6												3	3	
50/ 49				.3	.3	.3												3	3	1
48/ 47			.3		.9	.6												6	6	
46/ 45			.3	.3	1.5	.6												9	9	1
44/ 43			.3	.3	.6													4	4	2
42/ 41		.3	1.2	1.5	.3													11	11	4
40/ 39		.9	.9	1.2	.6													12	12	10
38/ 37	.9	.6	2.1	2.1	.9													22	22	17
36/ 35	.9	1.2	.9	2.1	.3													18	18	18
34/ 33	1.2	4.8	2.4	1.5	.3													34	34	22
32/ 31	2.1	1.2	2.1	1.2	.3													23	23	42
30/ 29	1.5	1.2	3.3	1.2	.9													27	27	20
28/ 27	.3	3.3	3.6	.6														26	26	23
26/ 25	.3	1.2	2.4	2.7														22	22	25
24/ 23	.6	1.8	2.7	2.1														24	24	22
22/ 21	.6	1.5	2.4	.3														16	16	26
20/ 19	1.5	.9	2.1															15	15	26
18/ 17	.3	1.2	2.1															12	12	12
16/ 15		1.5	1.2															9	9	17
14/ 13	.3	1.2	.6															7	7	9
12/ 11		2.7	.6															11	11	8
10/ 9		1.2																4	4	11
8/ 7		.9																3	3	5
6/ 5		.9	.3															4	4	2
4/ 3		.3																1	1	4
2/ 1		.6																2	2	1
0/ -1																				2
-2/ -3																				
-4/ -5																				7
-6/ -7																				8
-8/ -9																				4
-10/-11																				2
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

FEB
MONTH

PAGE 2 1800-200.
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po.									
-12/-13																														
-14/-15																														
-16/-17																														
TOTAL	10.6	29.7	32.1	17.6	7.3	2.1		.6																			330	330		330
																											330		330	
Element (X)	$\sum x^2$		$\sum x$		\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total																
Rel. Hum.	1384625		20347		61.7	19.884	330	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	8																
Dry Bulb	306052		9470		28.7	10.209	330		52.4					8																
Wet Bulb	240289		8369		25.4	9.233	330	.5	64.9					8																
Dew Point	141576		5318		16.1	3.032	330	12.7	78.9					8																

USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63,76

YEARS

FEB
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
46/ 45					.4													1	1		
44/ 43		.9																2	2		
42/ 41		.4																1	1	2	
40/ 39			1.3	.4														4	4	1	2
38/ 37		.4	.9	.9														5	5	1	
36/ 35	.9	.9	3.9	.4														14	14	6	4
34/ 33	4.8	3.5	.9	.4														22	22	20	5
32/ 31	1.7	3.1	2.2															16	16	20	17
30/ 29	1.7	1.7	4.4															18	18	17	8
28/ 27	.4	3.1	1.7															12	12	12	12
26/ 25	.4	2.6	4.4	.4														18	18	19	11
24/ 23	1.7	2.2	3.1															16	16	12	18
22/ 21	.4	2.6	2.6	.4														14	14	16	9
20/ 19	.9	3.1	3.5															17	17	22	12
18/ 17	.9	2.6																8	8	10	4
16/ 15	.9	1.3	.9															7	7	12	16
14/ 13		1.3	2.2															8	8	3	10
12/ 11	.9	2.2	1.7															11	11	10	6
10/ 9		1.3	.9															5	5	10	12
8/ 7		4.8																11	11	5	12
6/ 5		2.2																5	5	12	5
4/ 3		1.7																4	4	6	10
2/ 1	.4	1.7																5	5	6	2
0/ -1		1.3																3	3	3	2
-2/ -3		.4																1	1	2	1
-4/ -5		.4																1	1	2	8
-6/ -7																					7
-8/ -9																					8
-10/-11																					15
-12/-13																					5
-14/-15																					5
-16/-17																					3
TOTAL	16.2	45.9	34.5	3.1	.4													229	229	229	229
Element (X)	Σx^2	Σx	\bar{x}	e_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	1106867	15303	66.8	19.222	229	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	145235	5235	22.9	10.588	229	1.8	66.0					84									
Wet Bulb	123765	4763	20.8	10.408	229	2.6	73.0					84									
Dew Point	87828	2924	12.8	14.882	229	19.8	80.0					84									

9477-54321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

62-63

MAR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55				.5														1	1		
54/ 53				.5	1.1													3	3		
52/ 51		1.1	.5	.5	.5	.5												6	6	2	1
50/ 49	.5				.5													2	2	3	2
48/ 47		.5	.5															2	2	2	
46/ 45				.5														1	1	3	1
44/ 43						1.1												2	2	3	3
42/ 41			.5		.5													2	2	1	1
40/ 39		1.1	.5															3	3	1	2
38/ 37	1.1	2.2	1.1	.5														9	9	8	1
36/ 35	1.1	3.2	5.4	1.1	.5													21	21	5	7
34/ 33	2.2	7.0	6.5	1.1														31	31	20	12
32/ 31	3.2	7.5	4.8	1.1														31	31	32	11
30/ 29	2.2	2.7	3.2	1.1														17	17	31	16
28/ 27	.5	.5	5.9	.5														14	14	15	21
26/ 25		5.9	2.7															16	16	17	19
24/ 23	.5	3.8																8	8	19	8
22/ 21	1.1		.5															3	3	9	17
20/ 19		1.1																2	2	1	10
18/ 17		1.6																3	3	2	14
16/ 15																				3	11
14/ 13		.5	.5															2	2	1	5
12/ 11		.5	.5															2	2	1	10
10/ 9		1.1																2	2	3	4
8/ 7		1.1	.5															3	3	1	2
6/ 5																				3	
4/ 3																					1
-2/ -3																					2
-8/ -9																					2
-12/-13																					1
-14/-15																					2
TOTAL	12.4	41.4	33.9	7.5	3.2	1.6														186	186
																				186	186
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	1047471	13617	73.2	16.534	186	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	200417	5889	31.7	8.688	186		51.5					93									
Wet Bulb	169979	5419	29.1	8.087	186		69.0					93									
Dew Point	123919	4369	23.5	10.729	186	3.5	78.0					93									

9477-54321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENES AAF MASS
 STATION STATION NAME

62-63
 YEARS

MAR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
52/ 51	1.1																	2	2	2	1
50/ 49	.5		1.1	.5														4	4	1	2
48/ 47		1.1		1.1														4	4	1	
46/ 45		.5		.5														2	2	3	
44/ 43		.5		.5														2	2	2	3
42/ 41			1.6	.5	.5													5	5	3	2
40/ 39					1.1													2	2	1	1
38/ 37	1.6	2.2																7	7	7	1
36/ 35		1.6	4.3	1.6														14	14	5	5
34/ 33	1.6	7.5	3.8	1.1														26	26	15	7
32/ 31	3.2	10.2	.5	1.6														29	29	32	20
30/ 29	2.2	5.4	4.8	1.1														25	25	31	18
28/ 27	1.6	1.1	1.6	.5														9	9	12	14
26/ 25	1.1	2.7	2.7															12	12	17	16
24/ 23	.5	3.2	1.6															10	10	9	15
22/ 21		4.3																8	8	14	9
20/ 19	.5	3.2																7	7	10	9
18/ 17	.5	1.1																3	3	5	12
16/ 15	1.6	1.1																5	5	4	17
14/ 13	.5	1.1																3	3	5	9
12/ 11	.5																	1	1	1	7
10/ 9		.5																1	1		7
8/ 7		1.6																3	3	1	4
6/ 5		1.1																2	2	3	1
4/ 3																				2	
-2/ -3																					2
-4/ -5																					1
-10/-11																					1
-12/-13																					2
TOTAL	17.25	0.022	0	9.1	1.6														186		186
																		186			
Element (X)	Σx'	Σx	X	σx	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1127486	14200	76.3	15.316	186	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	180323	5557	29.9	8.792	186		59.0					93									
Wet Bulb	156683	5173	27.8	8.322	186		73.0					93									
Dew Point	117632	4258	22.9	10.438	186	3.0	82.0					93									

USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63, 74-76

MAR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
66/ 65					.2															1	1		
62/ 61					.4															2	2		
58/ 57																						1	
56/ 55						.2														1	1		
54/ 53			.2																	1	1	2	
52/ 51		.4	.6	.2																6	6		
50/ 49		.6	.2	.4	.2															7	7	5 1	
48/ 47	.2	.2			.4	.2														4	4	5 7	
46/ 45		.4	.2	1.0	.2	.4														11	11	5 3	
44/ 43		.6		1.0	.2	.2														10	10	5 4	
42/ 41		.4	1.0	.4	.6															12	12	4 3	
40/ 39		.8	2.0	1.4	.6															24	24	12 6	
38/ 37	.4	1.8	1.6	1.8	.4															30	30	17 4	
36/ 35	.6	2.4	2.0	1.8	.2															35	35	28 13	
34/ 33	1.2	5.5	2.8	.8	.2															52	52	52 17	
32/ 31	2.6	5.1	1.2	2.2	.2															56	56	59 42	
30/ 29	.8	4.9	2.0	.8																42	42	49 40	
28/ 27	.4	2.6	2.8	1.0																34	34	37 38	
26/ 25	.4	3.9	3.7	.4																41	41	39 40	
24/ 23	.4	3.0	1.4																	24	24	34 24	
22/ 21	.6	1.6	1.4																	18	18	38 25	
20/ 19	.2	4.7	1.2																	30	30	19 29	
18/ 17	.8	1.4	.8																	15	15	32 32	
16/ 15	.2	2.4	.2																	14	14	15 22	
14/ 13		.6	.6																	6	6	11 35	
12/ 11	.2	.8	.4																	7	7	8 33	
10/ 9	.2	.4																		3	3	6 17	
8/ 7		.4																		2	2	3 17	
6/ 5	.2	.6																		4	4	4 10	
4/ 3																						2 8	
2/ 1																						4	
0/ -1																						3	
-2/ -3																						3	
-4/ -5																						4	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

5477 5432

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-63,74-76 YEARS MAR MONTH

PAGE 2 0600-0800 HOUR* (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					4
-8/ -9																					2
-10/-11																					2
TOTAL	9.6	45.7	26.6	13.4	3.9	.8											492	492	492	492	
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	2619695		34979		71.1		16.449		492		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	492114		14856		30.2		9.416		492			56.0					93				
Wet Bulb	410715		13557		27.6		8.712		492			57.3					93				
Dew Point	283593		10499		21.3		1.073		492		3.4	82.0					93				

9477-94-021

USAFAETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT JEVEN'S AAF MASS

61-63,74-76

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
70/ 69								.2										1	1			
68/ 67								.4										2	2			
66/ 65					.2													1	1			
62/ 61				.2	.2	.4	.4	.4	.2									9	9			
60/ 59				.4	.4			.2										5	5			
58/ 57			.2	.2	.2	.2		.2										5	5	1		
56/ 55			.2	.6	.4	.4	1.2	.4										16	16	2		
54/ 53			.4	.6	.2	.2	.2	.4										10	10	6		
52/ 51		.2	.4	.6	.6	.4	.6											14	14	7	4	
50/ 49		.2			1.4	.2	.2											10	10	10	2	
48/ 47					.8	1.2	.4											12	12	11	6	
46/ 45		.4	1.0	1.6	1.0	1.6												28	28	9	5	
44/ 43	.2	.4	.4	1.6	2.7	.6												30	30	14	6	
42/ 41		1.0	1.4	2.2	2.5	1.6												44	44	22	5	
40/ 39	.2	.4	1.8	2.5	2.3	.2												38	38	30	13	
38/ 37	.2		2.3	3.9	1.6	.2												42	42	31	11	
36/ 35	.8	1.8	2.5	2.7	1.6	.2												49	49	55	14	
34/ 33	1.2	3.1	1.4	1.8	1.6													46	46	58	20	
32/ 31	2.0	1.4	2.0	1.8	1.2													42	42	68	46	
30/ 29		1.6	2.3	2.2	.4													33	33	37	40	
28/ 27		.8	1.8	2.2	.2													25	25	41	33	
26/ 25		.8	.8	.8														12	12	28	33	
24/ 23	.2	.8	1.2	.2														12	12	28	36	
22/ 21		1.0	.8	.4														11	11	21	35	
20/ 19		.8	.4	.2														7	7	15	31	
18/ 17			.2	.2														2	2	6	25	
16/ 15		.2	.4															3	3	4	32	
14/ 13			.2															1	1	3	26	
12/ 11																				2	25	
10/ 9			.2															1	1	1	15	
8/ 7																					14	
6/ 5																				1	7	
4/ 3																					7	
2/ 1																					1	
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

0477-54321
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC FORM JUN 71 0-26-3 (OL A)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT JEVENS AAF MASS

01-63, 74-76

MAR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75										.2	.2							2	2		
74/ 73									.2									1	1		
72/ 71									.2									1	1		
70/ 69						.2		.2	.2	.4								5	5		
68/ 67					.2	.2		.2	.4	.4	.4							9	9		
66/ 65				.2	.6	.2	.2	.2	.4	.4								9	9		
64/ 63				.2		.2	.2	.2	.4	.2								7	7		
62/ 61				.4	.4	.2		.4	.4									10	10	1	
60/ 59			.2		.2		.6	.6										8	8	4	
58/ 57				.2	.4	.2	.4	.4	.2									9	9	5	
56/ 55			.2	.2	.2	.8	.4	.6										12	12	5	1
54/ 53			.2		.6	.6	.6											10	11	11	5
52/ 51	.4	.6	.4		1.2	1.8	1.6											24	24	8	4
50/ 49					1.2	1.4	1.2											19	19	15	2
48/ 47		.6	.6	.2	1.0	3.1	.4											30	30	14	9
46/ 45			.6	1.0	2.7	2.7	1.2											42	42	18	3
44/ 43		.4	.6	1.8	3.3	2.3	.6											46	46	13	5
42/ 41		.4	.6	2.0	2.0	2.1												36	36	28	9
40/ 39		1.0	2.5	3.1	2.3	.6												49	49	35	10
38/ 37	.2	.6	1.2	2.5	1.0	1.6												36	36	56	9
36/ 35	.8	1.2	1.6	1.2	1.0	1.0												34	34		21
34/ 33	1.0	1.8	1.2	1.2	1.0													31	31	59	22
32/ 31	1.2	1.2	1.4	1.2	1.8													34	34	45	38
30/ 29	.2	.6	1.0	1.6	.4													19	19	34	33
28/ 27	.2		.6	1.4														11	11	23	45
26/ 25		.2	.8	.4														7	7	28	42
24/ 23				.4														2	2	13	43
22/ 21		1.2																6	6	12	40
20/ 19			.2	.2														2	2	7	25
18/ 17																				1	20
16/ 15		.2																1	1	2	32
14/ 13																				1	21
12/ 11																					13
10/ 9																					12
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477-54321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVEIS AAF MASS 63-74-76 MAR
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					17
6/ 5																					12
4/ 3																					8
2/ 1																					5
0/ -1																					3
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	3.5	9.6	13.9	19.5	20.3	19.1	7.2	2.0	2.5	1.2	1.0	.2						512	513	512	512
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	1534286		26148		51.1		19.729		512		≤ 0 F	≤ 22 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	1005013		22033		42.9		10.708		513			14.9	3.3	.5			93				
Wet Bulb	698130		18412		36.0		8.395		512			30.2					93				
Dew Point	366029		12461		24.3		1.082		512		1.1	74.8					93				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63,74-76

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77												.2						1	1		
76/ 75												.2						1	1		
74/ 73						.2												1	1		
72/ 71									.2									1	1		
70/ 69							.2	.2	.4	.6								7	7		
68/ 67					.2	.6	.4	.4	.2									9	9		
66/ 65					.6		.2	.2	.4									7	7		
64/ 63						.2		.2	.6									6	6	1	
62/ 61				.2			1.1	.6	.4									11	11		
60/ 59		.2	.4				.2	.4	.2									7	7	3	
58/ 57			.2			.2	.4	.8	.2									9	9	9	2
56/ 55			1.1	.2	.4	.4	.4	.2										13	13	5	1
54/ 53			.4			.4	.8	.6										11	11	8	3
52/ 51		.2	.2		1.5	1.1	2.1	.4										26	26	9	6
50/ 49		.2	.2	.2	.6	1.5	2.3	.4										26	26	15	7
48/ 47			.2	.6	1.7	.8	.2											16	16	12	3
46/ 45		.4	.4	.6	2.9	2.9	1.9											44	44	10	3
44/ 43				1.1	3.8	2.5												35	35	25	4
42/ 41		.2	1.3	3.4	2.9	2.1												47	47	15	4
40/ 39		.2	2.3	1.7	1.9	.8												33	33	33	8
38/ 37	.6	.8	1.7	1.5	1.9	1.7												39	39	49	13
36/ 35	.5	1.3	1.9	.8	.8	.4												29	29	79	17
34/ 33	1.7	2.1	2.5	.2	1.1													36	36	69	23
32/ 31	.2	1.1	.6	1.1	1.1													19	19	31	36
30/ 29		.6	1.3	2.3														20	20	36	28
28/ 27		.4	.6	.2														6	6	16	31
26/ 25		.2	.2	1.1														7	7	18	52
24/ 23																				18	44
22/ 21		1.3	.2															7	7	4	32
20/ 19			.4															2	2	8	22
18/ 17																				1	27
16/ 15																				2	37
14/ 13																					15
12/ 11																					7
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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
10/ 9																					10		
8/ 7																					20		
6/ 5																					8		
4/ 3																					10		
0/ -1																					1		
-2/ -3																					2		
TOTAL	3.4	9.2	16.0	14.5	20.4	16.8	10.3	4.8	2.1	2.1		.4						476	476	476	476		
Element (X)	$\sum X^2$		$\sum X$		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature								Total							
Rel. Hum.	1408864		24054		50.5	20.174	476	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	959289		20743		43.6	10.796	476		11.9	2.9	.6				93								
Wet Bulb	662749		17311		36.4	8.359	476		26.2							93							
Dew Point	343940		11706		24.6	10.864	476	.6	74.6							93							

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 01-63,74-76 YEARS MAR MONTH
 PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67																		1	1		
64/ 63							.3	.3						.6				4	4		
62/ 61				.3	.3	.3	1.1											7	7		
60/ 59		.6		.3		.3		.6										6	6		
58/ 57		.3				.6	1.4											8	8	4	2
56/ 55							.3	.3										2	2	2	1
54/ 53			.6	.3		.3	1.1											8	8	3	1
52/ 51			.3		.6	.3	.6	.3										7	7	2	
50/ 49		.6				1.1	.3											7	7	9	1
48/ 47				1.1	.8	.3	2.0											15	15	8	2
46/ 45			.8	.3	1.7	.6												12	12	7	5
44/ 43		.6	.3	2.0	2.3	1.4												23	23	4	2
42/ 41		.3	.6	1.7	2.0	1.1												20	20	15	1
40/ 39			2.5	5.1	2.0	1.1												38	38	12	7
38/ 37	.6	1.4	2.3	3.1	2.8	.6												38	38	21	9
36/ 35	1.1	2.8	2.8	4.5	2.3													48	48	49	11
34/ 33	1.7	2.3	3.1	2.3	.6													35	35	52	15
32/ 31	.8	1.7	2.0	1.4	.6													23	23	47	31
30/ 29	.6	.8	1.7	1.1														15	15	45	23
28/ 27		1.1	.3	2.0														12	12	23	20
26/ 25	1.1	.6		.3														7	7	19	42
24/ 23		.6	.3															3	3	8	36
22/ 21		1.1	.6															6	6	8	24
20/ 19		.6	.6															4	4	5	18
18/ 17			.6															2	2	5	23
16/ 15			.6															2	2	3	21
14/ 13			.3															1	1	1	14
12/ 11																				1	10
10/ 9																				1	10
8/ 7																					8
6/ 5																					6
4/ 3																					3
2/ 1																					3
0/ -1																					1
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477-54321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FLRT DEWENS AAF MASS STATION NAME 61-63,76 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
62/ 61		.4																1	1			
60/ 59																				1		
58/ 57				.4	.8	.4												4	4		1	
54/ 53			.4			.4												2	2			
52/ 51		.8	.8		.8	.4												7	7	4		
50/ 49			.4	.4														2	2	2	2	
48/ 47			.4		.4													2	2	4	1	
46/ 45		.4		.4	1.2	.8	.4											8	8	2	4	
44/ 43			.4	1.2	.8													6	6	5	2	
42/ 41		.8	.8	1.2														7	7		2	
40/ 39		1.6	.4	3.5	.8													16	16	6		
38/ 37		2.3	4.3	2.3														23	23	15	7	
36/ 35	1.9	1.6	5.8	1.6														28	28	22	6	
34/ 33	1.9	3.5	8.9	1.9	.4													43	43	25	20	
32/ 31	3.5	3.1	5.1	3.1														38	38	46	15	
30/ 29	2.3	3.1	2.7	1.2														24	24	39	17	
28/ 27	1.2	3.1	1.6	.4														16	16	33	34	
26/ 25	.8	1.2	1.6															9	9	21	24	
24/ 23		.4	1.6															5	5	9	18	
22/ 21		.4																1	1	3	33	
20/ 19		.4	.4															2	2	5	13	
18/ 17		.8	.4															3	3	2	6	
16/ 15		.4	.4															2	2	2	19	
14/ 13		.4	.8															3	3	2	8	
12/ 11			.8															2	2	3	3	
10/ 9		.4	.8															3	3	3	5	
8/ 7																				2	4	
6/ 5																				1	1	
4/ 3																					3	
2/ 1																					1	
-2/ -3																					2	
-4/ -7																					2	
-8/ -9																					1	
-10/-11																					1	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1477 54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

04779 STATION FTPT DEVERIS AAF MASS STATION NAME 1-63,76 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-18/-19																					1
-20/-21																					1
TOTAL	11.7	24.9	38.5	17.5	5.1	1.9	.4											257	257	257	
																		257		257	
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	1284832		17606		68.5	17.535	257	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	314080		8722		33.9	8.403	257		39.1					93							
Wet Bulb	256892		7882		30.7	7.695	257		61.9					93							
Dew Point	176213		6157		24.0	10.590	257	2.9	76.7					93							

9477 5402

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

52-63

YEARS

APR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point		
68/ 67				1.1														2	2				
66/ 65				.6														2	2				
64/ 63						.6	.6											2	2				
62/ 61																					3		
58/ 57					.6													1	1		3		
56/ 55		.6																1	1				
54/ 53		1.1																2	2	5	3		
52/ 51	.6	.6	.6	.6	1.1													6	6	2	1		
50/ 49			1.7	.6	1.7													7	7	2	1		
48/ 47	.6	1.1	.6	.6														5	5	3	1		
46/ 45	1.1	2.2	.6	3.9	2.2													18	18	7	2		
44/ 43	.6		1.1	1.1	2.2													9	9	10	8		
42/ 41	.6	2.2	4.4	.6	1.1													16	16	6	10		
40/ 39	.6	6.1	6.1	1.7	.6													27	27	22	8		
38/ 37	1.1	.6	4.4	1.7														14	14	23	6		
36/ 35	1.1	2.8	2.8	.6														13	13	17	12		
34/ 33	3.3	3.9	2.8	.6														19	19	27	21		
32/ 31		4.4	5.6															18	18	17	15		
30/ 29		5.0	1.1															11	11	10	22		
28/ 27		1.1	1.1															4	4	19	13		
26/ 25			1.7															3	3	2	15		
24/ 23																				3	12		
22/ 21																				2	10		
20/ 19																					8		
18/ 17																					2		
14/ 13																					7		
TOTAL	9.43	31.73	34.4	13.3	9.4	.6	1.1											180	180	180	180		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	1014100	13220	73.4	15.529	180	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F											Total	
Dry Bulb	225628	7146	39.7	8.164	180		16.0	1.0														90	
Wet Bulb	248309	6553	36.4	7.378	180		26.5															90	
Dew Point	191237	5647	31.4	8.868	180		52.0															90	

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FJPT DEEVENS AAF MASS
STATION STATION NAME

62-63.76
YEARS

APP
MONTH

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

9477 54321

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65				.5														1	1		
64/ 63			1.1			1.1												4	4		
62/ 61						.5												1	1		
62/ 59																				3	
58/ 57																					3
56/ 55		.5																1	1		
54/ 53		1.1																2	2	5	2
52/ 51																				1	1
50/ 49	.5	.5	.5															3	3	1	1
48/ 47	.5	.5	2.7	1.1														9	9	2	1
46/ 45	1.6	1.6	1.1	1.6														11	11	9	5
44/ 43	1.1	1.1	1.6	2.2	.5													12	12	6	0
42/ 41	.5	1.1	.5	2.7	.5													10	10	8	9
40/ 39	1.6	2.2	.5		.5	.5												10	10	12	7
38/ 37	4.4	4.4	4.4	1.6														27	27	22	7
36/ 35	2.2	2.7	5.5	.5														20	20	16	11
34/ 33	2.7	6.6	4.9	2.2														30	30	24	21
32/ 31		3.8	.5															8	8	21	16
30/ 29		6.0	2.2	.5														16	16	20	10
28/ 27	.5	5.5	.5															12	12	17	21
26/ 25		1.1																2	2	12	16
24/ 23	.5	1.6																4	4	1	15
22/ 21																				3	13
20/ 19																					7
18/ 17																					3
16/ 15																					5
14/ 13																					3
TOTAL	16.4	40.4	26.2	13.1	1.6	2.2													183		183
																		193			183

Element (X)	Z _X ²	Z _X	\bar{X}	s _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1158745	14297	78.1	5.152	183	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	269686	6872	37.6	7.994	183		20.7					90
Wet Bulb	234922	6414	35.0	7.456	183		36.4					90
Dew Point	189019	5651	30.9	8.931	183		53.6					90

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 01-63,74-76 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.2	.2			.2										1	1		
70/ 69				.2	.2													2	2		
68/ 67					.2	.2												2	2		
66/ 65				.6	.2	.2	.2											6	6		
64/ 63			.2	.8	.2	.2	.2											8	8	2	
62/ 61		.2		1.0	.2	.2				.2								9	9	1	
60/ 59		.2	.4	.2	.4													6	3	9	2
58/ 57			.2			.4	.2											4	4	8	4
56/ 55		.4		.2	.4	.2	.2											7	7	8	4
54/ 53	.2	.6	.2		.4	.4	.4											11	11	7	8
52/ 51	.6	.6	.4	.6	.6	1.0	.2											20	20	10	16
50/ 49	.2	.2	.6	.8	.4	.6	.2											15	15	6	2
48/ 47	.6	1.0	.4	1.0	1.4	.4												24	24	14	8
46/ 45	1.6	.4	.8	1.8	1.2	.6												32	32	22	17
44/ 43	.4	1.4	1.4	2.4	.8	.4												34	34	22	13
42/ 41	.8	1.8	4.5	3.7	1.8	.4												64	64	29	11
40/ 39	1.0	2.7	3.5	1.6	2.4	.4												57	57	48	21
38/ 37	.8	2.4	4.1	2.0	1.2													52	52	57	20
36/ 35	.6	1.8	3.3	1.6	.2													37	37	57	31
34/ 33	1.4	2.4	2.9	1.8														42	42	55	44
32/ 31		1.4	2.0	.8														21	21	46	31
30/ 29	.2	2.4	1.0															18	18	39	47
28/ 27		1.0	.6															8	8	30	44
26/ 25	.2	.8		.2														6	6	12	35
24/ 23			.2															1	1	4	35
22/ 21		.2	.2															2	2	1	31
20/ 19		.2																1	1	3	20
18/ 17																				1	16
16/ 15																					16
14/ 13																					5
12/ 11																					1
10/ 9																					1
8/ 7																					1
6/ 5																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477 54321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63, 74-76

YEARS

APR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
88/ 87											.2						2	2		
84/ 83									.2								1	1		
82/ 81								.2			.2						2	2		
80/ 79								.2		.4							3	3		
78/ 77							.2	.6									4	4		
76/ 75						.4	.4	.2		.4							7	7		
74/ 73						.2	.2	.2		.2					.2		3	3		
72/ 71						.2	.2	.2		.2					.2		5	5		
70/ 69							.2	.2		.2							2	2		
68/ 67				.4	.2	.6	.2	.2	.4	.2							11	11	2	
66/ 65				.4	.4	.6		.4	.6		.2						13	13	4	
64/ 63			.2		.2	.4	.2	.6	.6	.4							13	13	5	
62/ 61			.2	.6	.4	.2	.4	1.2	.4	.4							19	19	7	
60/ 59		.2		.4	.6	1.6	.8	.2									19	19	11	4
58/ 57		.4	.2		1.2	2.2	1.2	.4									28	28	14	5
56/ 55		.2	.6	1.0	2.0	2.0	.2										30	30	9	6
54/ 53		.2	.2	.6	.8	1.6	1.6	1.0									30	30	6	9
52/ 51		1.2	.4	.2	2.4	2.0	.8	.6									38	38	13	10
50/ 49	.2	.6		.2	1.8	2.8	1.2										34	34	27	13
48/ 47	.8	.2		1.0	2.0	2.0	2.4										42	42	41	16
46/ 45	.6	.4	.2	1.6	2.4	1.4	.4										35	35	43	11
44/ 43	.2	1.0	.8	1.4	3.6	2.2											46	46	40	10
42/ 41	.8	1.8	2.0	1.0	1.8	.6											40	40	48	16
40/ 39	.4	1.0	.2	1.6	1.6	.2											25	25	58	23
38/ 37	.4	.6	.2	.8	.8												14	14	58	24
36/ 35	.6	.6	.2	.6													10	10	44	33
34/ 33	.8		.8	.4													10	10	30	52
32/ 31		.2	.2														2	2	14	29
30/ 29		.2	.2	.2													3	3	11	34
28/ 27	.2	.2		.4													4	4	6	35
26/ 25																			1	32
24/ 23																			1	25
22/ 21																			2	36
20/ 19																				24
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

01-63, 74-76
YEARS

0'R
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
18/ 17																					21	
16/ 15																					11	
14/ 13																					8	
12/ 11																					5	
10/ 9																					2	
8/ 7																					1	
TOTAL	5.1	8.9	6.3	12.1	20.0	19.4	14.1	6.9	3.8	1.8	.8	.6		.2			495	495	495	495		

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1552903	25707	51.92	1.000	495							
Dry Bulb	1335970	25172	50.91	0.639	495		1.6	7.3	4.0	1.3		90
Wet Bulb	935688	21134	42.7	0.219	495		6.4	.4				90
Dew Point	564106	15816	32.0	0.906	495		47.8					90

477 54321
 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

04779
 STATION

FORT DEVENS AAF MASS
 STATION NAME

01-03, 74-76
 YEARS

APR
 MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point			
96/ 95															.2		1	1						
94/ 92															.4		2	2						
92/ 91														.2		.2	2	2						
90/ 89											.4	.2		.2		.2	4	4						
88/ 87										.2				.6	.2		5	5						
86/ 85										.4							2	2						
84/ 83									.2		.2	.4					4	4						
82/ 81									.2			.2					2	2						
80/ 79						.2	.4										3	3						
78/ 77										.2			.2				2	2						
76/ 75										.4	.2	.4					5	5						
74/ 73						.2	.4		.2								4	4						
72/ 71					.4	.4		.2	.2		.2						6	6						
70/ 69					.2		.2	.2	.6	.2	.6						10	10	1					
68/ 67							.6	.2	.8	1.2	.2	.4					17	17	3					
66/ 65			.4	.4	.2	.8	.4	1.2	2.0	.8	.8						35	35	9					
64/ 63				.8	.2	.2	.2	1.2	.6	.4	.2						18	18	5					
62/ 61		.2		.2	.2	.4	.2	2.0	1.6								24	24	13					
60/ 59		.2	.2			.6	1.6	2.0	.6								26	26	9					
58/ 57		.2				.6	2.8	.8	1.2								28	28	12					
56/ 55			.4	.4	.6	1.0	2.2	3.4	.2								41	41	10					
54/ 53		.8	.2	1.0		1.4	2.4	1.8	.2								39	39	15					
52/ 51	.2	1.2	.4			2.2	1.8	.2	.2								31	31	25					
50/ 49		.6			1.0	2.8	1.4										29	29	39					
48/ 47		.2	.6	1.0	2.2	2.2	.8										35	35	49					
46/ 45	.2	.2	.8	.8	.4	2.2											23	23	39					
44/ 43		1.0	.6	.4	1.6	1.2											24	24	38					
42/ 41	.8	1.8	1.4	.4	2.2	.6											36	36	68					
40/ 39	.2	.2	.2	.4	.6	.2											9	9	61					
38/ 37		.6	.2	.6													7	7	32					
36/ 35	.6			.4													8	8	26					
34/ 33	1.2			.2													7	7	21					
32/ 31				.2													1	1	11					
30/ 29	.6																3	3	5					
Element (X)	ΣX^2	ΣX	\bar{X}	\bar{X}^2	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																								

9477-5432
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

1
 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																				1	44
26/ 25																				1	38
24/ 23																					37
22/ 21																					27
20/ 19																					29
18/ 17																					15
16/ 15																					6
14/ 13																					8
12/ 11																					3
10/ 9																					1
8/ 7																					1
6/ 5																					1
TOTAL	3.2	7.9	6.1	7.3	9.7	17.2	14.8	14.0	8.5	3.4	3.0	1.2	1.4	.8	.8	.4		493	493	493	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1275088	22608	45.9	22.009	493							
Dry Bulb	1574466	27224	55.2	12.024	493		.7	12.6	6.6	4.4	1.5	90
Wet Bulb	1026766	22136	44.9	8.171	493		3.3	.7				90
Dew Point	561731	15791	32.0	10.652	493		48.9					90

9477-5432
 USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVERES AAF MASS
STATION STATION NAME

61-63, 74-76
YEARS

APR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		> 31	Dry Bulb	Wet Bulb
94/ 93																		3	3	
92/ 91													.4		.6		.4	6	6	
90/ 89												.2	.2			.2		3	3	
88/ 87											.2							1	1	
86/ 85										.2	.2			.2				3	3	
84/ 83											.2							1	1	
82/ 81										.2	.2	.2		.2				4	4	
80/ 79										.2	.2	.4						4	4	
78/ 77										.4	.6		.4					7	7	
76/ 75							.2	.2				.2	.4					5	5	
74/ 73							.2	.4										3	3	
72/ 71							.6	.4			.2	.2						7	7	
70/ 69							.2	.2	1.0		.8	.4						13	13	
68/ 67					.4	.2		.4	.8		.8	.4						15	15	5
66/ 65					.4	.2	.4	.6	1.7	1.0								21	21	9
64/ 63					.2	.2	.2	1.5	1.0	.2								16	16	5
62/ 61					.2	.6	.2	2.3	1.5	.4								25	25	6
60/ 59		.2		.4		1.3	1.7	.5	1.5	.8								35	35	15
58/ 57		.4		.2	.4	1.0	2.5	1.9	1.3	.2								38	38	9
56/ 55		.4		.2	.2	.8	2.3	3.1	.6									37	37	11
54/ 53		1.5	.4	.6	.6	.4	2.7	1.7										38	38	17
52/ 51	.2	.6			.4	2.1	2.1	.4	.4									30	30	28
50/ 49				.2	1.0	2.5		.6										21	21	40
48/ 47		.4	.8	.4	1.5	2.3												26	26	41
46/ 45		.4	.4	.2	1.7	1.7	.4											23	23	37
44/ 43	.2	.4	.8	1.0	1.3	1.5	.2											26	26	49
42/ 41	.8	1.0	2.1	.4	1.7													29	29	62
40/ 39	.8	.4	.2	.6	1.0													15	15	50
38/ 37	.4	.4	.8	.6	.2													12	12	38
36/ 35	.2		.6															4	4	25
34/ 33	1.3																	6	6	23
32/ 31																				11
30/ 29		.2																1	1	29
28/ 27																				38
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$										
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779
 STATION

FORT DEVENS AAF MASS
 STATION NAME

61-63,74-76
 YEARS

APR
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					44
24/ 23																					30
22/ 21																					32
20/ 19																					25
18/ 17																					15
16/ 15																					5
14/ 13																					7
12/ 11																					2
10/ 9																					4
8/ 7																					3
4/ 3																					1
2/ 1																					1
TOTAL	4.0	6.5	6.3	5.0	1.3	14.9	14.0	14.4	10.3	4.4	3.6	1.7	1.5	.6	1.0	.6		478	478	478	476
Element (X)	Σx ²		Σx		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	1180877		21279		44.5		22.130		478		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90				
Dry Bulb	1553989		26627		55.7		12.177		478			2	14.1	7.5	4.7	.6	90				
Wet Bulb	996367		21489		45.0		7.971		478			2.3	.9				90				
Dew Point	528753		15069		31.5		10.610		478			50.5					90				

9477-54321

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENIS AAF MASS
STATION STATION NAME

61-63, 74-76
YEARS

APR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
88/ 87																		3	3	
84/ 83																		3	3	
80/ 79																		2	2	
78/ 77																		2	2	
76/ 75																		4	4	
74/ 73																		3	3	
72/ 71																		2	2	
70/ 69																		2	2	
68/ 67																		5	5	
66/ 65																		5	5	4
64/ 63																		3	3	2
62/ 61																		10	10	4
60/ 59																		12	12	5
58/ 57																		19	19	2
56/ 55																		16	16	7
54/ 53																		34	34	5
52/ 51																		23	23	13
50/ 49																		41	41	17
48/ 47																		31	31	23
46/ 45																		21	21	20
44/ 43																		21	21	34
42/ 41																		17	17	44
40/ 39																		26	26	53
38/ 37																		17	17	36
36/ 35																		11	11	28
34/ 33																		8	9	25
32/ 31																		2	2	11
30/ 29																				6
28/ 27																				3
26/ 25																				1
24/ 23																				
22/ 21																				
20/ 19																				
18/ 17																				
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENIS AAF MASS STATION NAME 63-74-76 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					6
14/ 13																					5
12/ 11																					4
10/ 9																					1
8/ 7																					3
6/ 5																					1
TOTAL	3.8	11.7	6.7	13.1	19.2	16.3	10.5	9.3	3.8	2.3	1.2	1.5	.3		.3			343	344	343	
Element (X)	Σx²		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	1073564		17658		51.52		1.932		343		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	907453		17295		50.31		0.515		344			.5	6.8	4.4	1.8		90				
Wet Bulb	625977		14431		42.17		.419		343			5.5					90				
Dew Point	362559		10601		30.91		0.104		343			51.7					90				

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 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,76 YEARS APR MONTH
 PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.4											1	1		
70/ 69						.4												1	1		
68/ 67					.4		.4											2	2		
66/ 65				.8		.4												3	3		
64/ 63							.4											1	1		
62/ 61						.4												1	1	1	
60/ 59						.4												1	1	4	
58/ 57						.4	.4											2	2	1	
56/ 55		.4		.4	.8	.4												5	5		3
54/ 53	.4	.4		.4	1.6	1.2	.8											12	12	4	1
52/ 51	1.6	2.0		.8	.8	.4	.4											15	15	9	9
50/ 49		.8	2.0		1.2	.4	.4											12	12	5	4
48/ 47			2.0	2.0	2.8	.8												19	19	11	1
46/ 45		1.6	1.6	3.6	4.0	.8	.4											30	30	8	3
44/ 43		1.6	.4	3.2	2.4	.8												21	21	17	5
42/ 41		1.6	3.6	4.0	2.0													28	28	22	15
40/ 39	2.0	2.0	1.6	3.2	2.4													28	28	27	17
38/ 37		2.8	3.2	2.4	1.2													24	24	38	10
36/ 35	1.2	2.8	2.4	1.2	.8													21	21	32	13
34/ 33	1.6	1.2	2.0	.4														13	13	32	32
32/ 31		1.2	1.6	.4														8	8	23	22
30/ 29			.8															2	2	7	29
28/ 27			.4															1	1	6	18
26/ 25																				3	13
24/ 23																				1	13
22/ 21																					11
20/ 19																					12
18/ 17																					7
16/ 15																					5
14/ 13																					5
10/ 9																					3
TOTAL	6.8	18.3	21.5	22.7	20.3	6.8	3.2	.4											251	251	251
																		251		251	
Element (X)	Zx ²	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	1148924	16302	64.9	18.988	251	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	491722	10938	43.6	7.764	251		3.9	1.4				90									
Wet Bulb	388048	9718	38.7	6.875	251		14.3					90									
Dew Point	272228	7922	31.6	9.422	251		49.5					90									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04770 STATION FUPT DEVELS AAF MASS STATION NAME 52-63 YEARS MAY MONTH
 PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71																		1	1		
70/ 69							.5											1	1		
68/ 67			1.1	.5		.5												4	4		
66/ 65																					2
64/ 63			.5															1	1	2	2
62/ 61	1.6	3.2	.5		1.1													12	12	4	5
60/ 59	.5	1.1	.5		.5													5	5	11	6
58/ 57			1.1	.5	2.7													8	8	2	2
56/ 55		1.6	1.1	1.1		1.1												9	9		1
54/ 53	2.2	4.3	1.6	2.2	1.6	1.1	.5											25	25	14	6
52/ 51		3.2	3.8	.5														14	14	15	7
50/ 49	.5	4.8	.5	1.1	.5													14	14	15	13
48/ 47	.5	4.3	1.1	.5	1.1	.5	.5											16	16	18	13
46/ 45		4.3	1.6	2.2		1.6												18	18	16	12
44/ 43		3.2	1.6	.5	1.1													12	12	18	21
42/ 41	1.6	3.2	.5	1.1	.5													13	13	9	12
40/ 39	3.8	2.7	2.2	.5														17	17	23	20
38/ 37		2.2	2.7															9	9	16	12
36/ 35		2.2	.5															5	5	10	11
34/ 33		1.1																2	2	9	10
32/ 31																					8
30/ 29																				2	11
28/ 27																					3
26/ 25																					2
24/ 23																					3
22/ 21																					1
16/ 15																					3
TOTAL	10.8	41.9	20.4	10.8	9.1	4.8	1.6	.5										186	186	186	186
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	1191927		14565		78.3	16.6	186	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	457994		9106		49.0	8.118	186			3.0				93							
Wet Bulb	399172		8494		45.7	7.808	186		1.0					93							
Dew Point	343183		7785		41.9	9.682	186		15.5					93							

USAF ETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,76 YEARS MAY MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-29	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point		
68/ 67			.9															2	2				
66/ 65		.9			.4													3	3				
64/ 63		.4																1	1	4			
62/ 61	.9	1.3			.4													6	6	4	5		
60/ 59		.9	.9		.9	.4												7	7	2	5		
58/ 57	.4	3.4	.4	.4														11	11	7	5		
56/ 55	.4	1.3	.4	2.1		.4												11	11	10	4		
54/ 53	.9	1.7	2.1		.4	.4												13	13	7	12		
52/ 51	1.7	4.7	3.0		.4													23	23	17	9		
50/ 49	1.3	2.1	2.1	1.7	.4													18	16	19	10		
48/ 47		3.8	1.3	.4														13	13	17	10		
46/ 45	.9	3.4	1.7	1.7														18	18	17	22		
44/ 43	.9	6.8	1.7	1.7		.9												28	28	20	21		
42/ 41	.9	4.3	.4	.4	.4													15	15	26	13		
40/ 39	4.7	4.7		1.3														25	25	25	28		
38/ 37	1.7	2.6	.9	.4														13	13	20	25		
36/ 35	.4	2.1	2.1															11	11	4	19		
34/ 33	.4	5.6																14	14	19	8		
32/ 31		.9																2	2	16	10		
30/ 29																					13		
28/ 27																					5		
26/ 25																					4		
24/ 23																					3		
18/ 17																					1		
16/ 15																					1		
14/ 13																					1		
TOTAL	15.4	50.9	17.9	10.3	3.4	2.1												234	234	234	234		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	1670920	19514	83.4	3.677	234	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	521200	10878	46.5	8.159	234		.8	.8					93										
Wet Bulb	470283	10327	44.1	7.896	234		6.4						93										
Dew Point	419504	9678	41.4	9.085	234		15.1						93										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 EMRT DEVENS AAF MASS 1-63,74-76 MAY
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.2												1	1		
78/ 77						.4												2	2		
76/ 75					.4	.2												3	3		
74/ 73					.2	.2												2	2		
72/ 71				.4	.2		.2											4	4		
70/ 69				.6	.6	.2	.6	.2										11	11	2	
68/ 67			.4	.4	.4	.6	.8											13	13	4	
66/ 65		1.6	.6	.4	.6	.4		.4										20	20	7	2
64/ 63		.6	.4	1.6	.6	.6	.2	.2										21	21	14	9
62/ 61		1.0	.8	.6	1.6	1.0	.4	.2										28	28	11	12
60/ 59	.2	1.0	1.4	1.4	.4	.2	.6											26	26	20	13
58/ 57	.4	2.4	1.4	1.2	1.2	.6	.4											38	38	28	14
56/ 55		1.6	2.2	1.4	2.0	.0	.2	.2										43	43	35	20
54/ 53	.6	2.0	2.2	1.4	1.4	.4	.6		.2									44	44	33	25
52/ 51	.6	.8	1.6	2.4	.8	.8												35	35	35	30
50/ 49	1.0	3.2	2.4	1.4	1.8	.4	.2											52	53	42	35
48/ 47	.4	2.2	2.0	1.0	1.4	.6												38	38	57	30
46/ 45	.6	3.0	2.2	1.2	1.6	.6												46	46	52	45
44/ 43		2.0	1.4	.2	.4													20	20	35	36
42/ 41	.8	1.8	.8	.2	.6	.2												22	22	42	45
40/ 39	.8	1.4	1.2	.6														20	20	40	38
38/ 37	.4	.4	.4			.2												7	7	18	37
36/ 35	.4	.8	.2															7	7	17	27
34/ 33	.4	.2																3	3	10	22
32/ 31																				3	17
30/ 29																				1	15
28/ 27																					18
26/ 25																					4
24/ 23																					2
22/ 21																					1
20/ 19																					4
18/ 17																					1
16/ 15																					1
14/ 13																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477 54321
 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 1-63,74-76 YEARS MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
90/ 89									.2								1	1		
88/ 87									.2								2	2		
86/ 85									.4								6	6		
84/ 83								.2	.6								4	4		
82/ 81								.4	.6		.2						7	7		
80/ 79							.4	.4	.2								5	5		
78/ 77					.2	.2	.2	.8	.4	1.2							15	15		
76/ 75					.6	.6	.8	1.0	.4								17	17		
74/ 73				.2	.4	.6	1.4	1.6	.8	.2							26	26		
72/ 71			.2	.2	1.4	.4	1.0	2.4	.6	.4							35	35	10	
70/ 69			.2	.2	1.0	.4	.8	1.2	.2								20	20	8	
68/ 67		.2	.4	.4	.4	1.2	1.2	.8	1.6	.2	.2						33	33	9	
66/ 65		.6	.6	1.0	.8	.6	.8	1.2	1.6								36	36	14	7
64/ 63		.6	.2	.4	.4	1.2	1.0	1.4	.6	.8							33	33	21	13
62/ 61		.6	1.4	.6	1.0	2.0	.6	1.0	.2	.2							38	38	24	18
60/ 59	.2	1.6	.4	.4	.8	1.4	1.4	1.4	.4	.2							41	41	52	18
58/ 57		.2	1.0	.2	2.0	1.4	1.6	.8	.2								37	37	40	20
56/ 55		1.0	.2	.6	1.2	1.8	.6	.4	.2								30	30	29	23
54/ 53		.8	1.6	.2	.6	1.2	.2	.2									24	24	36	15
52/ 51		1.2	1.6	.2	.4	.6	.4		.2								23	23	42	24
50/ 49	.6	1.6	1.0		1.2	1.2		.2									29	29	61	37
48/ 47	.6	1.0	.6		.6	.4	.2	.2									18	18	50	47
46/ 45		.2	.2	.2		.2											4	4	37	32
44/ 43		.6	.2	.2													5	5	18	35
42/ 41	.6	1.6															11	11	23	40
40/ 39	.4	.4															4	4	22	27
38/ 37	.2	.2															2	2	7	27
36/ 35																			3	25
34/ 33																				20
32/ 31																				25
30/ 29																				13
28/ 27																				11
26/ 25																				9
24/ 23																				7
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FURT DEVENS AAF MASS

51-53,74-76

MAY
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
96/ 95													.2							1	1		
94/ 93												.4								2	2		
92/ 91											.2									3	3		
90/ 89										.4	.4									4	4		
88/ 87										.2	.8	.4					.2			8	8		
86/ 85										.4	.4	.8	.4							10	10		
84/ 83										.2	.6	.6	.6	.4						12	12		
82/ 81									.2	.2	.8	.6	1.0							14	14		
80/ 79						.4	.2	1.0	1.4	.8	.6				.2					24	24		
78/ 77						.2	.6	.8	1.6	1.4	.6				.2					27	27		
76/ 75				.2	.4	.2	.6	1.4	1.4	1.0	.2	.8								31	31	3	
74/ 73				.2			1.0	1.0	1.0	1.2	.6	.4								27	27	7	
72/ 71			.2	.2	.2	.2	.6	1.4	.8	1.2	.2	.4								27	27	7	
70/ 69			.2	.4	.2	.2	.6	1.0	.6	.8	.4	.2								23	23	10	3
68/ 67		.2	.6	.6	.2	.4	1.4	.4	1.6	1.8	.8									40	40	16	3
66/ 65		.4	.8	.2	.8		.8	1.2	1.4	.6										31	31	27	12
64/ 63			.4	.4	.6	1.8	2.2	1.4	.4		.4	.2								39	39	24	13
62/ 61		.6	1.0	.2	.2	1.0	2.0	.2	.2						.4	.2				27	27	41	11
60/ 59			1.2	.8	.6	1.2	.6	1.2		.2	.									31	31	44	12
58/ 57		.4	.4		1.0	.6	1.2	1.2	.4	.4										28	28	29	20
56/ 55			.4	.2	.6	.8	.4	.4	.2											15	15	41	29
54/ 53	.4	.4	1.4	.4	.4	.4	.4	.2												18	18	41	18
52/ 51	.2	.8			.4	.2	.2													9	9	56	32
50/ 49	.2	2.4	1.6	.2	.4	.2														25	25	49	37
48/ 47		.8	.2																	5	5	39	32
46/ 45		.2																		1	1	20	41
44/ 43		1.2	.6																	9	9	15	38
42/ 41	.6	1.2	.2																	10	10	21	27
40/ 39		.2																		1	1	11	38
38/ 37																						1	32
36/ 35																							20
34/ 33																							16
32/ 31																							21
30/ 29																							11
Element (X)	Σ x²		Σ x		Σ	σ _a	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																							

9477-54321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION FORT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

MAY
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
23/ 27																					11
26/ 25																					3
24/ 23																					7
22/ 21																					5
20/ 19																					1
18/ 17																					1
16/ 15																					2
8/ 7																					1
2/ 1																					1
0/ -1																					1
-2/ -3																					2
-4/ -5																					1
TOTAL	1.4	9.2	9.0	4.4	6.2	7.0	12.9	13.9	13.9	11.8	7.2	2.4	.8				502	502	502	502	

Element (X)	Σx	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature									
						≤ 0 F	≤ 32 F	≥ 77 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Rel. Hum.	1466077	24915	49.62	1.403	502										
Dry Bulb	2288478	33412	66.61	1.360	502			46.9	30.2	12.4	.6				93
Wet Bulb	155443	27636	55.1	1.118	502			8.0	1.9						93
Dew Point	1068460	22424	44.7	1.633	502	.7	12.6	1.1							93

9477-5032

USAFETAC FORM 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH:
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AF MASS
STATION STATION NAME

61-63, 74-76
YEARS

MAY
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
93/ 93										.4								2	2		
92/ 91								.6		.2								4	4		
88/ 87								.6	.6					.2				7	7		
86/ 85								.2	.8	1.0		.4	.2					13	13		
84/ 83							.4	.2	.4		.6	.2						9	9		
82/ 81						.2	.2	.8	.8	1.0	.4							17	17		
80/ 79						.4	.2	.8	.8	.6	.4							16	16		
78/ 77					.2	.6	1.0	1.8	1.2	.6	.8	.8						35	35		
76/ 75				.2	.2	.6	1.0	1.2	.8	.2	.6							24	24	3	
74/ 73				.6	.4	.4	.8	.8	1.4	.6	.4							31	31	3	
72/ 71			.2	.2	.4	.2	1.2	1.2	1.2	1.0	.2	.4						31	31	8	
70/ 69				.4	.8	.6	.6	.6	1.4		.6							25	25	13	3
68/ 67			.4	.8	.8	1.2	1.6	3.0	.8									47	47	13	2
66/ 65		.4	.2	.4	.4	.4	1.4	1.0	.2		.2							21	21	17	10
64/ 63				.2	.6	.4	2.0	.8	.2		.4							23	23	26	10
62/ 61		.2	1.0	.2	.4	1.2	1.4	.8	.4	.6								31	31	39	12
60/ 59		.2	.4	.6	.4	1.6	.6	1.4	.2	.2								28	28	42	15
58/ 57		1.2	1.0	.4	.8	1.4	.6	.6	.4									32	32	31	11
56/ 55	.2	.4	.8	.6	1.2	.2	.4											19	19	42	24
54/ 53	.8	1.0		.6	.6	.4												17	17	51	28
52/ 51	.6	1.0	.2	.2	.2	1.2												17	17	62	38
50/ 49		1.6	.4	1.0	.2	.2												17	17	43	40
48/ 47		1.0	.6															8	8	32	27
46/ 45		.4	.4															4	4	19	25
44/ 43		.4	.6															5	5	21	29
42/ 41		1.0	.4															7	7	14	42
40/ 39	.8	.2																5	5	15	46
38/ 37																				1	31
36/ 35																					31
34/ 33																					16
32/ 31																					12
30/ 29																					15
28/ 27																					9
26/ 25																					6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63, 74-76

MAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
24/ 23																						2	
22/ 21																						2	
20/ 19																						1	
18/ 17																						4	
8/ 7																						2	
2/ 1																						1	
0/ -1																						2	
-8/ -9																						1	
TOTAL	2.4	9.1	6.7	5.7	7.3	9.7	10.5	12.1	14.3	11.5	4.0	5.3	1.2	.2							495	495	495
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	1460699	24657	49.82	1.094	495	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93											
Dry Bulb	2239649	32819	66.31	1.357	495			49.0	29.7	11.3	4	93											
Wet Bulb	1517675	27131	54.8	1.873	495			7.5	1.1			93											
Dew Point	1039823	22005	44.51	1.167	495	.6	10.7	.9				93											

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USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63, 74-76
YEARS

MAY
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89									.3									1	1			
88/ 87								.3										1	1			
86/ 85								.3										1	1			
84/ 83								.3				.3						2	2			
82/ 81							.3											2	2			
80/ 79						.3		.3	.3	.3								4	4			
78/ 77					.3	.6		1.8	.3						.3			10	10			
76/ 75				.3	.3	.6	.9	.9	.3	.3								8	8			
74/ 73				.6	.3	1.5	1.2	.6	.3	.3								15	15			
72/ 71			.3	.6	.6	.9	1.2	.6	.3	.3								15	15	2		
70/ 69			.3	.9	1.2	.9	.9	.6	.6	.6								18	18	2		
68/ 67		.3	.3	.3	.9	.9	2.7	.6	.6	.6								23	23	4		
66/ 65	.3	1.5		.6	.6	1.5	2.4	1.5										28	28	11	4	
64/ 63		.6	.3	1.2	1.8	.9	.6	.9	.3									22	22	10	3	
62/ 61			.3	.3	.6	.9	1.2	1.2		.3								16	16	16	15	
60/ 59			.6	1.2	.3	1.2	1.8	.3	.3	.9								22	22	29	3	
58/ 57	.3	.9	.3	.9	2.4	.9	.6	.3										22	21	17	5	
56/ 55	.6	2.4	.9	.3	1.5	2.1	.9	.6										31	31	26	16	
54/ 53	.6	2.1	1.2	1.2	.9	1.2												24	24	38	18	
52/ 51	1.8	.6	.3	1.8	.3	.9	.6											21	21	36	26	
50/ 49		.6	.3	1.5	1.5	.9	.3											17	17	37	22	
48/ 47		1.8		.6	.6													10	10	25	25	
46/ 45		.6		.9														5	5	25	19	
44/ 43	.3	.6	.9															6	6	17	23	
42/ 41		.3	.9															4	4	21	29	
40/ 39	.9	.9	.3															7	7	13	31	
38/ 37	.6																	2	2	7	17	
36/ 35																				1	20	
34/ 33																					20	
32/ 31																					8	
30/ 29																					12	
28/ 27																					5	
26/ 25																					5	
24/ 23																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS MAY MONTH

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

9477 54321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					3
16/ 15																					1
14/ 13																					2
8/ 7																					1
TOTAL	5.3	13.1	6.5	10.1	13.1	13.1	11.3	12.5	8.3	3.9	2.1	.9						337		337	
																		337		337	
Element (X)	Σ X ²		Σ X		X̄	s _x	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.	1282056		19416		57.6	22.054	337		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93						
Dry Bulb	1274402		20444		60.7	10.085	337				27.6	12.1	2.5		93						
Wet Bulb	927471		17501		51.9	7.443	337				2.2				93						
Dew Point	675419		14707		43.6	10.146	337			11.3					93						

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS 61-63 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
76/ 75					.4				.4									2	2	
74/ 73							.4	.9										3	3	
72/ 71					.4													1	1	
70/ 69				.4			.4											3	3	
68/ 67		.4	.4	.4		.4		.4										5	5	1
66/ 65	.4	2.2	.4	1.3		.9												12	12	4
64/ 63	.4	1.3	1.3	.4	.4	1.3	.9											14	14	8
62/ 61	1.3			.4	.4	1.3		.9										10	10	10
60/ 59			.9	2.2	1.3	.4		.4										12	12	5
58/ 57		.9	1.3	1.7	.4	2.2	.4	.4										17	17	7
56/ 55	.4	.4	1.7	.9	2.2		.9											15	15	11
54/ 53	.9	3.9	2.2	3.0	.4	2.2												29	29	17
52/ 51	1.3	2.2	2.6	2.2		1.3												22	22	29
50/ 49	1.3	1.3	3.4		1.3	1.3	.4											21	21	20
48/ 47		.9	2.2	.9		1.7												13	13	24
46/ 45		3.0	.4	4.3		.9												20	20	17
44/ 43			1.7	1.3	.4	.9												10	10	19
42/ 41	.9	1.7	.9			.4												9	9	14
40/ 39	.9	2.2	.4															8	8	21
38/ 37		2.6																6	6	14
36/ 35																				9
34/ 33																				1
32/ 31																				1
30/ 29																				
28/ 27																				5
26/ 25																				4
24/ 23																				2
22/ 21																				4
20/ 19																				2
18/ 17																				1
16/ 15																				1
14/ 13																				1
TOTAL	7.8	22.8	19.8	19.4	7.8	15.1	3.4	1.7	1.7	.4								232	232	232
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.	1226066	16248	70.0	19.534	232		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	679035	12401	53.5	8.366	232				5.6	2.0			93							
Wet Bulb	556608	11220	48.4	7.781	232				.4	.4			93							
Dew Point	451134	9940	42.8	10.456	232				14.8				93							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 94921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

62-63 YEARS

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

USAETAC FORM JUN 71 0-26-2 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/77						.6												1	1		
76/75						.6												1	1		
74/73						.6												1	1		
72/71				.6	1.7	1.1												6	6		
70/69		.6	1.7		.6	1.1												7	7		
68/67	.6	5.0	2.8	1.7	2.8													23	23	7	1
66/65	1.1	6.1	2.2	2.2		.6		.6										23	23	20	12
64/63		1.1	2.8		.6	.6												9	9	15	14
62/61	.6	2.2	2.8	.6														11	11	14	12
60/59	.6	3.9	2.8	1.7	.6													17	17	18	13
58/57	.6	2.2	3.9	.6	.6													14	14	13	14
56/55	1.7	7.8	1.1	.6														20	20	23	17
54/53	1.7	4.4	.6	.6														13	13	23	27
52/51	1.1	4.4	2.8															15	15	14	21
50/49		4.4	1.7	.6														12	12	12	14
48/47	.6	2.2																5	5	12	11
46/45		.6	.6															2	2	7	14
44/43																				2	6
42/41																					1
40/39																					2
38/37																					1
TOTAL	8.3	45.0	25.6	8.9	7.8	3.9		.6											180		180
Element (X)	Σx ²		Σx		X̄	e _x	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	1275515		15013		83.4	1.421	180	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	652278		10762		59.8	7.023	180			19.5	1.5			90							
Wet Bulb	585302		10204		56.7	6.185	180			3.5				90							
Dew Point	541679		9803		54.5	6.600	180			.5				90							

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 1-62, 74-76 YEARS JUN MONTH

PAGE 1 3600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
84/ 83							.2											1	1			
82/ 81						.2												2	2			
80/ 79						.6												8	8			
78/ 77					.2	.8												9	9			
76/ 75			.2	1.2	.6	.4	.2											13	13			
74/ 73		.2	1.0	1.8	1.0	.8												24	24	2		
72/ 71		.8	2.9	2.3	1.8	1.0	.6	.2										49	49	11		
70/ 69		1.4	1.6	1.2	1.6	1.2	.4											37	37	26		
68/ 67		1.8	1.4	1.9	2.1	.6	.2											41	41	33		
66/ 65	.6	2.7	1.8	1.9	1.6	.6	.6											50	50	48		
64/ 63	.6	2.3	2.5	1.6	1.2	1.0												47	47	48		
62/ 61	.2	2.3	2.5	2.1	1.0	.8	.2											47	47	47		
60/ 59	.2	2.1	1.9	1.4	.8	.6												36	36	52		
58/ 57	.4	2.1	2.1	1.2	.8													34	34	46		
56/ 55	.6	4.3	1.8	1.0	.2													40	40	47		
54/ 53	.6	3.3	1.8	.4														31	31	56		
52/ 51	.2	1.8	1.2	.2	.2													18	18	34		
50/ 49	.8	1.0	1.4															16	16	36		
48/ 47		1.0	.2															6	6	13		
46/ 45		.6																3	3	11		
44/ 43		.2																1	1	3		
42/ 41																				17		
40/ 39																				8		
36/ 35																				2		
TOTAL	4.1	27.9	24.2	18.3	14.2	8.4	2.3	.2	.4									513	513	513		
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel Hum.	3184421	39841	77.7	13.277	513	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90										
Dry Bulb	2083851	32455	63.3	7.729	513			32.3	10.0	1.4		90										
Wet Bulb	1798033	30179	58.8	6.651	513			12.6	.4			90										
Dew Point	1622168	28610	55.8	7.206	513			7.2				90										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

1-63,74-76
YEARS

JUN
MONTH

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

1477 94321

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.2	.2	.4	.4			.2					7	7		
88/ 87							.6	.8										9	9		
86/ 85						.2	.8	.6	.4	.2								13	13		
84/ 83						.4	1.6	1.2	1.0	.6	.2							25	25		
82/ 81					.2	1.0	2.3	.6	1.0	.4	.2	.2						30	30		
80/ 79					.4	1.8	1.4	1.8	1.0	.6	.4							37	37		
78/ 77			.2	.4	1.8	1.9	2.1	1.0	.8	1.0								47	47		
76/ 75		.2		1.6	1.9	2.7	2.1	1.6	1.2	.4	.2							61	61	7	
74/ 73		.2	.6	1.4	1.4	1.8	1.6	.8	.4	.4								43	43	20	
72/ 71		.4	.6	1.0	1.4	1.4	.4	1.6	.4									36	36	25	4
70/ 69		.4	1.0	1.4	1.8	1.4	1.2	1.6	.8									48	48	57	15
68/ 67		1.0	.8	.6	1.2	.4	.8	1.0	.2									30	30	58	34
66/ 65		.4	.2	.4	1.8	.4	.6	.8	.2									24	24	63	39
64/ 63		.4	1.0	.6	.2	.4	.8	.2										18	18	49	44
62/ 61		1.2	1.6	.4		1.2	.2											23	23	47	44
60/ 59	.6	.4	1.0	.6	.6	.4	.2											19	19	45	43
58/ 57	.2	1.8	1.0	1.4	.6													25	25	46	57
56/ 55		1.0	.4															7	7	29	43
54/ 53	.4	.2	.8															7	7	33	41
52/ 51	.4	.2	.2															4	4	22	31
50/ 49	.2																	1	1	13	36
48/ 47																					19
46/ 45																					23
44/ 43																					13
42/ 41																					13
40/ 39																					10
38/ 37																					3
34/ 33																					2
TOTAL	1.8	7.6	9.1	9.5	13.0	15.2	16.5	13.4	7.4	4.1	1.9	.2	.2					514	514	514	514
Element (X)	Σx ²		Σx		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	2023077		31057		60.4		16.902		514		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	2710489		37067		72.1		8.540		514				67.6	47.6	18.0		90				
Wet Bulb	2042630		32236		62.7		6.386		514				29.2	4.7			90				
Dew Point	1678295		29091		56.6		7.809		514				9.3				90				

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS 61-63,74-76 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
94/ 93								.2		.4	.4							5	5																
92/ 91						.2		.2	.4	1.0	.4	.4	.2					14	14																
90/ 89						.2	.2	.0	1.0	.6	.4	.8						20	20																
88/ 87						.4	.4	1.4	1.2	1.0	.8	.2						27	27																
86/ 85						.6	1.4	1.0	1.4	1.6	.2		.2					33	33																
84/ 83					.2	.6	2.8	2.0	2.4	1.2	1.6	1.4						61	61																
82/ 81					1.6	2.4	1.4	.4	2.0	1.4	.8							50	50	1															
80/ 79				.4	.2	.8	1.8	.6	.6	1.2	.6	.4						33	33	3															
78/ 77		.2	.2	.2	.8	1.2	.6	.8	1.2	1.6	.8							37	37	6	1														
76/ 75		.2	.6	1.4	1.2	1.4	.6	.6	1.0									35	35	14	2														
74/ 73		.4	.2	.4	1.6	.8	1.0	.8	.6	.6								32	32	38	3														
72/ 71		.6	.6	.6	.4	1.8	2.0	1.0	.4									37	37	41	12														
70/ 69		.6	.6	.8	.2	.8	.6	.4	.4	.4	.2							25	25	64	12														
68/ 67		.4	.6	1.0	1.0	1.0	.2											16	16	57	37														
66/ 65		.2	.2	1.0	1.2	2.0	.2											24	24	40	41														
64/ 63		.6	.2	.2	.2	.2	.2	.6										10	10	42	40														
62/ 61		1.0	.2	.2														6	6	48	49														
60/ 59	.2	.4	1.0	.4	.2													11	11	44	33														
58/ 57		1.0	1.4	.2	.4													15	15	43	29														
56/ 55	.2	1.0	.2															7	7	29	40														
54/ 53		.6	.6															6	6	19	30														
52/ 51	.4																	2	2	14	44														
50/ 49	.2																	1	1	4	47														
48/ 47																					20														
46/ 45																					19														
44/ 43																					19														
42/ 41																					9														
40/ 39																					7														
38/ 37																					4														
34/ 33																					2														
32/ 31																					1														
TOTAL	1.0	6.3	5.1	4.7	7.5	11.8	15.4	12.6	11.0	12.0	7.3	4.3	.6	.2				507	507		507														
Element (X)	Σ X²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature							Total																				
Rel. Hum.	1604934		27084		53.4	17,676	507	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																					
Dry Bulb	3115535		38809		76.5	9,414	507			75.4	61.6	40.1	.9	90																					
Wet Bulb	2132839		32711		64.5	6,649	507			39.8	11.0	.2		90																					
Dew Point	1678670		28854		56.9	8,499	507		.2	12.1	1.2			90																					

9477-54321

USAFETAC FORM 0-26-3 (OL A) JUN 71 REVISIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

51-53,74-76
YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
96/ 95										.2								2	2	
94/ 93							.2			.2								7	7	
92/ 91								.4	.2	.8								13	13	
90/ 89						.2		.8	1.6	.6								20	20	
88/ 87					.4		2.3	.6	.6	.6	.2							23	23	
86/ 85					.6	.2	.8	2.1	2.5	.6	.2							39	39	
84/ 83				.4	.6	2.5	1.6	2.1	2.1	.6	1.0	.2						54	54	
82/ 81				.2	.4	1.8	1.4	.2	1.4	1.0	.8							36	36	1
80/ 79			.2	.4	1.6	2.7	.2	1.0	2.1	.2	1.2							47	47	1
78/ 77		.2	1.0	1.8	1.2	.8	.8	1.0	1.0	.6								41	41	7
76/ 75		.4	.8	1.0	.6	1.2	.6	.6	1.0									28	28	13
74/ 73	.4	.8	1.0	.2	1.0	1.2	1.4	.6	.2									34	34	37
72/ 71	.2	.6	.6	.2	.2	1.0	1.2	.4	.4	.2								25	25	48
70/ 69	.2	.4	.8	.8	1.2	.2												18	18	59
68/ 67	.8	.6	.4	1.0	1.2													20	20	53
66/ 65	.4	.4	.6	.6	.2													11	11	38
64/ 63	.8	.2	.8	.4	.2	.4												14	14	34
62/ 61	.6	1.0	1.0	.4	.2													16	16	40
60/ 59	.8	.2	.4	.2														8	8	36
58/ 57	.8	.8	.8	.2														13	13	50
56/ 55	.2	1.2	.6	.2														11	11	27
54/ 53		1.0																5	5	24
52/ 51	.2	.2																2	2	15
50/ 49																				4
48/ 47																				25
46/ 45																				23
44/ 43																				17
42/ 41																				13
40/ 39																				7
38/ 37																				6
36/ 35																				3
34/ 33																				2
32/ 31																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

9477-34321

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779
STATIONFORT DEVENS AAF MASS
STATION NAME1-63,74-76
YEARS

YEARS

JUN
MONTH

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	7.6	5.1	3.9	8.0	9.9	16.0	12.9	11.9	11.1	6.2	5.1	1.0	.4	.2	.2		487	487	487	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	e_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Ref. Hum.	1527428	25814	53.0	18.095	487	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2905598	37322	76.6	9.662	487			75.2	63.6	39.7	1.7	90									
Wet Bulb	2045795	31389	64.5	6.827	487			40.5	10.9	.4		90									
Dew Point	1602311	27599	56.7	8.870	487		.2	12.9	1.5			90									

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24779 STATION FORT LEVENS AFB MASS STATION NAME 41-62,74-76 YEARS JUN 1 MONTH
 PAGE 1 1900-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
90/ 89								.3		.3		.3	.3					4	4	
88/ 87									.6	.6		.3						5	5	
86/ 85								.6	1.1	.6		.3						9	9	
84/ 83								.6	.3	2.2	.3	.6						14	14	
82/ 81				.3	.8	2.2	.8	.6	1.1	.6								23	23	
80/ 79				.6	.8	1.9	1.4	.8	1.4	.8	.3							29	29	
78/ 77				1.7	2.8	1.1	1.7	1.4	1.1		.3							36	36	
76/ 75			.3	.3	3.0	1.4	2.2	.6	2.2	.8								39	39	3
74/ 73			.3	1.4	1.1	1.1	1.9	1.1	1.1	.8								32	32	16
72/ 71		.3	1.4	.8	1.4	.3	1.9	1.4	.3	.3								29	29	25
70/ 69		2.2	.8	.6	1.1	1.7	.8	1.1	.3									31	31	38
68/ 67		1.1	.6	1.1	1.7	.6	.6		.3	.3								22	22	43
66/ 65		.6	.3	.6	.8	1.1	1.1	.3		.3								18	18	34
64/ 63		.8	.6	.8	.6	1.4	.3											16	16	35
62/ 61	.3	.3		1.1	.3	.3												8	8	32
60/ 59		1.7	1.4		.8													14	14	33
58/ 57		1.4	.6	.6	.3													10	10	34
56/ 55	.3	2.2	.3		.3													11	11	25
54/ 53	.3	1.7	.6															9	9	20
52/ 51	.3		.3															2	2	14
50/ 49																				9
48/ 47																				13
46/ 45																				18
44/ 43																				12
42/ 41																				4
40/ 39																				5
38/ 37																				1
36/ 35																				1
34/ 33																				1
32/ 31																				1
30/ 29																				1
TOTAL	1.1	2.2	7.2	9.7	15.0	14.4	13.6	10.8	8.9	5.8	.6	.6	.3					361		361
																		361		361
Element (X)	Σx ²		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	1477536		22190		61.5		17.745		361		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 85 F	Total			
Dry Bulb	1907617		26015		72.1		8.479		361				68.1	47.6	18.0		90			
Wet Bulb	1442563		22703		62.9		6.410		361				31.2	4.7			90			
Dew Point	1193321		20545		56.9		8.178		361			.5	11.7	.2			90			

9477-54321
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 FORM 0-26-3 (OL A)
 USAFETAC JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

01-63, 74-76
YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81																		2	2		
80/ 79					.8			.8		.4								5	5		
78/ 77				.8			.8											4	4		
76/ 75			.4	1.2	1.6	.4		.4										10	10		
74/ 73			1.2	.4	2.1	.4	.4											11	11		
72/ 71			2.5	.4	1.6	.8	.8											15	15	8	
70/ 69		2.9	2.9	3.7	3.3	1.6	.8	.4										38	38	8	6
68/ 67	.4	2.1	4.1	3.7	1.2	.4	.4											30	30	23	13
66/ 65		1.2	.4	1.2	2.1	1.6				.4								17	17	22	13
64/ 63		1.6	2.1	1.6	1.6		.4	.4										19	19	28	19
62/ 61	.4	.4	2.5	1.6	.8	.8												16	16	30	26
60/ 59		2.5	2.1	1.6		.4												16	16	14	19
58/ 57	1.2	3.7	.8	1.2	.8													19	19	27	24
56/ 55	.8	2.5	.8	2.1														15	15	31	24
54/ 53	1.2	2.1	2.1	.8														15	15	13	27
52/ 51	.4	.8	1.6															7	7	19	18
50/ 49		.8	.4															3	3	14	17
48/ 47		.4																1	1	5	16
46/ 45																				1	7
44/ 43																					9
42/ 41																					4
36/ 35																					1
TOTAL	4.5	21.0	23.9	20.6	16.0	6.6	4.5	2.9										243	243	243	243
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1437747	18387	75.7	13.856	243	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1029284	15714	64.7	7.361	243			42.6	11.9	.7		90									
Wet Bulb	875007	14503	59.7	6.240	243			14.4				90									
Dew Point	782934	13686	56.3	7.078	243			7.0				90									

9477-94321
 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-53,76 YEARS JUL MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.9															2	2		
74/ 73		2.1	1.7	.9														11	11	1	1
72/ 71		1.3	2.6		.4													10	10	7	5
70/ 69		3.0	2.1															12	12	8	3
68/ 67	.4	3.0	2.1															13	13	17	13
66/ 65	.4	6.0	2.6				.4											22	22	16	15
64/ 63	.4	6.9	4.3			.9												29	29	22	23
62/ 61	.9	5.6	3.0		.4													23	23	24	19
60/ 59	1.7	6.4	1.3	.9	1.7													28	28	26	27
58/ 57	1.3	5.2	.9															17	17	26	28
56/ 55	3.4	3.4	1.3	.9														21	21	19	24
54/ 53	1.3	2.1	1.3															11	11	18	12
52/ 51		3.4	.4															9	9	14	9
50/ 49		1.7	.9	.4														7	7	11	12
48/ 47	.4	3.0	.4	.4														10	10	9	14
46/ 45		2.1	.4															6	6	5	9
44/ 43		.9																2	2	9	9
42/ 41																				1	5
40/ 39																					4
38/ 37																					1
TOTAL	10.3	56.2	26.2	3.4	2.6	.9	.4											233	233	233	233
Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1817154	20468	87.8	9.081	233	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	868915	14127	60.6	7.306	233			19.2	5.2			93									
Wet Bulb	807000	13612	58.4	7.125	233			13.2	.4			93									
Dew Point	767378	13252	56.9	7.674	233			8.8	.4			93									

9477-94321

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 31-62,74-76 YEARS JUL MONTH 0600-0800 HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83						.2											1	1			
82/ 81					.6	1.1											9	9			
80/ 79						.9	.4										7	7			
78/ 77			.4	1.7	1.7	.8											24	24			
76/ 75		.2	1.1	1.9	1.3	.9											29	29	1		
74/ 73	.4	1.3	1.1	1.9	1.1	.8	.6										38	38	15	3	
72/ 71		.8	4.0	2.3	1.7	.8											50	50	28	11	
70/ 69	.2	1.7	2.5	2.3	1.7	.9	.4										51	51	39	24	
68/ 67		3.0	3.4	1.7	.9	1.5	.2										57	57	55	37	
66/ 65	.2	2.8	3.0	2.5	1.5	.6	.2										57	57	60	53	
64/ 63	.6	4.0	2.3	1.5	1.1	.8	.2										55	55	56	60	
62/ 61	1.3	2.7	2.5	.9	1.1												45	45	65	57	
60/ 59	1.3	3.6	2.5	1.7	.6	.2											52	52	64	53	
58/ 57	.4	1.7	.8	.2	.2												17	17	55	60	
56/ 55		.4	.9	.8													11	11	31	47	
54/ 53		.9	.6	.2													9	9	22	27	
52/ 51		.4	.9														7	7	15	24	
50/ 49		.6	.8														7	7	9	30	
48/ 47																			7	15	
46/ 45		.2															1	1	5	13	
44/ 43																				9	
42/ 41																				2	
40/ 39																				2	
TOTAL	4.4	24.3	26.8	19.5	13.7	9.5	1.9											527	527	527	
																	527		527		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	3298287	41161	78.1	2.594	527	≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2361318	35090	66.6	6.876	527			46.9	19.1	2.5		93									
Wet Bulb	2053045	32735	62.1	6.118	527			24.4	2.8			93									
Dew Point	1872760	31206	59.2	6.882	527			13.2	.5			93									

USAF/ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
98/ 97												.2						1	1		
94/ 93									.2			.6						4	4		
92/ 91								.4	.2	.4	.2	.2						7	7		
90/ 89							.2	.8	.8	.2								10	10		
88/ 87				.2		.2	.4	.8	.2	.2								10	10		
86/ 85					.8		1.5	1.1	.4	.2								21	21		
84/ 83					.6	.6	1.7	2.5	.9									33	33	1	
82/ 81				.6	.4	1.3	2.1	2.5	.8	.4								42	42		1
80/ 79				1.1	.9	1.1	2.8	2.3	1.7	.6								56	56	2	
78/ 77			.9	.5	2.5	2.8	2.7	1.9		.2								62	62	8	
76/ 75		.2	.8	1.1	1.9	1.9	1.5	1.5			.2							48	48	18	2
74/ 73		.2	.9	1.5	1.9	2.3	1.3	.9	.2	.2	.2							51	51	40	14
72/ 71		.6	1.5	1.5	1.1	1.5	1.7	1.3	.6	.2								53	53	43	16
70/ 69			.8	1.1	1.3	1.5	2.1	.6	.2									40	40	72	27
68/ 67		.8	1.1	.8	1.1	2.1	.4		.2									34	34	74	43
66/ 65		1.1	1.1	.4	.6	.2	.6	.2										22	22	59	45
64/ 63		1.9	.6	.6	.2	.4	.4											21	21	64	68
62/ 61	.6	.8	.4			.4												11	11	52	72
60/ 59	.4																	2	2	39	55
58/ 57																				32	40
56/ 55																				13	30
54/ 53																				8	36
52/ 51																				3	25
50/ 49																					13
48/ 47																					18
46/ 45																					5
44/ 43																					6
42/ 41																					7
40/ 39																					3
38/ 37																					1
34/ 33																					1
TOTAL	.9	5.5	8.1	9.7	13.3	16.3	19.3	16.7	6.3	2.3	1.3	.4						528	528	528	
Element (X)	Σx ²	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel Hum.	2062310	32020	60.6	15.121	528	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3041487	39901	75.6	7.046	528			83.1	60.8	27.1	.9	93									
Wet Bulb	2313692	34826	66.0	5.617	528			45.4	12.2	.2		93									
Dew Point	1943025	31795	60.2	7.341	528			18.1	3.0	.2		93									

9477-54321

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAF ETAC

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FLRT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
98/ 97										.6	.2	.4	.2					7	7				
96/ 95										.2	.6	.2	.2					6	6				
94/ 93							.4	.2	.2	.2	.2	.4						8	8				
92/ 91				.2			1.7	.6	.4	.4	.2	.2						19	19				
90/ 89						1.0	.8	.6	.8	.6			.2					24	24				
88/ 87				.6	.2	1.2	.2	.4	3.3	1.6	.2							30	39				
86/ 85					.2	1.0	.4	2.9	2.5	1.7	.6							48	48	1			
84/ 83				.4	.4	.6	1.9	3.5	2.1	2.1		.2						58	58	1	1		
82/ 81				.6	.4	1.4	2.3	2.5	2.9	1.4	.8	.2						64	64	4	2		
80/ 79			.2	.6	.8	1.7	.8	.6	1.0	.6	.4	.4						36	36	12	1		
78/ 77			.4	.4	1.6	1.7	.6	1.9	.6	.4	.6	.4						44	44	23	3		
76/ 75			.8	1.4	.8	1.9	.8	1.2	1.7	.6	.6							50	50	23	10		
74/ 73		.4	1.0	1.0	.8	1.2	1.0	.4	.8	.4								35	35	37	25		
72/ 71		.4	.6	1.2	1.0	.6	.4	.4										23	23	69	17		
70/ 69		.2	.8	.6	.8	.2	1.4	1.0										25	25	86	20		
68/ 67		.2	.4	.6		.6	.2	.2										11	11	67	35		
66/ 65			.4	.6														5	5	50	44		
64/ 63	.8	1.0	.6															12	12	47	78		
62/ 61			.2															1	1	39	61		
60/ 59																				21	47		
58/ 57																				26	37		
56/ 55																				8	42		
54/ 53																				1	16		
52/ 51																					16		
50/ 49																					17		
48/ 47																					15		
46/ 45																					6		
44/ 43																					8		
42/ 41																					9		
40/ 39																					3		
38/ 37																					1		
36/ 35																					1		
TOTAL	.8	2.1	5.2	6.8	7.0	13.4	10.9	17.7	16.9	10.1	5.0	2.3	1.4	.4				515	515	515	515		
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1611589		27655		53.7		15.690		515		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	3347660		41350		80.3		7.330		515				89.7	79.1	52.9	3.8	93						
Wet Bulb	2397680		35014		68.0		5.774		515				58.3	18.2	1.6		93						
Dew Point	1944141		31369		60.9		8.065		515				20.6	7.6	.7		93						

9477-5432

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FLRT DEFFENS AAF MASS STATION NAME 61-63,74-76 YEARS JUL MONTH
 PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99													.2	.4				3	3		
98/ 97												.2	.2	.6	.2			6	6		
96/ 95										.2	.2	.4						4	4		
94/ 93								.2	.4		.2	.2	.4					7	7		
92/ 91						.2		1.6	.6	.2	.2	.4						16	16		
90/ 89						.4	.4	1.8	.8	1.0	.4							24	24		
88/ 87						.4	1.0	1.2	2.4	1.0	.4	.4	.2					35	35		
86/ 85					1.0	.8	.4	2.0	2.6	1.2	.6	.2	.2					45	45		
84/ 83			.2	.2	.2	1.6	1.8	2.6	2.0	1.4	1.2	.6						59	59		
82/ 81			.4	.4	.4	1.6	2.4	3.0	2.4	.8	.6							58	58	1	
80/ 79			.4	.4	1.0	1.6	1.0	1.6	1.6	1.0	.6	1.2						52	52	6	
78/ 77				1.2	1.2	2.2	2.0	1.0	1.2	.4	.4							48	48	21	2
76/ 75		.2	.2	.8	1.0	.6	1.0	1.2	.4	.4								29	29	34	6
74/ 73			.2	1.0	1.0	1.8	.6	1.4	.6									33	33	34	21
72/ 71			1.0	.4	2.0	.6	.4	.4	.2									25	25	64	9
70/ 69		.4	.8	.4	.6	1.0	.4	.8										22	22	68	39
68/ 67	.2	.6	.6		.2	.4		.2										11	11	72	28
66/ 65	.2	1.0			.4													8	8	57	47
64/ 63		1.2	.2															7	7	60	67
62/ 61	.2	.2																2	2	37	59
60/ 59		.2																1	1	20	46
58/ 57																				16	46
56/ 55																				4	27
54/ 53																				1	26
52/ 51																					20
50/ 49																					20
48/ 47																					9
46/ 45																					7
44/ 43																					8
42/ 41																					7
40/ 39																					1
TOTAL	.6	3.8	3.6	4.8	9.1	13.3	11.5	19.2	14.9	8.1	4.2	4.0	1.0	1.4	.2			495	495	495	495
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	1534661		26443		53.4		15.720		495		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	3222610		39776		80.4		7.309		495				89.6	78.7	53.5	3.8	93				
Wet Bulb	2297473		33621		67.9		5.303		495				56.4	18.0	.6		93				
Dew Point	1854681		30075		60.8		7.447		495				19.7	5.4			93				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 EQPT DEWENS AAF MASS
STATION STATION NAME

1-53-76-76
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
96/ 95																		1	1		
94/ 93																		1	1		
92/ 91																		3	3		
90/ 89										.3	1.2						.3	6	6		
88/ 87								.3	.6	.6								5	5		
86/ 85							.3	.9	1.2	.6	.9							13	13		
84/ 83				.3	.6	1.5	.9	.9	1.8	.6	.3							23	23		
82/ 81				.3	.6	1.2	1.5	1.5	1.8	.6	.3	.3						23	23		
80/ 79			.6	1.2	.9	1.2	3.0	1.2	1.8	.6	.9	.3						39	39		
78/ 77			.6	.9	2.1	1.8	2.1	.9		.3	.9	.3						29	29	3	
76/ 75		.3	.6	1.5	1.2	1.8	1.2	1.5	1.5	.6								34	34	19	
74/ 73		.3	1.2	2.1	1.2	3.0	1.5	1.2	.9									38	38	18	11
72/ 71		.3	.9	.6	1.8	2.1	.9	.9										25	25	30	16
70/ 69		.9	2.4	1.8	1.2	1.2	1.5	.6										32	32	35	12
68/ 67	.3	1.2	1.8	2.1	.9	1.5	1.2											30	30	44	25
66/ 65	.3	1.8	.9	.6	.3	1.2												17	17	40	34
64/ 63		1.8	.3	.6	.6	.3												12	12	55	33
62/ 61		.3	.3		.3		.3											4	4	32	44
60/ 59		.3																1	1	24	36
58/ 57																				25	25
56/ 55																				8	28
54/ 53																				2	15
52/ 51																					10
50/ 49																				1	19
48/ 47																					9
46/ 45																					14
44/ 43																					3
42/ 41																					1
40/ 39																					1
TOTAL	.6	7.1	9.5	11.9	11.6	17.0	15.5	11.6	7.7	3.9	2.1	1.5							336		336
Element (X)	Σx ²	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	1359699	20653	61.5	6.410	336	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1916777	25273	75.2	6.870	336			83.6	59.5	25.5	.6	93									
Wet Bulb	1460914	22082	65.7	5.375	336			41.2	11.1			93									
Dew Point	1230646	20184	60.1	7.364	336			17.7	3.0			93									

9477 54321
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF ETAC FORM JUN 71 0-26-3 (OL A)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63,76

AUG

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71		.4																1	1		
70/ 69		3.9	.9															11	11	4	3
68/ 67	2.1	3.4	2.6															19	19	14	7
66/ 65	1.3	6.9	1.3	1.7														26	26	14	17
64/ 63	1.3	6.0	2.1															22	22	26	19
62/ 61	2.6	8.6	1.7															30	30	32	28
60/ 59	3.0	6.9	.4															24	24	29	30
58/ 57	.9	8.2	.9															23	23	22	30
56/ 55	.4	7.3	.9															20	20	21	19
54/ 53		4.3	.9															12	12	15	12
52/ 51		2.1	2.1															10	10	12	15
50/ 49		5.2	.4															13	13	8	12
48/ 47	.4	5.2																13	13	22	8
46/ 45	.9	1.7																6	6	9	21
44/ 43		1.3																3	3	3	8
42/ 41																				2	2
40/ 39																					2
TOTAL	12.9	71.2	14.2	1.7															233		233
																			233		233
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	1943161	21237	91.1	5.684	233	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	821057	13745	59.0	6.637	233			12.4				93									
Wet Bulb	779159	13385	57.4	6.644	233			7.2				93									
Dew Point	751746	13136	56.4	6.938	233			4.0				93									

0477 5432
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVELS AAF MASS STATION NAME 61-63,74-76 YEARS AUG MONTH
 PAGE 1 0600-0800 HOURS (L. S. T.)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 FORM JUN 71 0-26-3 (OL A)
 USAFETAC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
86/ 85						.2												1	1							
82/ 81					.2	.2												2	2							
80/ 79				.2	.8	.2												6	6							
78/ 77				.2														1	1							
76/ 75			.6	1.1	1.1	.4												17	17	1						
74/ 73		.8	1.3	2.1	.4	.8												28	28	3						
72/ 71		.8	1.7	.9	2.1	.8		.2										34	34	16	5					
70/ 69		2.6	2.6	1.3	1.3	.9												47	47	30	14					
68/ 67	.6	3.0	2.3	3.4	1.3	.8	.4			.2								63	63	38	32					
66/ 65	.6	3.0	1.7	3.0	.6	.2					.2							48	48	42	40					
64/ 63	.8	3.0	2.3	2.8	.6	.2												51	51	57	49					
62/ 61	.8	5.3	2.6	1.3	.8	.4												59	59	58	38					
60/ 59	1.7	4.7	2.3	.4	.4	.2		.2										52	52	82	60					
58/ 57	.8	3.4	1.7	.6														34	34	61	74					
56/ 55	.6	2.6	2.1	.8														32	32	35	56					
54/ 53	.6	1.5	.8	.6		.2												19	19	36	41					
52/ 51		1.3	1.1															13	13	22	30					
50/ 49		1.5	.4	.2	.4													13	13	16	28					
48/ 47		.8	.2															5	5	20	19					
46/ 45	.2	.6																4	4	6	19					
44/ 43		.2																1	1	3	11					
42/ 41																				3	6					
40/ 39																					2					
38/ 37																					1					
32/ 31																					5					
TOTAL	6.4	35.1	23.6	18.9	9.8	5.3	.4	.4	.2										530	530	530					
																		530		530						
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum.	3567034	42954	81.0	2.737	530	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	2171535	33713	63.6	7.153	530			34.9	9.7	.5		93														
Wet Bulb	1923601	31747	59.9	6.442	530			15.4	.7			93														
Dew Point	1770716	30394	57.3	7.237	530			.9	8.9			93														

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FUPT DEVENS AAF MASS STATION NAME

61-63,74-76 YEARS

AUG MONTH

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

9477-34321

USAF ETAC FORM JUN 71 0-26.3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.2									1	1		
96/ 95									.2									1	1		
94/ 93									.2									1	1		
92/ 91									.2									1	1		
90/ 89									.2									1	1		
88/ 87						.2			.2	.7								6	6		
86/ 85					.2	.4	.4	.9	.9	.2								16	16		
84/ 83					.6	.9	.9	.6	.4	.2								19	19		
82/ 81				.4	1.1	1.9	1.9	1.7	1.3									40	40		
80/ 79			.4	1.1	1.9	3.2	1.7	.9	.4									51	51	2	
78/ 77			.2	1.1	3.0	3.0	1.9	.7	1.3	.2								61	61	4	
76/ 75			.2	.9	2.2	1.9	2.1	1.1	.7	.2								50	50	5	1
74/ 73		.2	1.5	1.3	.7	2.4	2.4	1.9	.7									60	60	21	1
72/ 71		.2	.7	1.1	1.5	2.8	1.1	1.1	.6									49	49	40	11
70/ 69		.6	.9	.6	1.5	1.1	2.1	.4	.4									40	40	71	23
68/ 67	.0	.7	1.1	1.7	2.1	.6	1.1	.7										46	46	67	35
66/ 65	.4	.9	1.5	1.3	.9	.4	.4											31	31	61	51
64/ 63	.2	.4	.7	.4	.2	.2												11	11	51	59
62/ 61	.2	1.9	.7	.4	.2	.2	.2											20	20	79	47
60/ 59		2.8	.6			.2												19	19	55	56
58/ 57	.2	.6				.6												7	7	46	70
56/ 55					.2													1	1	17	60
54/ 53	.2	.4																3	3	8	31
52/ 51																				3	33
50/ 49																				2	15
48/ 47																				3	13
46/ 45																					14
44/ 43																					5
42/ 41																					4
40/ 39																					5
38/ 37																					1
TOTAL	1.7	8.6	8.2	9.2	14.6	18.1	17.6	11.8	8.6	1.5	.2								535		535
																		535		535	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2212502	33350	62.3	15.816	535	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	2910699	39271	73.4	7.249	535			77.0	53.5	19.8	.5	93									
Wet Bulb	2240530	34498	64.5	5.477	535			36.5	5.6	.2		93									
Dew Point	1882209	31521	58.9	6.851	535			12.3	.3			93									

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 1-63.74-76 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
102/101											.2								1	1	
100/99											.6								3	3	
98/97											.2								1	1	
94/93											.2								1	1	
92/91											.2	.2							2	2	
90/89										.8	.4	.8	.4	.2					13	13	
88/87							.6	1.0	1.2	2.1	1.7	.8	.2						34	34	
86/85							.6	1.0	1.9	3.5	1.9	1.0	.2						52	52	1
84/83							1.9	1.0	2.3	4.6	1.7	1.0							65	65	1
82/81							1.2	1.5	3.1	2.1	1.3	.6							51	51	3
80/79						.4	1.5	1.7	.8	1.5	1.7	.6							43	43	1
78/77				.8	1.2	2.1	1.2	.8	1.0	.6			.2						40	40	3
76/75			.2	1.0	1.3	1.3	1.7	2.3	1.9	1.3	.6								61	61	14
74/73		.2	.4	.4	.6	1.7	1.3	1.9	1.3	.4									43	43	25
72/71		.2	.8	.4	.8	.4	1.5	.6	.4	.4									28	28	52
70/69		1.0	.2	.4	.4		.2	.4											13	13	88
68/67		.8	.2	.8	.2		.6												13	13	74
66/65		1.5	.4	.8	.2	.2	.2												17	17	57
64/63		1.0	.2	.2			.2												8	8	53
62/61		.2	1.5	.8			.6												16	16	52
60/59		2.1	.2																12	12	54
58/57																					22
56/55		.2																	1	1	11
54/53		.2	.2																2	2	6
52/51																					4
50/49																					
48/47																					13
46/45																					10
44/43																					6
42/41																					7
40/39																					8
38/37																					1
TOTAL	.6	8.5	3.3	4.6	5.0	11.5	12.1	16.7	19.4	12.7	4.8	.8							520	520	520
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	1675794	28166	54.2	7.010	520	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3184972	40488	77.9	7.915	520			83.0	73.3	42.9	1.1	93									
Wet Bulb	2275980	34286	65.9	5.438	520			46.7	8.4	.9		93									
Dew Point	1823066	30558	58.8	7.254	520			12.3	.9			93									

DA77 54321

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63, 74-76
YEARS

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
102/101																			2	2		
100/ 99																			1	1		
98/ 97																			1	1		
96/ 95																			2	2		
92/ 91																			5	5		
90/ 89																			15	15		
88/ 87																			38	38		
86/ 85																			54	54		
84/ 83																			46	46	2	
82/ 81																			46	46	1	
80/ 79																			44	44	4	
78/ 77																			47	47	4	2
76/ 75																			54	54	12	2
74/ 73																			26	26	22	5
72/ 71																			34	34	51	8
70/ 69																			24	24	73	26
68/ 67																			11	11	87	25
66/ 65																			12	12	51	47
64/ 63																			9	9	57	41
62/ 61																			9	9	48	64
60/ 59																			11	11	34	62
58/ 57																			5	5	31	45
56/ 55																			3	3	16	39
54/ 53																					4	37
52/ 51																					1	24
50/ 49																					1	23
48/ 47																						18
46/ 45																						8
44/ 43																						10
42/ 41																						7
40/ 39																						6
TOTAL	.4	8.2	4.2	5.8	6.0	8.2	13.2	14.8	16.8	14.6	6.0	1.4	.2							499	499	499
Element (X)	Σx'		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1621772		27044		54.2		17.704		499		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	3071020		38938		78.0		8.092		499				83.9	71.0	44.2	1.1	93					
Wet Bulb	2189692		32942		66.0		5.487		499				47.7	8.4	1.1		93					
Dew Point	1753051		29345		58.8		7.410		499				12.7	1.7			93					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

61-63,74-76
 YEARS

AUG
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.3									1	1		
92/ 91								.3										1	1		
90/ 89							.3											1	1		
88/ 87									.3	.3								2	2		
86/ 85						.3	.3	.3		.3								4	4		
84/ 83							2.4	.9	.6	1.2								17	17		
82/ 81					.6	.9	1.2	.9	.9	.6	.3							18	18		
80/ 79				.9	1.2	1.5	1.5	1.2	.9	.3								25	25	1	
78/ 77				.6	1.8	1.8	.9	1.5	.9									25	25	3	
76/ 75			.6	.9	1.8	3.5	2.9	.6	.9	.3								39	39		
74/ 73			1.2	1.5	1.8	2.4	1.5	1.2	.9									35	35	10	
72/ 71		.6	1.2	1.8	1.5	1.2	1.8	.3	.6									30	30	20	
70/ 69	.6	2.9	2.1	.9	1.2	2.1	1.2	.3										38	38	30	15
68/ 67		1.2	2.1	1.8	1.2	1.5	.9	.3										30	30	50	21
66/ 65		1.5	2.6	.9	1.8	.6												25	25	55	29
64/ 63		1.8	1.5	1.5	.6	.6												20	20	46	40
62/ 61	.3	2.4	.3	.3	.6	.3												14	14	43	40
60/ 59		1.2	.3	.9														8	8	33	40
58/ 57			.3	.3	.6													4	4	25	33
56/ 55	.9																	3	3	15	31
54/ 53																				5	25
52/ 51																				3	22
50/ 49																				1	15
48/ 47																					7
46/ 45																					4
44/ 43																					1
40/ 39																					1
TOTAL	1.8	11.5	12.1	12.1	14.4	16.5	14.7	7.6	5.6	3.2	.6							340	340		340
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	1556137	22283	65.5	16.806	340	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1793734	24580	72.3	7.028	340			72.8	46.0	15.6	.3	93									
Wet Bulb	1408680	21816	64.2	5.113	340			31.2	3.8	.3		93									
Dew Point	1205698	20124	59.2	6.561	340			12.3	.8			93									

9477-34321
 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 1-63,74-76 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/97										.3										1	1			
92/91										.3											1	1		
90/89								.3													1	1		
88/87										.3						.3					2	2		
86/85							.3	.3	.3							.3					4	4		
84/83								2.4	.9	.6	1.2										17	17		
82/81					.6	.9	1.2	.9	.9	.6	.3										18	18		
80/79				.9	1.2	1.5	1.5	1.2	.9	.3											25	25	1	
78/77				.6	1.8	1.8	.9	1.5	.9												25	25	3	
76/75			.6	.9	1.8	3.5	2.9	.6	.9	.3											39	39		
74/73			1.2	1.5	1.8	2.4	1.5	1.2	.9												35	35	10	3
72/71		.6	1.2	1.8	1.5	1.2	1.8	.3	.6												30	30	29	8
70/69	.6	2.9	2.1	.9	1.2	2.1	1.2	.3													38	38	30	13
68/67		1.2	2.1	1.8	1.2	1.5	.9	.3													30	30	50	21
66/65		1.5	2.6	.9	1.8	.6															25	25	55	29
64/63		1.8	1.5	1.5	.6	.6															20	20	46	40
62/61	.3	2.4	.3	.3	.6	.3															14	14	43	40
60/59		1.2	.3	.9																	8	8	33	40
58/57			.3	.3	.6																4	4	25	33
56/55	.9																				3	3	15	31
54/53																							5	25
52/51																						3	3	22
50/49																							1	15
48/47																								8
46/45																								7
44/43																								4
40/39																								1
TOTAL	1.8	1.5	1.1	1.2	1.1	1.4	1.4	1.6	1.5	1.4	1.7	7.6	5.6	3.2	.6							340	340	340

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature																			
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Rel. Hum.	1556137	22283	65.5	16.806	340																				
Dry Bulb	1793734	24580	72.3	7.028	340			72.8	46.0	15.6	.3														93
Wet Bulb	1408680	21816	64.2	5.113	340			31.2	3.8	.3															93
Dew Point	1205698	20124	59.2	6.561	340			12.3	.8																93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

61-63,76

YEARS

AUG
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
80/ 79				.4														1	1				
78/ 77				.9														2	2				
76/ 75			.4	1.3														4	4				
74/ 73		.4	.9	3.0	1.7	.4												15	15	1			
72/ 71	.4	1.3	1.7	.4	1.7													13	13	7	1		
70/ 69	.4	3.4	2.1	6.0		.4	.4											30	30	9	9		
68/ 67	1.3	1.3	4.7	2.1	1.3	.4												26	26	23	14		
66/ 65	2.1	4.7	1.7	5.5	.9													35	35	26	20		
64/ 63	1.3	5.5	2.6	2.1	.4													28	28	37	17		
62/ 61	.9	3.8	2.6	1.7	.4													22	22	7	43		
60/ 59	1.3	3.8	3.8	2.1	.4													27	27	37	27		
58/ 57		.4	.4	1.3														12	12	17	29		
56/ 55	1.3	1.3	.6	.9														14	14	19	16		
54/ 53		.9	.4															3	3	17	21		
52/ 51		.9	.4															3	3	10	14		
50/ 49																				4	13		
48/ 47																				1	5		
46/ 45																					6		
TOTAL	8.9	27.7	27.2	27.7	6.8	1.3	.4											235	235	235	235		
Element (X)	Σ x²	Σ x	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	1609289	19291	82.1	10.48	235	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	993062	15220	64.8	5.595	235			36.0	8.7			93											
Wet Bulb	887037	14385	61.2	5.267	235			15.8	.4			93											
Dew Point	825099	13855	59.0	5.935	235			9.5				93											

9477-54321
 USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63

YEARS

SEP
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
74/ 73			.5	1.1																3	3		
70/ 69	.5	1.1	1.6																	6	6	4	2
68/ 67																						3	2
66/ 65		1.6			.5															4	4	3	3
64/ 63	.5	1.1	1.6	1.6																9	9	3	5
62/ 61	.5	4.3																		9	9	6	5
60/ 59	1.1	3.2	3.8	1.6																18	18	13	9
58/ 57	3.8	2.7	2.2																	16	16	16	11
56/ 55	2.2	4.3	2.7																	17	17	17	11
54/ 53	2.7	3.8	1.6																	15	15	22	24
52/ 51	.5	9.1	1.1	.5																21	21	12	15
50/ 49	1.1	7.9	2.7																	20	20	22	21
48/ 47	.5	2.7	1.6																	9	9	15	14
46/ 45	1.1	5.4																		12	12	15	16
44/ 43		1.6																		3	3	10	8
42/ 41		1.1																		2	2	2	14
40/ 39	.5	2.2																		5	5	5	4
38/ 37	1.1	2.2																		6	6	4	6
36/ 35	.5	2.2																		5	5	7	2
34/ 33		1.1																		2	2	2	8
32/ 31		2.2																		4	4	3	
30/ 29																						2	6
TOTAL	16.75	58.6	19.4	4.8	.5															186	186	186	186
Element (X)	Zx ²	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	1477590	16516	88.8	7.725	186	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	532166	9812	52.8	8.870	186		1.9	4.4	1.5			90											
Wet Bulb	496820	9484	51.0	8.459	186		2.4	3.4				90											
Dew Point	468532	9196	49.4	8.660	186		2.9	1.9				90											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS

11-63, 74, 76 YEARS

SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73	.4			.4														2	2	1	1	
72/ 71		.4	2.1															6	6			
70/ 69		.4	.4															2	2	2	1	
68/ 67		1.7	.4	.4														6	6	7	2	
66/ 65	.9	1.7	.9															8	8	8	13	
64/ 63	2.6	2.6	.4															13	13	11	9	
62/ 61	.9	3.0	.4	1.7														14	14	11	6	
60/ 59		2.1	1.3	.4														9	9	8	11	
58/ 57	3.4	1.3	.9	.9														15	15	16	16	
56/ 55	3.4	5.2	.9	.9														24	24	17	10	
54/ 53	.4	2.6	.4			.4												9	9	17	19	
52/ 51	1.3	5.2	.4	.9														18	18	11	13	
50/ 49	2.1	4.7	.4															17	17	24	14	
48/ 47	1.7	7.7	.9															24	24	18	21	
46/ 45	1.3	4.7	1.3															17	17	25	19	
44/ 43	1.3	4.7																14	14	12	20	
42/ 41		1.7																4	4	13	15	
40/ 39	.4	1.7																5	5	4	8	
38/ 37		2.1																5	5	3	6	
36/ 35	.9	3.0																9	9	8	8	
34/ 33	.4	1.7																5	5	8	8	
32/ 31		.4																1	1	3	3	
30/ 29	.9	1.7																6	6	5	6	
28/ 27																				1	4	
TOTAL	22.3	60.5	11.2	5.6	.4													233	233	233	233	
Element (X)	Σx²	Σx	X	Σx	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	1900461	20965	90.0	7.785	233	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	649951	12085	51.9	9.987	233		2.7	6.2	.8			90										
Wet Bulb	613033	11737	50.4	9.694	233		3.5	3.9	.4			90										
Dew Point	580898	11402	48.9	9.942	233		5.0	1.5	.4			90										

USAFETAC FORM JUN 71 0-26-3 (OL / PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

9477-94021

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 01-63,74-76 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
80/ 79				.2													1	1		
78/ 77					.2												1	1		
76/ 75			.2														2	2		
74/ 73	.2	.2	.8	.4	.4												10	10	2	1
72/ 71		.4	1.0	.2	.2												9	9	3	1
70/ 69		1.4	1.4	.6													17	17	9	3
68/ 67	.2	1.6	1.2	1.4													22	22	16	13
66/ 65	1.0	2.1	1.6	.2	.4												27	27	26	23
64/ 63	.4	2.1	.8	.6	.4	.2											23	23	22	22
62/ 61	1.2	3.5	1.2	1.2			.2										37	37	32	25
60/ 59	1.2	2.9	1.9	1.2	.2												38	38	31	37
58/ 57	1.0	3.7	2.5	.8	.4												43	43	35	30
56/ 55	1.6	3.7	1.8	.6	.4												41	41	44	25
54/ 53	.2	4.7	1.2	.4		.2											34	34	41	39
52/ 51	.8	3.1	1.9	1.4	1.0												42	42	35	42
50/ 49	1.0	5.3	1.4	.2													40	40	43	42
48/ 47	1.4	3.7	1.0	.6	.4												36	36	42	39
46/ 45	.2	2.7	.6	.8													22	22	33	25
44/ 43		2.5	1.2	.2													20	20	25	29
42/ 41	.2	1.6	.4														11	11	23	29
40/ 39		1.6			.2												9	9	13	19
38/ 37	.6	.4	.2														6	6	12	21
36/ 35	.4	1.2															8	8	5	14
34/ 33	.4	1.2															8	8	8	10
32/ 31	.4	.4															4	4	10	11
30/ 29	.2																1	1	2	8
28/ 27		.2															1	1	1	3
26/ 25																				1
20/ 19																				1
TOTAL	12.3	50.1	22.0	10.7	4.3	.4	.2											513		513
																		513		513
Element (X)	Σx ²		Σx		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	3784176		43700		85.2		10.967		513		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	1594901		28181		54.9		9.562		513			1.1	10.9	2.5	.2		90			
Wet Bulb	1456390		26922		52.5		9.221		513			2.3	5.3	.4			90			
Dew Point	1352556		25846		50.4		9.920		513			4.2	3.2	.2			90			

9477-54321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

61-63, 74-76
 YEARS

SEP
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
88/ 87						.2	.4		.2									4	4				
86/ 85							.6											3	3				
84/ 83					.2	.2	.4											4	4				
82/ 81					.4	.2	.8	.2										8	8				
80/ 79					.4	1.2	.2	.4	.2									12	12				
78/ 77					1.0	.2	.4	.4	.4									12	12	1			
76/ 75			.2	1.0	.8	1.2	1.2	.8	.4									28	28	3			
74/ 73			.8	1.2	1.0	.8	.8	1.0	.2									29	29	7	1		
72/ 71		.4	1.4	1.0	2.0	.4	1.2	1.2	.2									39	39	11	3		
70/ 69	.2	.2	1.0	1.2	.8	1.6	1.2	.6										34	34	25	12		
68/ 67	.4	1.0	1.2	1.8	.8	3.6	.4	.4										48	48	30	16		
66/ 65		.8	.4	1.8	2.2	1.6	.4	.4										38	38	33	29		
64/ 63	.2	1.6	.4	1.6	1.8	1.2	1.2	.4										42	42	37	22		
62/ 61	1.0	1.4	.8	2.6	1.0	1.2	1.0											45	45	43	35		
60/ 59	.6	1.8	1.0	.6	2.0	1.8	1.0											44	45	47	38		
58/ 57	.6	1.2	.6	1.6	.8	1.6												32	33	62	22		
56/ 55	1.2	1.8	.2	1.2	1.6	.8		.2										35	36	55	44		
54/ 53	.4	.4	1.0	.8		.6												16	16	36	50		
52/ 51		1.0	.4	.6	.4													12	12	28	38		
50/ 49	.8	.4		.6	.4													11	11	39	45		
48/ 47	.2	.2	.4	.4	.2													7	7	26	30		
46/ 45			.2															1	1	6	29		
44/ 43																				10	15		
42/ 41																			4	4	19		
40/ 39																				1	23		
38/ 37																					16		
36/ 35																					6		
34/ 33																					5		
32/ 31																					3		
30/ 29																					2		
24/ 23																					1		
TOTAL	5.6	12.1	9.9	17.9	17.7	18.3	10.7	6.3	1.4	.2								504	507	504			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	2396558	33682	66.8	17.0	504	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	2185352	33012	65.1	8.4	507			39.2	17.6	4.4		90											
Wet Bulb	1739231	29377	58.3	7.3	504			13.7	2.0			90											
Dew Point	1459979	26731	53.0	9.1	504		1.1	5.7	.2			90											

9477-54321
 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
92/ 91								.2	.4									3	3				
90/ 89							.2	.4	1.2	.2								10	10				
86/ 85						1.0	.2	.4	.2	.4	.2							13	13				
84/ 83					.2	.2	1.0	.4	.6	.4					.4			16	16				
82/ 81					.4	.2	.2	.4	.8	1.8								19	19				
80/ 79			.2		.4	1.2	.6	.8	.6	1.0	.2							25	25				
78/ 77				.6	1.6	.4	1.2	1.0	2.0	.6	.2							38	38	1			
76/ 75			.2	.6	1.2	1.6	.4	2.2	1.0	1.0	.2							42	42	12			
74/ 73			.2	1.0	.4	1.0	1.0	1.4	1.2	.6								34	34	12	1		
72/ 71	.4	.2	.8	.6	1.0	.4	1.4	1.0	1.0									34	34	19	10		
70/ 69	.2	.4	.4	.4	2.2	.6	1.6	.6	.8	.2								37	37	24	11		
68/ 67	.4	.4	.6	.6	1.0	1.8	1.8	1.4	.6									43	43	39	29		
66/ 65	.2	1.4	.4	.4	.8	.6	2.4	1.8										40	40	32	19		
64/ 63	.4	1.0		.4	1.0	1.8	1.8	.6										35	35	44	27		
62/ 61	.2	.4	.6	1.0	.6	.6	1.2	.8										27	27	54	34		
60/ 59	.2	.2	.4	1.2	.4	1.2	1.6	.2										27	27	41	18		
58/ 57	1.0	2.6		.2		.2	.2	.2										23	23	49	30		
56/ 55	.2	1.2	.2	.6	.2	.2	.2											14	14	57	41		
54/ 53		.8		.6	.2													8	8	42	31		
52/ 51	.4		.2	.2														4	6	25	50		
50/ 49	.4																	2	2	23	32		
48/ 47				.2														1	1	15	33		
46/ 45																				4	22		
44/ 43																				2	28		
42/ 41																					26		
40/ 39																					20		
38/ 37																					11		
36/ 35																					17		
34/ 33																					2		
30/ 29																					1		
28/ 27																					2		
TOTAL	4.0	8.9	4.2	8.7	11.7	13.1	17.2	13.9	10.3	6.7	.8	.4						495	497	495			
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	1820193	28595		57.8	19.000	495		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2468786	34748		69.9	8.908	495				56.2	36.2	13.0		40									
Wet Bulb	1821195	29815		60.2	7.166	495				19.5	4.5			90									
Dew Point	1440753	26279		53.1	9.611	495				.5	9.3	.2		90									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04774 FORT DEVENS AAF MASS
STATION STATION NAME

01-63, 74-76
YEARS

SEP
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.2		.2									2	2		
90/ 89							.4	.4	.6									7	7		
88/ 87							.4	.4										4	4		
86/ 85							.6	.2	1.1	.2								10	10		
84/ 83							.6	.2	.2	.4	.2							9	9		
82/ 81					.2	.6	1.1	.2	.2	.6	.6							17	17		
80/ 79					.8	2.3	.4	.2	.6	.8	.2							26	26		
78/ 77				.2	.8	2.1	.4	1.9	1.9	.8	.6							42	42	5	
76/ 75				.2	1.1	.8	1.3	.6	.4	1.3	.6							30	30	5	
74/ 73			.2	.2	.8	1.5	.8	1.7	1.1	.8	.6							34	34	18	2
72/ 71		.2	.2	1.1	.6	.8	1.7	.6	.4	.2								28	28	11	7
70/ 69		1.1	1.1	1.1	1.3	1.3	2.5	1.1	.4	.2								47	47	24	9
68/ 67	.2	.4	.4	.2	1.1	1.5	1.3	1.7	.6									35	35	34	28
66/ 65		1.1	.6	.6	1.9	1.1	1.3	.8	.2									36	36	30	18
64/ 63		.8	.4	.8	.6	1.3	1.9	1.3										34	34	39	31
62/ 61	.2	.8	.8	.6	.6	1.9	.6	.6										30	30	43	23
60/ 59	.4	1.1	.2	.8	.4	1.1	.4											24	24	50	24
58/ 57	.8	1.3	.4	.8	.4	1.1	.2											24	24	61	29
56/ 55	.4	1.1	.2	.8	.4	.4	.2											17	17	30	36
54/ 53		1.5		.6	.2	.2												12	12	49	29
52/ 51	.8	.4																6	6	28	53
50/ 49																				29	30
48/ 47																				12	28
46/ 45																				5	19
44/ 43																				1	30
42/ 41																					27
40/ 39																					16
38/ 37																					12
36/ 35																					12
34/ 33																					5
32/ 31																					4
30/ 29																					1
24/ 23																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

0477-54321

USAF. AC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-3.74-76 YEARS SEP MONTH
 PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.0	9.7	4.6	8.2	11.4	18.8	15.8	13.7	7.0	5.5	2.3							474	474	474	
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1774822	27620	58.3	18.700	474	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2323835	22922	69.5	8.853	474			55.3	34.4	12.2		90									
Wet Bulb	1727128	28408	59.9	7.207	474			18.4	5.3			90									
Dew Point	1369602	25062	52.9	9.698	474		1.1	8.7	4			90									

USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

01-63,74-76

SEP

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
90/ 89									.3									1	1					
86/ 85						.3		.3										2	2					
84/ 83				.3		.3												2	2					
82/ 81			.3	.3	.3	.3												4	4					
80/ 79			.6		.6	.6			.3									7	7					
78/ 77			.3	1.6	.6	.6	.6		.3									11	11	2				
76/ 75			.9	.9	.6	.3	.6	.3	.3									13	13	4	3			
74/ 73		.6	.6	.9	.6	1.3	.3	.3	.3									14	14	4	3			
72/ 71		.3	.3	.9	2.2	1.9	.3	.3	.3									19	19	17	3			
70/ 69		.6	.9	1.3	1.3	1.6	.6	.3										21	21	6	13			
68/ 67		.3	.9	1.3	1.9	2.5	1.3	.3										27	27	8	9			
66/ 65	.3	1.3	.9	2.2	2.2	.9												25	25	18	10			
64/ 63		1.3	.3	1.3	1.6	2.5												22	22	23	10			
62/ 61	1.9	1.3	.9	1.3	2.2	1.6	.3											30	30	31	15			
60/ 59	.3	.6	1.3	1.3	1.6	.6												19	18	29	24			
58/ 57	.3	1.9	1.6	1.6	.6	.3												20	20	30	21			
56/ 55	.3	.6	.9	1.9	.6	1.3												18	18	25	28			
54/ 53	.9	2.5	2.5	1.3														23	23	28	23			
52/ 51	1.3	.9	1.9	.9	.6													18	18	31	29			
50/ 49	.3	1.6	.3	.6	.3													10	10	23	24			
48/ 47		.9		.6	.3													6	6	16	30			
46/ 45			.6	.3														3	3	9	19			
44/ 43				.3														1	1	5	22			
42/ 41		.3	.3															2	2	3	8			
40/ 39																				4	8			
38/ 37																				1	2			
36/ 35																					7			
34/ 33																					3			
32/ 31																					2			
30/ 29																					1			
TOTAL	5.7	14.5	16.7	21.1	18.3	16.4	4.1	1.6	1.3	.3								317	317	317	317			
Element (X)	Σx²	Σx	X	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	1674721	22533	71.1	15.202	317	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1301419	20105	63.4	9.124	317			34.4	15.3	3.4		90												
Wet Bulb	1072426	18264	57.6	7.984	317			11.6	2.8			90												
Dew Point	926072	16888	53.3	9.136	317		.9	8.8	1.7			90												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS 51-53,74 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. F. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77			1.8	.9	.5													7	7					
76/ 75		.5	.5															3	3	1				
74/ 73		.5	1.4															4	4	4	3			
72/ 71		1.4	.5		.5													5	5	6	2			
70/ 69		.5	.5	.9														4	4	6	9			
68/ 67		.9	1.4	1.4	.5													9	9	3	3			
66/ 65	.5	1.8	1.4	1.4	1.4													14	14	6	8			
64/ 63	.5	2.7	.9	2.7	.9													17	17	11	4			
62/ 61	1.4	.9	3.6	1.8														17	17	13	12			
60/ 59	2.3	.5	.5	2.3	.5													13	13	13	13			
58/ 57	1.4	4.1	2.7	.9														20	20	25	7			
56/ 55	1.8	2.3	3.2	1.4														19	19	23	25			
54/ 53	.9	5.0	1.4	.9														18	18	13	18			
52/ 51	2.7	2.7	2.3	.9														19	19	28	26			
50/ 49		5.0	1.8															15	15	12	19			
48/ 47	.5	3.6	1.8															13	13	20	10			
46/ 45		2.7	.9															8	8	12	21			
44/ 43		.9	.5															3	3	7	13			
42/ 41		1.4																3	3	5	9			
40/ 39		1.8	.9															6	6	5	4			
38/ 37		.9	.5															3	3	4	8			
36/ 35		.5																1	1	2	1			
34/ 33		.5																1	1	3	3			
32/ 31																					2			
30/ 29																					2			
TOTAL	11.7	40.5	27.9	15.3	4.5														222		222	222		
Element (X)	Zx²		Zx		X	Cx	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	1599247		18709		84.3	10.101	222		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	743382		12682		57.1	9.250	222				13.0	5.7			90									
Wet Bulb	673274		12072		54.4	8.724	222				8.1	2.0			90									
Dew Point	624251		11595		52.2	9.186	222			1.6	6.9	1.2			90									

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USAETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-62 YEARS GCT MONTH PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
64/ 63		.8	.8															2	2																	
62/ 61						.8	.8											2	2	1																
60/ 59		2.5		1.6			.8											6	6	3	2															
58/ 57		.8		.8														2	2	2	4															
56/ 55			1.5	2.5														5	5	2																
54/ 53	1.6	1.6	2.5		1.6													9	9	2	1															
52/ 51	2.5	4.1		1.6	.8													11	11	10	6															
50/ 49		1.6	.8		.8													4	4	13	8															
48/ 47	1.6	1.6		.8														5	5	6	9															
46/ 45	1.6	7.4	1.6	3.3														17	17	9	4															
44/ 43	.8	7.4	1.6	.8	2.5													16	16	11	11															
42/ 41	.8	4.1			.8													7	7	14	9															
40/ 39	.8	.8	.8	2.5														6	6	9	10															
38/ 37		1.6																2	2	3	7															
36/ 35	.8	3.3																5	5	12	9															
34/ 33	1.6	5.7	.8															10	10	7	9															
32/ 31	.8	5.7																8	8	7	6															
30/ 29		1.6																2	2	7	6															
28/ 27		1.6																2	2	1	7															
26/ 25		.8																1	1	3	8															
24/ 23																					5															
22/ 21																					1															
TOTAL	13.1	53.3	10.7	13.9	6.6	.8	1.6											122	122	122	122															
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	838584	9948	81.5	15.052	122	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	254146	5462	44.8	8.912	122		9.9					93																								
Wet Bulb	225609	5149	42.2	8.280	122		13.7					93																								
Dew Point	195802	4756	39.0	9.269	122		25.2					93																								

9477-54321
 USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FURT DEVENS AAF MASS 60-62.76 YEARS MONTH OCT

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65			1.8															3	3			
64/ 63																				2		
62/ 61		2.4	.6															6	6	4	5	
60/ 59	.6		.6		1.2													4	4	2	2	
58/ 57		1.2		.6														3	3	3	3	
56/ 55		1.2	1.8	.6	1.8													9	9	3	3	
54/ 53	2.4	1.2		.6	.6													8	8	4	5	
52/ 51	1.8	1.2																5	5	12	3	
50/ 49	3.0	3.6	.6															12	12	9	9	
48/ 47	2.4	3.0	2.4	3.0														18	18	18	11	
46/ 45	1.2	3.6	.6		2.4													13	13	9	11	
44/ 43	1.8	5.4	1.8			.6	1.2											18	18	12	11	
42/ 41	1.2	4.2	4.2															16	16	15	16	
40/ 39	.6	1.2	.6															4	4	16	9	
38/ 37	.6	1.8	2.4															8	8	8	13	
36/ 35		3.0	1.2	.6														8	8	9	8	
34/ 33	.6	2.4	.6															6	6	7	8	
32/ 31	2.4	6.0																14	14	15	16	
30/ 29		4.8																8	8	11	6	
28/ 27		.6																1	1	5	9	
26/ 25																			2		10	
24/ 23	1.2	1.2																4	4	4	2	
22/ 21																					7	
18/ 17																					1	
TOTAL	19.6	47.6	19.0	7.7	4.2	1.8													168	170	168	168
Element (X)	Σ X ²		Σ X		X̄	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	1226118		14168		84.3	3.687	168		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	340741		7433		43.7	9.652	170			15.9					93							
Wet Bulb	307718		7026		41.8	9.117	168			19.4					93							
Dew Point	275068		6584		39.2	10.101	168			28.2					93							

9477-34321
 USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

60-62,74-76

OCT
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.2											1	1		
76/ 75							.5											2	2		
74/ 73		.2			.2	.5	.5	.2	.2									8	8	1	
72/ 71					.2	1.0	.2											6	6		1
70/ 69		.2	.2	.5	1.0	1.0	.2											13	13	1	
68/ 67				.7	.7	.5		.2										9	9		1
66/ 65		.7	1.4	.7	.7	.7	.5											20	20	3	1
64/ 63		.7	.5	1.0	.5	1.9	1.4	.2										26	26	16	3
62/ 61		1.2	.7	.5	.7	1.2	.5	.2										21	21	19	5
60/ 59		1.0	1.0	1.7	.7	1.0	.7											25	25	22	17
58/ 57		1.2	1.0	.7	1.2	1.9	.7											28	28	19	15
56/ 55		2.4	1.2	1.4	1.7	.5	.7											33	33	16	15
54/ 53	.2	1.2	1.7	1.4	1.4	1.2	.5											32	32	34	29
52/ 51	.7	3.1	1.4	.7	4.0	1.0												46	46	35	19
50/ 49	.7	1.4	.7	.7	2.6	.5												28	28	35	29
48/ 47	.5	1.4	1.4	2.1	1.9	.5												33	33	41	28
46/ 45		1.9	1.2	1.2	1.0	.5												24	24	33	20
44/ 43		.2	.7	1.4	1.4													16	16	34	30
42/ 41		.5	1.4	.5	1.4													16	17	31	22
40/ 39		1.4	.7	1.0	.2													14	14	18	13
38/ 37		.7	.2		.5													6	6	23	33
36/ 35			.5	.7	.2													6	6	16	29
34/ 33	.2	.5	.5															5	5	11	30
32/ 31		.2	.5															3	3	6	19
30/ 29																				6	16
28/ 27																				1	11
26/ 25																					12
24/ 23																					11
22/ 21																					4
20/ 19																					4
16/ 15																					4
TOTAL	2.4	20.2	16.9	16.9	22.3	13.5	6.2	1.4	.2										421	422	421
Element (%)	Σx²		Σx		X		σx		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	1998826		28056		66.6		17.535		421		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	1259530		22716		53.8		9.342		421			.7	8.6	2.4			93				
Wet Bulb	1008732		20284		48.2		8.552		421			2.9	.4	.2			93				
Dew Point	798899		17769		42.2		10.903		421			17.9	.4				93				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62,74-76
YEARS

OCT
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.2								1	1			
82/ 81								.2	.2								2	2			
80/ 79								.7	.2								5	5			
78/ 77		.7					.5	.5	1.0	.2							13	13	1		
76/ 75					.5	.2	1.0	.7	.5	.2							13	13	2	3	
74/ 73						1.0	.5	.2	.5								9	9			
72/ 71					1.0	1.0	1.0										12	12			
70/ 69			.5		1.0	.7	1.0	.5									15	15			
68/ 67			.7		1.7	2.2	1.0	1.7	.7								33	33	3		
66/ 65		.5	.7		1.2	.2	.7	1.0	1.7								25	25	12	1	
64/ 63	.2	1.7	.2	.5	.7		1.5	1.0	.2								25	25	21	3	
62/ 61		.2	.5	.7	.7	.2	1.0	1.5									20	20	29	13	
60/ 59	.5	.7	.5	1.0	.5	.7	1.5	1.2									27	27	22	11	
58/ 57		.2	.7	1.0	1.7	1.5	2.2	.2	.2								32	32	29	17	
56/ 55		1.2	.5	2.2	1.5	2.2	.7										34	34	14	19	
54/ 53	1.0	1.9	.7	.2	2.7	1.9	.5										37	37	35	22	
52/ 51	.5	1.5		.7	1.7	.5	.7										23	23	38	28	
50/ 49	.5	1.2	.2	.5		1.5		.2									17	17	45	30	
48/ 47	.2	.5	.5	.2	.7	2.7											20	20	30	25	
46/ 45	.5	1.0	.2	1.0	1.0	.5											17	17	41	26	
44/ 43			.2	.2	.5	.7											7	7	19	18	
42/ 41		.5	.5	.2	1.7	.5											14	14	8	19	
40/ 39		.2	.2		1.0												6	6	23	21	
38/ 37					.2												1	1	13	23	
36/ 35	.2																1	1	12	26	
34/ 33	.5																2	2	9	28	
32/ 31																			5	16	
30/ 29																				10	
28/ 27																				12	
26/ 25																				8	
24/ 23																				8	
22/ 21																				6	
20/ 19																				7	
18/ 17																				7	
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature								Total				
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAF/ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION EDRT DEVENS AAF MASS STATION NAME 62-74-76 YEARS OCT MONTH
 PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
16/ 15																				3
14/ 13																				1
TOTAL	4.1	2.2	7.1	8.5	20.0	18.2	12.7	10.0	5.8	1.2	.2						411	411	411	
Element (X)	Σx ²	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	1533383	23727	57.7	9.977	411	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	1467865	24211	58.9	10.079	411			1.1	1.4	.7		93								
Wet Bulb	1092023	20877	50.8	8.771	411			17.6	.7	.7		93								
Dew Point	804066	17528	42.6	1.744	411							93								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

60-62,74-76

OCT

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point					
84/ 83										.3								1	1							
82/ 81									.3									1	1							
80/ 79						.3	.5		.3		.3							5	5							
78/ 77		.3				.3		.5	.3	.3								7	7							
76/ 75		.3				.3	.5	1.0	1.0	.3	.3							14	14	1						
74/ 73		.3				.5	.3		.3	.8	.3							9	9	1	2					
72/ 71		.5			.3	.5	1.0	1.3	.5	.5								18	18	1	1					
70/ 69			.8	.5	.3	.5	1.3	1.3	.3	.3								15	15	4	2					
68/ 67			.3		1.3	1.3	.5	.8	.5	.3								19	19	4						
66/ 65		.3	.3	.5	.5	1.0	.8	.8	1.0									20	20	12	2					
64/ 63		.8	.3	.8	.8	.8	1.0	.5										19	19	13	4					
62/ 61	.3	.3		1.0	1.8	1.3	1.8	1.3										30	30	21	14					
60/ 59			.3	1.3	2.0	1.3	1.8	.5	.3									29	29	17	6					
58/ 57		.5	.5	.8	1.5	1.8	.5	1.0										26	26	20	9					
56/ 55	.8	1.8	.5	1.3	1.5	1.8	.5											32	32	31	14					
54/ 53	.3	1.5	.5	1.0	1.3	1.8	1.8											32	32	31	25					
52/ 51	.3	1.0	1.0	1.3	.5	.8	.3											20	20	36	18					
50/ 49	.3	1.5	.3	.8	.8	2.8	1.0											29	29	39	27					
48/ 47	.3	1.8	.3	.8	.5	1.5												20	20	36	32					
46/ 45		.3	.8	1.0	1.8	.3												16	16	28	21					
44/ 43	.5		.3		1.0	.5												9	9	19	22					
42/ 41	.3	.3			.8	.8												8	8	22	28					
40/ 39		.5		.3	.8													6	6	15	18					
38/ 37				.3	.5													3	3	19	25					
36/ 35	.3	.8		.3														5	5	7	25					
34/ 33																				8	21					
32/ 31																				5	9					
30/ 29																				3	11					
28/ 27																					11					
26/ 25																					9					
24/ 23																					12					
22/ 21																					12					
20/ 19																					4					
18/ 17																					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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS 60-62,74-76 0CT
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					5
14/ 13																					1
TOTAL	3.1	2.5	5.9	2.0	19.1	20.1	14.0	7.4	4.3	1.3	.5							393	393	393	

Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1474695	22795	58.0	19.726	393							
Dry Bulb	1374702	22902	58.3	10.113	393			21.1	8.8	.7		93
Wet Bulb	1026368	19780	50.3	8.868	393		1.9	2.6	.5			93
Dew Point	755479	16597	42.2	1.798	393		18.2	7.2	.5			93

9477-54321
 USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

50-62, 74-76
YEARS

OCT
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73						.4												1	1			
72/ 71			.4	.4	.4	.4												4	4			
70/ 69		.4		.4	.4	.4												3	3			
68/ 67		.4		.4	1.2	.8		.4										8	8	2	1	
66/ 65		.4	.8	1.2	.4	.8												9	9	3	1	
64/ 63		1.2	1.6	1.2	.4	.4	.4											13	13	5	3	
62/ 61	1.2	.4	2.0	1.6	1.2													16	16	9	5	
60/ 59		1.2	1.6	.4		.8	.4											11	11	13	7	
58/ 57		.4	1.2	2.4	2.0	1.2												18	18	14	7	
56/ 55	.8	1.6	1.2	2.0	2.8	1.2	.4											25	25	17	17	
54/ 53	1.6	1.2	2.0	.4	2.0	.4												19	19	14	16	
52/ 51	1.2	.4	1.6	2.4	1.6													18	18	20	12	
50/ 49	.4	2.0	2.0	2.8	2.0	.4												24	24	18	11	
48/ 47	.8	.8	1.2	1.2	1.2													13	13	25	21	
46/ 45		1.2	2.8	4.4	.8													23	23	18	9	
44/ 43		.4	.4	.8	2.0	.4												10	10	16	10	
42/ 41	.4	2.4		2.4	.4													14	15	25	15	
40/ 39	.4		.4	.4	.4													4	4	16	26	
38/ 37	.4		.8		.4													4	4	7	22	
36/ 35		.8		.8	.8													6	7	10	8	
34/ 33		.4	1.2	.4														5	5	6	11	
32/ 31		.4	.4															2	2	5	9	
30/ 29																				3	7	
28/ 27																				4	10	
26/ 25																					10	
24/ 23																					3	
22/ 21																					3	
20/ 19																					2	
18/ 17																					2	
14/ 13																					1	
12/ 11																					1	
TOTAL	7.2	16.0	21.6	26.0	20.0	7.6	1.2	.4										250	252	250		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	1296971	17545	70.2	16.239	250	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	714764	13226	52.5	9.061	252		.7	5.9	.4			93										
Wet Bulb	589884	11942	47.8	8.836	250		4.5	.7				93										
Dew Point	483063	10637	42.5	11.064	250		17.9	.4				93										

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-62
YEARS

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
66/ 65			.6															1	1		
64/ 63		.6	.6															2	2		
62/ 61																				3	
60/ 59		1.7																3	3		3
58/ 57																				3	1
56/ 55		1.1	.6															3	3		2
54/ 53	.6	1.1																3	3	3	1
52/ 51	2.8	1.1																7	7	9	6
50/ 49	1.1			.6	.6													4	4	3	5
48/ 47	1.1	.6	.6	1.1														6	6	2	2
46/ 45	1.7	.6	1.7	.6														3	8	4	4
44/ 43	1.1	1.7																5	5	6	4
42/ 41			.6															1	1	8	2
40/ 39	1.7	.6	1.7	1.7														10	10	4	5
38/ 37	.6	1.1	3.3	2.2	1.1													15	15	3	4
36/ 35	1.1	2.2	7.8	1.1														22	22	9	6
34/ 33		3.3	2.8															11	11	17	4
32/ 31	2.8	7.8	3.3															25	25	32	6
30/ 29	.6	6.1	3.3															18	18	16	21
28/ 27		2.2	.6															5	5	20	18
26/ 25		8.3	.6															16	16	12	10
24/ 23		5.0	.6															10	10	14	20
22/ 21	.6	1.1																3	3	9	15
20/ 19	.6	.6																2	2	2	24
18/ 17																				1	6
16/ 15																					3
14/ 13																					3
12/ 11																					1
TOTAL	16.1	46.7	28.3	7.2	1.7													180	180	180	180
Element (X')	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Ref. Hum.	1162651	14255	79.2	13.728	180	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	249590	6478	36.0	9.588	180		39.5					90									
Wet Bulb	222226	6086	33.8	9.587	180		53.0					90									
Dew Point	182607	5377	29.9	11.082	180		64.5					90									

9477-54321

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
 STATION STATION NAME

60-62,74-76
 YEARS

NOV
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61			.5															2	2		
60/ 59		.8	.5															5	5		
58/ 57		1.0		.5	.3													7	7	6	1
56/ 55	.3	.5	.3	.3														5	5	6	6
54/ 53		1.3	.3	.3														7	7	3	6
52/ 51		.3	.3															2	2	7	4
50/ 49	.5	.3	.3															4	5	6	6
48/ 47		1.8	1.3		.3													13	16	6	4
46/ 45	1.0	2.6	.5	.3														17	18	13	10
44/ 43	1.0	1.6	1.3	.5														17	17	18	17
42/ 41	.3	1.6	1.0	1.0														15	18	9	6
40/ 39	.8	2.3	1.6	1.0														22	23	17	14
38/ 37	1.0	1.6	3.4	1.8														30	30	20	18
36/ 35	1.3	3.4	3.4	1.0														35	35	19	14
34/ 33	.8	4.7	3.6	.3														36	36	33	8
32/ 31	2.3	3.6	2.9	.5														36	36	48	30
30/ 29	.3	3.1	2.3															22	22	36	28
28/ 27	.8	6.0	2.6															36	36	29	25
26/ 25	.5	6.0	.8															28	28	33	30
24/ 23		3.4	.5															15	15	34	41
22/ 21	1.6	1.8	.3															14	14	16	24
20/ 19	.3	1.0	.3															6	6	12	29
18/ 17	.5	.3	.8															6	6	5	24
16/ 15	.3	.5																3	3	5	17
14/ 13																				2	9
12/ 11	.3																	1	1	1	6
10/ 9																					2
8/ 7																					2
6/ 5																					2
4/ 3																					1
TOTAL	13.8	49.5	28.6	7.6	.5													384	393	384	384
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2464860	30358	79.1	3.01	384	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	520122	13792	35.1	9.597	393		38.2					90									
Wet Bulb	444666	12566	32.7	9.346	384		51.8					90									
Dew Point	362585	11043	28.0	10.841	384		63.3					90									

USAFETAC FORM 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN-71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF PASS SYM:GR NAME 60-4-74-76 YEARS NOV MONTH PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL C.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
72/ 71				.2														1	1	
70/ 69			.2															1	1	
66/ 65			.2	.5														3	3	2
64/ 63			.9															4	4	1
62/ 61		.2	.2	.5	.2													5	5	3
60/ 59			.2		1.1													6	7	4
58/ 57		.5	.5	1.1		.2												10	10	5
56/ 55		.2	.5	.5	.2	.2	.5											9	10	5
54/ 53		.2	.7	.5	.9													10	12	7
52/ 51		.5	.7	.5	.7	.5	.7											15	17	9
50/ 49	.5	1.1	.9	.9	1.4	.5												23	24	12
48/ 47	.5	.9	1.6	1.4	1.4	1.1	.5											37	33	15
46/ 45	1.4	2.5	.9	.7	2.9	.5												39	39	23
44/ 43	.2	2.0	.9	2.3	1.4	.2												31	31	29
42/ 41		.9	2.7	3.3	1.4	.2												38	38	26
40/ 39	.5	2.3	1.1	2.0	2.5													37	37	32
38/ 37	.7	3.6	1.8	2.7	.2													40	40	46
36/ 35	.7	2.0	4.5	2.9	.2													46	46	47
34/ 33	.9	1.0	3.2	1.6	.2													33	33	44
32/ 31	.2	1.1	2.3	.9														20	20	30
30/ 29	.5	1.4	2.0	.9														21	21	29
28/ 27		.9	1.1	.2														10	10	20
26/ 25		.2	.7	.2														5	5	11
24/ 23		.5	.5															4	4	8
22/ 21			.2															1	1	6
20/ 19																				3
18/ 17																				1
16/ 15																				
14/ 13																				7
12/ 11																				2
10/ 9																				4
8/ 7																				3
6/ 5																				2
4/ 3																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

US ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.2														1	1		
74/ 73				.4	.4													4	4		
70/ 69			.2															1	1	2	
68/ 67			.2	.4														3	3	1	1
66/ 65			.2	.2	.2		.7											6	6	3	2
64/ 63			.2		.2	.2	.2	.2	.2	.2								7	7	2	1
62/ 61				.4	1.1	.2	.2	.2										10	10	3	2
60/ 59		.4			.2	.7			.2									8	13	1	4
58/ 57		.2		.9	.4	.7	1.1	.7										18	18	3	2
56/ 55	.9	.7	.2	.9	1.1	1.8	.2	.7	.4									31	32	9	7
54/ 53	.2	.9	.4	.7	1.3	1.1	1.3	.4										29	31	19	5
52/ 51		.9	1.1	.9	2.5	1.8	2.2											42	42	7	3
50/ 49		1.1	1.6	1.1	.7	2.0	2.0											38	38	21	9
48/ 47		.7	.4	.7	2.9	2.2												31	31	26	16
46/ 45	.9	1.3	1.6	.9	1.1	1.6												33	33	42	15
44/ 43		.4	1.3	.4	2.0	1.3	.4											27	27	26	17
42/ 41		1.1	2.0	.4	2.5	.4												29	29	38	15
40/ 39	.7	1.6	.2	2.0	2.2													30	30	52	17
38/ 37	.4	1.3	1.6	2.2	1.1													30	30	42	28
36/ 35	.7	.4	.2	1.3	2.0													21	21	33	31
34/ 33	.7	1.3	2.0	.9	.9													26	26	34	23
32/ 31		.4	.2	.9	.4													9	9	31	25
30/ 29	.4	.2	.9															7	7	24	23
28/ 27			.4	.4														4	4	13	24
26/ 25			.2															1	1	9	34
24/ 23																				3	28
22/ 21																				2	31
20/ 19																					21
18/ 17																					19
16/ 15																					20
14/ 13																					6
12/ 11																					7
10/ 9																					2
8/ 7																					7
Element (X)	Σx ²	Σx	X	σ _x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

1477 5432

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.5														2	2		
74/ 73				.2														1	1		
72/ 71					.5													2	2		
70/ 69				.2														1	1	2	
68/ 67				.7														3	3	1	2
66/ 65							.5			.2								3	3	2	1
64/ 63			.5	.2	.2	.2	.2											6	6	1	
62/ 61			.5	.2	.2	.7	.2	.7										11	11	3	2
60/ 59		.2		.2	.2	.7	.2	.5	.2									10	12	3	4
58/ 57	.5	1.1		.5	1.1	.9	.5	.2										21	24	7	6
56/ 55		.2	.5	.7	1.1	1.4	.2	.2	.5									21	23	6	4
54/ 53		.9	1.1	.7	1.1	1.4	.5	.7										28	29	11	6
52/ 51		.2	.9	.5	1.8	2.1	1.4	.5										32	32	10	3
50/ 49		.9	1.6	1.4	.5	.9	1.4	.2										30	31	23	8
48/ 47		1.8	.5	1.4	1.4	1.8	.7											33	33	25	6
46/ 45		.5	1.6	1.1	2.3	2.1	.5											35	35	30	15
44/ 43		.7	.5	.9	1.8	.9	.2											22	22	27	22
42/ 41		1.1	.9	1.4	1.1	.5												22	22	30	8
40/ 39	.5	.9	1.8	2.3	2.5	.2												36	36	36	19
38/ 37	1.1	.7	1.8	2.3	1.6	.2												34	34	46	28
36/ 35	.2	1.1	.5	2.8	1.1													25	25	34	26
34/ 33	1.1	2.8	2.5	1.4	.7													37	37	38	17
32/ 31			.7	1.4	.2													10	10	45	33
30/ 29			.5	.2														3	3	25	28
28/ 27			.5	.5														4	4	14	25
26/ 25			.2	.5														3	3	10	20
24/ 23																				3	17
22/ 21																				3	32
20/ 19																					33
18/ 17																					21
16/ 15																					13
14/ 13																					12
12/ 11																					11
10/ 9																					6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-34321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME

60-62,74-76 YEARS

NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.6														2	2		
68/ 67				.9														3	3		
66/ 65			.6															2	2		
64/ 63			.3															1	1	4	
62/ 61		.3	.3	.3	.3	.3												5	5	3	2
60/ 59	.3	.3			.3													3	5	3	5
58/ 57	.3	.6	.3		.6													6	7	4	4
56/ 55	.6	.9		.6	.3													8	8	4	6
54/ 53	.6	.3	.9	.3	.3													8	9	9	4
52/ 51			1.2	.9	1.2	.3	.6											14	16	4	3
50/ 49		.9	.9	.3	1.5	1.2												16	16	9	2
48/ 47		1.5	1.7	.9	.6	.3												17	19	6	8
46/ 45		.9	4.1	.9	.6	.6												24	25	15	10
44/ 43		.9	2.0	2.6	.6	.3												22	22	13	8
42/ 41	.6	1.2	2.0	1.5	1.2													22	22	28	7
40/ 39	1.2	.9	3.2	2.3	.6													28	28	24	16
38/ 37	.6	1.2	2.6	3.2	.9													29	29	30	22
36/ 35		.9	3.2	2.9														24	25	24	13
34/ 33	.9	3.2	5.0	2.0														38	38	28	21
32/ 31	1.7	2.3	5.2	.9														35	35	39	24
30/ 29		.6	4.1	2.3														24	24	41	23
28/ 27			1.7															6	6	23	23
26/ 25		.3	.9															4	4	21	26
24/ 23			.3															1	1	7	23
22/ 21																				2	24
20/ 19		.3																1	1	1	22
18/ 17																				1	15
16/ 15																					13
14/ 13																					10
12/ 11																					1
10/ 9																					3
8/ 7																					5
TOTAL	6.7	17.2	40.5	23.3	8.7	2.9	.6											343	353	343	343
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	1682830	23264	68.1	6.344	343	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	623891	14467	41.0	9.383	343		18.1	1.3				90									
Wet Bulb	491062	12604	36.7	9.034	343		35.4					90									
Dew Point	361980	10418	30.4	1.541	343		55.6					90									

477 54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FJRT DEVFNS AAF MASS 62,75 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65		.5	.9															3	3			
64/ 63			.9															2	2	1		
62/ 61			.5															1	1	2	1	
60/ 59					.9													2	5	2	2	
58/ 57				.5														1	1	1	2	
56/ 55	1.4	1.8																7	7	4	4	
54/ 53	.9	2.3		1.4														10	10	7	6	
52/ 51	.5																	1	2	7	6	
50/ 49	.5	.5		1.8		.5												7	9	4		
48/ 47	.5		.5		.5	.9												5	5	2	3	
46/ 45	.5	1.8	.5	.5														7	7	5	4	
44/ 43	.5	1.4	.9															6	9	6	7	
42/ 41	.5	.5		2.3														7	7	5	3	
40/ 39	.9	1.4	5.5	2.3														22	22	10	6	
38/ 37	1.4	2.7	2.7	2.7														21	21	9	7	
36/ 35		1.8	3.6	.5														13	13	26	6	
34/ 33		5.0	1.4	.5														15	15	14	5	
32/ 31	2.7	5.9	3.0	.5														31	31	34	23	
30/ 29	.9	6.4	3.2															23	23	16	22	
28/ 27	.9	5.5	2.3	.9														21	21	30	15	
26/ 25		2.7	.9															8	8	21	20	
24/ 23		2.3																5	5	8	22	
22/ 21		.9																2	2	6	21	
20/ 19																					18	
18/ 17																					10	
16/ 15																					2	
14/ 13																					3	
12/ 11																					2	
TOTAL	11.8	43.2	28.6	13.6	1.4	1.4												220	229	220	220	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	1337092	16852	76.6	14.529	220	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	351438	8680	37.9	9.919	229		35.4					90										
Wet Bulb	284813	7643	34.7	9.385	220		47.0					90										
Dew Point	227610	6658	30.3	10.920	220		64.6					90										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS 60-62 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47		.5																1	1		
46/ 45	.5	.5																2	2	2	1
44/ 43		2.1																4	4	3	4
42/ 41		1.1																2	2	3	1
40/ 39			1.6															3	3	1	3
38/ 37	1.1	.5	1.6	1.6														9	9	3	3
36/ 35	.5	.5	2.1															6	6	5	
34/ 33		3.7	1.6															10	10	5	2
32/ 31	2.6	6.3	2.6															22	22	19	8
30/ 29	1.1	4.8	1.1															13	13	22	12
28/ 27	1.1	5.8	3.2															19	19	12	16
26/ 25	1.6	3.2	2.1															13	13	13	8
24/ 23	2.1	4.2	.5															13	13	21	11
22/ 21	.5	3.2																7	7	13	17
20/ 19		2.6	1.1															7	7	3	16
18/ 17	.5	5.3																11	11	8	7
16/ 15	1.6	3.2																9	9	14	6
14/ 13		2.6																5	5	7	11
12/ 11	1.1	2.6																7	7	6	11
10/ 9	.5	4.2																9	9	9	5
8/ 7	1.1	2.1																6	6	7	8
6/ 5	.5	1.1																3	3	4	5
4/ 3	.5		.5															2	2	2	5
2/ 1	.5	1.1																3	3	1	9
0/ -1																				3	7
-2/ -3																					2
-4/ -5		1.1																2	2		2
-6/ -7		.5																1	1	3	2
-10/-11																					1
-14/-15																					1
-16/-17																					1
-18/-19																					1
-20/-21																					2
-22/-23																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477 54321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62
YEARS

DEC
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	17.56	33.0	18.0	1.6														189	189	189	189	
Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.					Mean No. of Hours with Temperature												
Rel. Hum.	1127745	14331	75.8	14.784	189	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	131511	4545	24.0	10.870	189	1.5	74.8					93										
Wet Bulb	116619	4255	22.5	10.525	189	3.0	82.2					93										
Dew Point	88748	3250	17.2	13.221	189	9.8	86.1					93										

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVEN'S AAF MASS STATION NAME 60-62 YEARS DEC MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
52/ 51			.5															1	1		
50/ 49			1.1															2	2		
48/ 47																				1	
46/ 45			.5															1	1	2	1
44/ 43	.5	1.6																4	4	3	3
42/ 41		.5																1	1	2	2
40/ 39		1.1	.5															3	3	1	
38/ 37	.5		1.1															3	3	3	6
36/ 35		1.1	1.6	1.6														8	8	2	
34/ 33		3.2	2.6															11	11	5	
32/ 31	2.1	4.8	1.6															16	16	13	8
30/ 29	1.6	5.8	1.1															16	16	26	10
28/ 27	.5	3.7	2.6															13	13	8	10
26/ 25	1.1	4.2	3.7															17	17	17	14
24/ 23	3.2	5.8	.5															18	18	16	15
22/ 21	.5	1.6																4	4	15	14
20/ 19	.5	4.2																9	9	11	11
18/ 17	2.1	3.7																11	11	10	9
16/ 15	1.1	2.1																6	6	7	10
14/ 13	1.1	2.1																6	6	5	10
12/ 11	.5	1.6																4	4	5	16
10/ 9	2.1	.5																5	5	7	4
8/ 7	.5	3.7																8	8	4	3
6/ 5	2.6	2.1																9	9	11	5
4/ 3	1.1	1.1																4	4	5	6
2/ 1	.5	.5																2	2	3	8
0/ -1		1.6																3	3	1	4
-2/ -3	.5																	1	1	3	4
-4/ -5		.5																1	1		3
-6/ -7	1.1																	2	2	3	4
-8/ -9																					3
-10/-11																					2
-12/-13																					1
-14/-15																					3
Element (X)	Σx²	Σx	Σ	Σx	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME

60-62, 74-75 YEARS

DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
66/ 65					.2													1	1		
64/ 63				.2														1	1		
58/ 57																				2	
54/ 53																					2
52/ 51		.4	.2															3	3		
50/ 49																				3	
48/ 47			1.1															5	5		3
46/ 45		.2																1	1	1	
44/ 43	.2	1.3																7	7	10	4
42/ 41		.9	.7		.2													8	8	2	7
40/ 39		.2	.4															3	3	5	2
38/ 37		1.6	.4		.2													10	10	4	5
36/ 35		1.8	.9	.2														13	13	9	1
34/ 33		2.2	2.2															20	20	15	2
32/ 31	2.0	4.5	1.3	1.3														41	41	26	26
30/ 29	.7	5.4	2.0	.4														38	38	38	19
28/ 27	.7	5.4	3.1	.2														42	42	35	20
26/ 25	.9	3.8	1.8															29	29	38	16
24/ 23	1.1	3.8	.9															26	26	38	37
22/ 21	1.3	2.5	.2															18	18	25	29
20/ 19	.4	2.0	2.0															20	20	23	25
18/ 17	1.6	3.6	1.3															29	29	22	18
16/ 15	.4	3.4	.2															18	18	25	31
14/ 13	.2	2.5	.9															16	16	15	29
12/ 11	1.3	1.1	.4															13	13	18	11
10/ 9	.9	2.7																16	16	19	21
8/ 7	.9	3.4																19	19	14	16
6/ 5	2.2	2.7																22	22	26	15
4/ 3	.9	1.1																9	9	11	23
2/ 1	.7	1.3																9	9	11	16
0/ -1	.7	.2																4	4	5	10
-2/ -3	.2	.9																5	5	3	13
-4/ -5		.2																1	1	3	18
-6/ -7																				1	6
Element (X)	ΣX^2	ΣX	X	e_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 94921

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 50-62,74-76 YEARS PAGE 1 DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
62/ 61			.2														1	1		
60/ 59					.2												1	1		
58/ 57						.2											1	1	1	
56/ 55																				1
54/ 53			.2														1	1		
52/ 51		.4		.4		.2											5	5	3	
50/ 49			.2	.2	.4	.2											5	5	2	3
48/ 47			.4	.4	.2												5	5	2	
46/ 45	.4	.2		.4													5	5	4	4
44/ 43	.2	.4	.2	.6	.2	.2											9	9	4	4
42/ 41	.2	.6	1.6	.8	.2												17	17	10	5
40/ 39		.6	1.7	1.4	.8												23	23	6	3
38/ 37	.2	1.0	3.5	1.7	1.0												38	38	19	2
36/ 35	.2	1.6	4.3	1.6	.2												40	40	27	10
34/ 33	1.0	4.1	2.7	1.4	.2												48	48	36	11
32/ 31	.6	2.9	3.5	1.7	.2												46	46	58	33
30/ 29	.2	3.3	3.7	1.0	.2												43	43	49	32
28/ 27	.2	2.1	2.1	.2													24	24	43	33
26/ 25	.6	3.3	2.1	1.0													36	36	44	34
24/ 23	.4	3.3	1.4	.4													28	28	32	32
22/ 21		1.9	1.7	.4													21	21	34	32
20/ 19		2.9	2.1	.6													29	29	22	41
18/ 17	.6	1.4	1.9	.2													21	21	23	25
16/ 15	.2	1.6	1.9														14	14	22	31
14/ 13		2.1	.8														15	15	15	34
12/ 11	.4	1.4	.6														12	12	20	17
10/ 9	.4	1.6	.8														14	14	14	13
8/ 7		1.0	.2														6	6	11	17
6/ 5		.6															3	3	7	15
4/ 3		.6															3	3	4	19
2/ 1																			2	12
0/ -1		.2															1	1		8
-2/ -3																			1	10
-4/ -5																				7
Element (X)	Σx ²		Σx		Σ	Σ ²	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																				

U.S. AFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67							.2					.4						3	3		
66/ 65							.2											1	1		
64/ 63										.2								1	1		
62/ 61					.2													1	1		
60/ 59						.2												1	1		
58/ 57				.2			.2											2	2		
56/ 55			.2	.2	.4	.4												6	6	2	
54/ 53		.2	.4		.2	.2	.2	.2										7	7	1	
52/ 51		.2	.2		.6													5	5	5	2
50/ 49		.2																1	1	5	1
48/ 47	.4	.6		.4		.4												9	9	7	5
46/ 45		.2	.8	1.0	1.0	.8												19	19	9	8
44/ 43		.2	.6	2.4	1.2	.8												26	26	4	1
42/ 41	.2	.6	1.4	2.4	.8													27	27	9	4
40/ 39	.4	.6	4.0	2.0	1.2													41	41	19	6
38/ 37		1.4	1.8	3.2	2.4	.2												45	45	36	5
36/ 35	.4	2.0	3.6	2.4	1.2													48	48	53	12
34/ 33	.8	2.4	1.2	3.4	1.4													46	46	37	30
32/ 31	.6	1.8	3.8	3.4	.2													49	49	54	32
30/ 29	.4	2.0	2.0	1.0														27	27	43	34
28/ 27	.2	2.0	2.8	1.0	.2													31	31	54	27
26/ 25		1.2	1.6	1.4														21	21	37	40
24/ 23		1.4	1.2	2.0														23	23	29	21
22/ 21		.8	2.6	.6														20	20	15	32
20/ 19	.2	1.0	1.0	.6														14	14	24	29
18/ 17			1.2	.4														8	8	20	46
16/ 15		.6	.8															7	7	12	28
14/ 13	.2	.4	.6															6	6	11	25
12/ 11	.2		.4															3	3	8	18
10/ 9	.2	.4	.2															4	4	3	15
8/ 7		.4	.2															3	3	4	16
6/ 5																				3	10
4/ 3																				1	4
2/ 1																					7
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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS 50-52.74-76 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67										.2								1	1		
66/ 65										.2								1	1		
64/ 63						.2	.2											2	2		
62/ 61						.2	.2											1	1		
58/ 57					.4	.2	.2											4	4		
56/ 55		.2	.2				.2											3	3		
54/ 53		.4		.2	.2	.4												6	6	3	
52/ 51			.6	.2														4	4	4	2
50/ 49	.2	.2			.2													3	3	3	2
48/ 47	.2		.2	.6	.4	.2												8	8	9	3
46/ 45		.2	.4	.2	.2	.8												9	9	4	3
44/ 43	.4	.4	.6	1.5	.8	.6												21	21	10	6
42/ 41	.2	.6	.8	2.3	1.1	.2												25	25	6	3
40/ 39		.8	3.2	2.5	1.1													36	36	8	7
38/ 37	.6	1.7	1.5	1.7	1.7													34	34	25	11
36/ 35	1.1	4.4	2.3	3.0	1.3													57	57	55	10
34/ 33	.4	2.5	2.1	2.1	1.7													42	42	45	19
32/ 31	.6	2.1	2.3	2.1	.2													35	35	46	34
30/ 29	1.1	1.3	2.1	1.5	.4													30	30	42	29
28/ 27	.6	1.7	3.8	1.9														38	38	35	35
26/ 25		1.7	2.1	1.1														23	23	40	34
24/ 23	.4	.6	1.1	1.1														15	15	29	16
22/ 21	.2	1.1	2.1	.8														20	20	25	36
20/ 19		1.3	.3	.4														12	12	19	27
18/ 17		.6	1.9	.6														15	15	17	25
16/ 15	.2	.4	1.3															9	10	10	26
14/ 13	.2	.2	.8															6	6	14	26
12/ 11	.2	.2	.4															4	4	9	14
10/ 9			.4															2	2	5	14
8/ 7																				2	19
6/ 5		.3																4	4	2	20
4/ 3																				3	3
2/ 1		.2																1	1	1	7
0/ -1		.2																1	1		5
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477-54321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/-3																				1	2
-4/-5																					9
-6/-7																					9
-8/-9																					2
-10/-11																					6
-12/-13																					4
-14/-15																					1
-16/-17																					4
-18/-19																					3
-20/-21																					1
TOTAL	6.8	24.2	31.4	23.9	9.7	2.8	.6	.2			.4							472	473	472	472
Element (X)	Σx²		Σx		Σ	Σx		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	1936602		28742		60.9	19,893		472		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93					
Dry Bulb	555268		15472		32.7	10,207		472		.2	42.5	.2				93					
Wet Bulb	432905		13601		28.8	9,328		472		.2	59.1					93					
Dew Point	268521		9231		19.6	13,668		472		9.1	80.0					93					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
60/ 59					.3	.3												2	2		
54/ 53				.3	.3													2	2		
52/ 51																					2
50/ 49		.5	.5															4	4		
48/ 47				.5														2	2	4	2
46/ 45			.3	.3														2	2	2	
44/ 43		1.3	1.1	.3	.3													11	11	1	2
42/ 41	.3	.3	.3	.3	.5													8	8	9	7
40/ 39	1.1	.5	1.1	.8	.3	.3												15	15	11	6
38/ 37	.3	1.6	5.0	1.1														30	30	6	7
36/ 35	.5	3.4	2.6	1.6														31	31	17	7
34/ 33	.8	2.4	3.4	.5	.5													29	29	42	11
32/ 31	1.6	2.9	2.1	1.3	.3													31	31	34	24
30/ 29	1.3	4.2	2.6	.8														34	34	32	26
28/ 27		3.2	2.6	.8														25	25	28	19
26/ 25	.5	2.6	2.6	.8														25	25	27	28
24/ 23	.3	3.7	1.8															22	22	30	22
22/ 21	.5	1.3	2.1															15	15	25	27
20/ 19		2.1	2.1	1.1														20	20	13	23
18/ 17		2.4	1.3															14	14	18	16
16/ 15	.8	1.8	2.1															18	18	22	18
14/ 13	.3	2.1	1.1															13	13	13	15
12/ 11	.8	1.1	.8															10	10	16	15
10/ 9	.5	.5	.5															6	6	11	15
8/ 7		.3	.5															3	3	5	20
6/ 5		.5	.3															3	3	3	14
4/ 3		.3																1	1	5	9
2/ 1																					4
0/ -1																					3
-2/ -3		.3																1	1		5
-4/ -5		.5																2	2	2	7
-6/ -7																				1	5
-8/ -9																					4
-10/-11																					6
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																					

0477-24021
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					4
-14/-15																					3
-16/-17																					3
-18/-19																					3
-20/-21																					1
TOTAL	9.5	39.8	37.5	10.3	2.4	.5												379		379	
																	379		379		

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.	1853158	25594	67.5	18.169	379	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	338183	10645	28.1	10.183	379	.7	59.6					93
Wet Bulb	281517	9640	25.4	9.801	379	.7	69.9					93
Dew Point	194366	6806	18.0	13.815	379	10.8	82.7					93

9477 94321
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62.75 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
46/45		.4	.8	1.2														6	6		
44/43		1.6																4	4	2	
42/41		.8	.4															3	3	10	5
40/39	1.2		2.4	.8														11	11	3	5
38/37			2.4	.8														8	8	4	1
36/35	.4	1.2	2.8															11	11	5	5
34/33	1.2	2.0	4.3															19	19	13	5
32/31	1.2	4.0	1.2															16	16	23	9
30/29	1.6	4.3	2.4	.8														23	23	28	18
28/27		3.6	2.4															15	15	10	12
26/25	.4	3.6	2.0	.4														16	16	14	25
24/23	1.2	7.1	1.2															24	24	26	10
22/21	.8	.4																3	3	19	16
20/19	1.2	3.2	2.8															18	18	12	15
18/17	.4	4.0	1.2															14	14	4	15
16/15		4.0	.4															11	11	22	18
14/13	.4	4.3																12	12	13	6
12/11	.8	3.5																11	11	9	5
10/9	.8	4.3																13	13	16	9
8/7	1.2	.8																5	5	9	14
6/5	.4	1.6																5	5	2	11
4/3		.8																2	2	4	5
2/1																				2	9
0/-1																					11
-2/-3																					6
-4/-5		.4																1	1		2
-6/-7		.8																2	2	1	6
-8/-9																				2	2
-10/-11																					2
-16/-17																					2
-18/-19																					2
-20/-21																					2
TOTAL	13.05	56.52	26.5	4.0														253	253	253	253
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1396765	18357	72.61	6.039	253	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	182952	6214	24.61	10.604	253	1.1	70.2					93									
Wet Bulb	156008	5736	22.71	10.150	253	1.1	79.4					93									
Dew Point	113536	4186	16.51	13.263	253	12.9	85.3					93									

9477-54321
 USAFETAC FORM 0-26-3 (OLA) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRACTICE
 USAF ETAC
 AIR WEATHER SERVICE/TAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04779 FORT DEVERNS AAF MASS

60-63,74-76

STATION	STATION NAME												YEARS	
HRS II ST I	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN S D TOTAL OBS	21.6 10.815 187	18.6 11.696 168	31.7 8.688 186	39.7 8.164 180	49.0 8.118 186	59.8 7.023 180	63.0 6.909 186	61.3 5.874 188	52.8 8.870 186	44.8 8.912 122	36.0 9.588 180	24.0 10.870 189	41.9 17.685 2138
03-05	MEAN S D TOTAL OBS	20.1 11.317 188	16.8 13.003 170	29.9 8.792 186	37.6 7.994 183	46.5 8.159 234	58.3 7.400 230	60.6 7.306 233	59.0 6.637 233	51.9 9.987 233	43.7 9.652 170	34.8 9.741 181	22.8 11.620 189	41.7 17.632 2430
06-08	MEAN S D TOTAL OBS	18.3 12.411 278	19.9 13.609 407	30.2 9.416 492	41.7 9.034 490	53.1 8.757 507	63.3 7.729 513	66.6 6.876 527	63.6 7.153 530	54.9 9.562 513	45.1 9.515 420	35.1 9.597 393	22.7 11.692 447	44.4 19.355 5617
09-11	MEAN S D TOTAL OBS	24.2 10.775 446	27.4 11.240 459	38.0 9.833 511	50.9 10.639 495	62.1 10.226 506	72.1 8.540 514	75.6 7.046 528	73.4 7.249 535	65.1 8.418 507	53.8 9.342 422	41.8 8.891 452	28.6 10.261 515	51.8 20.435 5890
12-14	MEAN S D TOTAL OBS	30.2 9.352 445	32.9 10.367 459	42.9 10.708 513	55.2 12.024 493	66.6 11.360 502	76.5 9.414 507	80.3 7.330 515	77.9 7.915 520	69.9 8.908 497	58.9 10.079 411	46.9 9.399 454	33.8 10.021 505	56.6 20.276 5821
15-17	MEAN S D TOTAL OBS	29.9 9.210 418	33.9 10.510 434	43.6 10.796 476	55.7 12.177 478	66.3 11.357 495	76.6 9.662 487	80.4 7.309 495	78.0 8.092 499	69.5 8.853 474	58.3 10.113 393	46.0 9.365 444	32.7 10.207 473	56.6 20.313 5566
18-20	MEAN S D TOTAL OBS	25.0 9.559 339	28.7 10.209 330	38.8 9.597 354	50.3 10.515 344	60.7 10.085 337	72.1 8.479 361	75.2 6.870 336	72.3 7.028 340	63.4 9.124 317	52.5 9.061 252	41.0 9.383 353	28.1 10.183 379	50.4 20.001 4042
21-23	MEAN S D TOTAL OBS	21.7 10.516 252	22.9 10.588 229	33.9 8.403 257	43.6 7.764 251	53.5 8.366 232	64.7 7.361 243	67.0 6.233 228	64.8 5.595 235	57.1 9.250 222	48.1 8.810 165	37.9 9.919 229	24.6 10.604 253	44.5 18.521 2796
ALL HOURS	MEAN S D TOTAL OBS	24.6 11.270 2653	26.8 12.778 2656	37.3 11.092 2975	48.6 12.145 2914	59.2 12.105 2999	69.7 10.676 3035	73.0 9.827 3048	70.6 9.917 3080	62.2 11.288 2949	52.2 11.135 2355	41.1 10.452 2686	28.2 11.375 2950	50.1 20.440 34300

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04779 FLRT DEWENS AAF MASS

60-63,74-76

STATION	STATION NAME	YEARS												
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	19.9	17.0	29.1	36.4	45.7	56.7	60.0	59.2	51.0	42.2	33.8	22.5	39.5
	S D	10.605	11.467	8.087	7.378	7.808	6.185	6.654	5.770	8.459	8.280	9.587	10.525	17.187
	TOTAL OBS	187	168	186	180	186	180	186	188	186	122	180	189	2138
03-05	MEAN	18.5	15.5	27.8	35.0	44.1	55.9	58.4	57.4	50.4	41.8	32.9	21.4	39.8
	S D	10.907	12.741	8.322	7.456	7.896	6.862	7.125	6.644	9.694	9.117	9.596	11.098	17.317
	TOTAL OBS	189	170	186	183	234	230	233	233	233	168	181	189	2428
06-08	MEAN	16.9	18.3	27.6	37.6	48.4	58.8	62.1	59.9	52.5	42.9	32.7	21.0	41.3
	S D	11.923	12.999	8.712	8.188	7.942	6.651	6.118	6.442	9.221	9.199	9.346	11.180	18.272
	TOTAL OBS	378	407	492	490	506	513	527	530	513	412	384	447	5599
09-11	MEAN	21.8	24.4	32.8	42.7	52.9	62.7	66.0	64.5	58.3	48.2	37.3	25.7	45.4
	S D	10.264	10.272	8.357	8.219	7.987	6.386	5.617	5.477	7.315	8.652	8.417	9.617	17.694
	TOTAL OBS	446	459	511	495	506	514	528	535	504	421	444	515	5873
12-14	MEAN	26.7	28.7	36.0	44.9	55.1	64.5	68.0	65.9	60.2	50.8	40.5	29.0	48.0
	S D	8.766	9.043	8.395	8.171	8.118	6.649	5.774	5.438	7.166	8.771	8.541	9.037	16.705
	TOTAL OBS	442	459	512	493	502	507	515	520	495	411	446	505	5807
15-17	MEAN	26.3	29.3	36.4	45.0	54.8	64.5	67.9	66.0	59.9	50.3	39.7	28.8	48.0
	S D	8.883	8.932	8.359	7.971	7.873	6.827	5.303	5.487	7.207	8.868	8.752	9.328	16.682
	TOTAL OBS	417	434	476	478	495	487	495	499	474	393	435	472	5555
18-20	MEAN	22.4	25.4	33.5	42.1	51.9	62.9	65.7	64.2	57.6	47.8	36.7	25.4	44.4
	S D	9.300	9.233	7.858	7.419	7.443	6.410	5.375	5.113	7.984	8.836	9.034	9.801	17.435
	TOTAL OBS	339	330	354	343	337	361	336	340	317	250	343	379	4029
21-23	MEAN	19.8	20.8	30.7	38.7	48.4	59.7	62.3	61.2	54.4	45.3	34.7	22.7	41.1
	S D	10.304	10.408	7.695	6.875	7.781	6.240	5.855	5.267	8.724	8.514	9.385	10.150	17.555
	TOTAL OBS	252	229	257	251	232	243	228	235	222	163	220	253	2785
ALL HOURS	MEAN	22.1	23.8	32.4	41.3	51.2	61.5	64.7	63.0	56.4	47.1	36.7	25.4	44.4
	S D	10.610	11.476	8.922	8.568	8.663	7.185	6.654	6.412	8.851	9.424	9.395	10.437	17.645
	TOTAL OBS	2649	2656	2974	2913	2998	3035	3048	3080	2944	2340	2633	2949	34219

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04779 FLRT DEVELS AAF MASS

50-63, 74-76

STATION	STATION NAME	YEARS												
HRS IL ST I		JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	12.9	9.7	23.5	31.4	41.9	54.5	57.8	57.7	49.4	39.0	29.9	17.2	35.5
	S D	14.271	15.333	10.729	8.868	9.682	6.800	7.404	6.133	8.660	9.269	11.082	13.221	19.775
	TOTAL OBS	187	168	186	180	186	180	186	188	186	122	180	189	2138
03-05	MEAN	11.8	8.7	22.9	30.9	41.4	54.1	56.9	56.4	48.9	39.2	29.0	16.5	36.4
	S D	13.996	16.700	10.438	8.931	9.085	7.105	7.674	6.938	9.943	10.101	11.168	12.921	19.701
	TOTAL OBS	188	170	186	183	234	230	233	233	233	168	181	189	2428
06-08	MEAN	10.5	12.1	21.3	31.2	43.5	55.8	59.2	57.3	50.4	39.7	28.8	15.1	37.0
	S D	14.316	15.722	11.013	10.305	9.854	7.206	6.882	7.237	9.920	10.682	10.841	13.595	20.330
	TOTAL OBS	378	407	492	490	506	513	527	530	513	412	384	447	5599
09-11	MEAN	13.9	15.8	23.1	32.0	44.1	56.6	60.2	58.9	53.0	42.2	30.7	18.1	38.0
	S D	13.417	13.645	11.258	10.906	11.300	7.889	7.341	6.851	9.163	10.903	11.019	12.842	19.902
	TOTAL OBS	446	459	511	495	506	514	528	535	504	421	444	515	5878
12-14	MEAN	17.3	18.8	24.3	32.0	44.7	56.9	60.9	58.8	53.1	42.6	31.4	20.0	38.9
	S D	12.679	12.645	11.082	10.663	11.633	8.499	8.065	7.254	9.611	11.744	11.997	13.144	19.251
	TOTAL OBS	442	459	512	493	502	507	515	520	495	411	446	505	5807
15-17	MEAN	16.7	19.1	24.6	31.5	44.5	56.7	60.8	58.8	52.9	42.2	30.6	19.6	38.7
	S D	13.203	12.169	10.864	10.610	11.167	8.870	7.447	7.410	9.698	11.798	12.242	13.668	19.251
	TOTAL OBS	417	434	476	478	495	487	495	499	474	393	435	472	5555
18-20	MEAN	13.7	16.1	23.8	30.9	43.6	56.9	60.1	59.2	53.3	42.5	30.4	18.0	37.1
	S D	13.075	13.032	10.421	10.104	10.146	8.178	7.364	6.561	9.136	11.064	11.541	13.815	19.952
	TOTAL OBS	338	330	354	343	337	361	336	340	317	250	343	379	4028
21-23	MEAN	12.2	12.8	24.0	31.6	42.8	56.3	59.3	59.0	52.2	41.7	30.3	16.5	36.0
	S D	13.892	14.882	10.590	9.422	10.456	7.078	6.965	5.935	9.186	9.953	10.920	13.263	20.288
	TOTAL OBS	252	229	257	251	232	243	228	235	222	163	220	253	2785
ALL HOURS	MEAN	14.0	15.2	23.4	31.5	43.6	56.2	59.8	58.4	52.0	41.5	30.3	17.9	37.5
	S D	13.686	14.347	10.927	10.260	10.686	7.938	7.498	6.996	9.602	11.061	11.463	13.419	19.803
	TOTAL OBS	2648	2656	2974	2913	2998	3035	3048	3080	2944	2340	2633	2949	34218

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

04779
 STATION

FORT MYERS AAF MASS
 STATION NAME

60-63,74-76
 PERIOD

ALL
 MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.8	98.8	93.4	80.4	61.1	41.5	23.9	11.1	66.3	2649
FEB		100.0	100.0	97.9	88.2	72.2	56.1	41.5	27.8	13.5	65.3	2656
MAR		100.0	99.9	95.0	83.1	69.0	53.9	38.5	25.7	11.9	63.2	2974
APR		100.0	97.7	89.6	75.7	60.5	46.9	33.9	23.3	13.5	59.8	2913
MAY		99.7	98.5	93.1	80.9	66.6	55.9	44.4	32.8	16.2	64.6	2998
JUN		100.0	100.0	97.7	90.0	79.3	64.0	49.7	35.8	14.8	68.9	3035
JUL		100.0	100.0	98.8	92.9	80.5	65.0	51.2	36.7	12.3	69.5	3048
AUG		100.0	100.0	99.5	93.2	81.1	68.8	58.0	44.5	20.6	72.3	3080
SEP		100.0	100.0	99.5	94.6	85.8	75.8	62.6	49.3	26.4	75.3	2944
OCT		100.0	100.0	99.4	93.5	83.2	69.0	55.7	42.4	23.6	72.3	2340
NOV		100.0	99.9	98.4	93.4	83.2	70.5	53.4	36.6	17.3	70.8	2633
DEC		100.0	99.7	98.0	92.3	83.3	69.0	50.6	30.9	11.2	69.1	2949
TOTALS		100.0	99.6	97.1	89.3	77.2	63.0	48.4	34.1	15.9	68.1	34219

USAFETAC

FORM
 JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

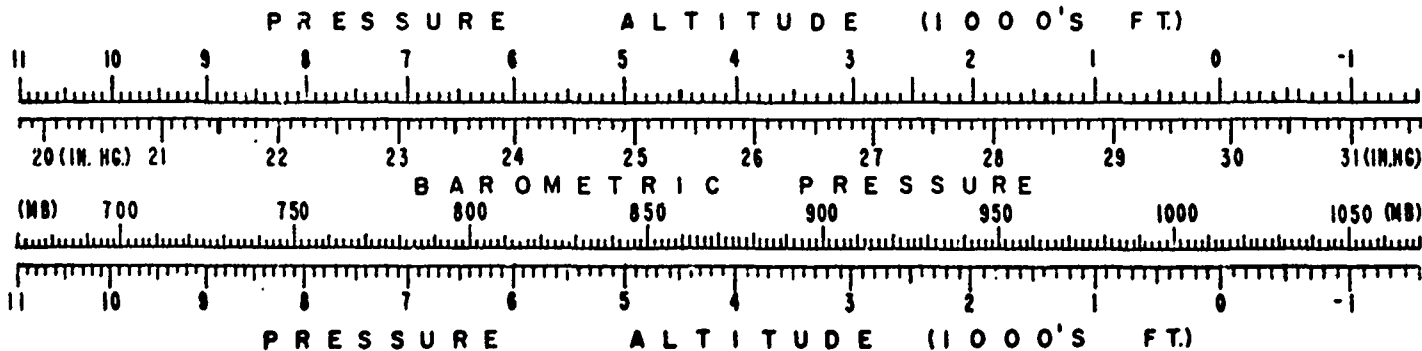
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

04779 FORT DEVENS AAF MASS

60-63,74-76

STATION	STATION NAME	YEARS												
HRS II ST I		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.722	29.699	29.653	29.594	29.725	29.652	29.624	29.658	29.749	29.671	29.722	29.653	29.677
	S D	.304	.303	.246	.271	.194	.194	.159	.160	.211	.199	.301	.311	.247
	TOTAL OBS	62	56	62	60	62	60	62	63	62	41	60	63	713
04	MEAN	29.729	29.699	29.645	29.585	29.727	29.650	29.619	29.648	29.741	29.649	29.724	29.653	29.673
	S D	.300	.299	.248	.275	.190	.197	.166	.169	.208	.225	.303	.307	.249
	TOTAL OBS	62	56	62	60	63	60	62	63	52	43	60	63	716
07	MEAN	29.740	29.703	29.671	29.584	29.711	29.694	29.657	29.740	29.767	29.742	29.695	29.702	29.700
	S D	.276	.310	.279	.260	.203	.194	.166	.161	.196	.246	.283	.322	.248
	TOTAL OBS	140	146	165	165	169	171	176	173	172	140	164	162	1952
10	MEAN	29.764	29.721	29.673	29.571	29.699	29.686	29.654	29.737	29.768	29.745	29.714	29.726	29.704
	S D	.276	.299	.282	.256	.203	.194	.166	.159	.195	.234	.282	.321	.248
	TOTAL OBS	147	154	164	165	169	171	176	178	169	149	171	17	1985
13	MEAN	29.697	29.673	29.630	29.536	29.666	29.660	29.620	29.714	29.735	29.698	29.665	29.6	29.664
	S D	.281	.273	.277	.255	.197	.192	.162	.154	.195	.234	.279	.312	.243
	TOTAL OBS	148	151	164	164	169	171	173	173	168	147	170	158	1966
16	MEAN	29.707	29.664	29.617	29.521	29.647	29.649	29.607	29.689	29.715	29.694	29.667	29.668	29.653
	S D	.285	.264	.274	.252	.183	.186	.158	.146	.195	.225	.274	.307	.239
	TOTAL OBS	142	147	148	159	164	160	164	163	157	139	167	161	1871
19	MEAN	29.756	29.701	29.652	29.551	29.705	29.635	29.624	29.578	29.728	29.681	29.691	29.693	29.676
	S D	.273	.275	.257	.244	.190	.171	.146	.155	.201	.227	.277	.315	.247
	TOTAL OBS	126	115	113	104	87	102	88	88	82	71	152	146	1274
22	MEAN	29.731	29.731	29.650	29.568	29.737	29.655	29.647	29.696	29.744	29.667	29.737	29.670	29.686
	S D	.280	.287	.260	.263	.194	.173	.142	.160	.207	.221	.288	.314	.243
	TOTAL OBS	84	76	86	84	85	84	83	85	80	63	82	84	977
ALL HOURS	MEAN	29.731	29.696	29.649	29.559	29.694	29.665	29.635	29.706	29.745	29.706	29.695	29.686	29.680
	S D	.282	.287	.270	.258	.197	.189	.160	.159	.199	.232	.283	.314	.246
	TOTAL OBS	911	901	964	961	968	979	984	987	952	802	1026	1019	11454

DATA PROCESSING BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

04779 FORT DEVENS AAF MASS

60-63,74-76

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1017.7	1016.9	1015.2	1012.7	1017.1	1014.5	1013.5	1014.7	1017.9	1015.6	1017.5	1015.3	1015.7
	S D	10.373	10.312	8.366	9.308	6.662	6.683	5.450	5.575	7.207	6.766	10.202	10.584	8.452
	TOTAL OBS	62	56	62	60	62	60	62	63	62	41	60	63	713
04	MEAN	1017.9	1016.9	1014.9	1012.4	1017.2	1014.4	1013.4	1014.4	1017.6	1014.8	1017.6	1015.3	1015.6
	S D	10.210	10.193	8.472	9.437	6.541	6.775	5.691	5.850	7.074	7.694	10.331	10.446	8.526
	TOTAL OBS	62	56	62	60	63	60	62	63	62	43	60	63	716
07	MEAN	1018.0	1016.6	1015.3	1012.1	1016.4	1015.7	1014.4	1017.2	1018.3	1017.6	1015.7	1016.6	1016.1
	S D	9.420	10.533	9.582	8.916	6.976	6.539	5.691	5.471	6.797	8.038	9.740	10.987	8.476
	TOTAL OBS	140	146	164	164	169	171	174	173	172	149	155	162	1939
10	MEAN	1018.6	1017.2	1015.4	1011.7	1016.0	1015.4	1014.3	1017.1	1018.3	1017.6	1016.4	1017.3	1016.2
	S D	9.755	10.196	9.591	8.732	7.003	6.533	5.674	5.415	6.668	7.944	9.657	10.963	8.497
	TOTAL OBS	149	154	164	164	169	171	176	178	169	148	162	172	1976
13	MEAN	1016.2	1015.4	1014.0	1010.5	1014.8	1014.5	1013.5	1016.3	1017.1	1016.0	1014.9	1015.5	1014.9
	S D	9.621	9.517	9.441	8.679	6.778	6.490	5.548	5.262	6.668	7.834	9.534	10.635	8.286
	TOTAL OBS	147	152	164	165	169	171	173	173	168	146	162	168	1958
16	MEAN	1016.8	1015.2	1013.5	1009.8	1014.2	1014.2	1012.7	1015.5	1016.5	1015.7	1014.9	1015.3	1014.5
	S D	9.752	9.103	9.325	8.638	6.336	5.272	5.404	4.954	6.628	7.692	9.363	10.439	8.161
	TOTAL OBS	142	147	148	158	164	160	164	164	157	139	161	161	1865
19	MEAN	1018.4	1016.6	1014.9	1011.2	1016.4	1013.9	1013.6	1015.4	1017.2	1015.8	1015.9	1016.2	1015.5
	S D	9.258	9.446	8.686	8.278	6.532	5.822	4.968	5.362	6.856	7.697	9.356	10.704	8.411
	TOTAL OBS	125	115	113	104	87	102	88	88	82	70	146	146	1266
22	MEAN	1017.9	1018.0	1015.1	1011.7	1017.6	1014.6	1014.4	1016.1	1017.8	1015.4	1017.7	1015.8	1016.0
	S D	9.548	9.741	8.845	8.992	6.597	5.907	4.876	5.559	7.048	7.634	9.816	10.671	8.291
	TOTAL OBS	84	76	86	84	85	84	83	86	80	62	76	84	970
ALL HOURS	MEAN	1017.6	1016.4	1014.7	1011.3	1015.9	1014.8	1013.7	1016.2	1017.6	1016.4	1016.0	1016.0	1015.5
	S D	9.670	9.844	9.204	8.813	6.787	6.394	5.488	5.431	6.803	7.809	9.660	10.703	8.398
	TOTAL OBS	911	902	963	959	968	979	982	988	952	798	982	1019	11403